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

DEPARTMENT ORDER

IN THE MATTER OF

MAINE WOOD PELLET COMPANY, LLC	)	MAINE POLLUTANT DISCHARGE
ATHENS, SOMERSET COUNTY, MAINE	)	ELIMINATION SYSTEM
ME0037401	)	AND
W009127-5R-E-R **APPROVAL**	)	WASTE DISCHARGE LICENSE

In compliance with the applicable provisions of *Pollution Control*, 38 M.R.S. §§ 411 – 424-C, *Water Classification Program*, 38 M.R.S. §§ 464 – 470 and *Federal Water Pollution Control Act*, Title 33 U.S.C. § 1251 *et seq*, and applicable rules of the Department of Environmental Protection (Department), the Department has considered the application of the MAINE WOOD PELLET COMPANY, LLC (MWP), with its supportive data, agency review comments, and other related materials on file and FINDS THE FOLLOWING FACTS:

APPLICATION SUMMARY

On October 7, 2020, the Department accepted as complete for processing, an application from MWP for a renewal Waste Discharge License (WDL) [W009127-5R-E-R]/Maine Pollutant Discharge Elimination System (MEPDES) permit [ME0037401], which was issued by the Department on June 8, 2015, for a five-year term. The June 8, 2015, permit authorized a daily maximum discharge flow of 24,500 gallons per day (gpd) of non-contact cooling tower blowdown water to the East Branch Wesserunsett Stream, Class B, in Athens, Maine. On August 2, 2017, the Department authorized an increased daily maximum discharge flow of 67,680 gallons per day (gpd) of non-contact cooling tower blowdown water from a wood pellet manufacturing complex to East Branch Wesserunsett Stream, Class B, in Athens, Maine.

PERMIT SUMMARY

This permitting action carries forward with all the terms and conditions established in the previous permitting actions, and it;

a) Increases the lower pH limit from 6.0 to 6.5, to match the Departments water quality criteria standard and;
b) Includes an Operations and Maintenance Plan.

CONCLUSIONS

Based on the findings in the attached Fact Sheet dated August 7, 2025, 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

THEREFORE, the Department APPROVES the above noted application of MAINE WOOD PELLET COMPANY, LLC to discharge a daily maximum flow of 67,680 gallons per day of non-contact cooling tower blowdown water to East Branch Wesserunsett Stream, Class B, in Athens, 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 becomes effective upon the date of signature below and expires 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 terms and conditions of this permit and all subsequent modifications and minor revisions thereto remain in effect until final Department decision on the renewal application becomes effective. [*Maine Administrative Procedure Act*, 5 M.R.S.A. § 10002 and *Rules Concerning the Processing of Applications and Other Administrative Matters*, 06-096 C.M.R. 2(20)(A) (effective September 15, 2024)]

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

DONE AND DATED AT AUGUSTA, MAINE, THIS_____ DAY OF_____, 2025.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: _____
MELANIE LOYZIM, Commissioner

Date filed with Board of Environmental Protection _____

Date of initial receipt of application: October 5, 2020
Date of application acceptance: October 7, 2020
This order prepared by Grace Vierling, BUREAU OF LAND & WATER QUALITY

SPECIAL CONDITIONS

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

YEAR ROUND

The permittee, Maine Wood Pellets, is authorized to discharge cooling tower blowdown water to East Branch Wesserunsett Stream at Athens, Maine via **Outfall #001A** year-round. Such discharges are limited and must be monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations			Monitoring Requirements	
	Monthly Average	Weekly Average	Daily Maximum	Measurement Frequency	Sample Type
Flow *[50050]*	---	---	67,680 gpd *[03]*	1/Discharge Day *[01/DD]*	Estimate *[ES]*
Temperature (2) *[00011]*	---	---	85°F *[15]*	1/Discharge Day *[01/DD]*	Grab *[GR]*
pH *[00400]*	---	---	6.5-9.0 SU *[12]*	1/Discharge Day *[01/DD]*	Grab *[GR]*
Total Residual Chlorine(3) *[50060]*	---	---	0.35 mg/L [19]	1/Discharge Day [01/DD]	Grab [GR]

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

FOOTNOTES: See Page 6 of this permit for applicable footnotes.

SPECIAL CONDITIONS

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

Outfall #001A, is the East Branch Wesserunsett Stream in Athens, Maine. The permittee must monitor stream characteristics that are found below:

Effluent Characteristic	Discharge Limitations			Monitoring Requirements	
	Monthly Average	Weekly Average	Daily Maximum	Measurement Frequency	Sample Type
Temperature Difference[4] *[00018]*	---	0.5 °F [3] *[15]*	---	1/Discharge Day *[01/DD]*	Calculate *[CA]*
Temperature Difference *[00018]*	---	---	0.5 °F [4] *[15]*	1/Discharge Day *[01/DD]*	Calculate *[CA]*
Stream Flow [5] **(Daily Minimum)** *[00061]*	---	---	Report (cfs) *[08]*	1/Discharge Day *[01/01]*	Measure [5] *[MS]*
Temperature [2] [Stream] *[00011]*	---	---	Report °F *[15]*	1/Discharge Day *[01/01]*	Grab *[GR]*

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

FOOTNOTES: See Page 6 of this permit for applicable footnotes.

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

FOOTNOTES:

1. **Sampling –** Sampling and analysis must be conducted in accordance with; a) methods approved in Title 40, Code of Federal Regulations (40 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. Estimation of flows must be determined by a method approved by the Department: the facility receives flow information from a U.S. Geological Survey (USGS) G.S. stream gauge *[01048220]* located on the East Branch of the Wesserunsett Stream.

   If the permittee monitors any pollutants more frequently than required by the permit using test procedures approved under 40 C.F.R. 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 discharge monitoring report (DMR).

   In accordance with 40 C.F.R. § 122.44(i)(1)(iv), the permittee must monitor according to sufficiently sensitive test procedures (i.e., methods) approved under 40 C.F.R. Part 136 or required under 40 C.F.R. chapter I, subchapter N or O, for the analysis of pollutants or pollutant parameters (except WET). A method is "sufficiently sensitive" when: 1) The method minimum level (ML) is at or below the level of the effluent limitation established in the permit for the measured pollutant or pollutant parameter; or 2) The method has the lowest ML of the analytical methods approved under 40 C.F.R. Part 136 or required under 40 C.F.R. chapter I, subchapter N or O for the measured pollutant or pollutant parameter. The term "minimum level" refers either to the sample concentration equivalent to the lowest calibration point in a method or a multiple of the method detection limit (MDL), whichever is higher. Minimum levels may be obtained in the following ways: they may be published in a method; they may be based on the lowest acceptable calibration point used by a laboratory; or they may be calculated by multiplying the MDL in a method, or the MDL determined by a laboratory, by a factor.

2. **Temperature –** Stream temperature is to be measured by either the US Geological Survey's gauge station # 01048220 or the permittee's own temperature logger, by the outfall.

3. **Total Residual Chlorine –** Limitations and monitoring requirements are in effect anytime elemental chlorine or chlorine-based compounds are utilized to disinfect the discharge(s). The permittee must utilize an EPA-approved test method capable of bracketing the TRC limitations specified in this permitting action.

4. **Temperature Difference -** There is a seven-day rolling average limitation when the receiving stream water temperature is greater than or equal to (≥) 66°F and less than (<) 73°F. There is a daily maximum limitation when the receiving water temperature is ≥73°F. Please refer to the equation in Special Condition F, *Temperature Difference*, of this permit to determine the temperature change limitations required to comply with the weekly average temperature or daily maximum difference limitation. Values to be used in the equation in Special Condition F for the weekly average must be the most current seven days.

SPECIAL CONDITIONS

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

5. **Stream Flow –** Stream flow measurements must be obtained from the US Geological Survey's gauge station #01048220, unless another method of obtaining stream flow data is approved by the Department.

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 rhw usages designated for the classification of the receiving waters.

3. The permittee must not discharge effluent that imparts color, taste, turbidity, toxicity, radioactivity or other properties which cause those waters to be unsuitable for the designated uses and characteristics ascribed to their classification.

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.

C. 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 October 7, 2020; 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.

D. NOTIFICATION REQUIREMENTS

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

1. Any substantial change in the volume or character of pollutants being introduced into the wastewater collection and treatment system by a source introducing pollutants into the system at the time of the permit issuance.

2. For the purposes of this section, adequate notice must include information on:

   a. The quality or quantity of wastewater introduced to the wastewater collection and treatment system; and

   b. Any anticipated impact of the change in the quantity or quality of the wastewater to be discharged from the treatment system.

SPECIAL CONDITIONS
E. MONITORING AND REPORTING

Electronic Reporting
NPDES Electronic Reporting, 40 C.F.R. Part 127, requires MEPDES permit holders to submit monitoring results obtained during the previous month on an electronic discharge monitoring report ti 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 15th day of the month** following the completed reporting period.

F. OPERATION & MAINTENANCE (O&M) PLAN

The permittee must have a current written comprehensive Operation & Maintenance (O&M) Plan. 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 EPA 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.

G. TEMPERATURE DIFFERENCE

In accordance with *Regulations Relating to* Temperature, 06-096 C.M.R. Ch. 582 (last amended February 18, 1989), when the seven-day rolling average ambient receiving water temperature is $\geq$66°F, the permittee is limited to a thermal discharge that will not increase the ambient receiving water temperature by more than 0.5°F based on a weekly (7 days) rolling average calculation. When the instantaneous ambient receiving water temperature is $\geq$73°F, the permittee is limited to a thermal discharge that will not increase the ambient receiving water temperature by more than 0.5°F based on a daily calculation.

The formula used to calculate the temperature difference is as follows:

$$\Delta T = \frac{Qd * (Td - Ts)}{Qd + (Qs * 646{,}300)}$$

SPECIAL CONDITIONS
G. TEMPERATURE DIFFERENCE (Cont'd)

Where:
ΔT = Temperature Difference of Stream (°F) by addition of discharge
Qd = Discharge Flow Rate (gallons per day, gpd)
Td = Discharge Temperature (°F)
Qs = East Branch Wesserunsett Stream Flow Rate (cubic feet per second, cfs)
Ts = East Branch Wesserunsett Stream Temperature (°F)
Flow rate unit conversion 1 cfs = 646,300 gpd

H. REOPENING OF PERMIT FOR MODIFICATION

In accordance with *Conditions of Licenses*, 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.

I. 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, otherwise ordered by the court.

ATTACHMENT A

Attachment 1 - Question 13F

EPA Identification Number	NPDES Permit Number	Facility Name
ME0037401	ME0037401	Maine Woods Pellet

Form Approved 03/05/19
OMB No. 2040-0004

Form 2C NPDES

EPA

U.S. Environmental Protection Agency
Application for NPDES Permit to Discharge Wastewater

EXISTING MANUFACTURING, COMMERCIAL, MINING, AND SILVICULTURE OPERATIONS

SECTION 1. OUTFALL LOCATION (40 CFR 122.21(g)(1))

Outfall Location

1.1 Provide information on each of the facility's outfalls in the table below.

Outfall Number	Receiving Water Name	Latitude	Longitude
001	Wesserunsett Stream	44° 56′ 45″ N	69° 39′ 55″ W
		° ′ ″	° ′ ″
		° ′ ″	° ′ ″

SECTION 2. LINE DRAWING (40 CFR 122.21(g)(2))

Line Drawing

2.1 Have you attached a line drawing to this application that shows the water flow through your facility with a water balance? (See instructions for drawing requirements. See Exhibit 2C–1 at end of instructions for example.)

