



JANET T. MILLS  
GOVERNOR

STATE OF MAINE  
DEPARTMENT OF ENVIRONMENTAL PROTECTION



GERALD D. REID  
COMMISSIONER

October 18, 2019

Mr. Christopher Pelletier  
Town of Pittsfield  
112 Summer Street  
Pittsfield, ME. 04967  
E-mail: [waterpittsfield@gmail.com](mailto:waterpittsfield@gmail.com)

RE: Maine Pollutant Discharge Elimination System (MEPDES) Permit #ME0100528  
Maine Waste Discharge License (WDL) #W001477-6D-J-R  
**Final Permit**

Dear Mr. Pelletier:

Enclosed please find a copy of your **final** MEPDES permit and Maine WDL **renewal** which was approved by the Department of Environmental Protection. Please read this permit/license renewal and its attached conditions carefully. Compliance with this permit/license will protect water quality.

Any interested person aggrieved by a Department determination made pursuant to applicable regulations, may appeal the decision following the procedures described in the attached DEP FACT SHEET entitled "*Appealing a Commissioner's Licensing Decision.*"

If you have any questions regarding the matter, please feel free to call me at 287-7693. Your Department compliance inspector copied below is also a resource that can assist you with compliance. Please do not hesitate to contact them with any questions.

Thank you for your efforts to protect and improve the waters of the great state of Maine!

Sincerely,

Gregg Wood  
Division of Water Quality Management  
Bureau of Water Quality

Enc.

cc: Denise Behr, DEP/CMRO  
Marelyn Vega, USEPA

Lori Mitchell, DEP/CMRO  
Sandy Mojica, USEPA

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



# DEP INFORMATION SHEET

## Appealing a Department Licensing Decision

Dated: November 2018

Contact: (207) 287-2452

### SUMMARY

There are two methods available to an aggrieved person seeking to appeal a licensing decision made by the Department of Environmental Protection's (DEP) Commissioner: (1) an administrative process before the Board of Environmental Protection (Board); or (2) a judicial process before Maine's Superior Court. An aggrieved person seeking review of a licensing decision over which the Board had original jurisdiction may seek judicial review in Maine's Superior Court.

A judicial appeal of final action by the Commissioner or the Board regarding an application for an expedited wind energy development (35-A M.R.S. § 3451(4)) or a general permit for an offshore wind energy demonstration project (38 M.R.S. § 480-HH(1)) or a general permit for a tidal energy demonstration project (38 M.R.S. § 636-A) must be taken to the Supreme Judicial Court sitting as the Law Court.

This information sheet, in conjunction with a review of the statutory and regulatory provisions referred to herein, can help a person to understand his or her rights and obligations in filing an administrative or judicial appeal.

### I. ADMINISTRATIVE APPEALS TO THE BOARD

#### **LEGAL REFERENCES**

The laws concerning the DEP's *Organization and Powers*, 38 M.R.S. §§ 341-D(4) & 346; the *Maine Administrative Procedure Act*, 5 M.R.S. § 11001; and the DEP's *Rules Concerning the Processing of Applications and Other Administrative Matters* ("Chapter 2"), 06-096 C.M.R. ch. 2.

#### **DEADLINE TO SUBMIT AN APPEAL TO THE BOARD**

The Board must receive a written appeal within 30 days of the date on which the Commissioner's decision was filed with the Board. Appeals filed more than 30 calendar days after the date on which the Commissioner's decision was filed with the Board will be dismissed unless notice of the Commissioner's license decision was required to be given to the person filing an appeal (appellant) and the notice was not given as required.

#### **HOW TO SUBMIT AN APPEAL TO THE BOARD**

Signed original appeal documents must be sent to: Chair, Board of Environmental Protection, 17 State House Station, Augusta, ME 04333-0017. An appeal may be submitted by fax or e-mail if it contains a scanned original signature. It is recommended that a faxed or e-mailed appeal be followed by the submittal of mailed original paper documents. The complete appeal, including any attachments, must be received at DEP's offices in Augusta on or before 5:00 PM on the due date; materials received after 5:00 pm are not considered received until the following day. The risk of material not being received in a timely manner is on the sender, regardless of the method used. The appellant must also send a copy of the appeal documents to the Commissioner of the DEP; the applicant (if the appellant is not the applicant in the license proceeding at issue); and if a hearing was held on the application, any intervenor in that hearing process. All of the information listed in the next section of this information sheet must be submitted at the time the appeal is filed.

### INFORMATION APPEAL PAPERWORK MUST CONTAIN

Appeal materials must contain the following information at the time the appeal is submitted:

1. *Aggrieved Status.* The appeal must explain how the appellant has standing to maintain an appeal. This requires an explanation of how the appellant may suffer a particularized injury as a result of the Commissioner's decision.
2. *The findings, conclusions, or conditions objected to or believed to be in error.* The appeal must identify the specific findings of fact, conclusions regarding compliance with the law, license conditions, or other aspects of the written license decision or of the license review process that the appellant objects to or believes to be in error.
3. *The basis of the objections or challenge.* For the objections identified in Item #2, the appeal must state why the appellant believes that the license decision is incorrect and should be modified or reversed. If possible, the appeal should cite specific evidence in the record or specific licensing requirements that the appellant believes were not properly considered or fully addressed.
4. *The remedy sought.* This can range from reversal of the Commissioner's decision on the license or permit to changes in specific permit conditions.
5. *All the matters to be contested.* The Board will limit its consideration to those matters specifically raised in the written notice of appeal.
6. *Request for hearing.* If the appellant wishes the Board to hold a public hearing on the appeal, a request for public hearing must be filed as part of the notice of appeal, and must include an offer of proof in accordance with Chapter 2. The Board will hear the arguments in favor of and in opposition to a hearing on the appeal and the presentations on the merits of an appeal at a regularly scheduled meeting. If the Board decides to hold a public hearing on an appeal, that hearing will then be scheduled for a later date.
7. *New or additional evidence to be offered.* If an appellant wants to provide evidence not previously provided to DEP staff during the DEP's review of the application, the request and the proposed evidence must be submitted with the appeal. The Board may allow new or additional evidence, referred to as supplemental evidence, to be considered in an appeal only under very limited circumstances. The proposed evidence must be relevant and material, and (a) the person seeking to add information to the record must show due diligence in bringing the evidence to the DEP's attention at the earliest possible time in the licensing process; or (b) the evidence itself must be newly discovered and therefore unable to have been presented earlier in the process. Specific requirements for supplemental evidence are found in Chapter 2 § 24.

### OTHER CONSIDERATIONS IN APPEALING A DECISION TO THE BOARD

1. *Be familiar with all relevant material in the DEP record.* A license application file is public information, subject to any applicable statutory exceptions, and is made easily accessible by the DEP. Upon request, the DEP will make application materials available during normal working hours, provide space to review the file, and provide an opportunity for photocopying materials. There is a charge for copies or copying services.
2. *Be familiar with the regulations and laws under which the application was processed, and the procedural rules governing your appeal.* DEP staff will provide this information on request and answer general questions regarding the appeal process.
3. *The filing of an appeal does not operate as a stay to any decision.* If a license has been granted and it has been appealed, the license normally remains in effect pending the processing of the appeal. Unless a stay of the decision is requested and granted, a license holder may proceed with a project pending the outcome of an appeal, but the license holder runs the risk of the decision being reversed or modified as a result of the appeal.

### **WHAT TO EXPECT ONCE YOU FILE A TIMELY APPEAL WITH THE BOARD**

The Board will formally acknowledge receipt of an appeal, and will provide the name of the DEP project manager assigned to the specific appeal. The notice of appeal, any materials accepted by the Board Chair as supplementary evidence, any materials submitted in response to the appeal, and relevant excerpts from the DEP's application review file will be sent to Board members with a recommended decision from DEP staff. The appellant, the license holder if different from the appellant, and any interested persons are notified in advance of the date set for Board consideration of an appeal or request for public hearing. The appellant and the license holder will have an opportunity to address the Board at the Board meeting. With or without holding a public hearing, the Board may affirm, amend, or reverse a Commissioner decision or remand the matter to the Commissioner for further proceedings. The Board will notify the appellant, the license holder, and interested persons of its decision.

### **II. JUDICIAL APPEALS**

Maine law generally allows aggrieved persons to appeal final Commissioner or Board licensing decisions to Maine's Superior Court (see 38 M.R.S. § 346(1); 06-096 C.M.R. ch. 2; 5 M.R.S. § 11001; and M.R. Civ. P. 80C). A party's appeal must be filed with the Superior Court within 30 days of receipt of notice of the Board's or the Commissioner's decision. For any other person, an appeal must be filed within 40 days of the date the decision was rendered. An appeal to court of a license decision regarding an expedited wind energy development, a general permit for an offshore wind energy demonstration project, or a general permit for a tidal energy demonstration project may only be taken directly to the Maine Supreme Judicial Court. See 38 M.R.S. § 346(4).

Maine's Administrative Procedure Act, DEP statutes governing a particular matter, and the Maine Rules of Civil Procedure must be consulted for the substantive and procedural details applicable to judicial appeals.

### **ADDITIONAL INFORMATION**

If you have questions or need additional information on the appeal process, for administrative appeals contact the Board's Executive Analyst at (207) 287-2452, or for judicial appeals contact the court clerk's office in which your appeal will be filed.

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**Note: The DEP provides this INFORMATION SHEET for general guidance only; it is not intended for use as a legal reference. Maine law governs an appellant's rights.**

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STATE OF MAINE  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
17 STATE HOUSE STATION AUGUSTA, MAINE 04333-0017

DEPARTMENT ORDER

IN THE MATTER OF

TOWN OF PITTSFIELD	)	MAINE POLLUTANT DISCHARGE
PITTSFIELD, SOMERSET COUNTY, MAINE	)	ELIMINATION SYSTEM PERMIT
PUBLICLY OWNED TREATMENT WORKS	)	AND
ME0100528	)	WASTE DISCHARGE LICENSE
W001477-6D-J-R	)	<b>RENEWAL</b>
<b>APPROVAL</b>		

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

**APPLICATION SUMMARY**

On August 7, 2019, the Town submitted a timely and complete application to the Department to renew Maine Pollutant Discharge Elimination System (MEPDES) permit #ME0100528 /Waste Discharge License (WDL) #W001477-6D-I-R (permit hereinafter), which was issued by the Department on December 18, 2014, for a five-year term. The 12/18/19 MEPDES permit authorized the monthly average discharge of 1.5 million gallons per day (MGD) of secondary treated municipal wastewater to the Sebasticook River, Class C, in Pittsfield, Maine.

**PERMIT SUMMARY**

This permitting action is carrying forward all the terms and conditions of the previous permitting action except this permit is:

1. Expanding the season in which *E. coli* bacteria limitations and monitoring requirements are applicable from May 15<sup>th</sup> - September 30<sup>th</sup> of each year to April 15<sup>th</sup> – October 31<sup>st</sup> of each year based a revision to Maine law 38 M.R.S. §465(4)(B).

