

INFRASTRUCTURE COMMITTEE MEETING

Monday, April 24, 2017

6:00 P.M.

HAMPDEN TOWN OFFICE

AGENDA

1. MINUTES – March 27, 2017 Meeting
2. OLD BUSINESS
  - a. Update on Grant Application for Old County Culvert
  - b. Review of draft FY18 Sewer expenses and revenues, and draft Sewer Capital Program; and potential referral of Fees Ordinance to Town Council for public hearing regarding sewer rates
3. NEW BUSINESS
  - a. Review of Interest Rate Bids for 2017 Sewer Revenue Obligation Bond in the amount of \$262,936 – *recommendation to Town Council*
  - b. 2016 CSO (Combined Sewer Overflow) Annual Report to DEP (*informational*)
  - c. 2016 Transfer Station Annual Report to DEP (*informational*)
  - d. Correspondence from MRC regarding April 26 MRC Board meeting and proposed revisions to funding of Joinder Agreement Reserve Funds, and proposed revisions to the Master Waste Supply Agreement and Site Lease
  - e. Committee discussion and position on LD 1479, An Act To Modernize and Improve Maine’s Property Tax System
  - f. Request for Town support of LD 1444 – An Act Regarding Large-Scale Community Solar Procurement – *Rosemary and Lisa Baldacci*
4. PUBLIC AND STAFF COMMENTS
5. COMMITTEE MEMBER COMMENTS
6. ADJOURN

## INFRASTRUCTURE COMMITTEE MEETING

Monday, March 27, 2017

### MINUTES – DRAFT

*Attending:*

<p><i>Mayor David Ryder, Acting Chair</i></p> <p><i>Councilor Dennis Marble</i></p> <p><i>Councilor Terry McAvoy</i></p> <p><i>Councilor Ivan McPike</i></p> <p><i>Councilor Mark Cormier</i></p> <p><i>Councilor Stephen Wilde</i></p>	<p><i>Town Manager Angus Jennings</i></p> <p><i>DPW Director Sean Currier</i></p> <p><i>Public Safety Director Joe Rogers</i></p> <p><i>Resident Bill Lippincott</i></p> <p><i>Engineering Consultant Kyle Corbeil</i></p> <p><i>Resident Vince Drottar</i></p> <p><i>Business owner Dan Higgins</i></p>
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*Mayor Ryder called the meeting to order at 6 PM.*

- 1. MINUTES – February 27, 2017 Meeting** – *Motion by Councilor Marble seconded by Councilor McAvoy to approve the minutes. 6-0 vote in favor.*

*Because Mr. Drottar was in attendance to represent the Street Light Petition for Chickadee Lane, it was proposed to consider New Business Item 3.a. out of order. There were no objections.*

### **3. NEW BUSINESS**

- a. Street light petitions: Chickadee Lane; 411 Old County Road** – *Vince Drottar, the President of the Chickadee Crossing Homeowners Association, addressed the Committee. He said that 26 lots are now occupied with one more under agreement. There are many older homeowners, and a lot of dog walkers, but no sidewalks. There are a couple of dark areas at night due to gaps in the street light locations, and he presented the neighborhood petition for addition of street lights.*

*Councilor McAvoy asked whether the street was constructed according to the approved subdivision plan. Manager Jennings said that he hadn't looked at that specifically, but that because the Town Council accepted the road as public a few years ago any addition of street lights would be the Town's responsibility. Councilors McAvoy and McPike recalled that at some point in the past, after the project was approved, the developer appeared at a public meeting to discuss street lights. Manager Jennings said he would have the Town Planner look into this and report back.*

*Chief Rogers said he agrees there are dark areas, but had not recommended addition of lights based on the criteria in the Street Light*

*Policy. Councilor McPike said he would like to see this petition favorably recommended. He made a motion to refer the petition to the Planning & Development Committee. It was seconded by Councilor McAvoy, and approved 6-0.*

## **2. OLD BUSINESS**

- a. Proposed work scope and budget from Drumlin Environmental and SoilMetrics for annual post-closure monitoring of Pine Tree Landfill** – *Manager Jennings recommended executing the contract for continuing peer review services, with expenses to be proposed for reimbursement from the Environmental Trust. Resident Bill Lippincott expressed concerns about reduced frequency of some testing. Members of the Committee said they rely on the expert advice of the consultant, and on the oversight exercised by DEP. Motion by Councilor Marble, seconded by Councilor McAvoy, to refer the contract to the Finance Committee with a recommendation to pay costs from the Host Community Benefit account with the expectation of reimbursement from the Environmental Trust. Motion passed 6-0.*
- b. Update on estimate for sewer costs associated with MaineDOT replacement of Grist Mill Bridge; and discussion of potential CSO master plan update** – ***Engineering consultant Kyle Corbeil, P.E., Woodard & Curran*** – *Mr. Corbeil reported on his firm’s ongoing work on estimating the bridge utility costs, for which the final design will need to be complete in July 2017. The bridge replacement timing would coincide with the Route 1A reconstruction. Councilor McPike asked if this would require a referendum vote in November 2017 and Manager Jennings said yes, noting that we would also need to budget for the engineering costs.*

*Mr. Corbeil spoke about the Souadabscook Pump Station, which is 30 years old but has a design life of 20 years. He also recommended updating the CSO Master Plan to inform capital planning. Director Currier said that CCTV was now underway to identify inflow and infiltration. There was discussion about Mr. Corbeil’s firm’s ongoing evaluation of the meter pit at the Bangor city line. Mayor Ryder said we’ll need costs for the bridge project, the pump station, and the engineering costs for both. Mr. Corbeil said they have done recent CSO Master Plans and that it costs about \$50,000. Councilor McAvoy asked if the CSO Master Plan would include cost estimates for recommended capital projects and Mr. Corbeil said that it would. However Mr. Corbeil said the CSO Master Plan could not be done until some of the diagnostics – the CCTV – are complete.*

- c. **Update on correspondence with Postmaster regarding mailbox locations and mailbox damage during plowing on Mayo Road –** *Director Currier reported on his conversations with the Postmaster, who is unable to alter the mail delivery route in this location. Mayor Ryder said that the amount of snow this winter was a contributing factor. Councilor McPike said there are also problems on Route 1A (although MDOT plows that route).*
- d. **RealTerm Energy Proposal regarding LED Streetlight Conversion (informational only, no action proposed) –** *The Committee acknowledged the materials in the packet and agreed that the LED streetlight initiative should be reviewed again in a year once nearer-term priorities are complete, and once more is known about costs.*

### 3. NEW BUSINESS

- a. **Street light petitions: Chickadee Lane; 411 Old County Road –** *This item was taken out of order and previously addressed.*
- b. **Proposed Memorandum of Agreement with MRC and Fiberight for potential Town contribution of funds toward Coldbrook Road infrastructure costs –** *Manager Jennings summarized the proposed MOU with revisions that had been proposed to MRC. Councilor McAvoy said he wanted to be sure this wouldn't be viewed as precedent. Manager Jennings said anyone can ask the Council for something like this in the future and it is up to a future Council to fund or not and that the current Council cannot control this, but he said the language that was added makes the current Council's intent clear. Councilor Marble asked if MRC has money they can put toward this and Manager Jennings said the request for MRC to document the need is still pending. A resident commented that \$167,000 to get public water on Coldbrook Route was not expensive. Three members of the Committee expressed that they were not in favor of the MOU, and three said they were open to it. The value of the Chapter 65 waiver was acknowledged since it would allow future tie-ins. There was a motion by Councilor Wilde to refer the MOU to the Finance Committee, seconded by Councilor Marble. The motion passed 6-0, with some members of the Committee expressing that they think the Finance Committee should review this but that they're not necessarily in favor of it.*
- c. **Update on proposed “L.D. 881, An Act To Increase Wastewater Management Responsibility by Licensing Certain Municipal**