☑ Yes ☐ No

SECTION 3. AVERAGE FLOWS AND TREATMENT (40 CFR 122.21(g)(3))

Average Flows and Treatment

3.1 For each outfall identified under Item 1.1, provide average flow and treatment information. Add additional sheets if necessary.

****Outfall Number**** 001

Operations Contributing to Flow

Operation	Average Flow
Cooling tower blowdown	0.07 mgd
	mgd
	mgd
	mgd

Treatment Units

Description (include size, flow rate through each treatment unit, retention time, etc.)	Code from Table 2C-1	Final Disposal of Solid or Liquid Wastes Other Than by Discharge
sodium bisulfite to remove halogen biocides	2-K	N/A

Attachment 1 - Question 13F

EPA Identification Number	NPDES Permit Number	Facility Name
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Average Flows and Treatment Continued

3.1 cont.

****Outfall Number**** N/A

Operations Contributing to Flow

Operation	Average Flow
	mgd
	mgd
	mgd
	mgd

Treatment Units

Description (include size, flow rate through each treatment unit, retention time, etc.)	Code from Table 2C-1	Final Disposal of Solid or Liquid Wastes Other Than by Discharge

****Outfall Number**** N/A

Operations Contributing to Flow

Operation	Average Flow
	mgd
	mgd
	mgd
	mgd

Treatment Units

Description (include size, flow rate through each treatment unit, retention time, etc.)	Code from Table 2C-1	Final Disposal of Solid or Liquid Wastes Other Than by Discharge

System Users

3.2 Are you applying for an NPDES permit to operate a privately owned treatment works?

☐ Yes ☑ No ➔ SKIP to Section 4.

3.3 Have you attached a list that identifies each user of the treatment works?

☐ Yes ☐ No

Attachment 1 - Question 13F

EPA Identification Number	NPDES Permit Number	Facility Name
ME0037401	ME0037401	Maine Woods Pellet

Form Approved 03/05/19
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SECTION 4. INTERMITTENT FLOWS (40 CFR 122.21(g)(4))

Intermittent Flows

4.1 Except for storm runoff, leaks, or spills, are any discharges described in Sections 1 and 3 intermittent or seasonal?

☐ Yes ☑ No → SKIP to Section 5.

4.2 Provide information on intermittent or seasonal flows for each applicable outfall. Attach additional pages, if necessary.

Outfall Number	Operation (list)	Frequency		Flow Rate		Duration
		Average Days/Week	Average Months/Year	Long-Term Average	Maximum Daily	
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days
		days/week	months/year	mgd	mgd	days

SECTION 5. PRODUCTION (40 CFR 122.21(g)(5))

Applicable ELGs

5.1 Do any effluent limitation guidelines (ELGs) promulgated by EPA under Section 304 of the CWA apply to your facility?

☐ Yes ☑ No → SKIP to Section 6.

5.2 Provide the following information on applicable ELGs.

ELG Category	ELG Subcategory	Regulatory Citation

Production-Based Limitations

5.3 Are any of the applicable ELGs expressed in terms of production (or other measure of operation)?

☐ Yes ☐ No → SKIP to Section 6.

5.4 Provide an actual measure of daily production expressed in terms and units of applicable ELGs.

Outfall Number	Operation, Product, or Material	Quantity per Day	Unit of Measure

EPA Identification Number	NPDES Permit Number	Facility Name	Form Approved 03/05/19 OMB No. 2040-0004
ME0037401	ME0037401	Maine Woods Pellet	

SECTION 6. IMPROVEMENTS (40 CFR 122.21(g)(6))

Upgrades and Improvements

6.1 Are you presently required by any federal, state, or local authority to meet an implementation schedule for constructing, upgrading, or operating wastewater treatment equipment or practices or any other environmental programs that could affect the discharges described in this application?

☐ Yes ☑ No → SKIP to Item 6.3.

6.2 Briefly identify each applicable project in the table below.

Brief Identification and Description of Project	Affected Outfalls (list outfall number)	Source(s) of Discharge	Final Compliance Dates	
			Required	Projected

6.3 Have you attached sheets describing any additional water pollution control programs (or other environmental projects that may affect your discharges) that you now have underway or planned? *(optional item)*

☐ Yes ☐ No ☑ Not applicable

SECTION 7. EFFLUENT AND INTAKE CHARACTERISTICS (40 CFR 122.21(g)(7))

Effluent and Intake Characteristics

See the instructions to determine the pollutants and parameters you are required to monitor and, in turn, the tables you must complete. Not all applicants need to complete each table.

Table A. Conventional and Non-Conventional Pollutants

7.1 Are you requesting a waiver from your NPDES permitting authority for one or more of the Table A pollutants for any of your outfalls?

☑ Yes ☐ No → SKIP to Item 7.3.

7.2 If yes, indicate the applicable outfalls below. Attach waiver request and other required information to the application.

Outfall Number _____ Outfall Number _____ Outfall Number _____

7.3 Have you completed monitoring for all Table A pollutants at each of your outfalls for which a waiver has not been requested and attached the results to this application package?

☑ Yes ☐ No; a waiver has been requested from my NPDES permitting authority for all pollutants at all outfalls.

Table B. Toxic Metals, Cyanide, Total Phenols, and Organic Toxic Pollutants

7.4 Do any of the facility's processes that contribute wastewater fall into one or more of the primary industry categories listed in Exhibit 2C-3? (See end of instructions for exhibit.)

☐ Yes ☑ No → SKIP to Item 7.8.

7.5 Have you checked "Testing Required" for all toxic metals, cyanide, and total phenols in Section 1 of Table B?

☐ Yes ☐ No

7.6 List the applicable primary industry categories and check the boxes indicating the required GC/MS fraction(s) identified in Exhibit 2C-3.

Primary Industry Category	Required GC/MS Fraction(s) (Check applicable boxes.)			
	☐ Volatile	☐ Acid	☐ Base/Neutral	☐ Pesticide
	☐ Volatile	☐ Acid	☐ Base/Neutral	☐ Pesticide
	☐ Volatile	☐ Acid	☐ Base/Neutral	☐ Pesticide

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Effluent and Intake Characteristics Continued

7.7	Have you checked "Testing Required" for all required pollutants in Sections 2 through 5 of Table B for each of the GC/MS fractions checked in Item 7.6? ☐ Yes ☐ No
7.8	Have you checked "Believed Present" or "Believed Absent" for all pollutants listed in Sections 1 through 5 of Table B where testing is not required? ☑ Yes ☐ No
7.9	Have you provided (1) quantitative data for those Section 1, Table B, pollutants for which you have indicated testing is required or (2) quantitative data or other required information for those Section 1, Table B, pollutants that you have indicated are "Believed Present" in your discharge? ☑ Yes ☐ No
7.10	Does the applicant qualify for a small business exemption under the criteria specified in the instructions? ☐ Yes ➔ Note that you qualify at the top of Table B, then SKIP to Item 7.12. ☑ No
7.11	Have you provided (1) quantitative data for those Sections 2 through 5, Table B, pollutants for which you have determined testing is required or (2) quantitative data or an explanation for those Sections 2 through 5, Table B, pollutants you have indicated are "Believed Present" in your discharge? ☑ Yes ☐ No
Table C. Certain Conventional and Non-Conventional Pollutants	
7.12	Have you indicated whether pollutants are "Believed Present" or "Believed Absent" for all pollutants listed on Table C for all outfalls? ☑ Yes ☐ No
7.13	Have you completed Table C by providing (1) quantitative data for those pollutants that are limited either directly or indirectly in an ELG and/or (2) quantitative data or an explanation for those pollutants for which you have indicated "Believed Present"? ☑ Yes ☐ No
Table D. Certain Hazardous Substances and Asbestos	
7.14	Have you indicated whether pollutants are "Believed Present" or "Believed Absent" for all pollutants listed in Table D for all outfalls? ☑ Yes ☐ No
7.15	Have you completed Table D by (1) describing the reasons the applicable pollutants are expected to be discharged and (2) by providing quantitative data, if available? ☑ Yes ☐ No
Table E. 2,3,7,8-Tetrachlorodibenzo-p-Dioxin (2,3,7,8-TCDD)	
7.16	Does the facility use or manufacture one or more of the 2,3,7,8-TCDD congeners listed in the instructions, or do you know or have reason to believe that TCDD is or may be present in the effluent? ☐ Yes ➔ Complete Table E. ☑ No ➔ SKIP to Section 8.
7.17	Have you completed Table E by reporting *qualitative* data for TCDD? ☑ Yes ☐ No

SECTION 8. USED OR MANUFACTURED TOXICS (40 CFR 122.21(g)(9))

Used or Manufactured Toxics

8.1	Is any pollutant listed in Table B a substance or a component of a substance used or manufactured at your facility as an intermediate or final product or byproduct? ☐ Yes ☐ No ➔ SKIP to Section 9.
8.2	List the pollutants below. 1. 4. 7. 2. 5. 8. 3. 6. 9.

Attachment 1 - Question 13F

EPA Identification Number	NPDES Permit Number	Facility Name	Form Approved 03/05/19 OMB No. 2040-0004
ME0037401	ME0037401	Maine Woods Pellet	

SECTION 9. BIOLOGICAL TOXICITY TESTS (40 CFR 122.21(g)(11))

Biological Toxicity Tests

9.1 Do you have any knowledge or reason to believe that any biological test for acute or chronic toxicity has been made within the last three years on (1) any of your discharges or (2) on a receiving water in relation to your discharge?

☐ Yes ☑ No → SKIP to Section 10.

9.2 Identify the tests and their purposes below.

Test(s)	Purpose of Test(s)	Submitted to NPDES Permitting Authority?	Date Submitted
		☐ Yes ☐ No	
		☐ Yes ☐ No	
		☐ Yes ☐ No	

SECTION 10. CONTRACT ANALYSES (40 CFR 122.21(g)(12))

Contract Analyses

10.1 Were any of the analyses reported in Section 7 performed by a contract laboratory or consulting firm?

☐ Yes ☑ No → SKIP to Section 11.

10.2 Provide information for each contract laboratory or consulting firm below.

	Laboratory Number 1	Laboratory Number 2	Laboratory Number 3
Name of laboratory/firm			
Laboratory address			
Phone number			
Pollutant(s) analyzed			

SECTION 11. ADDITIONAL INFORMATION (40 CFR 122.21(g)(13))

Additional Information

11.1 Has the NPDES permitting authority requested additional information?

☐ Yes ☑ No → SKIP to Section 12.

11.2 List the information requested and attach it to this application.

1.	4.
2.	5.
3.	6.

Attachment 1 - Question 13F

EPA Identification Number	NPDES Permit Number	Facility Name
ME0037401		Maine Woods Pellet

Form Approved 03/05/19
OMB No. 2040-0004

SECTION 12. CHECKLIST AND CERTIFICATION STATEMENT (40 CFR 122.22(a) and (d))

Checklist and Certification Statement

12.1 In Column 1 below, mark the sections of Form 2C that you have completed and are submitting with your application. For each section, specify in Column 2 any attachments that you are enclosing to alert the permitting authority. Note that not all applicants are required to complete all sections or provide attachments.