## CONCLUSIONS

Based on the findings summarized in the attached Fact Sheet dated September 19, 2019, 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 water body are not met, the discharge will not cause or contribute to the failure of the water body to meet the standards of classification;
  - (d) Where the actual quality of any classified receiving water body 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 water body, 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**


Based on the findings and conclusions as stated above, the Department APPROVES the above noted application of the TOWN OF PITTSFIELD to discharge a monthly average of 1.5 MGD of secondary treated municipal wastewater to the Sebasticook River, Class C, in Pittsfield, Maine, 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.
2. The attached Special Conditions, including any effluent limitations and monitoring requirements.
3. This permit and the authorization to discharge become effective upon the date of signature below and expire at midnight five (5) years from the effective date. If a renewal application is timely submitted and accepted as complete for processing prior to the expiration of this permit, the authorization to discharge and the terms and conditions of this permit and all 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)]

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

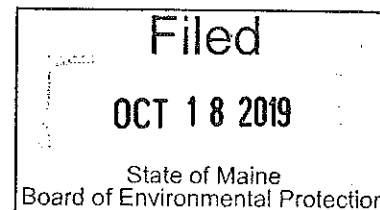
DONE AND DATED AT AUGUSTA, MAINE, THIS 17 DAY OF October 2019.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY:   
*for* Gerald D. Reid, Commissioner

Date of initial receipt of application August 7 2019

Date of application acceptance August 21, 2019



Date filed with Board of Environmental Protection \_\_\_\_\_

This Order prepared by Gregg Wood, Bureau of Water Quality

ME0100528 2019

10/18/19

## SPECIAL CONDITIONS

### A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. The permittee is authorized to discharge **secondary treated municipal sanitary wastewater from Outfall #001A** to the Sebasticook River at Pittsfield. Such discharges are limited and must be monitored by the permittee as specified below<sup>(1)</sup>:

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]	1.5 MGD [03]	---	Report MGD [03]	---	---	---	Metered [MT]	Recorder [RC]
Biochemical Oxygen Demand (BOD <sub>5</sub> ) [00310]	375 lbs/day [26]	563 lbs/day [26]	626 lbs/day [26]	30 mg/L [19]	45 mg/L [19]	50 mg/L [19]	1/Week [01/07]	Composite [24]
BOD <sub>5</sub> % Removal <sup>(2)</sup> [81010]	---	---	---	85% [23]	---	---	1/Month [01/30]	Calculate [CA]
Total Suspended Solids (TSS) [00530]	375 lbs/day [26]	563 lbs/day [26]	626 lbs/day [26]	30 mg/L [19]	45 mg/L [19]	50 mg/L [19]	1/Week [01/07]	Composite [24]
TSS % Removal <sup>(2)</sup> [81011]	---	---	---	85% [23]	---	---	1/Month [01/30]	Calculate [CA]
<i>E. coli</i> Bacteria <sup>(3)</sup> [31633] (April 15th – October 31st)	---	---	---	126 col/100 ml <sup>(4)</sup> [13]	---	949 col/100 ml [13]	1/Week [01/07]	Grab [GR]
Total Residual Chlorine <sup>(5)</sup> [50060]	---	---	---	0.1 mg/L [19]	---	0.13 mg/L [19]	1/Day [01/01]	Grab [GR]
pH (Std. Units) <sup>(6)</sup> [00400]	---	---	---	---	---	6.0 – 9.0 SU [12]	2/Week [02/07]	Grab [GR]
Mercury (Total) <sup>(7)</sup> [71900]	---	---	---	4.5 ng/L [3M]	---	6.8 ng/L [3M]	1/Year [01/YR]	Grab [GR]

The italicized numeric values bracketed in the table above and in subsequent text are code numbers that Department personnel utilize to code the monthly Discharge Monitoring Reports.

**FOOTNOTES:** See Pages 6 through 8 of this permit for applicable footnotes.



**SPECIAL CONDITIONS**

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

2. ***SURVEILLANCE LEVEL*** - Beginning upon issuance and lasting through 24 months prior to permit expiration <sup>(1)</sup> (Years 1, 2 & 3 of the term of the permit) and commencing again 12 months prior to permit expiration (Year 5 of the term of the permit).

Effluent Characteristic	Daily Maximum	Minimum Frequency	Sample Type
Analytical Chemistry <sup>(8,10)</sup> [51477]	Report µg/L [28]	1/Year [01/YR]	Composite/Grab [24]

3. ***SCREENING LEVEL TESTING*** - Beginning 24 months prior to permit expiration and lasting through 12 months prior to permit expiration (Year 4 of the term of the permit) and every five years thereafter if a timely request for renewal has been made and the permit continues in force, or is replaced by a permit renewal containing this requirement.

Effluent Characteristic	Daily Maximum	Minimum Frequency	Sample Type
Analytical Chemistry <sup>(8,10)</sup> [51477]	Report µg/L [28]	1/Quarter [01/90]	Composite/Grab [24]
Priority pollutant <sup>(9, 10)</sup> [50008]	Report µg/L [28]	1/ Year [01/YR]	Composite/Grab [24]

**FOOTNOTES:** See Pages 6 through 8 of this permit for applicable footnotes.

## SPECIAL CONDITIONS

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

#### FOOTNOTES

1. **Sampling** –All effluent monitoring must be conducted at a location following the last treatment unit in the treatment process, as to be representative of end-of-pipe effluent characteristics. Any change in sampling location must be approved by the Department in writing.

The permittee must conduct all effluent sampling and analysis in accordance with; a) methods approved by 40 Code of Federal Regulations (CFR) Part 136, b) alternative methods approved by the Department in accordance with the procedures in 40 CFR Part 136, or c) as otherwise specified by the Department. Samples that are sent out for analysis must be analyzed by a laboratory certified for waste water by the State of Maine's Department of Health and Human Services. Samples that are analyzed by laboratories operated by waste discharge facilities licensed pursuant to *Waste discharge licenses*, 38 M.R.S. § 413 are subject to the provisions and restrictions of *Maine Comprehensive and Limited Environmental Laboratory Certification Rules*, 10-144 CMR 263 (last amended December 19, 2018). Laboratory facilities that analyze compliance samples in-house are subject to the provisions and restrictions of 10-144 CMR 263. If the permittee monitors any pollutant more frequently than required by the permit using test procedures approved under 40 CFR Part 136 or as specified in this permit, the results of this monitoring must be included in the calculation and reporting of the data submitted in the DMR.

2. **Percent Removal** - The permittee must achieve a minimum of 85 percent removal of both total suspended solids and biochemical oxygen demand for all flows receiving secondary treatment. The percent removal is calculated based on influent and effluent concentration values. For the purposes of this permitting action, the twelve-month rolling average calculation is based on the most recent twelve-month period. The permittee is required to report the percent removal values on the monthly Discharge Monitoring Report and on the Department's "49" form. During periods of freezing weather, the percent removal may be calculated based on assumed BOD<sub>5</sub> and TSS influent values of 286 mg/L and actual effluent concentration values.
3. **Bacteria Limits** – *E. coli* bacteria limits and monitoring requirements are seasonal and apply between April 15th and October 31st of each year. The Department reserves the right to require year-round bacteria limits to protect the health, safety and welfare of the public.
4. **Bacteria Reporting** – The monthly average *E. coli* bacteria limitation is a geometric mean limitation and sample results must be reported as such.

## SPECIAL CONDITIONS

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

5. **TRC Monitoring** – Limitations and monitoring requirements are in effect any time elemental chlorine or chlorine-based compounds are utilized to disinfect the discharge(s). The permittee must utilize a USEPA-approved test method capable of bracketing the TRC limitations specified in this permitting action. Monitoring for TRC is only required when elemental chlorine or chlorine-based compounds are in use for effluent disinfection. For instances when a facility has not disinfected with chlorine-based compounds for an entire reporting period, the facility must report “NODI-9” for this parameter on the monthly DMR or “N9” if the submittal is an electronic DMR.
6. **pH Range Limitation** – The pH value of the effluent must not be lower than 6.0 standard units (SU) nor higher than 9.0 SU at any time unless these limitations are exceeded due to natural causes. The permittee must provide oral notification to the Department of any exceedance within 24 hours from the time the permittee becomes aware of the circumstances and must submit a written explanation to the Department of the exceedance within 5 days of the time the permittee becomes aware of the circumstances.
7. **Mercury** – The permittee must conduct all mercury sampling required by this permit or required to determine compliance with interim limitations established pursuant to 06-096 CMR 519 in accordance with the USEPA’s “clean sampling techniques” found in USEPA Method 1669, *Sampling Ambient Water For Trace Metals At EPA Water Quality Criteria Levels*. All mercury analysis must be conducted in accordance with USEPA Method 1631, *Determination of Mercury in Water by Oxidation, Purge and Trap, and Cold Vapor Fluorescence Spectrometry*. Go to [https://www.maine.gov/dep/water/wd/municipal\\_industrial/index.html](https://www.maine.gov/dep/water/wd/municipal_industrial/index.html) and click on “Whole Effluent Toxicity, Chemistry, and Mercury Reporting Forms” for a reporting form for mercury test results. Compliance with the monthly average limitation established in Special Condition A.1 of this permit will be based on the cumulative arithmetic mean of all mercury tests results that were conducted utilizing sampling Methods 1669 and analysis Method 1631E on file with the Department for this facility.
8. **Analytical Chemistry** – Refers to those pollutants listed under “Analytical Chemistry” on the form found at: [https://www.maine.gov/dep/water/wd/municipal\\_industrial/index.html](https://www.maine.gov/dep/water/wd/municipal_industrial/index.html)
  - a. **Surveillance level testing** - Beginning upon permit issuance and lasting through 24 months prior to permit expiration (Years 1, 2 & 3 of the term of the permit) and commencing again 12 months prior to permit expiration (Year 5 of the term of the permit), the permittee must conduct analytical chemistry testing at a minimum frequency of once per year. Testing must be conducted in a different calendar quarter of each year.
  - b. **Screening level testing** - Beginning 24 months prior to permit expiration and lasting through 12 months prior to permit expiration (Year 4 of the term of the permit) and every five years thereafter if a timely request for renewal has been made and the permit continues in force, or is replaced by a permit renewal containing this requirement, the permittee must conduct screening level analytical chemistry testing at a minimum frequency of four times per year (4/Year) in successive calendar quarters.

## SPECIAL CONDITIONS

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

9. **Priority Pollutant Testing** – Refers to those pollutants listed under “Priority Pollutants” on the form found at: [https://www.maine.gov/dep/water/wd/municipal\\_industrial/index.html](https://www.maine.gov/dep/water/wd/municipal_industrial/index.html)
- a. **Screening level testing** - Beginning 24 months prior to permit expiration and lasting through 12 months prior to permit expiration (Year 4 of the term of the permit) and every five years thereafter if a timely request for renewal has been made and the permit continues in force, or is replaced by a permit renewal containing this requirement, the permittee must conduct screening level priority pollutant testing at a minimum frequency of once per year (1/Year) in any calendar quarter provided the sample is representative of the discharge and any seasonal or other variations in effluent quality.
10. **Priority Pollutant and Analytical Chemistry Testing** – This testing must be conducted on samples collected at the same time as those collected for whole effluent toxicity tests when applicable. Priority pollutant and analytical chemistry testing must be conducted using methods that permit detection of a pollutant at existing levels in the effluent or that achieve minimum reporting levels of detection as specified by the Department.

Test results must be submitted to the Department not later than the next Discharge Monitoring Report (DMR) required by the permit, provided, however, that the permittee may review the toxicity reports for up to 10 business days of their availability before submitting them. The permittee must evaluate test results being submitted and identify to the Department, possible exceedances of the acute, chronic or human health AWQC as established in *Surface Water Quality Criteria for Toxic Pollutants*, 06-096 CMR 584 (last amended July 29, 2012). For the purposes of DMR reporting, enter a “1” for yes, testing done this monitoring period or “NODI-9” for monitoring not required this period.

### B. NARRATIVE EFFLUENT LIMITATIONS

1. The permittee must not discharge effluent that contains a visible oil sheen, foam or floating solids at any time which would impair the usages designated for the classification of the receiving waters.
2. The permittee must not discharge effluent that contains materials in concentrations or combinations which are hazardous or toxic to aquatic life, or which would impair the usages designated for the classification of the receiving waters.
3. The discharge must not impart visible discoloration, taste, turbidity, toxicity, radioactivity or other properties in the receiving waters which would impair the usages designated for the classification of the receiving waters.
4. The permittee must not discharge effluent that lowers the quality of any classified body of water below such classification, or lowers the existing quality of any body of water if the existing quality is higher than the classification.

## **SPECIAL CONDITIONS**

### **C. TREATMENT PLANT OPERATOR**

The treatment facility must be operated by a person holding a minimum of a **Grade II** certificate (or Registered Maine Professional Engineer) pursuant to *Sewerage Treatment Operators*, 32 M.R.S. §§ 4171-4182 and *Regulations for Wastewater Operator Certification*, 06-096 CMR 531 (effective May 8, 2006). All proposed contracts for facility operation by any person must be approved by the Department before the permittee may engage the services of the contract operator.

### **D. MONITORING AND REPORTING**

#### Electronic Reporting

*NPDES Electronic Reporting*, 40 CFR 127, requires MEPDES permit holders to submit monitoring results obtained during the previous month on an electronic discharge monitoring report to the regulatory agency utilizing the USEPA electronic system.

Electronic DMRs submitted using the USEPA NetDMR system, must be:

1. Submitted by a facility authorized signatory; and
2. Submitted no later than **midnight on the 15<sup>th</sup> day of the month** following the completed reporting period.

Documentation submitted in support of the electronic DMR may be attached to the electronic DMR. Toxics reporting must be done using the DEP toxsheet reporting form. An electronic copy of the Toxsheet reporting document must be submitted to your Department compliance inspector as an attachment to an email. In addition, a hardcopy form of this sheet must be signed and submitted to your compliance inspector, or a copy attached to your NetDMR submittal will suffice. Documentation submitted electronically to the Department in support of the electronic DMR must be submitted no later than midnight on the 15<sup>th</sup> day of the month following the completed reporting period.