**Sewage Collection Systems” and Town of Hampden testimony at March 23 public hearing in Augusta** – *The Committee shared Manager Jennings and Director Currier’s concerns regarding the proposed legislation and expressed support for the testimony that had been submitted.*

- d. **Summary of potential impacts on Hampden resulting from MaineDOT Compact Area Definition Rule and procedures by which MaineDOT will set boundaries around urban compact areas as defined by 23 MRSA §754 and §2** – *The Committee discussed the rule and agreed that, based on the potential that Hampden could be required to take over summer and winter maintenance of certain MDOT roads, this should be taken into account in considering equipment and budgeting needs. Councilor McAvoy said this should include looking at contracting out services.*
- e. **Invitation to Hampden to attend March 29 meeting with Bangor Council Chairman and others regarding options for solar on municipal properties / power purchase agreements** – *Councilor McPike volunteered to attend the meeting on the Town’s behalf.*
- f. **Request for Municipal Building Reserve funds up to \$1,200 for elevator test** – *There was a motion by Councilor McPike seconded by Councilor Wilde to recommend that the Town Council authorize up to \$1,200 from the Municipal Building Reserve to fund the required elevator test.*

#### **4. PUBLIC AND STAFF COMMENTS**

- a. **Staff update on posted part-time Public Works position** – *Manager Jennings notified the Committee of the recent job posting.*
- b. **Update on upcoming State and Federal Grant opportunities** – *Manager Jennings summarized the memo in the meeting packet regarding upcoming grant opportunities, and his recommendation to pursue funding through the following programs:*
  - *Northern Border District Commission: 2017 Economic & Infrastructure Development Investments Grants*
  - *State of Maine Department of Agriculture, Conservation & Forestry: Submerged Lands Program - Harbor Management and Access Grant*
  - *State of Maine Department of Agriculture, Conservation & Forestry: Coastal Communities Grant Program*

- *State of Maine Department of Agriculture, Conservation & Forestry: Boating Facilities Fund*

*After discussion by the Committee, Mayor Ryder invited public comments. Dan Higgins, owner of Hamlin's Marina, spoke about the seven years of collaboration between the Town, business owners, and State and Federal agencies that preceded the construction of Marina Park. He said that the waterfront businesses employ about fifty people seasonally, and that the progress to date would not have been possible without work from many people including the Town of Hampden. By unanimous consent, the Committee supported Town staff efforts to pursue the grants recommended in the memo from Manager Jennings, for the purposes outlined therein, as may be further refined within the grant-writing process.*

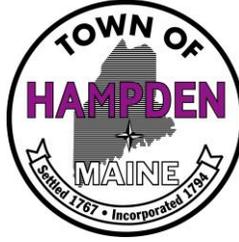
**5. COMMITTEE MEMBER COMMENTS – None.**

**6. ADJOURN**

*There being no further business, the meeting was adjourned at 8:21 PM.*

Respectfully submitted –  
Angus Jennings  
Town Manager

**Town of Hampden**  
106 Western Avenue  
Hampden, Maine 04444



**Phone:** (207) 862-3034  
**Fax:** (207) 862-5067  
**Email:**  
townmanager@hampdenmaine.gov

**TO:** Infrastructure Committee

**FROM:** Angus Jennings, Town Manager

**DATE:** April 20, 2017

**RE:** Grant application to DEP re Old County Road Culvert

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In January we submitted a grant application for the above-named project. We learned earlier this week that our project was not selected for funding. This is unfortunate; however since this project will be proposed for inclusion in an updated Capital Program, it will be worthwhile for members of the Committee to review the grant application since it sets out the project very clearly.

Due to the large file size I have not enclosed the application in this meeting packet. However the grant application is viewable online at:

[https://hampdenme.govoffice.com/vertical/Sites/%7B1FCAF0C4-5C5E-476D-A92E-1BED5B1F9E05%7D/uploads/Hampden\\_Culvert\\_Grant\\_Application\\_Final\\_011617.pdf](https://hampdenme.govoffice.com/vertical/Sites/%7B1FCAF0C4-5C5E-476D-A92E-1BED5B1F9E05%7D/uploads/Hampden_Culvert_Grant_Application_Final_011617.pdf)

**From:** "Maine Department of Environmental Protection" <[MEDEP@subscriptions.maine.gov](mailto:MEDEP@subscriptions.maine.gov)>  
**Subject:** DEP Notifies Third Round Recipients of Grants for Culvert Upgrades  
**Date:** April 18, 2017 at 11:56:20 AM EDT

# DEP Notifies Third Round Recipients of Grants for Culvert Upgrades

April 18, 2017

Contact: David Madore, Communications Director, [david.madore@maine.gov](mailto:david.madore@maine.gov) or (207) 287-5842

(AUGUSTA) — In November, 2014, Maine voters passed the “Clean Water for Maine” bond. As a result, \$5,400,000 in funds was earmarked for vital improvement projects including stream crossing and culvert upgrades. The projects awarded will: benefit public infrastructure by replacing several culverts that are currently failing and at risk of complete washouts, open up fish spawning habitat, eliminate undersized and other impassable culverts and reduce some of the worst ongoing erosion impacts to streams, brooks, and lakes.

The DEP received 53 applications to review which totaled over 4.1 million dollars in fund requests, the Department has issued over 2.2 million dollars in grant money through this third and final round of applications.

Three rounds of culvert grants have resulted in a total of 72 culvert upgrade projects in Maine communities statewide and have expended all the bond funds earmarked for these infrastructure improvements.

Maine DEP is pleased to announce funds for the following 28 projects across the State:

- Mattawamkeag – River Road \$95,000
- Porter – Kennard Hill Road \$70,000
- Brunswick – Hacker Road \$88,500
- Chub Cove Road Association (Cooper) \$40,000
- Dayton – Buzzell Road \$95,000
- Porter – Sarah Bridge Road \$60,000
- Auburn – Hotel Road \$95,000
- Monmouth – Sanborn Road \$90,000
- Willimantic – Wilson Stream Road \$50,000
- York – Cider Hill Road \$95,000
- Durham – Auburn Pownal Road \$95,000
- West Bath – Sabino Road \$95,000
- Durham – Auburn-Pownal Road \$95,000
- Cumberland – Mill Road \$47,500
- Wade – Gardner Creek Road \$95,000
- Yarmouth – Ledge Road \$95,000
- Buckfield – Shedd Hollow Road \$95,000
- Chelsea – Nelson Road \$95,000
- Pittston – Parker Road \$95,000
- Phillips – Bridge Street \$95,000
- Grand Lake Stream – Water Street \$25,000
- Madison – Shusta Road \$65,000

- China – Pleasant View Ridge Road \$95,000
- Farmington – Front Street \$75,000
- Warren – Sandy Shores Road \$95,000
- Hallowell – Outer Central Street \$95,000
- Orono – Main Street \$42,209.82
- Rockland – Thompson Meadow Road \$42,209.82