Column 1	Column 2
☑ Section 1: Outfall Location	☑ w/ attachments
☑ Section 2: Line Drawing	☑ w/ line drawing ☐ w/ additional attachments
☐ Section 3: Average Flows and Treatment	☐ w/ attachments ☐ w/ list of each user of privately owned treatment works
☐ Section 4: Intermittent Flows	☐ w/ attachments
☐ Section 5: Production	☐ w/ attachments
☐ Section 6: Improvements	☐ w/ attachments ☐ w/ optional additional sheets describing any additional pollution control plans
☐ Section 7: Effluent and Intake Characteristics	☐ w/ request for a waiver and supporting information ☐ w/ explanation for identical outfalls ☐ w/ small business exemption request ☐ w/ other attachments ☐ w/ Table A ☐ w/ Table B ☐ w/ Table C ☐ w/ Table D ☐ w/ Table E ☐ w/ analytical results as an attachment
☐ Section 8: Used or Manufactured Toxics	☐ w/ attachments
☐ Section 9: Biological Toxicity Tests	☐ w/ attachments
☐ Section 10: Contract Analyses	☐ w/ attachments
☐ Section 11: Additional Information	☐ w/ attachments
☐ Section 12: Checklist and Certification Statement	☐ w/ attachments

12.2 **Certification Statement**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name (print or type first and last name)	Official title
Scot Linkletter	Manager
Signature	**Date signed**
Scot Linkletter	10-2-20

Attachment 1 - Question 13F

E. Identification Number	NPDES Permit Number	Facility N	Outfall Number
ME0037401		Maine Woods Pellet	

Form Appr. 03/05/19
OMB No. 2040-0004

TABLE A. CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(iii))[1]

	Pollutant	Waiver Requested (if applicable)	Units (specify)		Effluent: Maximum Daily Discharge (required)	Effluent: Maximum Monthly Discharge (if available)	Effluent: Long-Term Average Daily Discharge (if available)	Effluent: Number of Analyses	Intake (Optional): Long-Term Average Value	Intake (Optional): Number of Analyses
☐	Check here if you have applied to your NPDES permitting authority for a waiver for *all* of the pollutants listed on this table for the noted outfall.									
1.	Biochemical oxygen demand (BOD_5)	☑	Concentration							
			Mass							
2.	Chemical oxygen demand (COD)	☑	Concentration							
			Mass							
3.	Total organic carbon (TOC)	☑	Concentration							
			Mass							
4.	Total suspended solids (TSS)	☑	Concentration							
			Mass							
5.	Ammonia (as N)	☑	Concentration							
			Mass							
6.	Flow	☐	Rate	gpd	67,680					
7.	Temperature (winter)	☐	°C	°C	29					
	Temperature (summer)	☐	°C	°C	29					
8.	pH (minimum)	☑	Standard units	s.u.						
	pH (maximum)	☑	Standard units	s.u.						

[1] Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

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TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))[1]

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
☐	Check here if you qualify as a small business per the instructions to Form 2C and, therefore, do not need to submit quantitative data for any of the organic toxic pollutants in Sections 2 through 5 of this table. Note, however, that you must still indicate in the appropriate column of this table if you believe any of the pollutants listed are present in your discharge.										
Section 1. Toxic Metals, Cyanide, and Total Phenols											
1.1	Antimony, total (7440-36-0)	☐	☐	☑	Concentration						
					Mass						
1.2	Arsenic, total (7440-38-2)	☐	☐	☑	Concentration						
					Mass						
1.3	Beryllium, total (7440-41-7)	☐	☐	☑	Concentration						
					Mass						
1.4	Cadmium, total (7440-43-9)	☐	☐	☑	Concentration						
					Mass						
1.5	Chromium, total (7440-47-3)	☐	☐	☑	Concentration						
					Mass						
1.6	Copper, total (7440-50-8)	☐	☐	☑	Concentration						
					Mass						
1.7	Lead, total (7439-92-1)	☐	☐	☑	Concentration						
					Mass						
1.8	Mercury, total (7439-97-6)	☐	☐	☑	Concentration						
					Mass						
1.9	Nickel, total (7440-02-0)	☐	☐	☑	Concentration						
					Mass						
1.10	Selenium, total (7782-49-2)	☐	☐	☑	Concentration						
					Mass						
1.11	Silver, total (7440-22-4)	☐	☐	☑	Concentration						
					Mass						

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
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TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))[1]

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
1.12	Thallium, total (7440-28-0)	☐	☐	☑	Concentration							
					Mass							
1.13	Zinc, total (7440-66-6)	☐	☐	☑	Concentration							
					Mass							
1.14	Cyanide, total (57-12-5)	☐	☐	☑	Concentration							
					Mass							
1.15	Phenols, total	☐	☐	☑	Concentration							
					Mass							
Section 2. Organic Toxic Pollutants (GC/MS Fraction—Volatile Compounds)												
2.1	Acrolein (107-02-8)	☐	☐	☑	Concentration							
					Mass							
2.2	Acrylonitrile (107-13-1)	☐	☐	☑	Concentration							
					Mass							
2.3	Benzene (71-43-2)	☐	☐	☑	Concentration							
					Mass							
2.4	Bromoform (75-25-2)	☐	☐	☑	Concentration							
					Mass							
2.5	Carbon tetrachloride (56-23-5)	☐	☐	☑	Concentration							
					Mass							
2.6	Chlorobenzene (108-90-7)	☐	☐	☑	Concentration							
					Mass							
2.7	Chlorodibromomethane (124-48-1)	☐	☐	☑	Concentration							
					Mass							
2.8	Chloroethane (75-00-3)	☐	☐	☑	Concentration							
					Mass							

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TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))[1]

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)	Effluent				Intake (optional)	
			Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
2.9	2-chloroethylvinyl ether (110-75-8)	☐	☐	☑	Concentration						
					Mass						
2.10	Chloroform (67-66-3)	☐	☐	☑	Concentration						
					Mass						
2.11	Dichlorobromomethane (75-27-4)	☐	☐	☑	Concentration						
					Mass						
2.12	1,1-dichloroethane (75-34-3)	☐	☐	☑	Concentration						
					Mass						
2.13	1,2-dichloroethane (107-06-2)	☐	☐	☑	Concentration						
					Mass						
2.14	1,1-dichloroethylene (75-35-4)	☐	☐	☑	Concentration						
					Mass						
2.15	1,2-dichloropropane (78-87-5)	☐	☐	☑	Concentration						
					Mass						
2.16	1,3-dichloropropylene (542-75-6)	☐	☐	☑	Concentration						
					Mass						
2.17	Ethylbenzene (100-41-4)	☐	☐	☑	Concentration						
					Mass						
2.18	Methyl bromide (74-83-9)	☐	☐	☑	Concentration						
					Mass						
2.19	Methyl chloride (74-87-3)	☐	☐	☑	Concentration						
					Mass						
2.20	Methylene chloride (75-09-2)	☐	☐	☑	Concentration						
					Mass						
2.21	1,1,2,2- tetrachloroethane (79-34-5)	☐	☐	☑	Concentration						
					Mass						

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TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))[1]

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
2.22	Tetrachloroethylene (127-18-4)	☐	☐	☑	Concentration							
					Mass							
2.23	Toluene (108-88-3)	☐	☐	☑	Concentration							
					Mass							
2.24	1,2-trans-dichloroethylene (156-60-5)	☐	☐	☑	Concentration							
					Mass							
2.25	1,1,1-trichloroethane (71-55-6)	☐	☐	☑	Concentration							
					Mass							
2.26	1,1,2-trichloroethane (79-00-5)	☐	☐	☑	Concentration							
					Mass							
2.27	Trichloroethylene (79-01-6)	☐	☐	☑	Concentration							
					Mass							
2.28	Vinyl chloride (75-01-4)	☐	☐	☑	Concentration							
					Mass							
Section 3. Organic Toxic Pollutants (GC/MS Fraction—Acid Compounds)												
3.1	2-chlorophenol (95-57-8)	☐	☐	☑	Concentration							
					Mass							
3.2	2,4-dichlorophenol (120-83-2)	☐	☐	☑	Concentration							
					Mass							
3.3	2,4-dimethylphenol (105-67-9)	☐	☐	☑	Concentration							
					Mass							
3.4	4,6-dinitro-o-cresol (534-52-1)	☐	☐	☑	Concentration							
					Mass							
3.5	2,4-dinitrophenol (51-28-5)	☐	☐	☑	Concentration							
					Mass							

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TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))[1]

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
3.6	2-nitrophenol (88-75-5)	☐	☐	☑	Concentration							
					Mass							
3.7	4-nitrophenol (100-02-7)	☐	☐	☑	Concentration							
					Mass							
3.8	p-chloro-m-cresol (59-50-7)	☐	☐	☑	Concentration							
					Mass							
3.9	Pentachlorophenol (87-86-5)	☐	☐	☑	Concentration							
					Mass							
3.10	Phenol (108-95-2)	☐	☐	☑	Concentration							
					Mass							
3.11	2,4,6-trichlorophenol (88-05-2)	☐	☐	☑	Concentration							
					Mass							
Section 4. Organic Toxic Pollutants (GC/MS Fraction—Base /Neutral Compounds)												
4.1	Acenaphthene (83-32-9)	☐	☐	☑	Concentration							
					Mass							
4.2	Acenaphthylene (208-96-8)	☐	☐	☑	Concentration							
					Mass							
4.3	Anthracene (120-12-7)	☐	☐	☑	Concentration							
					Mass							
4.4	Benzidine (92-87-5)	☐	☐	☑	Concentration							
					Mass							
4.5	Benzo (a) anthracene (56-55-3)	☐	☐	☑	Concentration							
					Mass							
4.6	Benzo (a) pyrene (50-32-8)	☐	☐	☑	Concentration							
					Mass							

Attachment 1 - Question 13F

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
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TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))[1]

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
4.7	3,4-benzofluoranthene (205-99-2)	☐	☐	☑	Concentration							
					Mass							
4.8	Benzo (ghi) perylene (191-24-2)	☐	☐	☑	Concentration							
					Mass							
4.9	Benzo (k) fluoranthene (207-08-9)	☐	☐	☑	Concentration							
					Mass							
4.10	Bis (2-chloroethoxy) methane (111-91-1)	☐	☐	☑	Concentration							
					Mass							
4.11	Bis (2-chloroethyl) ether (111-44-4)	☐	☐	☑	Concentration							
					Mass							
4.12	Bis (2-chloroisopropyl) ether (102-80-1)	☐	☐	☑	Concentration							
					Mass							
4.13	Bis (2-ethylhexyl) phthalate (117-81-7)	☐	☐	☑	Concentration							
					Mass							
4.14	4-bromophenyl phenyl ether (101-55-3)	☐	☐	☑	Concentration							
					Mass							
4.15	Butyl benzyl phthalate (85-68-7)	☐	☐	☑	Concentration							
					Mass							
4.16	2-chloronaphthalene (91-58-7)	☐	☐	☑	Concentration							
					Mass							
4.17	4-chlorophenyl phenyl ether (7005-72-3)	☐	☐	☑	Concentration							
					Mass							
4.18	Chrysene (218-01-9)	☐	☐	☑	Concentration							
					Mass							
4.19	Dibenzo (a,h) anthracene (53-70-3)	☐	☐	☑	Concentration							
					Mass							

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TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))[1]