### **E. LIMITATIONS FOR INDUSTRIAL USERS**

Pollutants introduced into the wastewater collection and treatment system by a non-domestic source (user) must not pass through or interfere with the operation of the treatment system. The permittee must conduct an Industrial Waste Survey (IWS) any time a new industrial user proposes to discharge within its jurisdiction; an existing user proposes to make a significant change in its discharge; or at an alternative minimum, once every permit cycle and submit the results to the Department. The IWS must identify, in terms of character and volume of pollutants, any Significant Industrial Users discharging into the POTW subject to Pretreatment Standards under section 307(b) of the federal Clean Water Act, 40 CFR Part 403 (general pretreatment regulations) or *Pretreatment Program*, 06-096 CMR 528 (last amended March 17, 2008).

## **SPECIAL CONDITIONS**

### **F. NOTIFICATION REQUIREMENT**

In accordance with Standard Condition D, the permittee must notify the Department of the following:

1. Any introduction of pollutants into the wastewater collection and treatment system from an indirect discharger in a primary industrial category discharging process wastewater; and
2. Any substantial change in the volume or character of pollutants being introduced into the wastewater collection and treatment system by a source introducing pollutants to the system at the time of permit issuance. For the purposes of this section, notice regarding substantial change must include information on:
  - a. the quality and quantity of wastewater introduced to the wastewater collection and treatment system; and
  - b. any anticipated impact caused by the change in the quantity or quality of the wastewater to be discharged from the treatment system.

### **G. AUTHORIZED DISCHARGES**

The permittee is authorized to discharge only in accordance with: 1) the permittee's General Application for Waste Discharge Permit, accepted for processing on August 21, 2019; 2) the terms and conditions of this permit; and 3) only from Outfall #001A. Discharges of wastewater from any other point source(s) are not authorized under this permit, and must be reported in accordance with Standard Condition D(1)(f), *Twenty-four hour reporting*, of this permit.

### **H. WET WEATHER MANAGEMENT PLAN**

The permittee must maintain a current written Wet Weather Management Plan to direct the staff on how to operate the facility effectively during periods of high flow. The Department acknowledges that the existing collection system may deliver flows in excess of the monthly average design capacity of the treatment plant during periods of high infiltration and rainfall. A specific objective of the plan must be to maximize the volume of wastewater receiving secondary treatment under all operating conditions. The revised plan must include operating procedures for a range of intensities, address solids handling procedures (including septic waste and other high strength wastes if applicable) and provide written operating and maintenance procedures during the events.

**The permittee must review their plan at least annually and record any necessary changes to keep the plan up to date.** The Department may require review and update of the plan as it is determined to be necessary.

## **SPECIAL CODITIONS**

### **I. OPERATIONS AND MAINTENANCE (O&M) PLAN**

The permittee must maintain a current written comprehensive Operation & Maintenance (O&M) Plan for the facility. The plan must provide a systematic approach by which the permittee must at all times, properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit.

**By December 31 of each year, or within 90 days of any process changes or minor equipment upgrades,** the permittee must evaluate and modify the O&M Plan including site plan(s) and schematic(s) for the wastewater treatment facility to ensure that it is up-to-date. The O&M Plan must be kept on-site at all times and made available to Department and USEPA personnel upon request.

**Within 90 days of completion of new and or substantial upgrades of the wastewater treatment facility,** the permittee must submit the updated O&M Plan to their Department inspector for review and comment.

### **J. DISPOSAL OF TRANSPORTED WASTES IN WASTEWATER TREATMENT FACILITY**

Pursuant to this permit and *Standards for the Addition of Transported Wastes to Wastewater Treatment Facilities*, 06-096 CMR 555 (effective March 9, 2009), during the effective period of this permit, the permittee is authorized to receive into the treatment process or solids handling stream up to **a daily maximum of 3,000 gallons per day (gpd)** of transported wastes, subject to the following terms and conditions.

1. "Transported wastes" means any liquid non-hazardous waste delivered to a wastewater treatment facility by a truck or other similar conveyance that has different chemical constituents or a greater strength than the influent described on the facility's application for a waste discharge license. Such wastes may include, but are not limited to septage, industrial wastes or other wastes to which chemicals in quantities potentially harmful to the treatment facility or receiving water have been added.
2. The character and handling of all transported wastes received must be consistent with the information and management plans provided in application materials submitted to the Department.
3. At no time must the addition of transported wastes cause or contribute to effluent quality violations. Transported wastes may not cause an upset of or pass through the treatment process or have any adverse impact on the sludge disposal practices of the wastewater treatment facility. Wastes that contain heavy metals, toxic chemicals, extreme pH, flammable or corrosive materials in concentrations harmful to the treatment operation must be refused. Odors and traffic from the handling of transported wastes may not result in adverse impacts to the surrounding community. If any adverse effects exist, the receipt or introduction of transported wastes into the treatment process or solids handling stream must be suspended until there is no further risk of adverse effects.

**SPECIAL CONDITIONS**

**J. DISPOSAL OF TRANSPORTED WASTES IN WASTEWATER TREATMENT FACILITY  
(cont'd)**

4. The permittee must maintain records for each load of transported wastes in a daily log which must include at a minimum the following.
  - (a) The date;
  - (b) The volume of transported wastes received;
  - (c) The source of the transported wastes;
  - (d) The person transporting the transported wastes;
  - (e) The results of inspections or testing conducted;
  - (f) The volumes of transported wastes added to each treatment stream; and
  - (g) The information in (a) through (d) for any transported wastes refused for acceptance.

These records must be maintained at the treatment facility for a minimum of five years.

5. The addition of transported wastes into the treatment process or solids handling stream must not cause the treatment facilities design capacity to be exceeded. If, for any reason, the treatment process or solids handling facilities become overloaded, introduction of transported wastes into the treatment process or solids handling stream must be reduced or terminated in order to eliminate the overload condition.
6. Holding tank wastewater from domestic sources to which no chemicals in quantities potentially harmful to the treatment process have been added must not be recorded as transported wastes but should be reported in the treatment facility's influent flow.
7. During wet weather events, transported wastes may be added to the treatment process or solids handling facilities only in accordance with a current high flow management plan approved by the Department that provides for full treatment of transported wastes without adverse impacts.
8. In consultation with the Department, chemical analysis is required prior to receiving transported wastes from new sources that are not of the same nature as wastes previously received. The analysis must be specific to the type of source and designed to identify concentrations of pollutants that may pass through, upset or otherwise interfere with the facility's operation.
9. Access to transported waste receiving facilities may be permitted only during the times specified in the application materials and under the control and supervision of the person responsible for the wastewater treatment facility or his/her designated representative.
10. The authorization in the Special Condition is subject to annual review and, with notice to the permittee and other interested parties of record, may be suspended or reduced by the Department as necessary to ensure full compliance with 06-096 CMR 555 and the terms and conditions of this permit.



## **SPECIAL CONDITIONS**

### **K. 06-096 CMR 530(2)(D)(4) STATEMENT FOR REDUCED/WAIVED TOXICS TESTING**

**By December 31 of each calendar year**, the permittee must provide the Department with a certification describing any of the following that have occurred since the effective date of this permit [*ICIS Code 96299*]. See **Attachment C** of the Fact Sheet for an acceptable certification form to satisfy this Special Condition.

- a. Changes in the number or types of non-domestic wastes contributed directly or indirectly to the wastewater treatment works that may increase the toxicity of the discharge;
- b. Changes in the operation of the treatment works that may increase the toxicity of the discharge;
- c. Changes in industrial manufacturing processes contributing wastewater to the treatment works that may increase the toxicity of the discharge;

In addition, in the comments section of the certification form, the permittee must provide the Department with statements describing;

- d. Changes in stormwater collection or inflow/infiltration affecting the facility that may increase the toxicity of the discharge; and
- e. Increases in the type or volume of transported (hauled) wastes accepted by the facility.

The Department may require that annual testing be re-instated if it determines that there have been changes in the character of the discharge or if annual certifications described above are not submitted.

### **L. REOPENING OF PERMIT FOR MODIFICATION**

In accordance with 38 M.R.S. § 414-A(5) and upon evaluation of the tests results or monitoring requirements specified in Special Conditions of this permitting action, new site specific information, or any other pertinent test results or information obtained during the term of this permit, the Department may, at any time and with notice to the permittee, modify this permit to: 1) include effluent limits necessary to control specific pollutants or whole effluent toxicity where there is a reasonable potential that the effluent may cause water quality criteria to be exceeded, (2) require additional monitoring if results on file are inconclusive; or (3) change monitoring requirements or limitations based on new information.

### **M. SEVERABILITY**

In the event that any provision(s), or part thereof, of this permit is declared to be unlawful by a reviewing court, the remainder of the permit must remain in full force and effect, and must be construed and enforced in all aspects as if such unlawful provision, or part thereof, had been omitted, unless otherwise ordered by the court.

MAINE POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

STANDARD CONDITIONS APPLICABLE TO ALL PERMITS

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**A. GENERAL PROVISIONS**

1. **General compliance.** All discharges shall be consistent with the terms and conditions of this permit; any changes in production capacity or process modifications which result in changes in the quantity or the characteristics of the discharge must be authorized by an additional license or by modifications of this permit; it shall be a violation of the terms and conditions of this permit to discharge any pollutant not identified and authorized herein or to discharge in excess of the rates or quantities authorized herein or to violate any other conditions of this permit.

2. **Other materials.** Other materials ordinarily produced or used in the operation of this facility, which have been specifically identified in the application, may be discharged at the maximum frequency and maximum level identified in the application, provided:

(a) They are not

- (i) Designated as toxic or hazardous under the provisions of Sections 307 and 311, respectively, of the Federal Water Pollution Control Act; Title 38, Section 420, Maine Revised Statutes; or other applicable State Law; or
- (ii) Known to be hazardous or toxic by the licensee.

(b) The discharge of such materials will not violate applicable water quality standards.

3. **Duty to comply.** The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of State law and the Clean Water Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or denial of a permit renewal application.

- (a) The permittee shall comply with effluent standards or prohibitions established under section 307(a) of the Clean Water Act, and 38 MRSA, §420 or Chapter 530.5 for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.
- (b) Any person who violates any provision of the laws administered by the Department, including without limitation, a violation of the terms of any order, rule license, permit, approval or decision of the Board or Commissioner is subject to the penalties set forth in 38 MRSA, §349.

4. **Duty to provide information.** The permittee shall furnish to the Department, within a reasonable time, any information which the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. The permittee shall also furnish to the Department upon request, copies of records required to be kept by this permit.

5. **Permit actions.** This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition.

6. **Reopener clause.** The Department reserves the right to make appropriate revisions to this permit in order to establish any appropriate effluent limitations, schedule of compliance or other provisions which may be authorized under 38 MRSA, §414-A(5).

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7. **Oil and hazardous substances.** Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties to which the permittee is or may be subject under section 311 of the Federal Clean Water Act; section 106 of the Federal Comprehensive Environmental Response, Compensation and Liability Act of 1980; or 38 MRSA §§ 1301, et. seq.

8. **Property rights.** This permit does not convey any property rights of any sort, or any exclusive privilege.

9. **Confidentiality of records.** 38 MRSA §414(6) reads as follows. "Any records, reports or information obtained under this subchapter is available to the public, except that upon a showing satisfactory to the department by any person that any records, reports or information, or particular part or any record, report or information, other than the names and addresses of applicants, license applications, licenses, and effluent data, to which the department has access under this subchapter would, if made public, divulge methods or processes that are entitled to protection as trade secrets, these records, reports or information must be confidential and not available for public inspection or examination. Any records, reports or information may be disclosed to employees or authorized representatives of the State or the United States concerned with carrying out this subchapter or any applicable federal law, and to any party to a hearing held under this section on terms the commissioner may prescribe in order to protect these confidential records, reports and information, as long as this disclosure is material and relevant to any issue under consideration by the department."

10. **Duty to reapply.** If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit.

11. **Other laws.** The issuance of this permit does not authorize any injury to persons or property or invasion of other property rights, nor does it relieve the permittee of its obligation to comply with other applicable Federal, State or local laws and regulations.

12. **Inspection and entry.** The permittee shall allow the Department, or an authorized representative (including an authorized contractor acting as a representative of the EPA Administrator), upon presentation of credentials and other documents as may be required by law, to:

- (a) Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
- (d) Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act, any substances or parameters at any location.

## B. OPERATION AND MAINTENANCE OF FACILITIES

### 1. General facility requirements.

- (a) The permittee shall collect all waste flows designated by the Department as requiring treatment and discharge them into an approved waste treatment facility in such a manner as to

# MAINE POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

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maximize removal of pollutants unless authorization to the contrary is obtained from the Department.