For more information including examples of successful applications and the master score sheet for this round please visit Maine DEP's website <http://www.maine.gov/dep/land/waterbondrfp.html>

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**Maine Department of Environmental Protection**

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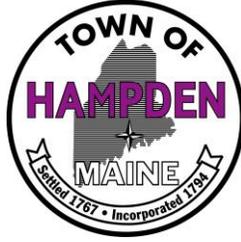


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This email was sent to [pruck@stillwaterenv.com](mailto:pruck@stillwaterenv.com) using GovDelivery, on behalf of: Maine Department of Environmental Protection · 17 State House Station · Augusta, ME 04333 · [207-287-7688](tel:207-287-7688)



**Town of Hampden**  
106 Western Avenue  
Hampden, Maine 04444



**Phone:** (207) 862-3034  
**Fax:** (207) 862-5067  
**Email:**  
townmanager@hampdenmaine.gov

**TO:** Infrastructure Committee

**FROM:** Angus Jennings, Town Manager

**DATE:** April 20, 2017

**RE:** Update on sewer budgeting for FY18

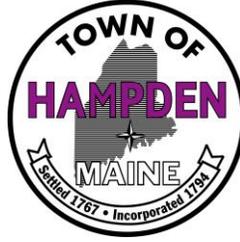
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Since the Committee's discussions at its January and February meetings, we have made substantial progress toward estimating costs associated with FY18 sewer operations, maintenance and capital projects.

Recently, we have received greater clarity from the City of Bangor regarding the cost and timing of capital improvements to the Wastewater Treatment Plant for which Hampden bears some cost responsibility. This information was necessary in order to establish the appropriate borrowing amount to meet these obligations (which will be discussed under Item 3.a. of the agenda). The interest rate bids that we receive Monday morning will provide the information we need to update the projected debt service costs for FY18.

We are still at work to finalize our projections of costs and needed revenues, and to offer a recommendation regarding sewer rates. A supplement to this meeting packet will be circulated and posted, anticipated late tomorrow (Friday).

**Town of Hampden**  
106 Western Avenue  
Hampden, Maine 04444



**Phone:** (207) 862-3034  
**Fax:** (207) 862-5067  
**Email:**  
townmanager@hampdenmaine.gov

TO: Infrastructure Committee  
FROM: Angus Jennings, Town Manager  
DATE: April 22, 2017  
RE: Projected FY18 sewer revenues and draft FY18 sewer expense budget

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The attached is provided for discussion at Monday night's Infrastructure Committee meeting. Three items contribute to a proposed increase in the sewer expense budget:

1. the increased borrowing costs due to the two loans initiated in 2017;
2. increased sewer operating costs including regarding CCTV, easement clearing, CSO tank sealing, and GIS mapping; and
3. the proposed assignment of a current DPW staff member to be dedicated to the sewer (at Grade 8 Step E), and the addition of a new position (Grade 4 Step D).

The combined effect of these three changes would be to add about \$270,000 in expenses. These increases would be partially offset by some other reduced expenses, but the net increase in proposed costs is \$145,000.

Regarding sewer capital planning, Woodard & Curran is proceeding with work to:

- advance cost estimates for the Grist Mill Bridge project (construction anticipated 2018; anticipated voter referendum to authorize borrowing November 2017);
- prepare preliminary engineering with cost estimates regarding the Souadabscook Pump Station;
- continued analysis of the meter pit at the Bangor-Hampden line; and
- prepare a proposed scope and budget for an update to the 2008 CSO (Combined Sewer Overflow) Master Plan.

The FY18 sewer working meeting of the Council is scheduled for Wednesday, May 17. More information on each of the above projects will be available at that time.

The attached is not the formal Town Manager proposed FY18 sewer budget, which will be presented on May 1. The Committee is not expected to take binding positions on the proposed budget, or on the proposed cost increases.

However, it is recommended that the Committee recommend that the Town Council schedule a public hearing on Monday, May 15 to review sewer rates. That will provide the opportunity to increase revenues if that is supported by the Council. The May 15 hearing will also allow the May 17 work session to take into account information regarding whether new rates will be in effect for most of FY18.

**Hampden Sewer FY18 Budget Workbook**

	Incurred FY15	Incurred FY16	Budget FY17	YTD FY17 thru 4/21/17	Percent 80.8% of year	Budget (DRAFT) FY18 as of 4/22/17	Change FY17 to FY18	Budget Notes FY18
<b>Sewer Expense Budget</b>								
<b>60 - SEWER</b>								
10 - FUND 2								
<b>01 - COMPENSATION</b>								
01 - WAGES (DEDICATED)						\$72,945	↑ \$72,945	Transfer of DPW staff (8E); New hire (4D). Benefits to be proposed in General Fund DPW budget.
05 - WAGES (GEN FUND OFFSET)	\$60,000	\$60,000	\$60,000	\$60,000	100%	\$60,000	→ \$0	Appropriation for contribution to public works/admin salary offset.
<b>10 - SUPPLIES</b>								
01 - SUPPLIES/OFFICE	\$5	\$0	\$0	\$0		\$0	→ \$0	
05 - POSTAGE/SHIPPING	\$6,389	\$7,370	\$6,000	\$5,640	94%	\$8,000	→ \$2,000	Cost of sewer billing printing & postage 4 times per year.
20 - SUPPLIES/MATERIALS	\$6,752	\$5,849	\$10,000	\$8,363	84%	\$3,490	↓ (\$6,510)	Pump station or line repair supplies: 6 sewer manhole castings; bricks, mortar, etc.; riser rings. (Removes cost of meter readings, budgeted elsewhere).
99 - MISC.	\$0	\$0	\$2,400	\$3,445	144%	\$3,320	→ \$920	Jet truck nozzles (\$1,500); Dye testing packets (\$110); Tiger tales for jet truck (\$110); grade stakes (\$150); spoon to clean inverts (\$450); Trio software (\$1,000).
<b>15 - UTILITIES</b>								
05 - ELECTRICITY	\$33,811	\$37,055	\$36,000	\$27,660	77%	\$30,400	↓ (\$5,600)	Electric charges for pump stations. Includes new pump station for MRC, partial year. Reduced per Maine Power Options estimate.
10 - FUEL	\$7,602	\$8,864	\$7,000	\$213	3%	\$3,000	↓ (\$4,000)	Fuel costs for pump stations. (FY17 included cost of meter readings).
<b>20 - MAINTENANCE/REPAIRS</b>								
53 - Repair	\$0	\$21,629	\$52,000	\$0	0%	\$5,500	↓ (\$46,500)	Repair costs for pump stations and sewer lines. Includes manhole repair on Dewey St (\$500) and misc. pump station upgrades (\$5k).
<b>30 - PROFESSIONAL SERVICES</b>								
02 - PROF SVCS/METER READINGS				\$0		\$8,000	→ \$8,000	Expense unchanged. Proposed here instead of 60-10-10-20.
37 - PROF SVCS/LICENSE FEES			\$0	\$1,532		\$7,720	→ \$7,720	License fees to State Treasurer (\$475., removed from 60-10-10-20). Trio service (\$750., paid in FY17 from 60-10-10-99). \$2,700 to Bangor for Industrial Pretreatment Program Admin fee (paid out of 60-10-60-04 in FY17); Annual report fee (\$180); Trio annual software costs (\$1,135); Annual rent to Maine Central Railroad, due September (\$2,480).
40 - LIENS/TRANSFERS	\$3,972	\$8,961	\$5,600	\$3,204	57%	\$5,600	→ \$0	Cost of lien placement and discharge for sewer liens.
80 - TRAINING / TRAVEL						\$2,800	→ \$2,800	New sewer employee training incl. collection system certification course.
<b>60 - SEWER EXPENSES</b>								
02 - TREATMENT SERVICE CHARGE	\$ 249,993.84	\$128,762	\$262,494	\$68,689	26%	\$163,008	↓ (\$99,486)	Projected sewer treatment charges by City of Bangor. Prior three years' monthly cost average x 12.