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
4.20	1,2-dichlorobenzene (95-50-1)	☐	☐	☑	Concentration							
					Mass							
4.21	1,3-dichlorobenzene (541-73-1)	☐	☐	☑	Concentration							
					Mass							
4.22	1,4-dichlorobenzene (106-46-7)	☐	☐	☑	Concentration							
					Mass							
4.23	3,3-dichlorobenzidine (91-94-1)	☐	☐	☑	Concentration							
					Mass							
4.24	Diethyl phthalate (84-66-2)	☐	☐	☑	Concentration							
					Mass							
4.25	Dimethyl phthalate (131-11-3)	☐	☐	☑	Concentration							
					Mass							
4.26	Di-n-butyl phthalate (84-74-2)	☐	☐	☑	Concentration							
					Mass							
4.27	2,4-dinitrotoluene (121-14-2)	☐	☐	☑	Concentration							
					Mass							
4.28	2,6-dinitrotoluene (606-20-2)	☐	☐	☑	Concentration							
					Mass							
4.29	Di-n-octyl phthalate (117-84-0)	☐	☐	☑	Concentration							
					Mass							
4.30	1,2-Diphenylhydrazine (as azobenzene) (122-66-7)	☐	☐	☑	Concentration							
					Mass							
4.31	Fluoranthene (206-44-0)	☐	☐	☑	Concentration							
					Mass							
4.32	Fluorene (86-73-7)	☐	☐	☑	Concentration							
					Mass							

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TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))[1]

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
4.33	Hexachlorobenzene (118-74-1)	☐	☐	☑	Concentration							
					Mass							
4.34	Hexachlorobutadiene (87-68-3)	☐	☐	☑	Concentration							
					Mass							
4.35	Hexachlorocyclopentadiene (77-47-4)	☐	☐	☑	Concentration							
					Mass							
4.36	Hexachloroethane (67-72-1)	☐	☐	☑	Concentration							
					Mass							
4.37	Indeno (1,2,3-cd) pyrene (193-39-5)	☐	☐	☑	Concentration							
					Mass							
4.38	Isophorone (78-59-1)	☐	☐	☑	Concentration							
					Mass							
4.39	Naphthalene (91-20-3)	☐	☐	☑	Concentration							
					Mass							
4.40	Nitrobenzene (98-95-3)	☐	☐	☑	Concentration							
					Mass							
4.41	N-nitrosodimethylamine (62-75-9)	☐	☐	☑	Concentration							
					Mass							
4.42	N-nitrosodi-n-propylamine (621-64-7)	☐	☐	☑	Concentration							
					Mass							
4.43	N-nitrosodiphenylamine (86-30-6)	☐	☐	☑	Concentration							
					Mass							
4.44	Phenanthrene (85-01-8)	☐	☐	☑	Concentration							
					Mass							
4.45	Pyrene (129-00-0)	☐	☐	☑	Concentration							
					Mass							

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TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))[1]

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
4.46	1,2,4-trichlorobenzene (120-82-1)	☐	☐	☑	Concentration							
					Mass							
Section 5. Organic Toxic Pollutants (GC/MS Fraction—Pesticides)												
5.1	Aldrin (309-00-2)	☐	☐	☑	Concentration							
					Mass							
5.2	α-BHC (319-84-6)	☐	☐	☑	Concentration							
					Mass							
5.3	β-BHC (319-85-7)	☐	☐	☑	Concentration							
					Mass							
5.4	γ-BHC (58-89-9)	☐	☐	☑	Concentration							
					Mass							
5.5	δ-BHC (319-86-8)	☐	☐	☑	Concentration							
					Mass							
5.6	Chlordane (57-74-9)	☐	☐	☑	Concentration							
					Mass							
5.7	4,4'-DDT (50-29-3)	☐	☐	☑	Concentration							
					Mass							
5.8	4,4'-DDE (72-55-9)	☐	☐	☑	Concentration							
					Mass							
5.9	4,4'-DDD (72-54-8)	☐	☐	☑	Concentration							
					Mass							
5.10	Dieldrin (60-57-1)	☐	☐	☑	Concentration							
					Mass							
5.11	α-endosulfan (115-29-7)	☐	☐	☑	Concentration							
					Mass							

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TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))[1]

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
5.12	β-endosulfan (115-29-7)	☐	☐	☑	Concentration							
					Mass							
5.13	Endosulfan sulfate (1031-07-8)	☐	☐	☑	Concentration							
					Mass							
5.14	Endrin (72-20-8)	☐	☐	☑	Concentration							
					Mass							
5.15	Endrin aldehyde (7421-93-4)	☐	☐	☑	Concentration							
					Mass							
5.16	Heptachlor (76-44-8)	☐	☐	☑	Concentration							
					Mass							
5.17	Heptachlor epoxide (1024-57-3)	☐	☐	☑	Concentration							
					Mass							
5.18	PCB-1242 (53469-21-9)	☐	☐	☑	Concentration							
					Mass							
5.19	PCB-1254 (11097-69-1)	☐	☐	☑	Concentration							
					Mass							
5.20	PCB-1221 (11104-28-2)	☐	☐	☑	Concentration							
					Mass							
5.21	PCB-1232 (11141-16-5)	☐	☐	☑	Concentration							
					Mass							
5.22	PCB-1248 (12672-29-6)	☐	☐	☑	Concentration							
					Mass							
5.23	PCB-1260 (11096-82-5)	☐	☐	☑	Concentration							
					Mass							
5.24	PCB-1016 (12674-11-2)	☐	☐	☑	Concentration							
					Mass							

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TABLE B. TOXIC METALS, CYANIDE, TOTAL PHENOLS, AND ORGANIC TOXIC POLLUTANTS (40 CFR 122.21(g)(7)(v))[1]

	Pollutant/Parameter (and CAS Number, if available)	Testing Required	Presence or Absence (check one)		Units (specify)		Effluent				Intake (optional)	
			Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
5.25	Toxaphene (8001-35-2)	☐	☐	☑	Concentration							
					Mass							

[1] Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
ME0037401		Maine Woods Pellet	

Form Approved 03/05/19
OMB No. 2040-0004

TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))[1]

	Pollutant	Presence or Absence (check one)		Units (specify)	Effluent				Intake (Optional)	
		Believed Present	Believed Absent		Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
☐	Check here if you believe all pollutants on Table C to be ***present*** in your discharge from the noted outfall. You need *not* complete the "Presence or Absence" column of Table C for *each* pollutant.									
☑	Check here if you believe all pollutants on Table C to be ***absent*** in your discharge from the noted outfall. You need *not* complete the "Presence or Absence" column of Table C for *each* pollutant.									
1.	Bromide (24959-67-9)	☐	☐	Concentration						
				Mass						
2.	Chlorine, total residual	☐	☐	Concentration						
				Mass						
3.	Color	☐	☐	Concentration						
				Mass						
4.	Fecal coliform	☐	☐	Concentration						
				Mass						
5.	Fluoride (16984-48-8)	☐	☐	Concentration						
				Mass						
6	Nitrate-nitrite	☐	☐	Concentration						
				Mass						
7.	Nitrogen, total organic (as N)	☐	☐	Concentration						
				Mass						
8.	Oil and grease	☐	☐	Concentration						
				Mass						
9.	Phosphorus (as P), total (7723-14-0)	☐	☐	Concentration						
				Mass						
10.	Sulfate (as SO_4) (14808-79-8)	☐	☐	Concentration						
				Mass						
11.	Sulfide (as S)	☐	☐	Concentration						
				Mass						

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
ME0037401		Maine Woods Pellet	

Form Approved 03/05/19
OMB No. 2040-0004

TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))[1]

	Pollutant	Presence or Absence (check one)		Units (specify)		Effluent				Intake (Optional)	
		Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
12.	Sulfite (as SO_3) (14265-45-3)	☐	☐	Concentration							
				Mass							
13.	Surfactants	☐	☐	Concentration							
				Mass							
14.	Aluminum, total (7429-90-5)	☐	☐	Concentration							
				Mass							
15.	Barium, total (7440-39-3)	☐	☐	Concentration							
				Mass							
16.	Boron, total (7440-42-8)	☐	☐	Concentration							
				Mass							
17.	Cobalt, total (7440-48-4)	☐	☐	Concentration							
				Mass							
18.	Iron, total (7439-89-6)	☐	☐	Concentration							
				Mass							
19.	Magnesium, total (7439-95-4)	☐	☐	Concentration							
				Mass							
20.	Molybdenum, total (7439-98-7)	☐	☐	Concentration							
				Mass							
21.	Manganese, total (7439-96-5)	☐	☐	Concentration							
				Mass							
22.	Tin, total (7440-31-5)	☐	☐	Concentration							
				Mass							
23.	Titanium, total (7440-32-6)	☐	☐	Concentration							
				Mass							

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
ME0037401		Maine Woods Pellet	

Form Approved 03/05/19
OMB No. 2040-0004

TABLE C. CERTAIN CONVENTIONAL AND NON CONVENTIONAL POLLUTANTS (40 CFR 122.21(g)(7)(vi))[1]

	Pollutant	Presence or Absence (check one)		Units (specify)		Effluent				Intake (Optional)	
		Believed Present	Believed Absent			Maximum Daily Discharge (required)	Maximum Monthly Discharge (if available)	Long-Term Average Daily Discharge (if available)	Number of Analyses	Long-Term Average Value	Number of Analyses
24.	**Radioactivity**										
	Alpha, total	☐	☐	Concentration							
				Mass							
	Beta, total	☐	☐	Concentration							
				Mass							
	Radium, total	☐	☐	Concentration							
				Mass							
	Radium 226, total	☐	☐	Concentration							
				Mass							

[1] Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
ME0037401		Maine Woods Pellet	

Form Approved 03/05/19
OMB No. 2040-0004

TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))[1]

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
1.	Asbestos	☐	☑		
2.	Acetaldehyde	☐	☑		
3.	Allyl alcohol	☐	☑		
4.	Allyl chloride	☐	☑		
5.	Amyl acetate	☐	☑		
6.	Aniline	☐	☑		
7.	Benzonitrile	☐	☑		
8.	Benzyl chloride	☐	☑		
9.	Butyl acetate	☐	☑		
10.	Butylamine	☐	☑		
11.	Captan	☐	☑		
12.	Carbaryl	☐	☑		
13.	Carbofuran	☐	☑		
14.	Carbon disulfide	☐	☑		
15.	Chlorpyrifos	☐	☑		
16.	Coumaphos	☐	☑		
17.	Cresol	☐	☑		
18.	Crotonaldehyde	☐	☑		
19.	Cyclohexane	☐	☑		

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
ME0037401		Maine Woods Pellet	

Form Approved 03/05/19
OMB No. 2040-0004

TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))[1]

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
20.	2,4-D (2,4-dichlorophenoxyacetic acid)	☐	☑		
21.	Diazinon	☐	☑		
22.	Dicamba	☐	☑		
23.	Dichlobenil	☐	☑		
24.	Dichlone	☐	☑		
25.	2,2-dichloropropionic acid	☐	☑		
26.	Dichlorvos	☐	☑		
27.	Diethyl amine	☐	☑		
28.	Dimethyl amine	☐	☑		
29.	Dintrobenzene	☐	☑		
30.	Diquat	☐	☑		
31.	Disulfoton	☐	☑		
32.	Diuron	☐	☑		
33.	Epichlorohydrin	☐	☑		
34.	Ethion	☐	☑		
35.	Ethylene diamine	☐	☑		
36.	Ethylene dibromide	☐	☑		
37.	Formaldehyde	☐	☑		
38.	Furfural	☐	☑		