- (b) The permittee shall at all times maintain in good working order and operate at maximum efficiency all waste water collection, treatment and/or control facilities.
- (c) All necessary waste treatment facilities will be installed and operational prior to the discharge of any wastewaters.
- (d) Final plans and specifications must be submitted to the Department for review prior to the construction or modification of any treatment facilities.
- (e) The permittee shall install flow measuring facilities of a design approved by the Department.
- (f) The permittee must provide an outfall of a design approved by the Department which is placed in the receiving waters in such a manner that the maximum mixing and dispersion of the wastewaters will be achieved as rapidly as possible.

**2. Proper operation and maintenance.** The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit.

**3. Need to halt or reduce activity not a defense.** It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

**4. Duty to mitigate.** The permittee shall take all reasonable steps to minimize or prevent any discharge or sludge use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

### **5. Bypasses.**

#### (a) Definitions.

- (i) Bypass means the intentional diversion of waste streams from any portion of a treatment facility.
- (ii) Severe property damage means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

- (b) Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of paragraphs (c) and (d) of this section.

#### (c) Notice.

- (i) Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten days before the date of the bypass.

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- (ii) Unanticipated bypass. The permittee shall submit notice of an unanticipated bypass as required in paragraph D(1)(f), below. (24-hour notice).
- (d) Prohibition of bypass.
  - (i) Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless:
    - (A) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
    - (B) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
    - (C) The permittee submitted notices as required under paragraph (c) of this section.
  - (ii) The Department may approve an anticipated bypass, after considering its adverse effects, if the Department determines that it will meet the three conditions listed above in paragraph (d)(i) of this section.

**6. Upsets,**

- (a) Definition. Upset means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.
- (b) Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology based permit effluent limitations if the requirements of paragraph (c) of this section are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.
- (c) Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
  - (i) An upset occurred and that the permittee can identify the cause(s) of the upset;
  - (ii) The permitted facility was at the time being properly operated; and
  - (iii) The permittee submitted notice of the upset as required in paragraph D(1)(f), below. (24 hour notice).
  - (iv) The permittee complied with any remedial measures required under paragraph B(4).
- (d) Burden of proof. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

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### C. MONITORING AND RECORDS

**1. General Requirements.** This permit shall be subject to such monitoring requirements as may be reasonably required by the Department including the installation, use and maintenance of monitoring equipment or methods (including, where appropriate, biological monitoring methods). The permittee shall provide the Department with periodic reports on the proper Department reporting form of monitoring results obtained pursuant to the monitoring requirements contained herein.

**2. Representative sampling.** Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge. If effluent limitations are based wholly or partially on quantities of a product processed, the permittee shall ensure samples are representative of times when production is taking place. Where discharge monitoring is required when production is less than 50%, the resulting data shall be reported as a daily measurement but not included in computation of averages, unless specifically authorized by the Department.

#### **3. Monitoring and records.**

- (a) Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
- (b) Except for records of monitoring information required by this permit related to the permittee's sewage sludge use and disposal activities, which shall be retained for a period of at least five years, the permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the sample, measurement, report or application. This period may be extended by request of the Department at any time.
- (c) Records of monitoring information shall include:
  - (i) The date, exact place, and time of sampling or measurements;
  - (ii) The individual(s) who performed the sampling or measurements;
  - (iii) The date(s) analyses were performed;
  - (iv) The individual(s) who performed the analyses;
  - (v) The analytical techniques or methods used; and
  - (vi) The results of such analyses.
- (d) Monitoring results must be conducted according to test procedures approved under 40 CFR part 136, unless other test procedures have been specified in the permit.
- (e) State law provides that any person who tampers with or renders inaccurate any monitoring devices or method required by any provision of law, or any order, rule license, permit approval or decision is subject to the penalties set forth in 38 MRSA, §349.

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**D. REPORTING REQUIREMENTS**

**1. Reporting requirements.**

- (a) Planned changes. The permittee shall give notice to the Department as soon as possible of any planned physical alterations or additions to the permitted facility. Notice is required only when:
  - (i) The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in 40 CFR 122.29(b); or
  - (ii) The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements under Section D(4).
  - (iii) The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan;
- (b) Anticipated noncompliance. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (c) Transfers. This permit is not transferable to any person except upon application to and approval of the Department pursuant to 38 MRSA, § 344 and Chapters 2 and 522.
- (d) Monitoring reports. Monitoring results shall be reported at the intervals specified elsewhere in this permit.
  - (i) Monitoring results must be reported on a Discharge Monitoring Report (DMR) or forms provided or specified by the Department for reporting results of monitoring of sludge use or disposal practices.
  - (ii) If the permittee monitors any pollutant more frequently than required by the permit using test procedures approved under 40 CFR part 136 or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR or sludge reporting form specified by the Department.
  - (iii) Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the Department in the permit.
- (e) Compliance schedules. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
- (f) Twenty-four hour reporting.
  - (i) The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance



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has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

- (ii) The following shall be included as information which must be reported within 24 hours under this paragraph.

- (A) Any unanticipated bypass which exceeds any effluent limitation in the permit.
- (B) Any upset which exceeds any effluent limitation in the permit.
- (C) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Department in the permit to be reported within 24 hours.

- (iii) The Department may waive the written report on a case-by-case basis for reports under paragraph (f)(ii) of this section if the oral report has been received within 24 hours.

- (g) Other noncompliance. The permittee shall report all instances of noncompliance not reported under paragraphs (d), (e), and (f) of this section, at the time monitoring reports are submitted. The reports shall contain the information listed in paragraph (f) of this section.
- (h) Other information. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Department, it shall promptly submit such facts or information.

**2. Signatory requirement.** All applications, reports, or information submitted to the Department shall be signed and certified as required by Chapter 521, Section 5 of the Department's rules. State law provides that any person who knowingly makes any false statement, representation or certification in any application, record, report, plan or other document filed or required to be maintained by any order, rule, permit, approval or decision of the Board or Commissioner is subject to the penalties set forth in 38 MRSA, §349.

**3. Availability of reports.** Except for data determined to be confidential under A(9), above, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Department. As required by State law, effluent data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal sanctions as provided by law.

**4. Existing manufacturing, commercial, mining, and silvicultural dischargers.** In addition to the reporting requirements under this Section, all existing manufacturing, commercial, mining, and silvicultural dischargers must notify the Department as soon as they know or have reason to believe:

- (a) That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
- (i) One hundred micrograms per liter (100 ug/l);
  - (ii) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony;
  - (iii) Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with Chapter 521 Section 4(g)(7); or
  - (iv) The level established by the Department in accordance with Chapter 523 Section 5(f).

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- (b) That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
- (i) Five hundred micrograms per liter (500 ug/l);
  - (ii) One milligram per liter (1 mg/l) for antimony;
  - (iii) Ten (10) times the maximum concentration value reported for that pollutant in the permit application in accordance with Chapter 521 Section 4(g)(7); or
  - (iv) The level established by the Department in accordance with Chapter 523 Section 5(f).

#### 5. Publicly owned treatment works.

- (a) All POTWs must provide adequate notice to the Department of the following:
- (i) Any new introduction of pollutants into the POTW from an indirect discharger which would be subject to section 301 or 306 of CWA or Chapter 528 if it were directly discharging those pollutants.
  - (ii) Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit.
  - (iii) For purposes of this paragraph, adequate notice shall include information on (A) the quality and quantity of effluent introduced into the POTW, and (B) any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.
- (b) When the effluent discharged by a POTW for a period of three consecutive months exceeds 80 percent of the permitted flow, the permittee shall submit to the Department a projection of loadings up to the time when the design capacity of the treatment facility will be reached, and a program for maintaining satisfactory treatment levels consistent with approved water quality management plans.

#### E. OTHER REQUIREMENTS

**1. Emergency action - power failure.** Within thirty days after the effective date of this permit, the permittee shall notify the Department of facilities and plans to be used in the event the primary source of power to its wastewater pumping and treatment facilities fails as follows.

- (a) For municipal sources. During power failure, all wastewaters which are normally treated shall receive a minimum of primary treatment and disinfection. Unless otherwise approved, alternate power supplies shall be provided for pumping stations and treatment facilities. Alternate power supplies shall be on-site generating units or an outside power source which is separate and independent from sources used for normal operation of the wastewater facilities.
- (b) For industrial and commercial sources. The permittee shall either maintain an alternative power source sufficient to operate the wastewater pumping and treatment facilities or halt, reduce or otherwise control production and or all discharges upon reduction or loss of power to the wastewater pumping or treatment facilities.

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**2. Spill prevention.** (applicable only to industrial sources) Within six months of the effective date of this permit, the permittee shall submit to the Department for review and approval, with or without conditions, a spill prevention plan. The plan shall delineate methods and measures to be taken to prevent and or contain any spills of pulp, chemicals, oils or other contaminants and shall specify means of disposal and or treatment to be used.

**3. Removed substances.** Solids, sludges trash rack cleanings, filter backwash, or other pollutants removed from or resulting from the treatment or control of waste waters shall be disposed of in a manner approved by the Department.

**4. Connection to municipal sewer.** (applicable only to industrial and commercial sources) All wastewaters designated by the Department as treatable in a municipal treatment system will be cosigned to that system when it is available. This permit will expire 90 days after the municipal treatment facility becomes available, unless this time is extended by the Department in writing.

**F. DEFINITIONS.** For the purposes of this permit, the following definitions shall apply. Other definitions applicable to this permit may be found in Chapters 520 through 529 of the Department's rules

**Average** means the arithmetic mean of values taken at the frequency required for each parameter over the specified period. For bacteria, the average shall be the geometric mean.

**Average monthly discharge limitation** means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month. Except, however, bacteriological tests may be calculated as a geometric mean.

**Average weekly discharge limitation** means the highest allowable average of daily discharges over a calendar week, calculated as the sum of all daily discharges measured during a calendar week divided by the number of daily discharges measured during that week.

**Best management practices ("BMPs")** means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.

**Composite sample** means a sample consisting of a minimum of eight grab samples collected at equal intervals during a 24 hour period (or a lesser period as specified in the section on monitoring and reporting) and combined proportional to the flow over that same time period.

**Continuous discharge** means a discharge which occurs without interruption throughout the operating hours of the facility, except for infrequent shutdowns for maintenance, process changes, or other similar activities.

**Daily discharge** means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the daily discharge is calculated as the average measurement of the pollutant over the day.

# MAINE POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

## STANDARD CONDITIONS APPLICABLE TO ALL PERMITS

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**Discharge Monitoring Report ("DMR")** means the EPA uniform national form, including any subsequent additions, revisions, or modifications for the reporting of self-monitoring results by permittees. DMRs must be used by approved States as well as by EPA. EPA will supply DMRs to any approved State upon request. The EPA national forms may be modified to substitute the State Agency name, address, logo, and other similar information, as appropriate, in place of EPA's.

**Flow weighted composite sample** means a composite sample consisting of a mixture of aliquots collected at a constant time interval, where the volume of each aliquot is proportional to the flow rate of the discharge.

**Grab sample** means an individual sample collected in a period of less than 15 minutes.

**Interference** means a Discharge which, alone or in conjunction with a discharge or discharges from other sources, both:

- (1) Inhibits or disrupts the POTW, its treatment processes or operations, or its sludge processes, use or disposal; and
- (2) Therefore is a cause of a violation of any requirement of the POTW's NPDES permit (including an increase in the magnitude or duration of a violation) or of the prevention of sewage sludge use or disposal in compliance with the following statutory provisions and regulations or permits issued thereunder (or more stringent State or local regulations): Section 405 of the Clean Water Act, the Solid Waste Disposal Act (SWDA) (including title II, more commonly referred to as the Resource Conservation and Recovery Act (RCRA), and including State regulations contained in any State sludge management plan prepared pursuant to subtitle D of the SWDA), the Clean Air Act, the Toxic Substances Control Act, and the Marine Protection, Research and Sanctuaries Act.

**Maximum daily discharge limitation** means the highest allowable daily discharge.

**New source** means any building, structure, facility, or installation from which there is or may be a discharge of pollutants, the construction of which commenced:

- (a) After promulgation of standards of performance under section 306 of CWA which are applicable to such source, or
- (b) After proposal of standards of performance in accordance with section 306 of CWA which are applicable to such source, but only if the standards are promulgated in accordance with section 306 within 120 days of their proposal.