**Hampden Sewer FY18 Budget Workbook**

	Incurring FY15	Incurring FY16	Budget FY17	YTD FY17 thru 4/21/17	Percent 80.8% of year	Budget (DRAFT) FY18 as of 4/22/17	Change FY17 to FY18	Budget Notes FY18
04 - PUMP STATION MAINT.	\$ 48,012.52	\$64,450	\$43,878	\$35,221	80%	\$59,003	↑ \$15,125	Cost of contracted pump station maintenance services by Bangor. Based on avg. invoice prior 12 months. Increased by one pump station, 1/4 year, for new pump station (MRC).
10 - O&M CONTINGENCY		\$2,509	\$5,000	\$0	0%	\$5,000	→ \$0	Small projects that are above and beyond the routine repair costs. TBD based on CIP.
16 - PRINC/INT FMHA	\$371,109	\$380,193	\$381,465	\$383,136	100%	<b>\$458,609</b>	↑ \$75,473	<b>Total debt service</b> includes all six financing obligations (below).
1997 State Revolving Loan Fund						\$96,217		Bond will be paid off in FY18.
2009 1A Sewer Project						\$103,669		Bond will be paid off in FY26.
2014 1A Sewer & Pump Station						\$68,594		Bond will be paid off in FY35.
2006 Sewer Bond						\$108,526		Bond will be paid off in FY30.
2017 The First (overdue bills)						\$40,543		Loan will be paid off in FY24.
2017 Bangor WWTP						\$41,060		See separate expense table. Based on <b>assumed</b> 7 years at 2.42% interest. To be updated based on recommended borrowing terms.
19 - INTERFUND (TO GF)		\$0	\$100,000	\$0	0%	\$100,000	→ \$0	Second year of multi-year payback. (Current amount owed: \$801,570; projected year-end FY17, \$651,570).
22 - SPECIAL PROJ	\$0	\$0	\$15,500	\$13,383	86%	\$135,000	↑ \$119,500	Easement clearing (\$20k); CCTV for defect investigation (\$60k); Seal CSO tank joints (\$30k); Flushing/Cleaning (\$5k); GIS Mapping (\$5,000); <b>Engineering Svcs (\$20k)</b> .
24 - SEWER FLUSHER REPAIRS	\$0		\$0	\$0		\$0	→ \$0	
26 - SEWER LEGAL & BOND COUNSEL		\$0	\$0	\$0		\$800	→ \$800	FY17 costs paid from 60-10-30-40.
	<b>\$787,647</b>	<b>\$725,643</b>	<b>\$987,337</b>	<b>\$610,484</b>	<b>62%</b>	<b>\$1,132,194</b>	<b>↑ \$144,857</b>	

**Hampden Sewer FY18 Budget Workbook**

	Incurring FY15	Incurring FY16	Budget FY17	YTD FY17 thru 4/21/17	Percent 80.8% of year	Budget (DRAFT) FY18 as of 4/22/17	Change FY17 to FY18	Budget Notes FY18
<b>Sewer Revenue Budget</b>								
<b>60 - SEWER</b>								
<b>01 - SEWER BILLS</b>	\$546,133	\$542,518	\$943,845	\$724,473	77%	\$965,964	↑ \$22,119	Projection based on current sewer rates and YTD collections.
<b>03 - INTEREST ON SEWER BILLS</b>	\$1,924	\$1,784	\$1,735	\$1,948	112%	\$2,400	↗ \$665	
<b>05 - INTEREST/COSTS ON SEWER LIENS</b>	\$9,697	\$8,832	\$9,050	\$5,414	60%	\$7,219	↓ (\$1,831)	
<b>08 - ABATEMENTS</b>	(\$14,003)	(\$383)	\$0	(\$3,344)		(\$4,500)	↓ (\$4,500)	
<b>20 - THE FIRST BORROWING PROCEEDS</b>							↘ \$0	Added on advice of Auditor.
<b>23 - INTEREST EARNED</b>	\$1,234	\$87	\$1,230	\$586	48%	\$781	↓ (\$449)	
<b>24 - CONSTRUCTION INTEREST</b>	\$541	\$210	\$0	\$4		\$5	↗ \$5	
<b>60 - SEWER - DEBIT CARD</b>	\$4	(\$122)	\$0	(\$261)		(\$348)	↓ (\$348)	
<b>79 - MISC SEWER INCOME</b>	\$0	\$64	\$0	\$1,319		\$0	↗ \$0	Potential grant proceeds (not budgeted).
<b>TBD - INDUSTRIAL USER SURCHARGE</b>			\$0			\$3,479	↗ \$3,479	Supplemental charge to Fiberight (1/4 year).
<b>Final Totals</b>	\$545,530	\$552,989	\$955,860	\$730,138		\$975,000	\$19,140	
<i>Prior Surplus / (Deficit)</i>	(\$242,117)	(\$172,654)						
<i>Projected Surplus / (Deficit)</i>			(\$31,477)	\$119,654				
						<b>Projected Surplus / (Deficit)</b>	<b>(\$157,194)</b>	
						<b>Will require add'l revenue or reduced costs of:</b>	<b>\$157,194</b>	

**TOWN OF HAMPDEN SEWER FUND, 5 YR CAPITAL IMPROVEMENT PLAN (WORKING DRAFT)**

as of **4/21/2017**

TASK	FY17	FY18	FY19	FY20	FY21	FY22	TOTAL (FY18-22)	
CSO TANK SEALING (5 tanks)	\$35,000.00	\$30,000.00	\$7,500.00	\$7,500.00	\$7,500.00		\$52,500.00	
CCTV - FLUSH SEWER SYSTEM	\$17,000.00	\$60,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$180,000.00	
SEWER FORCE MAIN-SOUADABSCOOK PUMP STATION							\$500,000.00	Potential share w Gen. Fund
SOUADABSCOOK PUMP STATION ALT 1 (REPLACE AS IS)								
SOUADABSCOOK PUMP STATION ALT 2 (INCREASE CAPACITY)								
I/I STUDY - MAYO ROAD		x	x				\$0.00	
I/I STUDY - WESTBROOK TERRACE		x	x				\$0.00	
METER PIT PARSHALL FLUME STUDY	\$7,000.00						\$0.00	
METER PIT PARSHALL FLUME FIX/VALVE INSTALL		\$10,000.00					\$10,000.00	
SEWER PROJECT PRIORITY #4 (#1-3 COMPLETED)* <i>-RT1A FROM RT 9 TO SKEHAN AND ELM ST. WEST</i>							\$764,500.00	estimate from 2008
SEWER PROJECT PRIORITY #5 * <i>-WESTERN AVE FROM 1A TO RITE AID</i>							\$561,500.00	estimate from 2008
SEWER PROJECT PRIORITY #6 * <i>-PLEASANT ST FROM DEAD END TO INT AND SUMMER ST.</i>							\$462,625.00	estimate from 2008
SEWER PROJECT PRIORITY #7 * <i>-CARVER ST AND 3 SPOTS ON MRN NEAR HUGHES BROS</i>							\$472,000.00	estimate from 2008
REPLACE SUMMER STREET PUMP	\$6,500.00						\$0.00	
REPLACE COUNTY ROAD SS (3 AREAS) (2,450 LF)							\$407,250.00	
REPLACE MOUNTAINVIEW SS (930 LF)							\$155,450.00	
REPLACE DEWEY STREET SS (390 LF)							\$65,350.00	
REPLACE SEWER JET WITH JET/VAC (FUND RESERVE)							\$0.00	
	\$65,500.00	\$100,000.00	\$37,500.00	\$37,500.00	\$37,500.00	\$30,000.00		