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
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Form Approved 03/05/19
OMB No. 2040-0004

TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))[1]

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
39.	Guthion	☐	☑		
40.	Isoprene	☐	☑		
41.	Isopropanolamine	☐	☑		
42.	Kelthane	☐	☑		
43.	Kepone	☐	☑		
44.	Malathion	☐	☑		
45.	Mercaptodimethur	☐	☑		
46.	Methoxychlor	☐	☑		
47.	Methyl mercaptan	☐	☑		
48.	Methyl methacrylate	☐	☑		
49.	Methyl parathion	☐	☑		
50.	Mevinphos	☐	☑		
51.	Mexacarbate	☐	☑		
52.	Monoethyl amine	☐	☑		
53.	Monomethyl amine	☐	☑		
54.	Naled	☐	☑		
55.	Naphthenic acid	☐	☑		
56.	Nitrotoluene	☐	☑		
57.	Parathion	☐	☑		

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
ME0037401		Maine Woods Pellet	

Form Approved 03/05/19
OMB No. 2040-0004

TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))[1]

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
58.	Phenolsulfonate	☐	☑		
59.	Phosgene	☐	☑		
60.	Propargite	☐	☑		
61.	Propylene oxide	☐	☑		
62.	Pyrethrins	☐	☑		
63.	Quinoline	☐	☑		
64.	Resorcinol	☐	☑		
65.	Strontium	☐	☑		
66.	Strychnine	☐	☑		
67.	Styrene	☐	☑		
68.	2,4,5-T (2,4,5-trichlorophenoxyacetic acid)	☐	☑		
69.	TDE (tetrachlorodiphenyl ethane)	☐	☑		
70.	2,4,5-TP [2-(2,4,5-trichlorophenoxy) propanoic acid]	☐	☑		
71.	Trichlorofon	☐	☑		
72.	Triethanolamine	☐	☑		
73.	Triethylamine	☐	☑		
74.	Trimethylamine	☐	☑		
75.	Uranium	☐	☑		
76.	Vanadium	☐	☑		

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
ME0037401		Maine Woods Pellet	

Form Approved 03/05/19
OMB No. 2040-0004

TABLE D. CERTAIN HAZARDOUS SUBSTANCES AND ASBESTOS (40 CFR 122.21(g)(7)(vii))[1]

	Pollutant	Presence or Absence (check one)		Reason Pollutant Believed Present in Discharge	Available Quantitative Data (specify units)
		Believed Present	Believed Absent		
77.	Vinyl acetate	☐	☑		
78.	Xylene	☐	☑		
79.	Xylenol	☐	☑		
80.	Zirconium	☐	☑		

[1] Sampling shall be conducted according to sufficiently sensitive test procedures (i.e., methods) approved under 40 CFR 136 for the analysis of pollutants or pollutant parameters or required under 40 CFR chapter I, subchapter N or O. See instructions and 40 CFR 122.21(e)(3).

EPA Identification Number	NPDES Permit Number	Facility Name	Outfall Number
ME0037401		Maine Woods Pellet	

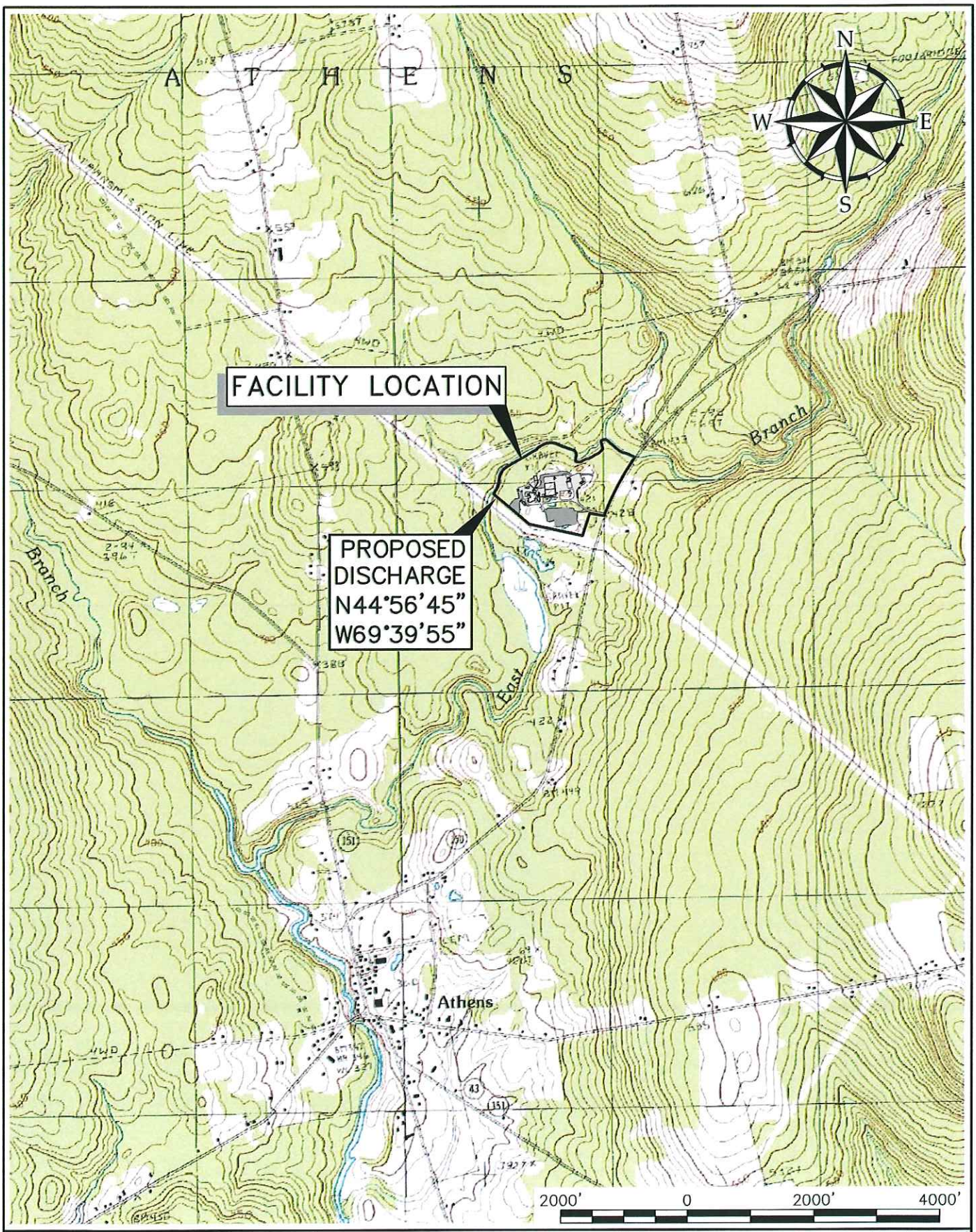
Form Approved 03/05/19
OMB No. 2040-0004

TABLE E. 2,3,7,8 TETRACHLORODIBENZO P DIOXIN (2,3,7,8 TCDD) (40 CFR 122.21(g)(7)(viii))

Pollutant	TCDD Congeners Used or Manufactured	Presence or Absence (check one)		Results of Screening Procedure
		Believed Present	Believed Absent	
2,3,7,8-TCDD	☐	☐	☑	

ATTACHMENT B

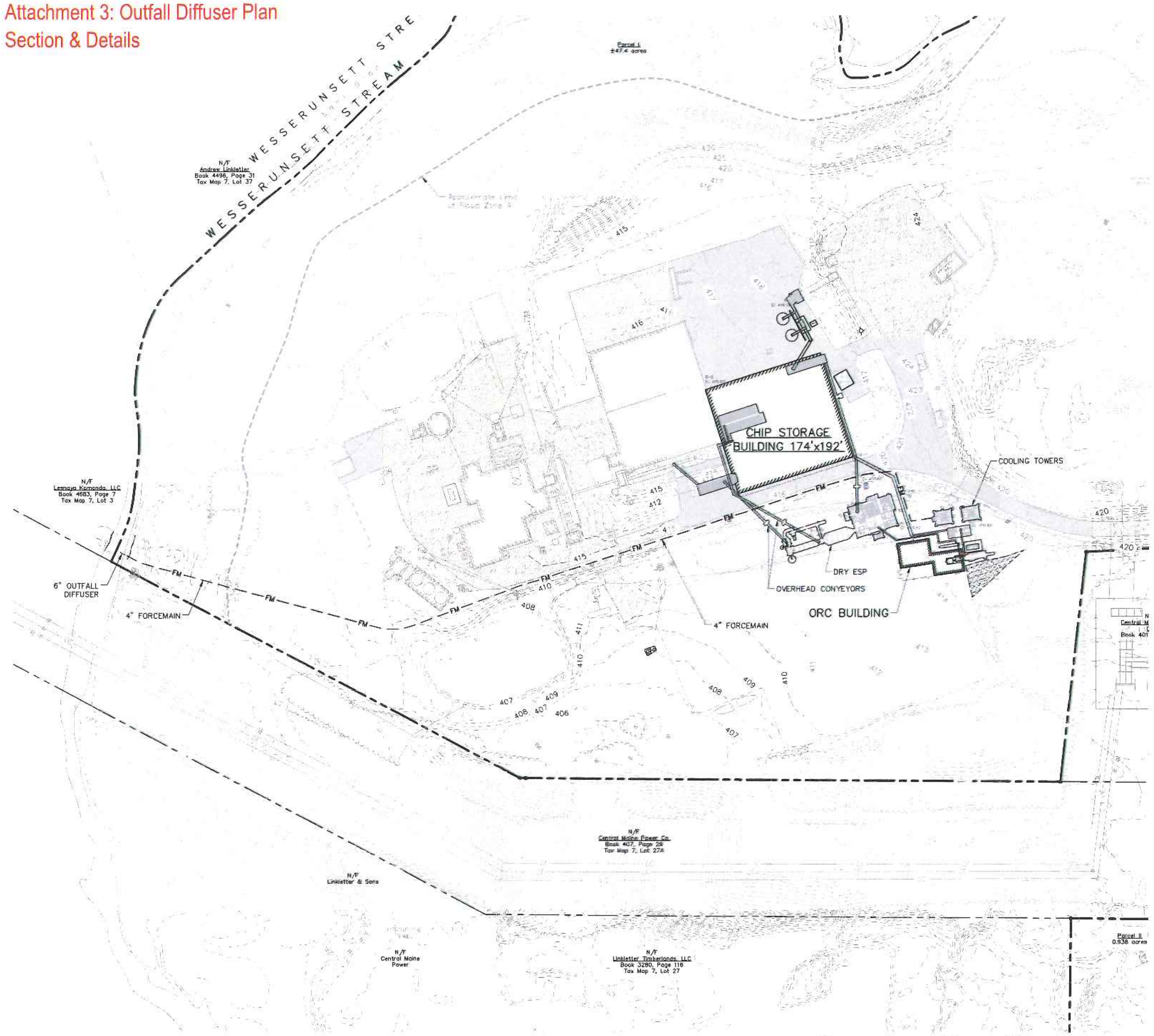
Attachment 2: Location Map (showing facility location and proposed discharge location)