**Pass through** means a discharge which exits the POTW into waters of the State in quantities or concentrations which, alone or in conjunction with a discharge or discharges from other sources, is a cause of a violation of any requirement of the POTW's NPDES permit (including an increase in the magnitude or duration of a violation).

**Permit** means an authorization, license, or equivalent control document issued by EPA or an approved State to implement the requirements of 40 CFR parts 122, 123 and 124. Permit includes an NPDES general permit (Chapter 529). Permit does not include any permit which has not yet been the subject of final agency action, such as a draft permit or a proposed permit.

**Person** means an individual, firm, corporation, municipality, quasi-municipal corporation, state agency, federal agency or other legal entity.

## MAINE POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

### STANDARD CONDITIONS APPLICABLE TO ALL PERMITS

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**Point source** means any discernible, confined and discrete conveyance, including, but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation or vessel or other floating craft, from which pollutants are or may be discharged.

**Pollutant** means dredged spoil, solid waste, junk, incinerator residue, sewage, refuse, effluent, garbage, sewage sludge, munitions, chemicals, biological or radiological materials, oil, petroleum products or byproducts, heat, wrecked or discarded equipment, rock, sand, dirt and industrial, municipal, domestic, commercial or agricultural wastes of any kind.

**Process wastewater** means any water which, during manufacturing or processing, comes into direct contact with or results from the production or use of any raw material, intermediate product, finished product, byproduct, or waste product.

**Publicly owned treatment works ("POTW")** means any facility for the treatment of pollutants owned by the State or any political subdivision thereof, any municipality, district, quasi-municipal corporation or other public entity.

**Septage** means, for the purposes of this permit, any waste, refuse, effluent sludge or other material removed from a septic tank, cesspool, vault privy or similar source which concentrates wastes or to which chemicals have been added. Septage does not include wastes from a holding tank.

**Time weighted composite** means a composite sample consisting of a mixture of equal volume aliquots collected over a constant time interval.

**Toxic pollutant** includes any pollutant listed as toxic under section 307(a)(1) or, in the case of sludge use or disposal practices, any pollutant identified in regulations implementing section 405(d) of the CWA. Toxic pollutant also includes those substances or combination of substances, including disease causing agents, which after discharge or upon exposure, ingestion, inhalation or assimilation into any organism, including humans either directly through the environment or indirectly through ingestion through food chains, will, on the basis of information available to the board either alone or in combination with other substances already in the receiving waters or the discharge, cause death, disease, abnormalities, cancer, genetic mutations, physiological malfunctions, including malfunctions in reproduction, or physical deformations in such organism or their offspring.

**Wetlands** means those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas.

**Whole effluent toxicity** means the aggregate toxic effect of an effluent measured directly by a toxicity test.

**MAINE POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT  
MAINE WASTE DISCHARGE LICENSE**

**FACT SHEET**

DATE: September 19, 2019

PERMIT NUMBER: ME0100528

WASTE DISCHARGE LICENSE: W001477-6D-J-R

NAME AND ADDRESS OF APPLICANT:  
TOWN OF PITTSFIELD  
112 Somerset Avenue  
Pittsfield, Maine 04967

COUNTY: SOMERSET

NAME AND ADDRESS WHERE DISCHARGE(S) OCCUR(S):  
TOWN OF PITTSFIELD  
McCarthy Road  
Pittsfield, Maine 04967

RECEIVING WATER CLASSIFICATION: Sebasticook River, Class C

COGNIZANT OFFICIAL CONTACT INFORMATION:  
Mr. Chris Pelletier  
(207) 487-3136  
[waterpittsfield@gmail.com](mailto:waterpittsfield@gmail.com)

**1. APPLICATION SUMMARY**

- a. Application: On August 7, 2019, the Town of Pittsfield (Town/permittee hereinafter) submitted a timely and complete application to the Department to renew Maine Pollutant Discharge Elimination System (MEPDES) #ME0100528 /Waste Discharge License (WDL) #W001477-6D-I-R (permit hereinafter) , which was issued by the Department on December 18, 2014, for a five-year term. The 12/18/19 MEPDES permit authorized the monthly average discharge of 1.5 million gallons per day (MGD) of secondary treated municipal wastewater to the Sebasticook River, Class C, in Pittsfield, Maine.

## 1. APPLICATION SUMMARY (cont'd)

- b. Source Description: The Town of Pittsfield operates a municipal wastewater treatment facility (Pittsfield WWTF) located on the McCarthy Road in Pittsfield, Maine, which has been online since 1978. The treatment facility currently serves a population of approximately 1,200 customers with two known minor industrial users, CM Almy & Son, Inc. and UTC, which are both manufacturing companies that include metals finishing processes. The Pittsfield WWTF cited a 1998 study which indicates that the industrial users contributed less than 10% of the total wastewater volume received by the facility. The Pittsfield WWTF is not required to implement a formal pretreatment program. There are no combined sewer overflow (CSO) points associated with the collection system and the system consists of approximately 26.7 miles of various types and diameter sewer lines with two pump stations.

According to a report from Olver Associates Inc., dated October 30, 2008, The Phase One preliminary sewer system evaluation identified approximately 46,700 LF of sewer (about 8.8 miles) where excessive groundwater infiltration or stormwater flow may be occurring. Since this study the Town has installed 9,896 feet of new sewer mains.

The previous permitting action authorized the Pittsfield facility to receive and introduce into the treatment works up to a daily maximum of up to 3,000 gallons per day only of transported septage wastes in accordance with *Standards for the Addition of Transported Wastes to Waste Water Treatment Facilities*, 06-096 CMR 555 (last amended February 5, 2009).

A map showing the location of the treatment facility, freshwater wetland, and Sebasticook River is included as **Attachment A** of this Fact Sheet.

- c. Wastewater Treatment: The Pittsfield WWTF provides a secondary level of treatment via a facultative lagoon system operated in series. Two main interceptor sewer pipes carry wastewater from the collection system to the treatment facility. The West Branch of the Sebasticook River flows through the center of downtown Pittsfield and sewage is conveyed across the river from the east side of Town via the east interceptor. The east interceptor pipe conveys flows through a grit collection chamber located on Hunniwell Avenue. The west interceptor pipe carries flows from the west side of town, and the two interceptors converge to a single 30-inch diameter sewer line on McCarthy Road, which continues to the treatment lagoons. The system does not provide for grit removal from the west interceptor. The facility reported that twice annually (once in the spring and once in the fall) a few cubic yards of heavy settled sludge are removed from the grit chamber and hauled to the influent structure at the head end of the first treatment lagoon for biological treatment.

The influent flow is measured using a Parshall flume located in the inlet measuring chamber, and is conveyed through an influent gate located at the head end of the lagoon system. The two facultative lagoons each occupy approximately 35 acres of land area and have a combined total capacity of approximately 144,000,000 gallons at an average depth of five (5) feet. The lagoon system provides a total retention time of approximately 180 days during normal weather conditions. Treated wastewater is conveyed through a weir gate installed on the west end of the second lagoon to a Parshall flume located in the adjacent treatment facility building. Influent and effluent flows are recorded using an ultrasonic flow meter. The treatment plant was designed with a gas chlorination system and a contact chamber with a designed contact time of approximately 30 minutes. However, the facility has been able to achieve compliance with the applicable bacteria limits established in previous permits without the need to chlorinate the effluent.

## 1. APPLICATION SUMMARY (cont'd)

The treated effluent is conveyed for discharge to a palustrine scrub-shrub wetland via a 30-inch diameter reinforced concrete outfall pipe identified as Outfall #001A. The wetland serves as a conveyance to the Sebasticook River.

The lagoon system was designed with the intent that each lagoon cell would be drained once every ten to twenty years, on average, for sludge removal. The Town of Pittsfield reported that during the summer of 2011, the facility contracted with Olver Associates Inc. to remove approximately 1,200 dry tons of sludge from Lagoon 1. Residuals management is regulated outside of this permitting action.

A process flow diagram submitted by the permittee is included as Fact Sheet **Attachment B**.

## 2. PERMIT SUMMARY

- a. Terms and Conditions: This permitting action is carrying forward all the terms and conditions of the previous permitting actions except this permit:

1. Expanding the season in which *E. coli* bacteria limitations and monitoring requirements are applicable from May 15<sup>th</sup> -September 30<sup>th</sup> of each year to April 15<sup>th</sup> – October 31<sup>st</sup> of each year based a revision to Maine law 38 M.R.S. §465(4)(B).

- b. History: The most current relevant regulatory actions include:

September 29, 1999 – The U.S. Environmental Protection Agency (USEPA) issued National Pollution Elimination Discharge System (NPDES) permit #ME0100528 to the Town of Pittsfield for the monthly average discharge of 1.5 MGD secondary treated sanitary wastewater. This permitting action superseded previous NPDES permits issued on 9/20/94, 9/23/92, 3/1/91, 9/30/87, and 9/3/82, and expired on March 31, 2003.

December 17, 1998 – The Department issued WDL #W001477-5L-D-R for a five-year term.

May 23, 2000 – The Department administratively modified WDL # W001477-5L-D-R by establishing interim average and maximum concentration limits for the discharge of mercury.

July 21, 2000 – The Department administratively modified WDL #W001477-5L-D-R through issuance of a letter and revised effluent limitations table. The modification included a new provision, described in the footnotes section of the effluent limits table, that allowed for excursions of pH above and below the licensed limits, provided that excursions were the result of natural causes and that the licensee provide the Department with a written explanation for all excursions. The pH range was the only parameter addressed in the letter accompanying the revised limits table. However, the revised limits table contained a requirement to collect 24-hour composite samples for BOD<sub>5</sub> and TSS while the original limits table required grab samples. This change was not coded into the permit compliance system (PCS) database and the sample type continued to appear as a grab sample type on the facility's



## 2. PERMIT SUMMARY (cont'd)

monthly discharge monitoring reports (DMR). The revised limits table also included a reporting requirement for the daily maximum discharge flow values, while the original table did not have a reporting requirement. The revised limits table included a daily maximum concentration limit of 0.3 ml/L for settleable solids, while the original table contained a less restrictive reporting requirement. The aforementioned changes to the discharge flow and settleable solids parameters were properly coded into the PCS database and appeared on the facility's DMR.

January 12, 2001 – The Department received authorization from the USEPA to administer the NPDES permitting program in Maine, excluding areas of special interest to Maine Indian Tribes. From this point forward, the program has been referred to as the Maine Pollutant Discharge Elimination System (MEPDES) program, and MEPDES permit #ME0100528 has been utilized for this facility.

June 8, 2004 – The Department issued WDL #W001477-5L-F-R / MEPDES Permit #ME0100528 to the Town for a five-year term. The 6/8/04 permit superseded WDL #W001477-5L-D-R issued on 12/17/98, WDL #W001477-46-C-R issued on 8/20/92, WDL #W001477-46-B-R issued on 2/4/88, WDL #1477 issued on 11/23/82, and WDL #1477 issued on 6/13/77.

July 9, 2004 – The Town filed an appeal of the 6/8/04 permitting decision with the Maine Board of Environmental Protection (Board). The basis for the appeal is summarized in Section 4 of Board Order #W001477-5L-F-Z. The Board unanimously upheld Department Order #W001477-5L-F-R and denied the Town's appeal in the November 4, 2004 Board Order #W001477-5L-F-Z.

April 10, 2006 – The Department amended the 6/8/04 permit to incorporate testing requirements of 06-096 CMR 530.

August 26, 2009 – The Department issued WDL #W001477-6D-G-R / MEPDES Permit #ME0100528 to the Town for a five-year term.

January 23, 2012 – The Department issued a permit modification to WDL #W001477-6D-G-R / MEPDES Permit #ME0100528 to remove the monthly average limitations, monitoring requirements and reporting requirements for dibenzo (A,H) anthracene and indeno (1,2,3-CD) pyrene.

February 6, 2012 – The Department issued permit modification #ME0100528/WDL# W001477-6D-H-M to incorporate the average and maximum concentration limits for total mercury.

May 16, 2014 – The Town submitted a timely and complete General Application to the Department for renewal of the August 26, 2009 MEPDES permit. The application was accepted for processing on May 16, 2014, and was assigned WDL #W001477-6D-I-R / MEPDES #ME0100528.

December 18, 2014 – The Department issued WDL #W001477-6D-I-R / MEPDES Permit #ME0100528 to the Town for a five-year term.

August 7, 2019 – The Town submitted a timely and complete General Application to the Department for renewal of the December 18, 2019, MEPDES permit. The application was accepted for processing on August 21, 2019, and was assigned WDL #W001477-6D-I-R / MEPDES #ME0100528.