\* Priority Projects refer to analysis by Woodard & Curran, 2008. Costs for priority projects are based on 2008 estimates, not adjusted for inflation.

<b>HAMPDEN'S PORTION OF BANGOR WWTP CAPITAL IMPROVEMENTS</b>						
<b>TASK</b>	<b>FY17</b>	<b>FY18</b>	<b>FY19</b>	<b>FY20</b>	<b>FY21</b>	<b>FY22</b>
Aeration system repairs	\$ 505,000.00	\$ 250,000.00				
Submersible flyght pumps		\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
Electrical control system		\$ 80,000.00				
Catwalk repairs		\$ 6,000.00				
Plant/building repairs		\$ 10,000.00				
Total per Fiscal Year	\$ 505,000.00	\$ 446,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
Hampden percent	8.33%	8.33%	8.33%	8.33%	8.33%	8.33%
<b>Hampden share</b>	<b>\$ 42,066.50</b>	<b>\$ 37,151.80</b>	<b>\$ 8,330.00</b>	<b>\$ 8,330.00</b>	<b>\$ 8,330.00</b>	<b>\$ 8,330.00</b>
<i>Hampden share, other than Biotower (FY17-18):</i>	\$ 79,218.30					
<i>Biotower cost (inoice pending):</i>	\$ 183,718.00					
<i>Total projected cost:</i>	\$ 262,936.30					
<b>Total proposed for borrowing:</b>	<b>\$ 262,936.30</b>					

Note: Hampden contribution at 8.33% per Interlocal Agreement Sec. A Item 6.(a).

**Town of Hampden**  
106 Western Avenue  
Hampden, Maine 04444



**Phone:** (207) 862-3034  
**Fax:** (207) 862-5067  
**Email:**  
townmanager@hampdenmaine.gov

**REQUEST FOR INTEREST RATE BID**  
**\$262,936 Tax Exempt Revenue Obligation Bond**  
**Town of Hampden, Maine**

The Town of Hampden is seeking interest rate bids for a tax exempt revenue obligation bond in the amount of \$262,936 as the Town of Hampden's required contribution, pursuant to an Intermunicipal Agreement with the City of Bangor, toward the costs of improvements to the Bangor Wastewater Treatment Plant (WWTP). Authorization for this borrowing was granted by referendum vote on November 8, 2016.

The Town Council is evaluating alternative repayment periods, and we invite interest rates for terms of five (5), seven (7) and ten (10) years. Proposal must specify how long the quoted interest rates will be honored. The Town would like borrowing to include a "call" provision to allow for refinancing if interest rates fall during the term of the loan. Borrowing would be repaid from sewer revenues.

The Town will be advised by Eaton Peabody, acting as bond counsel. At closing, that firm will issue its opinion that the 2017 Revenue Obligation Bond has been duly authorized, will be validly issued by the Town, and that interest on the Bond will be tax-exempt to holders. The Bond will be designated a "qualified tax-exempt obligation" of the Town under §265 of the Internal Revenue Code.

Enclosed please find a copy of the Town's most recent audit (FY15) as well as a copy of the current year sewer budget with year to date spending and revenues. If you require additional information, please contact Angus Jennings, Town Manager at 862-3034 no later than close of business on Tuesday, April 18. Information provided in response to a prospective bidder's request will be provided as an Addendum to all prospective bidders who have expressed interest in receiving such information.

Bids shall be sealed and clearly marked as "Interest Rate Bid: Sewer WWTP" on the exterior envelope when submitted. Bids shall be submitted to the following address:

Town of Hampden  
Attn: Town Manager  
106 Western Avenue  
Hampden, ME 04444

Bids are due by 9 a.m. on Monday, April 24, 2017 and will be opened at that time. The winning bid shall be awarded at the Town Council meeting on Monday, May 1, 2017. The Hampden Town Council reserves the right to accept or reject any and all bids.



## TOWN OF HAMPDEN

### CLERK'S CERTIFICATE

I, Paula A. Scott, Clerk of the Town of Hampden, do hereby certify that the following is a true and accurate record of a vote taken by the Town Council of said Hampden, at a regular meeting held on September 8, 2016, a majority of the Councilors being present:

VOTED: Motion by Councilor McAvoy, seconded by Councilor Marble - ordinance authorizing appropriation and borrowing of funds to finance the Town of Hampden's cost contribution to improvements to the City of Bangor's wastewater treatment plant Biotower, including aeration system upgrades, through the issuance of General Obligation Bonds or Notes of the Town of Hampden which may be callable in the principal amount not to exceed \$300,000.00— Unanimous vote in favor.

Ordinance authorizing said appropriation and borrowing of funds was approved by a majority of those councilors present and placed on the ballot of the Municipal and Referendum election held on November 8<sup>th</sup>, 2016.

I, Paula A. Scott, Clerk of the Town of Hampden, do hereby further certify that the following is a true and accurate record of the return of votes cast by the townspeople of the Town of Hampden and entered into the permanent record of the Town of Hampden, Maine.

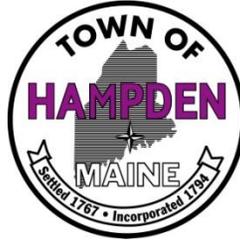
Referendum Ballot Question 2 – Wastewater Treatment Plant Improvements Bond

Yes    2769                      No    1567

Dated: December 8, 2016

*Paula A. Scott*  
Clerk, Town of Hampden

**Town of Hampden**  
106 Western Avenue  
Hampden, Maine 04444



**Phone:** (207) 862-3034  
**Fax:** (207) 862-5067  
**Email:**  
townmanager@hampdenmaine.gov

### **Addendum #1 to Invitation for Interest Rate Bids**

#### \$262,936 Tax Exempt Revenue Obligation Bond, Town of Hampden, Maine

The following is a list of questions submitted to the Town in writing, or asked verbally to the Town Manager, and responses from the Town:

- Q. *We intend to submit a bid on the potential five- and seven-year terms, but do not intend to submit a bid for a term of ten years. Will that be considered responsive?*
- A. The Town will award the bid based on the term of loan and proposed interest rate determined by the Town Council to be most favorable. If a bid is submitted for five- and seven-year terms those bids will be considered.
- Q. *Please provide a copy of the FY16 Town Audit?*
- A. The FY16 Town Audit has not been delivered to the Town in final form, but is expected any day now, and will be presented to the Town Council on Monday, May 1. The most recent draft Sewer Fund financial statements, received on Friday April 14, are attached. A bid submitted with a caveat in the event that the final Audit includes any substantial deviation from this draft would be acceptable.
- Q. *The FY15 Audit indicates that the Sewer Fund incurred more costs than revenues; has the situation changed?*
- A. Following the hiring of a new DPW Director in June 2015 and a new Town Manager in August 2015, a thorough review of the sewer finances and operations was undertaken during FY16. Background information regarding this effort is online at [www.hampdenmaine.gov/sewer](http://www.hampdenmaine.gov/sewer). This led to Town Council adoption of a significant sewer rate increase in February 2016. This rate increase took effect for the 2<sup>nd</sup> quarter of billing in 2016, and increased revenues were realized beginning in August 2016. The rate increase did budget for repayment to the General Fund of a number of interfund transfers that had taken place over the course of prior years. Because increased revenues were not realized until the beginning of FY17, the FY16 Audit continues to show expenses outpacing revenues. However, the current rate structure places the Sewer Fund on sound financial footing. (The FY17 Budget and Year-to-Date Sewer Collections were included as an attachment to the Invitation for Interest Rate Bids). On May 15, 2017 it is anticipated that the Town Council will hold a public hearing to consider another rate increase, taking into account the debt service to be incurred following on voter authorization in November 2016.
- Q. *Please provide a copy of the FY14 Town Audit.*
- A. A copy is attached.

*Q. Our bank does not charge a prepayment penalty. Is this information alone responsive to the request for a “call” provision that is included in the Invitation for Bids, since it would allow the Town to refinance and prepay the outstanding balance? Or would it be preferable to propose a mechanism whereby the rate would reset in the event that market rates drop by a fixed percentage?*

A. Either approach would be considered responsive to the Invitation for Bids. The Town will award the bid based on the term of loan and proposed interest rate determined by the Town Council to be most favorable.

*Q. What is the anticipated loan closing date?*

A. Tuesday, May 16.

This will be the only Addendum to this Invitation for Interest Rate Bids.

April 18, 2017

Angus G. Jennings, Town Manager  
Town of Hampden  
106 Western Ave.  
Hampden, ME 04444

Re: 2017 \$262,936 Revenue Obligation Bond

Dear Angus:

The purpose of this letter is to set forth the role we propose to serve and responsibilities we propose to assume as bond counsel in connection with the issuance of the above-referenced Bond (the "Bond") by the Town of Hampden (the "Issuer").

Bond counsel is engaged as a recognized expert whose primary responsibility is to render an objective legal opinion with respect to the authorization and issuance of Bonds.

As bond counsel, we will: examine applicable law; prepare authorizing and operative documents; consult with the parties to the transaction prior to the issuance of the Bond; review certified proceedings; and undertake such additional duties as we deem necessary to render the opinion. We understand this issue will finance the Town of Hampden's portion of costs related to improving the City of Bangor's Wastewater Treatment Plant.

Subject to the completion of proceedings to our satisfaction, we will render our opinion that:

1. The Bond is a valid and binding general obligation of the Issuer;
2. The interest on the Bond is excluded from gross income for federal income tax purposes and is not an item of tax preference for purposes of the federal alternative minimum tax imposed on individuals and corporations; it should be noted, however, that for the purpose of computing the alternative minimum tax imposed on corporations (as defined for federal income tax purposes), such interest is taken into account in determining adjusted net book income (adjusted current earnings for taxable years beginning after December 31, 1989).
3. The interest paid on the Bond will be exempt from Maine income taxes;
4. The Bond is a "qualified tax-exempt obligation" within the meaning of Section 265(b)(3) of the Code, and, in the case of certain financial institutions (within the meaning of

Section 265(b)(5) of the Code), a deduction is allowed for 80 percent of that portion of such financial institutions' interest expense allocable to interest on the Bonds.

The opinion will be executed and delivered by us in written form on the date the Bond is exchanged for their purchase price (the "Closing") and will be based on facts and law existing as of its date. Upon delivery of the opinion, our responsibilities as bond counsel will be concluded with respect to this financing; specifically, but without implied limitation, we do not undertake (unless separately engaged) to provide continuing advice to the Issuer or any other party concerning any actions necessary to assure that interest paid on the Bond will continue to be excluded from gross income for federal income tax purposes.

In rendering the opinion, we will rely upon the certified proceedings and other certifications of public officials and other persons furnished to us without undertaking to verify the same by independent investigation.

As bond counsel, we do not advocate the interests of the Issuer or any other party to the transaction. We assume that the Issuer will be represented by its counsel and that other parties to the transaction will retain such counsel as they deem necessary and appropriate to represent their interests in this transaction.

As bond counsel, we will not assume or undertake responsibility for the preparation of an Official Statement or any other disclosure document with respect to the Bond, nor are we responsible for performing an independent investigation to determine the accuracy, completeness or sufficiency of any such document. However, if a disclosure document will be adopted or approved by the Issuer, our responsibility will include the preparation or review of any description therein of: (i) Maine and federal law pertinent to the validity of the Bond and the tax treatment of interest paid thereon, (ii) the terms of the Bond, and (iii) our opinion.

Based upon: (i) our current understanding of the terms, structure, size and schedule of the financing, (ii) the duties we will undertake pursuant to this letter, (iii) the time we anticipate devoting to the financing, and (iv) the responsibilities we assume, we have agreed to perform the responsibilities described above for \$3,000. Such fee may vary: (i) if the principal amount of the Bond actually issued differs significantly from the amount stated above, (ii) if material changes in the structure of the financing occur, or (iii) if unusual or unforeseen circumstances arise which require a significant increase in our time or responsibility. If, at any time, we believe that circumstances require an adjustment of our original fee estimated, we will consult with you. In addition, we will expect to be reimbursed for all out-of-pocket expenses, including travel costs, photocopying, deliveries, long distance telephone charges, filing fees, and other necessary office disbursements.

If, for any reason, the financing is not consummated or is completed without the rendition of our opinion as bond counsel, we will expect to be compensated at our normal hourly rates (currently a blended rate of \$275 per hour for all lawyers and paralegals working on the bond) for time actually spent, plus out-of-pocket expenses. Our fee is usually paid at the Closing, and

we customarily do not submit any statement until the Closing unless there is a substantial delay in completing the financing.

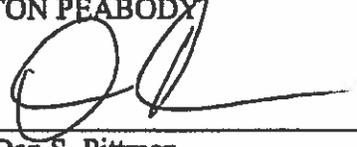
I have attached a calendar for this Bond. Please review it and confirm the proposed schedule is satisfactory.

- April 18: EP sends draft notice of meeting to Town for review and comment.
- April 19: Town comments on draft notice. EP makes arrangement to have notice published in the *Bangor Daily News* on April 24, 2017.
- April 21: EP sends draft bond documents to Town for review and comment.
- April 24: Bank bids deadline. Town discusses bid results with EP.
- April 26: Town comments on draft documents to EP.
- April 26: EP sends final documents to Town for execution at May 1 meeting.
- May 1: Town awards bid and signs documents.
- May 3: Town returns signed documents to EP.
- May 16: Closing, funds available.

Also enclosed is a statement of our standard conditions for representation, which apply, but only to the extent not inconsistent with the terms set out in this letter.