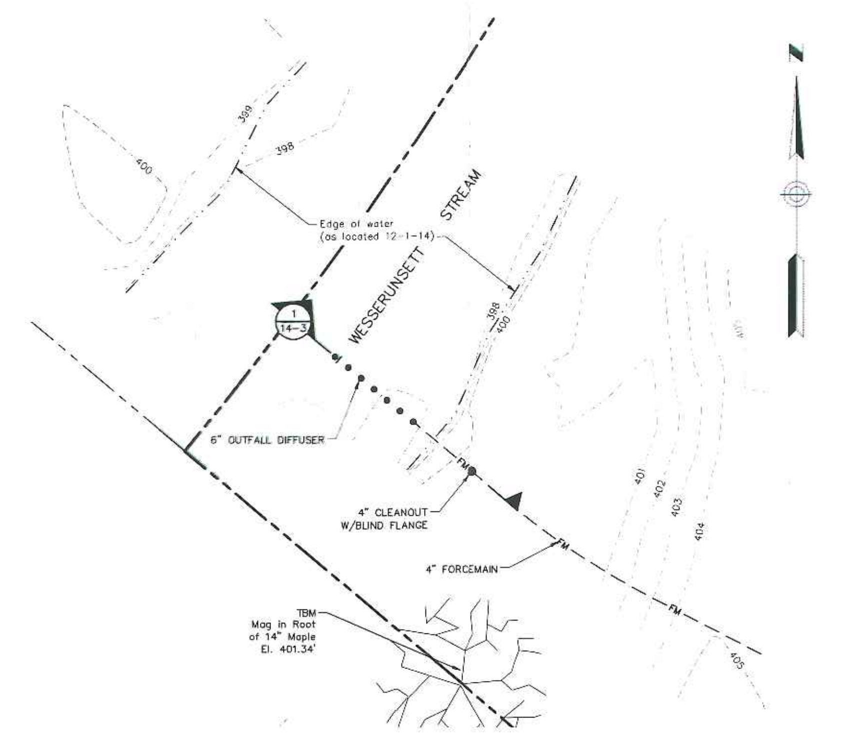
WOODARD & CURRAN 41 Hutchins Drive Portland, Maine 04102 800.426.4262 | www.woodardcurran.com COMMITMENT & INTEGRITY DRIVE RESULTS	LOCATION MAP	ATHENS CAPITAL HOLDINGS, LLC 164 HARMONY ROAD, ATHENS, ME	JOB NO: 227196.01 DATE: NOVEMBER 2014 SCALE: 1" = 2000'
	DESIGNED BY: PJP DRAWN BY: JBC CHECKED BY: PJP FACILITY LOCATION MAP.DWG	MAINE WOODS PELLET CO.	Figure 1

ATTACHMENT C

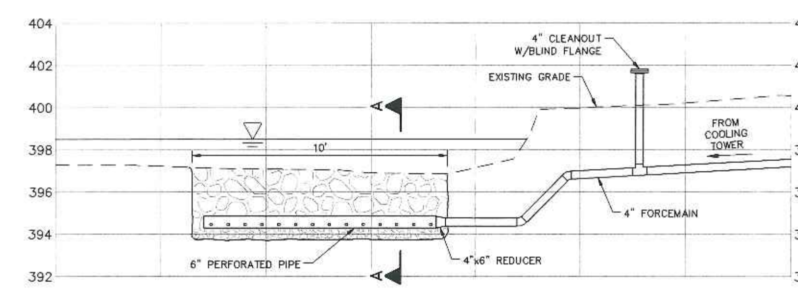
Attachment 3: Outfall Diffuser Plan Section & Details



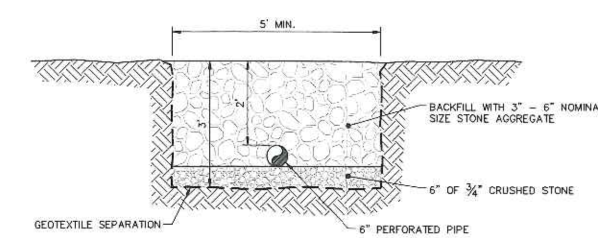
FORCEMAIN AND OUTFALL DIFFUSER SITE PLAN
SCALE: 1" = 100'



OUTFALL DIFFUSER SITE PLAN
SCALE: 1" = 10'



OUTFALL DIFFUSER SECTION 1/14-3
SCALE: 1" = 4'



SECTION A-A

OUTFALL DIFFUSER DETAIL
N.T.S.

NOT FOR CONSTRUCTION

WOODARD & CURRAN
41 Hutchins Drive
Portland, Maine 04102
800.426.4262 | www.woodardcurran.com
COMMITMENT & INTEGRITY DRIVE RESULTS

THIS DOCUMENT IS THE PROPERTY OF WOODARD & CURRAN INC. AND ITS CLIENT. REPRODUCTION OR MODIFICATION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

1/12/2015

REV	DESCRIPTION	DATE

DESIGNED BY: PJP
CHECKED BY: PJP
DRAWN BY: JBC

OUTFALL DIFFUSER PLAN SECTION AND DETAILS

ATHENS CAPITAL HOLDINGS, LLC
164 HARMONY ROAD, ATHENS, ME

MAINE WOOD PELLET COMPANY

JOB NO.: 227196.01
DATE: JANUARY 2015
SCALE: AS NOTED
SHEET: OF

C-1

ATTACHMENT D

Attachment 4: Publication of Public Notice

OLL-FREE IN MAINE)
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ews.com

CLASSIFIEDS

Classified Hours:
Monday - Friday 8 a.m. - 4 p.m.
1 Merchants Plaza, Bangor

BDN bangordailynews.com

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us day
day

Classified **Display** Deadlines

Legal Advertisements, Recruitment Display, Auctions

Monday Issue: Previous Thursday, 12 noon
Tuesday Issue: Previous Friday, 12 noon
Wednesday Issue: Previous Monday, 12 noon
Thursday Issue: Previous Tuesday, 12 noon
Friday Issue: Previous Wednesday, 12 noon
Saturday Issue: Previous Wednesday, 1 p.m.

PLEASE ALLOW ONE EXTRA DAY IF REQUESTING A PROOF.

Professional/Management 120

THE BOARD OF TRUSTEES OF THE WILSON MUSEUM IN CASTINE MAINE invites inquiries for the position of Executive Director with appointment beginning in October, 2021. We are commencing the search early because the appointee must possess the vision and ability to maintain the Museum's traditions while building for the future. In addition to embracing these traditions, the new Executive Director must have the ability to maintain the Museum's strong connection to the local community and extend these to similar organizations and a broader regional community of stakeholders.

The Executive Director reports to the Board and works with it to provide strategic planning, maintain sound financial status, and oversee staffing, facilities, programs and collections. The Director manages a staff of 5 FTE, including year-round and seasonal employees as well as volunteers. In addition to providing long-range visioning, immediate projects for the incoming Executive Director would include completion of archival storage and implementation of a future endowed internship position.

Qualifications: A minimum of 2 years administrative experience that includes personnel management; training or experience in education; and familiarity with the culture and history of coastal New England. A graduate degree is strongly preferred.

Salary and Benefits: A base salary of $70,000 in addition to medical, retirement, and professional development benefits are offered. Applications for the position will be accepted from September 2020 to February 2021.

Please direct applications and inquiries to:
Temple Blackwood
Transition/Search Committee
872 Castine Road
Castine, Maine 04421
templehwt@gmail.com

Sales/Telemarketing 125

SILICON MAINE

OUTSIDE SALES (PART-TIME) BANGOR, On the road sales agent. $14 an hour plus commissions. Must have license and own vehicle. Email resume to hr@siliconmaine.com

Apts Unfurnished 213

Legal Notices

NOTICE OF INTENT TO FILE
MAINE WASTE DISCHARGE LICENSE RENEWAL APPLICATION

Please take note that, pursuant to 38 MRSA, Sections 413 and 414-A, Maine Woods Pellet Company, LLC; Athens Holdings LLC; and Athens Energy LLC of Athens, Maine, intends to file a wastewater discharge permit renewal application with the Department of Environmental Protection (DEP). The application is for the discharge of up to 67,680 gallons per day of cooling tower blowdown water to Wesserunsett Stream at the Maine Woods Pellet Company, 164 Harmony Road, Athens, ME 04912.

The application will be filed on or about October 1, 2020 and will be available for public inspection at DEP's Augusta office during normal working hours. A copy may also be seen at the municipal offices in Athens, Maine.

A request for a public hearing or request that the Board of Environmental Protection assume jurisdiction over this application must be received by the DEP, in writing, no later than 20 days after the application is found acceptable for processing, or 30 days from the date of this notice, whichever is longer. Requests shall state the nature of the issue(s) to be raised. Unless otherwise provided by law, a hearing is discretionary and may be held if the Commissioner or the Board finds significant public interest or there is conflicting technical information.

During the time specified above, persons wishing to receive copies of draft permits and supporting documents, when available, may request them from DEP. Persons receiving a draft permit shall have 30 days in which to submit comments or to request a public hearing on the draft.

Public comment will be accepted until a final administrative action is taken to approve, approve with conditions, or deny this application. Written public comments or requests for information may be made to: Maine Department of Environmental Protection, Division of Water Quality Management, State House Station #17, Augusta, Maine 04333. Telephone 207-287-7688.

Sept. 29, 2020

PARK PLACE - ORONO
2 BR townhouse near UMO.
Basement w/WD hookup
$1,150/mo. incls. heat. 207-866-2658

Commercial Property 215

BANGOR DOWNTOWN OFFICE SUITES Starting at $350.
No smoking. 947-1271

House For Rent 217

BRADLEY Renovated 3 BR + office 1.5 BA home on 3 acre lot with new kitchen, appliances, paint and all wood floors. Avail imm. $1400+ utils 974-6606 RentBangor.com

HAMPDEN/NEWBURGH 2 BR/2 BA,

Acreage/Lots 302

BANGOR The lot is cleared, surveyed, soil tested and ready for building. Additional land is available if you wish to spread out to a larger sized lot. The Bangor Nature Preserve is steps from your front door and everything you need in Bangor and Orono is just minutes away. $70,000 207-852-5560

Camps For Sale 304

MILLINOCKET Fire Rd 10B, 26 Boom

Legal Notices

STATE OF MAINE NOTICE OF PUBLIC COMMENT
ANNUAL PHA PLAN FOR
SECTION 8 HOUSING CHOICE VOUCHER PROGRAM

The Maine State Housing Authority ("MaineHousing") has prepared a draft of the Annual PHA Plan required by the U.S. Department of Housing and Urban Development for MaineHousing to administer the Section 8 Housing Choice Voucher Program.

The draft Annual PHA Plan was developed in consultation with MaineHousing's Resident Advisory Board and provides information on current programs and the resident population served, as well as strategies for addressing the housing needs of currently assisted families and the larger community.

MaineHousing will hold a public hearing to receive comments on November 17, 2020 at 9:30 a.m. To listen or testify, please contact Gerrylynn Ricker not later than 5:00 p.m. on Friday, November 13, 2020 at MaineHousing, 26 Edison Drive, Augusta, Maine 04330; (207) 626-4600 (voice); 1-800-452-4668 (voice in-state only); 711 (Maine Relay); or via e-mail: gricker@mainehousing.org. Upon sufficient notice, appropriate communication auxiliary aids and services will be provided to persons with disabilities and persons with limited English proficiency. The draft Annual PHA Plan is available for inspection on MaineHousing's webpage: www.mainehousing.org. Written comments will be accepted until close of business on November 17, 2020. If you would like to request a disability-related accommodation or make a comment, please direct your communication to:

Allison Gallagher
Maine State Housing Authority
26 Edison Drive
Augusta, ME 04330-6046
Telephone: (207) 624-5712 (voice)
1-800-452-4668 (voice)
Maine Relay 711 (TTY)

Published on: Sept. 29, 2020.