### 3. CONDITIONS OF PERMIT

*Conditions of licenses*, 38 M.R.S. § 414-A, requires that the effluent limitations prescribed for discharges, including, but not limited to, effluent toxicity, require application of best practicable treatment (BPT), be consistent with the U.S. Clean Water Act, and ensure that the receiving waters attain the State water quality standards as described in Maine's Surface Water Classification System. In addition, 38 M.R.S. § 420 and 06-096 CMR 530 require the regulation of toxic substances not to exceed levels set forth in *Surface Water Quality Criteria for Toxic Pollutants*, 06-096 CMR 584 (last amended July 29, 2012), and that ensure safe levels for the discharge of toxic pollutants such that existing and designated uses of surface waters are maintained and protected.

### 4. RECEIVING WATER QUALITY STANDARDS

*Classification of major river basins*, 38 M.R.S. §467(4)(H)(1)(a) classifies the Sebasticook River at the point of discharge as a Class C waterway. The freshwater wetland at the point of discharge is hydrologically connected to the Sebasticook River via surface and ground water flows and is also considered to be a Class C waterbody. *Standards for classification of fresh surface waters*, 38 M.R.S. § 465(4) describes the standards for Class C waters as follows;

- A. *Class C waters must be of such quality that they are suitable for the designated uses of drinking water supply after treatment; fishing; agriculture; recreation in and on the water; industrial process and cooling water supply; hydroelectric power generation, except as prohibited under Title 12, section 403; navigation; and as a habitat for fish and other aquatic life.*
- B. *The dissolved oxygen content of Class C water may not be less than 5 parts per million or 60% of saturation, whichever is higher, except that in identified salmonid spawning areas where water quality is sufficient to ensure spawning, egg incubation and survival of early life stages, that water quality sufficient for these purposes must be maintained. In order to provide additional protection for the growth of indigenous fish, the following standards apply.*
  - (1) *The 30-day average dissolved oxygen criterion of a Class C water is 6.5 parts per million using a temperature of 22 degrees centigrade or the ambient temperature of the water body, whichever is less, if:*
    - (a) *A license or water quality certificate other than a general permit was issued prior to March 16, 2004 for the Class C water and was not based on a 6.5 parts per million 30-day average dissolved oxygen criterion; or*
    - (b) *A discharge or a hydropower project was in existence on March 16, 2005 and required but did not have a license or water quality certificate other than a general permit for the Class C water.*

*This criterion for the water body applies to licenses and water quality certificates issued on or after March 16, 2004.*

#### 4. RECEIVING WATER QUALITY STANDARDS (cont'd)

*(2) In Class C waters not governed by subparagraph (1), dissolved oxygen may not be less than 6.5 parts per million as a 30-day average based upon a temperature of 24 degrees centigrade or the ambient temperature of the water body, whichever is less. This criterion for the water body applies to licenses and water quality certificates issued on or after March 16, 2004.*

*The department may negotiate and enter into agreements with licensees and water quality certificate holders in order to provide further protection for the growth of indigenous fish. Agreements entered into under this paragraph are enforceable as department orders according to the provisions of sections 347-A to 349.*

*Between April 15th and October 31st, the number of Escherichia coli bacteria in Class C waters may not exceed a geometric mean of 100 CFU per 100 milliliters over a 90-day interval or 236 CFU per 100 milliliters in more than 10% of the samples in any 90-day interval. The board shall adopt rules governing the procedure for designation of spawning areas. Those rules must include provision for periodic review of designated spawning areas and consultation with affected persons prior to designation of a stretch of water as a spawning area.*

*C. Discharges to Class C waters may cause some changes to aquatic life, except that the receiving waters must be of sufficient quality to support all species of fish indigenous to the receiving waters and maintain the structure and function of the resident biological community. For the purpose of allowing the discharge of aquatic pesticides or chemicals approved by the department and conducted by the department, the Department of Inland Fisheries and Wildlife or an agent of either agency to restore biological communities affected by an invasive species, the department may find that the discharged effluent will not cause unacceptable changes to aquatic life as long as the materials and methods used will ensure the support of all species of indigenous fish and the structure and function of the resident biological community and will allow restoration of nontarget species.*

#### 5. RECEIVING WATER QUALITY CONDITIONS

*The State of Maine 2016 Integrated Water Quality Monitoring and Assessment Report* (Report), prepared by the Department pursuant to Sections 303(d) and 305(b) of the Federal Water Pollution Control Act, lists the segment where the discharge occurs in the Sebasticook River as ABD Assessment Unit ID ME0103000308\_330R in the following categories:

“Category 5-A: Rivers and Streams Impaired by Pollutants Other Than Those Listed in 5-B Through 5-D (TMDL Required).” Impairment in this context refers to the presence of dioxin (including 2,3,7,8-TCDD). The TMDL has not started yet and is a low priority for total maximum daily load (TMDL).

“Category 5-D: Rivers and Streams Impaired by Legacy Pollutants.” Impairment in this context refers to a fish consumption advisory due to the presence of polychlorinated biphenyls.

## 5. RECEIVING WATER QUALITY CONDITIONS (cont'd)

The Report lists all of Maine's fresh waters as, "Category 4-A: Waters Impaired by Atmospheric Deposition of Mercury." Impairment in this context refers to a statewide fish consumption advisory due to elevated levels of mercury in some fish tissues. The Report states, "All freshwaters are listed in Category 4A (TMDL Completed) due to USEPA approval of a Regional Mercury TMDL. Maine has a fish consumption advisory for fish taken from all freshwaters due to mercury. Many waters, and many fish from any given water, do not exceed the action level for mercury. However, because it is impossible for someone consuming a fish to know whether the mercury level exceeds the action level, the Maine Department of Health and Human Services decided to establish a statewide advisory for all freshwater fish that recommends limits on consumption. Maine has already instituted statewide programs for removal and reduction of mercury sources." Pursuant to 38 M.R.S.A. § 420(1-B)(B), "a facility is not in violation of the ambient criteria for mercury if the facility is in compliance with an interim discharge limit established by the Department pursuant to section 413 subsection 11." The Department has established interim monthly average and daily maximum mercury concentration limits and reporting requirements for this facility pursuant to 06-096 CMR 519.

The Department has no information at this time that the discharge from the Town of Pittsfield, as permitted, will cause or contribute to the failure of the receiving water to meet the designated uses of its ascribed classification.

## 6. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

- a. Flow: The previous permitting action established, and this permitting action is carrying forward, a monthly average discharge flow limit of 1.5 MGD based on the design capacity for the treatment facility, and a daily maximum discharge flow reporting requirement.

A review of the Discharge Monitoring Report (DMR) data for the period January 2016 – June 2019 indicates values have been reported as follows:

### Flow

Value	Limit (MGD)	Range (MGD)	Mean (MGD)
Monthly Average	1.5	0.14 – 1.49	0.93
Daily Maximum	Report	0.63 – 4.64	1.82

- b. Dilution Factors:

06-096 CMR 530(4)(B)(1) states that, "Analyses using numerical acute criteria for aquatic life must be based on 1/4 of the 1Q10 stream design flow to prevent substantial acute toxicity within any mixing zone and to ensure a zone of passage of at least 3/4 of the cross-sectional area of any stream as required by Chapter 581. Where it can be demonstrated that a discharge achieves rapid and complete mixing with the receiving water by way of an efficient diffuser or other effective method, analyses may use a greater proportion of the stream design flow, up to and including all of it, as long as the required zone of passage is maintained." With a permitted flow limitation of 1.5 MGD and the location and configuration of the outfall structure, the Department has established dilution factors as follow:

**6. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (cont'd)**

Acute = 6.6:1

Chronic = 13.4:1

Harmonic mean<sup>1</sup> = 40.2:1

The fact sheet associated with the previous permitting action stated, "*Effluent discharged by the Pittsfield WWTF flows through a freshwater wetland before entering the surface of the Sebasticook River as sheet flow. Due to uncertainties of the impacts and available mixing within the wetland, the Department is making a best professional judgment determination to utilize the full 1Q10 stream design flow recognizing that, at least in terms of the river, there is likely additional dilution from the wetland.*"

- c. Biochemical Oxygen Demand (BOD<sub>5</sub>) and Total Suspended Solids (TSS): The previous permitting action established, and this permitting action is carrying forward, monthly average, weekly average and daily maximum technology-based concentration limits of 30 mg/L and 45 mg/L, respectively, for BOD<sub>5</sub> and TSS based on the secondary treatment requirements specified at *Effluent Guidelines and Standards*, 06-096 CMR 525(3)(III) (effective January 12, 2001), and a daily maximum concentration limit of 50 mg/L, which is based on a Department best professional judgment of best practicable treatment (BPT) for secondary treated wastewater. This permitting action is carrying forward a requirement for a minimum of 85% removal of BOD<sub>5</sub> & TSS pursuant to 06-096 CMR 525(3)(III)(a&b)(3). Percent removal is based on a rolling average calculation as described in Special Condition A, Footnote #2 of the permit.

The technology-based monthly average, weekly average and daily maximum mass limits in the previous permitting action for BOD<sub>5</sub> and TSS are being carried forward in this permit and are based on the monthly average flow design criterion of 1.5 MGD and the applicable concentration limits. The calculations are as follows:

Monthly average: (1.5 MGD)(8.34)(30 mg/L) = 375 lbs./day

Weekly average: (1.5 MGD)(8.34)(45 mg/L) = 563 lbs./day

Daily Maximum: (1.5 MGD)(8.34)(50 mg/L) = 626 lbs./day

A review of the Discharge Monitoring Report (DMR) data for the period January 2016 – June 2019 indicates values have been reported as follows:

**BOD<sub>5</sub> mass**

Value	Limit (lbs./day)	Range (lbs./day)	Mean (lbs./day)
Monthly Average	375	0 - 155	69
Weekly Average	563	0 - 344	109
Daily Maximum	626	0 - 344	109

<sup>1</sup> The harmonic mean dilution factor is approximated by multiplying the chronic dilution factor by three (3). This multiplying factor is based on guidelines for estimation of human health dilution presented in the U.S. EPA publication, "*Technical Support Document for Water Quality-Based Toxics Control*" (Office of Water; EPA/505/2-90-001, page 88), and represents an estimation of harmonic mean flow on which human health dilutions are based in a riverine 7Q10 flow situation.

## 6. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (cont'd)

### BOD<sub>5</sub> concentration

Value	Limit (mg/L)	Range (mg/L)	Mean (mg/L)
Monthly Average	30	2 - 20	8
Weekly Average	45	2 - 26	10
Daily Maximum	50	2 - 26	10

### BOD<sub>5</sub> % removal

Value	Limit (%)	Range (%)	Mean (%)
Monthly Average	85	95 - 98	97

### TSS mass

Value	Limit (lbs./day)	Range (lbs./day)	Mean (lbs./day)
Monthly Average	375	0 - 167	45
Weekly Average	563	0 - 295	78
Daily Maximum	626	1 - 295	77

### TSS concentration

Value	Limit (mg/L)	Range (mg/L)	Mean (mg/L)
Monthly Average	30	1 - 20	6
Weekly Average	45	1 - 26	8
Daily Maximum	50	1 - 26	8

### TSS % removal

Value	Limit (%)	Range (%)	Mean (%)
Monthly Average	85	96-99	98

- d. *Escherichia coli* Bacteria – The previous permitting established seasonal (May 15-September 30 of each year) monthly average and daily maximum *E. coli* bacteria concentration limits of 126 colonies/100 ml and 949 colonies/100 ml, respectively. The monthly average concentration limit is based on 38 M.R.S. § 465(4) which requires that the *E. coli* bacteria of human and domestic animal origin in Class C waters may not exceed a geometric mean of 126 colonies/100 ml or an instantaneous level of 236 colonies/100 ml. The Department has determined that end-of-pipe limitations for the instantaneous concentration standard of 236 colonies/100 ml will be achieved through available dilution of the effluent with the receiving waters and need not be revised in MEPDES permits for facilities with adequate dilution.

On August 2, 2018, 38 M.R.S. §465 (B) was revised to expanded the season in which *E. coli* bacteria limitations are applicable. The season was revised from May 15<sup>th</sup> – September 30 to April 15<sup>th</sup> – October 31<sup>st</sup>. This revision is being imposed in the this permit however, the Department reserves the right to impose year-round bacteria limits if deemed necessary to protect the health, safety and welfare of the public.