If the foregoing terms of this engagement are acceptable to you, please so indicate by returning the enclosed copy of this letter signed by an appropriate officer retaining the original for your files. We look forward to working with you.

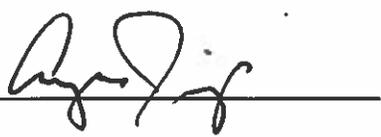
EATON PEABODY

By: 

Dan S. Pittman

ACCEPTED AND APPROVED:

TOWN OF HAMPDEN

By: 

Its Town Manager  
Duly Authorized



Angus Jennings <townmanager@hampdenmaine.gov>

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## Fwd: RE: 2016 Annual CSO Report - Town of Hampden

1 message

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Sean Currier <publicworks@hampdenmaine.gov>

Tue, Feb 28, 2017 at 2:37 PM

To: Rosemary Bezanson <adminasst@hampdenmaine.gov>, Angus Jennings <townmanager@hampdenmaine.gov>

Fyi

----- Forwarded message -----

From: "Riley, Michael S" <Michael.S.Riley@maine.gov>

Date: Feb 28, 2017 2:16 PM

Subject: RE: 2016 Annual CSO Report - Town of Hampden

To: "Sean Currier" <publicworks@hampdenmaine.gov>

Cc:

Greetings Sean,

This e-mail serves as official confirmation that we have received the Annual CSO Progress Report for 2016, and the 2016 CSO Activity and Volumes report for the Town of Hampden . We appreciate you submitting these reports in a timely manner so we can take the data from each CSO community, and compile it into the 2016 CSO Status Report for the State of Maine, which will be issued later this year. Thank you again for your continued efforts to reduce CSO discharges.

*Mike Riley, P.E.,*

CSO Coordinator

Senior Environmental Engineer

Department of Environmental Protection

Division of Water Quality Management

(207) 287-7766 (desk) (207) 745-4242 (cell)

michael.s.riley@maine.gov

**From:** Sean Currier [mailto:publicworks@hampdenmaine.gov]

**Sent:** Tuesday, February 28, 2017 12:03 PM

**To:** Riley, Michael S

**Cc:** Angus Jennings

**Subject:** 2016 Annual CSO Report - Town of Hampden

Mike, Attached, you will find the two requested documents which should complete our annual CSO progress submission for the Town of Hampden. Feel free to call with any questions.

Please verify that our submission is received and complete.

Thank you,

Sean

---

Sean Currier

Public Works Director

Town of Hampden

106 Western Avenue

Hampden, ME 04444

[\(207\)862-3337](tel:(207)862-3337)

# MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION



## ANNUAL CSO PROGRESS REPORT FOR 2016

Doc Num: DEPLW0059-Q2016 Rev Date: 12/21/2016

*Please use the Annual Progress Report Instructions when filling out this report.*

Permittee:	<b>Town of Hampden</b>	Contact Person:	<b>Sean Currier</b>
Address:	<b>106 Western Avenue</b>	Telephone No.	<b>207-862-3337</b>
	<b>Hampden, Me. 04444</b>	MEPDES Permit No.	<b>ME0102512</b>
		Maine License No.	<b>W007967</b>

**Indicates Cell Value Calculated By Spreadsheet**

**Indicates Cell With A Dropdown List**

1. Information on Combined Sewer System

A. Current sewered population		<b>1,536</b>
B. Current number of residential users (connections to sewer)		<b>1,418</b>
C. Current number of commercial/industrial users (connections to sewer)		<b>118</b>
D. Current average residential user charge for 8000 cubic feet per year, (\$/year)	\$	<b>564.84</b>
E. Median Household Income (MHI), (\$/year)	\$	<b>82,264</b>
F. Current residential user charge expressed as percent of MHI, (%)	%	<b>0.69</b>
G. Original number of CSO locations at beginning of abatement program		<b>6</b>
H. Current number of CSO locations		<b>1</b>
I. Percent reduction of CSOs to date, (%)	%	<b>83</b>
J. List any CSOs removed in reporting year, (list individually)		

	<u>CSO #</u>	<u>Name</u>
1.		
2.		
3.		
4.		

K. Total sewer footage, (feet)		<b>147,600</b>
L. Original percentage of combined sewer to total sewer, (%)	%	
M. Current percentage of combined sewer to total sewer, (%)	%	
N. Percent reduction of combined sewer, (%)	%	

## ANNUAL CSO PROGRESS REPORT FOR 2016

### 2. CSO Progress

A. Are you on schedule with your approved CSO Abatement Plan? (Please see attached instructions) (Yes, No) Yes

B. If existing schedule is behind the approved schedule, list the reasons why and how the permittee proposes to catch up in order to comply with the approved schedule.

C. List major accomplishments last year to reduce or abate CSOs, (list individually)

	<u>Project</u>	<u>Estimate of flow reductions</u>
1.		
2.		
3.		

D. Costs:

1) Total original cost estimate for complete program from initial CSO Master Plan	\$	<b>1,176,000</b>
2) Revised total cost estimate for complete program from Updated CSO Master Plan (includes all prior costs and update costs)	\$	<b>4,000,000</b>
3) Total cost of CSO abatement to date	\$	<b>4,604,362</b>
4) Percent complete by cost, (%)	%	<b>115</b>
5) Cumulative SRF loans for CSO abatement (see instructions for more detail)	\$	<b>3,350,000</b>
6) Total cost of CSO projects in reporting year (see instructions for more detail)	\$	<b>21,629</b>
7) Anticipated budget for CSO projects next year	\$	<b>72,500</b>
8) Sewer O&M budget in reporting year	\$	<b>306,412</b>
9) Anticipated sewer O&M budget for next year	\$	<b>444,645</b>
10) Estimated CSO needs for next five years (include cost in no.7)	\$	<b>250,000</b>

E. Private inflow sources:

1) Has a house to house survey been done on a sewershed or system-wide basis?		(Yes, No) <span style="border: 1px solid red; padding: 2px;">No</span>
2) If yes, when?		
3) If no, is one planned?		(Yes, No) <span style="border: 1px solid red; padding: 2px;">No</span>
4) If no, when? (For additional space, use the text box in section 2-K)		
5) Number of roof leaders removed to date		
6) Number of roof leaders removed in reporting year		
7) Number of known roof leaders remaining in system		
8) Number of basement sump pumps removed to date		
9) Number of basement sump pumps removed in reporting year		
10) Number of known sump pumps remaining in system		
11) Number of known foundation drains to system		
12) Do you charge a surcharge for private sources?		(Yes, No) <span style="border: 1px solid red; padding: 2px;">No</span>
13) If yes, how much and what unit?	\$ <span style="border: 1px solid black; display: inline-block; width: 150px; height: 15px;"></span>	

(Each, Per 100 c.f.)

## ANNUAL CSO PROGRESS REPORT FOR 2016

F. Other inflow sources

- |  |   |
|--|---|
| 1) Number of catch basins removed this year                  |   |
| 2) Number of catch basins remaining in system                |   |
| 3) Are you aware of any wetlands/bogs draining to sewer?     | (Yes, No) <span style="border: 2px solid red; padding: 2px;"><b>No</b></span> |
| 4) Are you aware of any streams intercepted by sewer?        | (Yes, No) <span style="border: 2px solid red; padding: 2px;"><b>No</b></span> |
| 5) If yes to 3 or 4, what plans are there to deal with them? |   |

G. Results of any specific flow monitoring to determine effectiveness of previous CSO abatement projects. Compare actual CSO abatement with projections made during the CSO Master Plan.