Legal Notices

NOTICE OF MEETING

The next quarterly meeting of the Maine Historic Preservation Commission will be held by video/teleconference on October 23, 2020 beginning at 10:30 a.m.

All Commission meetings are open to the public, and the Legislature enacted emergency legislation to provide for the conduct of public proceedings through telephonic, video, electronic, or other similar means of remote participation, due to the outbreak of COVID-19. In accordance with that legislation, members of the public can find information on how to join the meeting at https://www.maine.gov /mhpc/announcements-and-opportunities /news, as well as the meeting agenda and other materials. If you do not have access to a computer but wish to join the meeting by telephone, please contact the Commission at 207-287-1453 for further information.

Published on: Sept. 29, 2020.

OLD TOWN Beautiful renovated bldg currently being used as a restaurant. Many new updates. MLS #1442916. $250,000. **Nadeau / Bragdon Team, ERA Dawson, 723-1441 / 447-0701. Call Andy or Bruce to list today!**

TRICIA LARGAY
Bringing People & Homes Together
Realty of Maine
207-949-3060
Full-Time Realtor, 458 Main St., Bangor

ATTACHMENT E

Attachment 5 - Public Notice to Abutters and Municipal Office

PUBLIC NOTICE

This application has been advertised in Bangor Daily News on September 29, 2020. A copy of the notice is attached. As required, notices were also sent to the following abutters by the applicant using certified mail (see attached receipts).

List of Abutters to Lot 27-2, the Subject Property:

Tax Map 7 – Lot #	Ownership
3 27 30 35 38	Linkletter Timberland P.O. Box 135 Athens, Maine 04912
27-2	Jason and Dorey Gaynes 142 Harmony Rd. Athens Maine 04912
27A	Central Maine Power Company 83 Edison Drive Augusta, ME 04336
37	Andrew Linkletter 1313 Beckwith Rd. Cornville, Me 04976
36	State of Maine 177 Harmony Road Athens, ME 04912
44	Kenneth Reed P.O. Box 163 Norridgewock, ME 04957

Town of Athens

	Town of Athens, Town Clerk Academy Rd. PO Box 147 Athens, ME 04912-0147

Attachment 5 - Public Notice to Abutters and Municipal Office

NOTICE OF INTENT TO FILE
MAINE WASTE DISCHARGE LICENSE RENEWAL APPLICATION

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Attachment 5 - Public Notice to Abutters and Municipal Office

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U.S. Postal Service™
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Athens, ME 04912

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☐ Return Receipt (hardcopy)	$0.00
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☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$0.00
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Andrew Linkletter
1313 Beckwith Rd.
Cornville Me 04976

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Attachment 5 - Public Notice to Abutters and Municipal Office

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State of Maine
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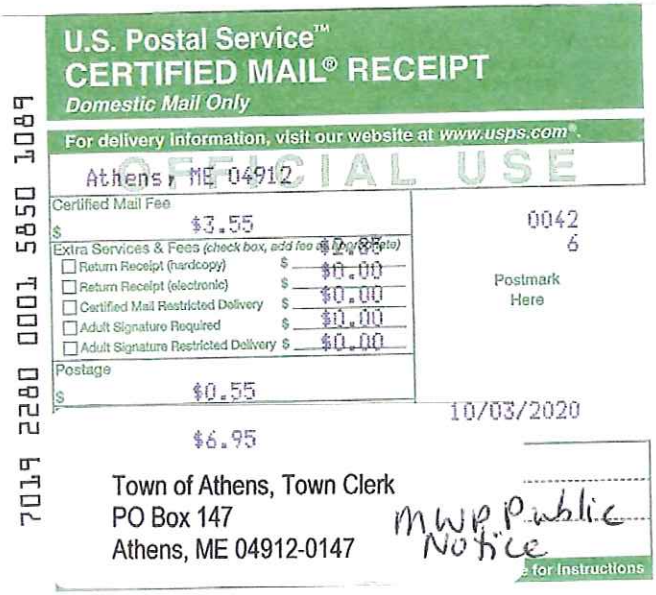
Kenneth Reed
P.O. Box 163
Norridgewock ME 04957

MWP Public Notice



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Town of Athens, Town Clerk
PO Box 147
Athens, ME 04912-0147

MWP Public Notice

MAINE POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT
MAINE WASTE DISCHARGE LICENSE

FACT SHEET

DATE: **August 7, 2025**

PERMIT NUMBER: **ME0037401**

WASTE DISCHARGE LICENSE: **W0091271-5R-E-R**

NAME AND ADDRESS OF APPLICANT:

MAINE WOOD PELLETS COMPANY, LLC
P.O. BOX 120
164 HARMONY ROAD
ATHENS, ME 04912

COUNTY: **SOMERSET**

NAME AND ADDRESS WHERE DISCHARGE(S) OCCUR(S):

164 HARMONY ROAD
ATHENS, MAINE 04912

RECEIVING WATER / CLASSIFICATION: **EAST BRANCH WESSERUNSETT STREAM / CLASS B**

COGNIZANT OFFICIAL AND TELEPHONE NUMBER: **MR. SCOT LINKLETTER**
(207) 654-2237
E-MAIL: scot@mwpellet.com

1. APPLICATION SUMMARY

Application: On October 7, 2020, the Department accepted as complete for processing, an application from MWP for a new Maine Pollutant Discharge Elimination System (MEPDES) Permit/Maine Waste Discharge License (WDL) ME0037401/W009127-5R-E-R, which was issued by the Department on June 8, 2015 for a five-year term. The June 8, 2015 permit authorized the a daily maximum discharge flow of 24,500 gallons per day (gpd) of non-contact cooling tower blowdown water from a wood pellet manufacturing complex to East Branch Wesserunsett Stream, Class B, in Athens, Maine.

2. PERMIT SUMMARY

a. Terms and Conditions:
This permitting action carries forward with all the terms and conditions established in the previous permitting actions, and it;

a) Increases the lower pH limit from 6.0 to 6.5, to match the Departments water quality criteria standard and;
b) Includes an Operation and Maintenance Plan.

b. Source Description: Maine Woods Pellets Company LLC (MWP), manufactures approximately 100,000 tons per year of wood pellet fuel for stoves and boilers. In addition, the facility generates electricity from wood biomass to support the pellet production operation and for sale to the power grid. Process wastewater and sanitary wastewater generated at the facility is conveyed to an onsite subsurface wastewater disposal system. Heat by-product of the power generation will dry wood chips used in pellet production. Additional residual heat is removed from the generation process through an evaporative cooling tower system. In the evaporative cooling tower system, water is sourced from a groundwater well at the site and applied to a closed loop heat exchanger inside the cooling tower. Air circulation and water evaporation within the tower cools the heat exchanger coil. Condensation and water that has not evaporated collects in a sump beneath the tower. Sump water is then supplemented with more well water and reapplied to the evaporative cooling process. Through multiple cycles of evaporation, the mineral content of the collection of sump water increases. To reduce the potential for mineral scale and deposition inside the cooling tower a portion of the sump water is discharged to East Branch Wesserunsett Stream. The water is treated for chlorine, with Sodium bisulfite to remove halogen biocides when chlorine products are used. The facility also utilizes the cooling tower water for dust control. The non-cooling water is discharged to Wesserunsett Stream via outfall pipe #001A. Outfall #001A, is a pipe measuring 4 inches in diameter, affixed to a 10 foot long and 6-inch diameter diffuser located approximately 2 feet below mean low water of East Branch Wesserunsett Stream.

b. Wastewater Treatment: When the non-contact cooling water is pumped to the diffuser (for discharge), the water is treated for chlorine, only when a chlorine-based product is used to prevent growth of algae and mold.

d. History:

January 12, 2001 – The United States Environmental Protection Agency (USEPA) granted authorization to the State of Maine to administer the National Pollutant Discharge Elimination System (NPDES) permitting program in Maine.

June 8, 2015 – The Department issued a new combination MEPDES permit #ME0037401/#WDL W009127-5R-C-M to MWP for a five-year term.

January 15, 2015 – The Department received the initial receipt of a minor revision application from MWP.

January 21, 2017 – Maine WDL minor revisions we approved by the Department of Environmental Protection. This minor revision was necessary to clarify monitoring and reporting requirements in the permit. The revisions include; adding daily maximum water quality-based limitations and monitoring for pH and total residual chlorine for outfall #001.

2. PERMIT SUMMARY (Cont'd)

August 1, 2017 – Maine WDL modifications were approved by the Department of Environmental Protection. This modification increased the daily maximum flow from the facility from 24,500 gpd to 67,680 gpd.

October 5, 2020 – MWP submitted a complete and timely application for renewal of the combination MEPDES permit #ME0037401/WDL #W009127-5R-C-M. The application was accepted on October 7, 2020 and assigned the WDL #W009127-5R-E-R

3. CONDITIONS OF PERMITS

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, *Certain deposits and discharges prohibited*, 38 M.R.S. § 420 and Department rule *Surface Water Toxics Control Program,* 06-096 C.M.R. Ch. 530, require the regulation of toxic substances not to exceed levels set forth in *Surface Water Quality Criteria for Toxic Pollutants*, 06-096 C.M.R. Ch. 584 (last amended February 16, 2020), 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)(I) states that all minor tributaries of the Kennebec River, which includes East Branch Wesserunsett Stream at the point of discharge unless otherwise specified, is classified as a Class B waterway. *Standards for classification of fresh surface waters*, 38 M.R.S. § 465(2) describes the standards for Class B waters.

A. Class B 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 habitat for fish and other aquatic life. The habitat must be characterized as unimpaired.

B. Class B waters must be of sufficient quality to support all aquatic species indigenous to those waters without detrimental changes in the resident biological community. The dissolved oxygen content of Class B waters may not be less than 7 parts per million or 755 of saturation, whichever is higher, except that for the period from October 1st to May 14th, in order to ensure spawning and egg incubation of indigenous fish species, the 7-day mean dissolved oxygen concentration may not be less than 9.5 parts per million and the one-day minimum dissolved oxygen concentration may not be less that 8.0 parts per million in identified fish spawning areas. Between April 15th and October 31st, the number of Escherichia coli bacteria in these waters may not exceed a geometric mean of 64 CFU or MPN per 100 milliliters over a 90-day interval or 236 CFU or MPN per 100 milliliters in more than 10% of the samples in any 90-day interval.

4. RECEIVING WATER QUALITY STANDARDS (Cont'd)

C. Discharges to Class B waters may not cause adverse impact to aquatic life in that the receiving waters must be of sufficient quality to support all aquatic species indigenous to the receiving water without detrimental changes in the resident biological community.