**6. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (cont'd)**

A review of the Discharge Monitoring Report (DMR) data for the period May 2016 – June 2019 indicates values have been reported as follows:

***E. coli* Bacteria**

Value	Limit (col/100 ml)	Range (col/100 ml)	Mean (col/100 ml)
Monthly Average	126	3 - 83	17
Daily Maximum	949	10 - 109	37

- e. **Total Residual Chlorine (TRC):** The previous permitting action established technology-based monthly average and water quality-based daily maximum concentration limits of 0.1 mg/L and 0.13 mg/L, respectively, for TRC. Limitations on TRC are specified to ensure that ambient water quality standards are maintained and that BPT technology is being applied to the discharge. Department permitting actions impose the more stringent of either a water quality-based or BPT-based limit. With dilution factors as determined above, end-of-pipe (EOP) water quality-based concentration thresholds for TRC may be calculated as follows:

Acute (A) Criterion	Chronic (C) Criterion	A & C Dilution Factors	Calculated Acute Threshold	Chronic Threshold
0.019 mg/L	0.011 mg/L	6.6:1(A) 13.4:1 (C)	0.13 mg/L	0.147 mg/L

The Department has established a daily maximum BPT limitation of 1.0 mg/L for facilities that disinfect their effluent with elemental chlorine or chlorine-based compounds. For facilities that need to dechlorinate the discharge in order to meet water quality-based thresholds, the Department has established daily maximum and monthly average BPT limits of 0.3 mg/L and 0.1 mg/L, respectively. The Town was designed and constructed with all necessary structures and mechanisms to administer chlorine-based compounds to the effluent prior to discharge if deemed necessary to meet the *E. coli* limits established in this permit. However, the retention time provided by the lagoon system has allowed the facility to discharge treated wastewater without chlorination or other means of disinfection while maintaining compliance with *E. coli* limits for Class C waters, and the Pittsfield WWTF has not used chlorine or any other chemicals for disinfection since it went online in 1978. Although the facility does not disinfect the final effluent prior to discharge, chlorination may be necessary during sludge removal projects. Therefore, the Department is carrying forward numeric discharge limits for TRC.

The Department has determined that the Town must dechlorinate the final effluent prior to discharge when using chlorine-based compounds for disinfection in order to meet the water quality based thresholds. The calculated acute water quality-based threshold of 0.13 mg/L is more stringent than the daily maximum technology-based standard of 0.3 mg/L and is therefore being carried forward in this permitting action. The monthly average technology-based standard of 0.1 mg/L is more stringent than the calculated chronic water quality-based threshold of 0.147 mg/L and is therefore being carried forward in this permitting action.

## 6. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (cont'd)

It is noted that the Town did not disinfect during the term of the previous permit term. This permitting action is carrying forward the minimum monitoring frequency for TRC of once per day, which is required only when the facility is disinfecting the effluent.

- f. pH: The previous permitting action established, and this permitting action is carrying forward, a technology-based pH limit of 6.0 – 9.0 standard units (SU), which is based on 06-096 CMR 525(3)(III), and allowance for excursions of pH above and below the permitted limits provided that excursions were the result of natural causes and that the permittee provides the Department with an oral explanation for all excursions within 24 hours of the permittee becoming aware of the circumstances and a written explanation within 5 days of the permittee becoming aware of the situation.

A review of the Discharge Monitoring Report (DMR) data for the period May 2016 – June 2019 indicates values have been reported as follows:

### pH

Value	Limit (SU)	Minimum (SU)	Maximum (SU)
Range	6.0 – 9.0	6.0	9.6

- g. Mercury: Pursuant to *Certain deposits and discharges prohibited*, 38 M.R.S. § 420 and *Waste discharge licenses*, 38 M.R.S. § 413 and *Interim Effluent Limitations and Controls for the Discharge of Mercury*, 06-096 CMR 519 (last amended October 6, 2001), the Department issued a *Notice of Interim Limits for the Discharge of Mercury* to the permittee thereby administratively modifying WDL W001477-6D-G-R by establishing interim monthly average and daily maximum effluent concentration limits of 4.5 parts per trillion (ppt) and 6.8 ppt, respectively, and a minimum monitoring frequency requirement of two (2) tests per year for mercury. It is noted the limitations have been incorporated into Special Condition A, *Effluent Limitations And Monitoring Requirements*, of this permit.

38 M.R.S. § 420(1-B)(B)(1) provides that a facility is not in violation of the AWQC for mercury if the facility is in compliance with an interim discharge limit established by the Department. A review of the DMR data for the period October 1999 – February 2019 indicates values have been reported as follows:

### Mercury (n=37)

Value	Limit (ng/L)	Range (ng/L)	Mean (ng/L)
Average	4.5	0.6 - 11	2.6
Daily Maximum	6.8		

Pursuant to 38 M.R.S. § 420(1-B)(F), the Department issued a minor revision on February 6, 2012, thereby revising the minimum monitoring frequency requirement from four times per year to once per year given the permittee has maintained at least 5 years of mercury testing data.

Pursuant to 38 M.R.S. § 420(1-B)(F), this permitting action is carrying forward the 1/Year monitoring frequency established in the February 6, 2012 permit modification.



## 6. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (cont'd)

- i. Total Phosphorus: Wetlands are known for their ability to remove and transform nutrients. Given that there are no nutrient criteria for wetlands and that the Department is not aware of any nutrient related problems affecting water quality in the palustrine scrub-shrub wetland at Pittsfield, the Department is not requiring phosphorous sampling at this time. The Department does, however, reserve the right to impose phosphorous testing requirements at any time if deemed necessary and appropriate to protect water quality or aquatic life.

- j. Whole Effluent Toxicity (WET), Priority Pollutant, and Analytical Chemistry Testing

38 M.R.S. § 414-A and 38 M.R.S. § 420 prohibit the discharge of effluents containing substances in amounts that would cause the surface waters of the State to contain toxic substances above levels set forth in Federal Water Quality Criteria as established by the USEPA.

06-096 CMR 530(2)(A) specifies the dischargers subject to the rule as:

*All licensed dischargers of industrial process wastewater or domestic wastes discharging to surface waters of the State must meet the testing requirements of this section. Dischargers of other types of wastewater are subject to this subsection when and if the Department determines that toxicity of effluents may have reasonable potential to cause or contribute to exceedances of narrative or numerical water quality criteria.*

The Department has determined that the applicant's discharge is subject to the testing requirements of the toxics rule.

06-096 CMR 530(3)(E) states:

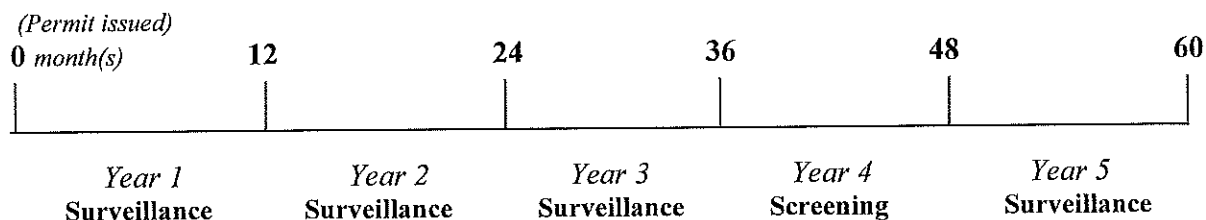
*For effluent monitoring data and the variability of the pollutant in the effluent, the Department must apply the statistical approach in Section 3.3.2 and Table 3-2 of USEPA's "Technical Support Document for Water Quality-Based Toxics Control" (USEPA Publication 505/2-90-001, March, 1991, USEPA, Office of Water, Washington, D.C.) to data to determine whether water-quality based effluent limits must be included in a waste discharge license. Where it is determined through this approach that a discharge contains pollutants or WET at levels that have a reasonable potential to cause or contribute to an exceedance of water quality criteria, appropriate water quality-based limits must be established in any licensing action.*

WET, priority pollutant and analytical chemistry testing, as required by 06-096 CMR 530, are being taken into consideration in this permit in order to characterize the effluent.

## 6. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (cont'd)

06-096 CMR 530(2)(D)(1) specifies WET, priority pollutant, and analytical chemistry test schedules for dischargers based on their level<sup>1</sup> as defined by 06-096 CMR 530(2)(B). Please see 06-096 CMR 530(2)(D)(1) for a listing of routine test schedules.

Each year of the five-year permit cycle is categorized as either a screening or a surveillance testing year. Surveillance testing years begin upon issuance of the permit and last through 24 months prior to permit expiration (years 1-3 of the permit) and commencing again 12 months prior to permit expiration (year 5 of the permit). Screening level testing begins 24 months prior to permit expiration and lasts through 12 months prior to permit expiration (year 4 of the term of the permit) and every five years thereafter if a timely request for renewal has been made and the permit continues in force, or is replaced by a permit renewal containing this requirement.



06-096 CMR 530(2)(D)(3)(d) states in part that for Level I facilities "... *may reduce surveillance testing to one WET or specific chemical series per year provided that testing in the preceding 60 months does not indicate any reasonable potential for exceedance as calculated pursuant to section 3(E)*".

### WET Evaluation

WET monitoring is designed to assess and protect against impacts upon water quality and designated uses caused by the aggregate effect of the discharge on specific aquatic organisms. Acute and chronic WET tests are performed on the invertebrate water flea (*Ceriodaphnia dubia*) and vertebrate brook trout (*Salvelinus fontinalis*). The freshwater WET testing program, however, is typically applied to direct discharges to riverine systems and the Department made a best professional judgment determination in the previous permitting action to not require WET testing of the Pittsfield WWTF discharge since this discharge is directed into a freshwater wetland adjacent to the Sebasticook River. This determination is consistent with that of the USEPA, who determined that WET testing was not an adequate environmental indicator for the discharge associated with the Pittsfield WWTF and suspended WET testing requirements upon issuance of the facility's 9/29/99 NPDES permit.

<sup>1</sup> A facility falls into an applicable level based on their chronic dilution factor. The chronic dilution factor associated with the discharge from the permittee is 13.4:1; therefore, pursuant to 06-096 CMR 530(2)(B), this facility is considered a Level I facility for purposes of toxics testing.

## 6. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (cont'd)

This permitting action is carrying forward the previous determination to not require WET testing using the Pittsfield WWTF effluent. As a result of the waived testing, Special Condition K, *06-096 CMR 530(2)(D)(4) Statement For Reduced/Waived Toxics Testing* of this permit requires an annual certification statement be submitted to the Department pursuant to 06-096 CMR 530(2)(D)(4). The Department does, however, reserve the right to impose WET testing requirements at any time if deemed necessary and appropriate to protect water quality or aquatic life.

### Analytical Chemistry & Priority Pollutant Evaluation

Chemical-specific monitoring is required to assess the levels of individual toxic pollutants in the discharge, comparing each pollutant to acute, chronic, and human health water quality criteria. This permit provides for reconsideration of effluent limits and monitoring schedules after evaluation of toxicity testing results. The monitoring schedule includes consideration of results currently on file, the nature of the wastewater, existing treatment, and receiving water characteristics. 06-096 CMR 584 sets forth ambient water quality criteria (AWQC) for toxic pollutants and procedures necessary to control levels of toxic pollutants in surface waters. The Department's DeTox system evaluates the chemical results from your facility as well as other dischargers within the watershed. For a list analytical chemistry and priority pollutant parameters see [https://www.maine.gov/dep/water/wd/municipal\\_industrial/index.html](https://www.maine.gov/dep/water/wd/municipal_industrial/index.html) for a list

On August 20, 2019, the Department conducted a statistical evaluation of the most recent 60 months of chemical-specific test results on file with the Department for the permittee's facility in accordance with the statistical approach outlined above. The evaluation indicates that the discharge does not exceed or demonstrate a reasonable potential to exceed the critical AWQC for any parameters tested.

Based on the results of the August 20, 2019, statistical evaluation, this permitting action maintains the established screening level testing for priority pollutants of once per screening year (1/Screening Year) and does not establish water quality-based effluent limitations for priority pollutants. Surveillance level priority pollutant monitoring is not required for Level I facilities per 06-096 CMR 530(2)(D)(3)(b).

Based on the results of the statistical evaluation and pursuant to 06-096 CMR 530 (2)(D)(3), this permitting action maintains the previously established reduced surveillance level analytical chemistry testing at a frequency of once per year (1/Year). This permitting action maintains the established screening level analytical chemistry testing at a frequency of four times per year (4/Year).

As with WET testing, Special Condition K, *06-096 CMR 530(2)(D)(4) Statement For Reduced/Waived Toxics Testing* of this permit requires an annual certification statement be submitted to the Department pursuant to 06-096 CMR 530(2)(D)(4).