1. *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 resident biological communities affected by an invasive species, the department may find that the discharged effluent will not cause adverse impact to aquatic life as long as the materials and methods used do not cause a significant loss of any nontarget species and allow restoration of nontarget species. The department may find that an unavoidable, temporary loss of non-target species does not constitute a significant loss of nontarget species.*

2. *For the purpose of allowing the discharge of aquatic pesticides approved by the department for the control of mosquito-borne diseases in the interest of public health and safety, the department may find that the discharged effluent will not cause adverse impact to aquatic life as long as the materials and methods used provide protection for nontarget species. When the department issues a license for the discharge of aquatic pesticides authorized under this subparagraph, the department shall notify the municipality in which the application is licensed to occur and post the notice on the department's publicly accessible website. [PL 2017, c. 319, §7 (AMD)]*

5. RECEIVING WATER QUALITY CONDITIONS

The State of Maine Department of Environmental Protection 2018/2020/2022 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 East Branch Wesserunsett Stream and its tributaries as, "Category 2: Rivers and Streams Attaining Some Designated Uses - Insufficient Information for Other Uses."

The Report lists all of Maine's fresh waters as, "Category 4-A: Rivers and Streams 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 4-A (TMDL Completed) due to USEPA approval of a Regional Mercury TMDL in December 2007. 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 recommending limits on consumption for all freshwater fish. Maine has instituted statewide programs for removal and reduction of mercury sources." Pursuant to 38 M.R.S. § 420(1-B)(B) (1), "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."

6. REASONABLE POTENTIAL

Pursuant to 33 U.S.C. § 1311(b)(1)(C) and 40 C.F.R. § 122.44(d)(1), NPDES permits must contain any requirements in addition to technology based effluent limitations (TBELs) that are necessary to achieve water quality standards established under 33 U.S.C. § 1311(b)(1)(C). In addition, limitations "must control any pollutant or pollutant parameter (conventional, non-conventional, or toxic) which the permitting authority determines are or may be discharged at a level which will cause, have the reasonable potential to cause, or contribute to an excursion above any water quality standard (WQS), including State narrative criteria for water quality," 40 C.F.R. § 122.44(d)(1)(i). To determine if the discharge causes, or has the reasonable potential to cause, or contribute to an excursion above any WQS, EPA considers: 1) existing controls on point and non-point sources of pollution; 2) the variability of the pollutant or pollutant parameter in the effluent; 3) the sensitivity of the species to toxicity testing (when e valuating whole effluent toxicity); and 4) where appropriate, the dilution of the effluent by the receiving water. See 40 C.F.R. § 122.44(d)(1)(ii).

If the permitting authority determines that the discharge of a pollutant will cause, has the reasonable potential to cause, or contribute to an excursion above WQSs, the permit must contain water quality-based effluent limitations (WQBELs) for that pollutant. See 40 C.F.R. § 122.44(d)(1)(i).

7. EFFLUENT LIMITATIONS & MONITORING REQUIREMENTS

a. Flow: This permitting action establishes a daily maximum discharge flow limit of 67,680 MGD, based on information provided by the permittee, and a monthly average flow reporting requirement.

The following table summarizes effluent data reported on Discharge Monitoring Reports (DMRs) for the period of June 2015 to May 2025.

Flow (DMRs=100) Outfall #001A

Value	Limit (GPD)	Range (GPD)	Mean (GPD)
Monthly Average	67,680.0	3,600.0 – 57,165.0	39,112,8

b. Dilution Factors: The Department has determined the dilution flows for the discharge using daily flow data from the USGS flow gage on the East Branch of the Wesserunsett Stream near Athens (NWIS 01048220) for the 2008-2024 record period (full record). For the permitted flow limitation of 0.06768 MGD and the location and configuration of the outfall structure, the Department has established dilution factors as follows:

Acute: 1Q10 = 0.61 cfs $\Rightarrow \frac{(0.61 \text{ cfs})(0.6464) + 0.06768 \text{ MGD}}{0.06768 \text{ MGD}} = 6.8{:}1$

Chronic: 7Q10 = 0.71 cfs $\Rightarrow \frac{(0.71 \text{ cfs})(0.6464) + 0.06768 \text{ MGD}}{0.06768 \text{ MGD}} = 7.8{:}1$

Harmonic Mean[1] = 9.81 cfs $\Rightarrow \frac{(9.81 \text{ cfs})(0.6464) + 0.06768 \text{ MGD}}{0.06768 \text{ MGD}} = 94.7{:}1$

[1] 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 USEPA 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.

7. EFFLUENT LIMITATIONS & MONITORING REQUIREMENTS (Cont'd)

b. Dilution Factors (Cont'd):

06-096 C.M.R. Chapter 530(4)(B)(1) states the following:

"*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.*"

The Department has determined that the discharge via Outfall #001A achieves complete and rapid mixing with the receiving waters via an outlet diffuser. Thus, the Department is utilizing the full 1Q10 stream flow in acute evaluations pursuant to the provisions in 06-096 C.M.R. Chapter 530(4)(B)(1).

c. Temperature – This permitting action is establishing a daily maximum temperature limit of 85 degrees Fahrenheit (°F) for the discharged cooling water.

A summary of the temperature data as reported on the DMRs submitted to the Department for the period of June 2015 to May 2025 follows:

T**emperature (DMRs=175)**

Value	Limit (Deg F)	Ramge (Deg F)	Mean (Deg F)
Daily Maximum	85	35.0 – 84.6	64.9

d. pH – In accordance with Maine state statue, this permit is establishing pH limitations that are 6.5 – 9.0 SU.

38 M.R.S. 464(4)(A)(5) states the following:

> *Discharge of pollutants to any water of the State that violates sections 465, 465-A and 465-B, except as provided in section 451; causes the pH of fresh waters to fall outside of the 6.5 to 9.0 range.*

e. Total Residual Chlorine: This permitting action carries on the TRC limitations and monitoring requirements that were added from the January 23, 2017, Minor Revision, which includes a daily maximum limitation of 0.35 mg/L.

The following table summarizes effluent data reported on Discharge Monitoring Reports (DMRs) for the period of June 2015 to May 2025.

TRC **(DMRs=96)**

Value	Limit (mg/L)	Ramge (mg/L)	Mean (mg/L)
Daily Maximum	0.35	0.0 – 0.09	0.039

7. EFFLUENT LIMITATIONS & MONITORING REQUIREMENTS (Cont'd)

f. Temperature Difference: This permitting action is establishing a weekly average temperature difference limit of 0.5 degrees Fahrenheit (°F) when the weekly rolling average temperature of the receiving water is ≥66°F and is establishing a daily maximum temperature difference of 0.5 degrees Fahrenheit when the temperature of the receiving water is ≥73°F. The weekly average temperature of 66°F protects the normal growth of the brook trout and the daily maximum threshold temperature of 73°F protects the survival of juvenile and adult Atlantic salmon during the summer months (June 1st – September 30th). The Department interprets "weekly average temperature" to mean a seven (7) day rolling average. To promote consistency, the Department also interprets the ΔT of 0.5°F as a weekly rolling average criterion when the receiving water temperature is ≥66° F and <73° F. When the receiving water temperature is ≥73°F, compliance with the daily maximum ΔT of 0.5° F is evaluated daily.

The formula used to calculate the temperature difference is as follows:

$$\Delta T = \frac{Qds * (Td - Ts)}{Qd + (Qs * 646{,}300)}$$

Where:
ΔT = Temperature Difference of Stream (°F) by addition of discharge
Qd = Discharge Flow Rate (gallons per day, gpd)
Td = Discharge Temperature (°F)
Qs = East Branch Wesserunsett Stream Flow Rate (cubic feet per second, cfs)
Ts = East Branch Wesserunsett Stream Temperature (°F)
Flow rate unit conversion 1 cfs = 646,300 gpd

Also, the department's *Regulations Relating to Temperature*, 06-096 C.M.R. Chapter 582 (last amended May 4, 1996), states the following:

"*No discharge of pollutants shall cause the ambient temperature of any freshwater body, as measured outside a mixing zone, to be raised more than 5 degrees Fahrenheit or more than 3 degrees Fahrenheit in the epilimnion (upper mixed layer) of any lake or pond.*"

When the water temperature of the East Branch of Wesserunsett Stream is less than 66°F, the increase in the stream's water temperature due to the discharge is limited to 5°F. The department has analyzed the stream's flows for cold-water periods (October 1st – May 31st) in the 2008-2024 gage record and determined the minimum daily mean flow for each month at the permittee's outfall. As the gage record for the East Branch of Wesserunsett Stream does not include stream water temperature data, the department has used water temperature data for the Sheepscot River in North Whitefield (NWIS 01038000) to estimate the stream's minimum daily mean water temperature for each month. Using these estimates and the ΔT equation above, the maximum potential increase in the stream's water temperature for each month of the cold-water period is shown in the table below.

7. EFFLUENT LIMITATIONS & MONITORING REQUIREMENTS (Cont'd)

d. Temperature Difference (Cont'd):

Month	Minimum Stream Flow (cfs)	Minimum Stream Temperature (°F)	Cooling Water Discharge Rate (gpd)	Cooling Water Temperature (°F)	Change in Stream Temperature (°F)
October	0.96	40.5	67,680	85.0	4.4
November	3.04	32.2	67,680	85.0	1.8
December	12.0	32.0	67,680	85.0	0.5
January	8.02	32.0	67,680	85.0	0.7
February	6.53	32.0	67,680	85.0	0.8
March	6.45	32.0	67,680	85.0	0.8
April	13.9	34.0	67,680	85.0	0.4
May	3.85	48.2	67,680	85.0	1.0

As the maximum temperature change (ΔT) for each month is less than 5°F, the cooling water discharge will not cause an exceedance of the state's water quality criterion in 06-096 C.M.R. Chapter 582 when the stream's water temperature is less than 66°F. Therefore, this permitting action does not require temperature difference calculations by the permittee when the temperature of the stream water is less than 66°F.

e. Stream Flow: The August 2, 2017, permit modification established a daily reporting requirement for the minimum stream flow. Stream flow must be measured at US Geological Survey's gauge station #01048220.

A summary of the stream flow data as reported on the DMRs submitted to the Department for the period of June 2015 to May 2025 follows:

Flow (DMRs=72) Outfall #001A

Value	Limit (CFS)	Range (CFS)	Mean (CFS)
Monthly Average	1,460.0	0.9 – 1,460.0	122.8

f. Stream Temperature: The June 8, 2015, permit established a daily stream temperature reporting requirement. Stream temperature is to be measured by a US Geological Survey gauge station, or other place approved by the Department.

8. ANTI-BACKSLIDING

Federal regulation 40 C.F.R. §122.44(l) contains the criteria for what is often referred to as the anti-backsliding provisions of the Federal Water Pollution Control Act (Clean Water Act). In general, the regulation states that except for provisions specified in the regulation, effluent limitations, standard, or conditions must be at least as stringent as the final effluent limitations, standards or conditions in the previous permits. Applicable exceptions include: (1) material and substantial alterations or additions to the permitted facility occurred after permit issuance which justify the application of a less stringent effluent limitations and (2) information is available which was not available at the time of the permit issuance (other than revised regulations, guidance, or test methods) and which would justify the application of less stringent effluent limitations at the time of

8. ANTI-BACKSLIDING (Cont'd)

permit issuance. All limitations in this permit are equally or more stringent than those in the previous permit.

9. ANTI-DEGRADATION

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 waterbody to meet standards for Class B waters.

10. DEPARTMENT CONTACTS

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

Grace Vierling
Division of Water Quality Management
Bureau of Land & Water Quality
Department of Environmental Protection
17 State House Station
Augusta, Maine 04333-0017
Phone: (207) 248-2032
e-mail: grace.vierling@maine.gov