## **7. DISPOSAL OF SEPTAGE WASTE IN WASTEWATER TREATMENT FACILITY**

Pursuant to *Standards for the Addition of Transported Wastes to Waste Water Treatment Facilities*, 06-096 CMR 555 (last amended February 5, 2009), this permitting action authorizes the Town to receive and introduce into the treatment process or solids handling stream up to a daily maximum of 3,000 GPD of transported wastes (septage wastes). See Special Condition J of the permit.

## **8. DISCHARGE IMPACT ON RECEIVING WATER QUALITY**

As permitted, the Department has determined the existing water uses will be maintained and protected and the discharge will not cause or contribute to the failure of the water body to meet standards for Class C classification.

## **9. PUBLIC COMMENTS**

Public notice of this application was made in the *Rolling Thunder* newspaper on or about August 5, 2019. The Department receives public comments on an application until the date a final agency action is taken on the application. Those persons receiving copies of draft permits must have at least 30 days in which to submit comments on the draft or to request a public hearing, pursuant to *Application Processing Procedures for Waste Discharge Licenses*, 06-096 CMR 522 (effective January 12, 2001).

## **10. DEPARTMENT CONTACTS**

Additional information concerning this permitting action may be obtained from, and written comments sent to:

Gregg Wood  
Division of Water Quality Management  
Bureau of Water Quality  
Department of Environmental Protection  
17 State House Station  
Augusta, Maine 04333-0017 Telephone: (207) 287-7693  
e-mail: [gregg.wood@maine.gov](mailto:gregg.wood@maine.gov)

## **11. RESPONSE TO COMMENTS**

During the period of September 19, 2019, through the issuance date of the permit/license, the Department solicited comments on the proposed draft permit/license to be issued for the discharge(s) from the permittee's facility. The Department did not receive comments from the permittee, state or federal agencies or interested parties that resulted in any substantive change(s) in the terms and conditions of the permit. Therefore, the Department has not prepared a Response to Comments.

## **ATTACHMENT A**

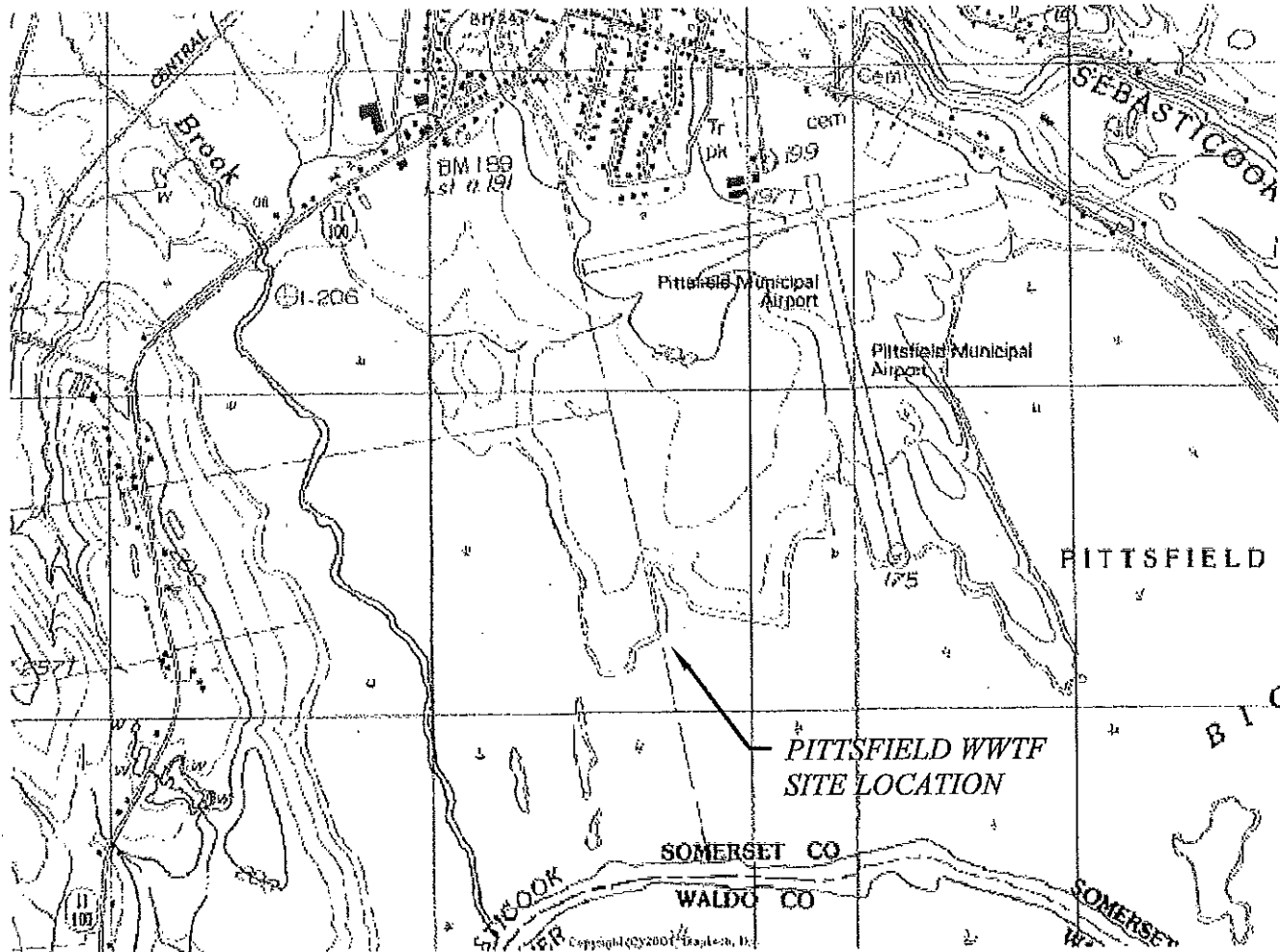


FIGURE 1  
PITTSFIELD WASTEWATER TREATMENT FACILITY

**ACHERON ENGINEERING SERVICES**  
Engineering, Environmental & Geologic Consultants

www.AcheronEngineering.com

147 Main St.  
Newport, ME 04953  
(207)-368-5700

24466 Powell Rd.  
Brooksville, FL 34602  
(352)-796-6236

Acheron International, Inc.

JOB NO: 02440

DWG NO: A-1775

SCALE:

NTS

DATE:

3-4-09



FIGURE 2  
PITTSFIELD WASTEWATER TREATMENT FACILITY

**ACHERON ENGINEERING SERVICES**  
Engineering, Environmental & Geologic Consultants

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24466 Powell Rd.  
Brooksville, FL. 34602  
(352)-796-6236

Acheron International, Inc.

JOB NO: 02440

DWG NO: A-1776

SCALE: NTS

DATE: 3-4-09

## **ATTACHMENT B**



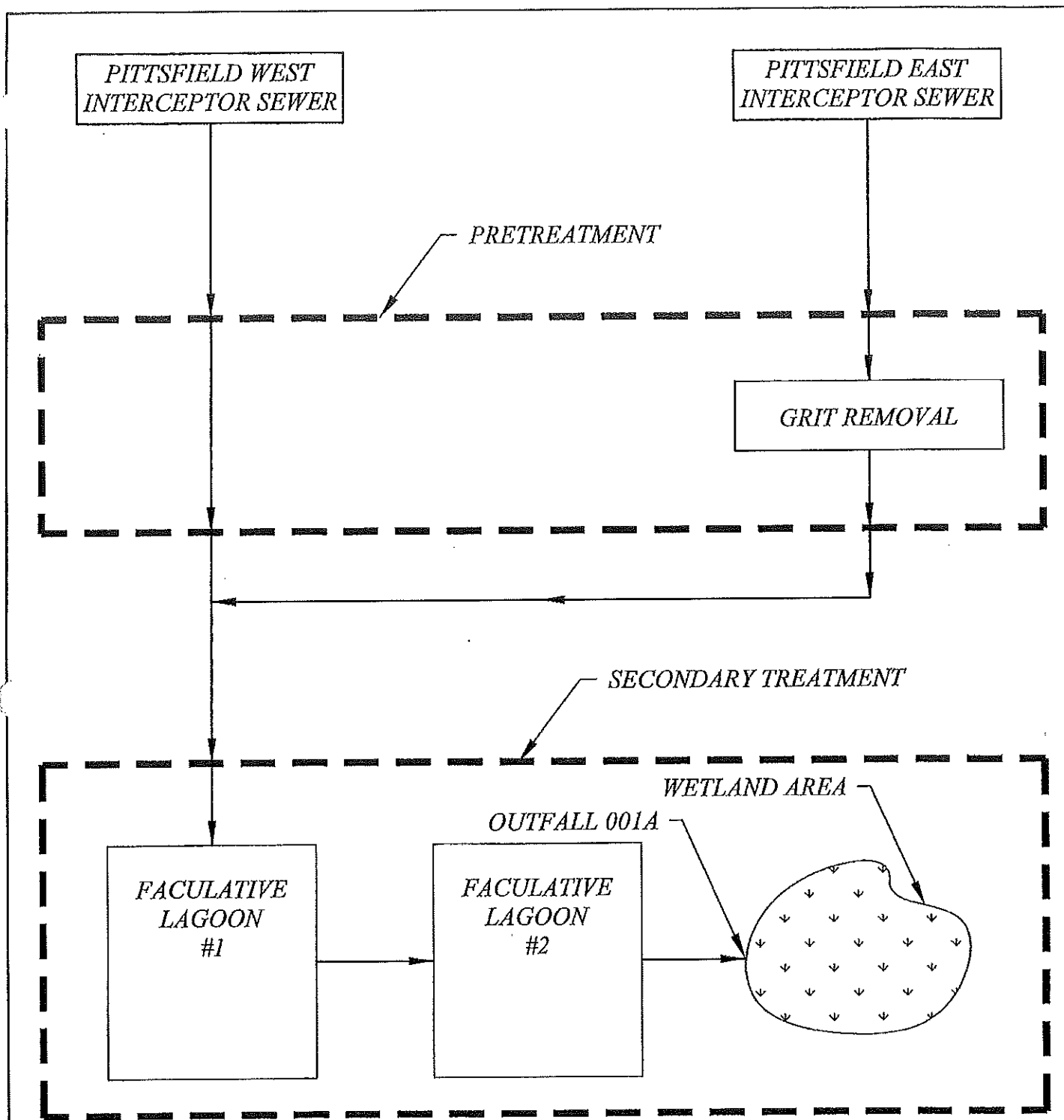


FIGURE 3  
PITTSFIELD WASTEWATER TREATMENT FACILITY

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Engineering, Environmental & Geologic Consultants

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147 Main St.  
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24466 Powell Rd.  
Brooksville, FL. 34602  
(352)-796-6236

Acheron International, Inc.

JOB NO: 02440

DWG NO: A-1777

SCALE: NTS

DATE: 8-1-19

## ATTACHMENT C

STATE OF MAINE  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

CHAPTER 530.2(D)(4) CERTIFICATION

MEPDES# \_\_\_\_\_ Facility Name \_\_\_\_\_

Since the effective date of your permit, have there been;		NO	YES Describe in comments section
1	Increases in the number, types, and flows of industrial, commercial, or domestic discharges to the facility that in the judgment of the Department may cause the receiving water to become toxic?	<input type="checkbox"/>	<input type="checkbox"/>
2	Changes in the condition or operations of the facility that may increase the toxicity of the discharge?	<input type="checkbox"/>	<input type="checkbox"/>
3	Changes in storm water collection or inflow/infiltration affecting the facility that may increase the toxicity of the discharge?	<input type="checkbox"/>	<input type="checkbox"/>
4	Increases in the type or volume of hauled wastes accepted by the facility?	<input type="checkbox"/>	<input type="checkbox"/>

COMMENTS:

Name (printed): \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**This document must be signed by the permittee or their legal representative.**

This form may be used to meet the requirements of Chapter 530.2(D)(4). This Chapter requires all dischargers having waived or reduced toxic testing to file a statement with the Department describing changes to the waste being contributed to their system as outlined above. As an alternative, the discharger may submit a signed letter containing the same information.

**Scheduled Toxicity Testing for the next calendar year**

Test Conducted	1 <sup>st</sup> Quarter	2 <sup>nd</sup> Quarter	3 <sup>rd</sup> Quarter	4 <sup>th</sup> Quarter
WET Testing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Priority Pollutant Testing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analytical Chemistry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other toxic parameters <sup>1</sup>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*Please place an "X" in each of the boxes that apply to when you will be conducting any one of the three test types during the next calendar year.*

<sup>1</sup> This only applies to parameters where testing is required at a rate less frequently than quarterly.