H. Yearly precipitation, CSO events, volumes, or block test data.  
(Enter data on Excel spreadsheet: CSO Activity & Volumes.xlsx)

I. Work done on the Nine Minimum Controls during the year.

- 1) Results of operation and maintenance (O&M) program for the sewer system and combined sewer system overflows during the year.

a. Who is responsible for combined sewer system O&M?

Name	<b>Sean Currier</b>	Tel. No.	<b>207-862-3337</b>
Title	<b>Director of Public Works</b>		
Dept.	<b>Public Works</b>		
Size Staff	<b>13</b>		

b. Inspection schedules

Number of CSO regulators	<b>0</b>	Inspection interval	
Number of tide gates	<b>0</b>	Inspection interval	
Number of pump stations	<b>8</b>	Inspection interval	<b>3/week</b>
Number of CSO outfalls	<b>1</b>	Inspection interval	<b>As Needed</b>

# ANNUAL CSO PROGRESS REPORT FOR 2016

c.

Document the following activities that were performed and include the tons or cubic yards of debris removed last year from catch basins and sewers.

## Catch Basin Cleaning

Total # of Basins

# of Basins Cleaned

Last Year

Last Year

**417**

**0**

Debris Removed

**0 Cu. Yds.**

(Please attach cleaning schedule if available)

(Tons, Cu. Yds.)

## Sewer Cleaning

Total Combined

Footage Cleaned

Sewer

Last Year

lin. ft.

**19,900** lin. ft.

Debris Removed

**0 Cu. Yds.**

(Please attach cleaning schedule if available)

(Tons, Cu. Yds.)

## Pump Station Cleaning

Cleaning Frequency

Inspection Frequency

**Semi-Annually**

**3/week**

## TV Work

Sewer & Storm Footage Televised

TV Frequency

lin. ft.

**As Needed**

## Smoke Testing

Sewer & Storm Footage Tested

Dates of Smoke Testing

lin. ft.

(mm/dd/yy)

## Infiltration/Inflow Study

I/I Study Was Performed On

Linear Feet Of Sewer

## ANNUAL CSO PROGRESS REPORT FOR 2016

### 2) Maximum Use of the Collection System for Storage

*Maximum use of the collection system for storage means making relatively simple modifications to the combined sewer system to enable the system itself to store wet weather flows until downstream sewers and treatment facilities can handle them. The municipality should evaluate more complex modifications as part of the long-term control plan.*

- a. List any regulators or weirs that were adjusted last year to optimize settings for maximum storage. (list individually)

1.	
2.	
3.	
4.	

- b. Document attempts last year to retard inflows to the system by use of special gratings or flow control type devices.

Number of Special Storm Drain Gratings Installed

Comments:

Number of Flow Control Type Devices Installed

Comments:

- c. Describe any tide gate maintenance and repair to eliminate tidal intrusions. (list individually)

	<u>Tide Gate</u>	<u>Maintenance/Repair</u>
1.		
2.		
3.		

Attach a schedule for implementation of any minor construction associated with maximizing the collection system for storage.

## ANNUAL CSO PROGRESS REPORT FOR 2016

3) Review any Modification of the Industrial Pretreatment Program to Assure that CSO Impacts Are Minimized

*The municipality should determine whether nondomestic sources are contributing to CSO impact and, if so, investigate ways to control them. The objective of this control is to minimize the impacts of discharges into combined sewer systems from significant nondomestic sources (i.e., industrial and commercial sources during wet weather events, and to minimize CSO occurrences by modifying inspection, reporting, and oversight procedures within the approved pretreatment program.*

**Fill in this section only if you have nondomestic source of wastewater.**

Do you have an industry that significantly impacts a CSO? (Yes, No) **No**

What measures or modifications were taken last year to insure that nondomestic sources are not contributing to CSO impacts. (Examples of measures: Inventory of nondomestic discharges to the combined sewer, assessment of nondomestic discharges on CSOs, evaluation of feasible modifications)

4) Maximization of Flow to the POTW for Treatment

*Maximizing flow to the POTW entails simple modifications to the combined sewer system and treatment plant to enable as much wet weather flow as possible to reach the treatment plant. The objective of this minimum control is to reduce the magnitude, frequency, and duration of CSOs that flow untreated into receiving waters.*

a. List any change completed or planned last year to maximize flow to the POTW. (list individually)

PLANNED PHYSICAL CHANGE	ESTIMATED COST (\$)	ESTIMATED COMPLETION DATE (MM/DD/YY)	ESTIMATED YEARLY DECREASE IN EVENTS	ESTIMATED YEARLY DECREASE IN VOLUME (MG)

# ANNUAL CSO PROGRESS REPORT FOR 2016

## 5) Prohibition of CSO Discharges During Dry Weather

*This control includes all measures taken to ensure that the combined sewer system does not overflow during dry weather flow conditions. Dry weather overflow control measures include improved O&M as well as physical changes to regulator and overflow devices.*

- a. Did you have a dry weather CSO discharge during the last year? (Yes, No)  No  
If yes, explain (list individually). Do not report Sanitary Sewer Overflows (SSOs) below.

1.	
2.	
3.	
4.	
5.	

## 6) Control of Solid and Floatable Material in CSO Discharges

*The intent of this control is to document that low cost control measures have been implemented which reduce solids and floatables discharged from CSOs to the maximum extent practicable.*

- a. List any of the following control measures that were implemented last year to reduce solids and floatables discharged from CSOs. If control measures were implemented, list their Success.

Baffles in Regulators or Overflow Structures:

Number of Baffles Installed:

Success:   
(Good, Fair, Poor)

Trash Racks in CSO Discharge Structures:

Number of Trash Racks Installed:

Success:   
(Good, Fair, Poor)

Catch Basin Modifications:

Number of Modifications:

Success:   
(Good, Fair, Poor)

# ANNUAL CSO PROGRESS REPORT FOR 2016

End of Pipe Nets:

Number of Nets Installed:

Success:   
(Good, Fair, Poor)

Litter Controls:

Litter Control: (Yes, No)

(Good, Fair, Poor)

Other Controls:

Type of Control

Success:   
(Good, Fair, Poor)

- b. The estimated amount of solids and floatables removed last year by implementing the above control measures.

(Tons, Cu. Yds.)

(Attach any schedules and associated costs for implementation of this control.)

## 7) Pollution Prevention Programs That Focus on Contaminant Reduction Activities

*The seventh minimum control, pollution prevention, is intended to keep contaminants from entering the combined sewer system and thus receiving water via CSOs.*

- a. Document any of the following efforts last year to implement this control.

Public education or increased awareness programs that encourage water conservation and could decrease dry weather sanitary flow to the POTW and increase the volume of wet weather flows that can be treated at the POTW.

**MS4 permit compliance and BASWG (Bangor Area Stormwater Group) membership - minimum control measures 1 (Public Education and Outreach), 2 (Public Involvement), and 6 (Pollution Prevention / Good Housekeeping) include annual community activities such as street/stream cleanups and catch basin stenciling. More detail on these efforts can be found in Town of Hamden MS4 annual report (available on request) and on the BASWG website**

Strategic placement of garbage receptacles, more efficient garbage collection.

**The Town maintains garbage receptacles at all cemeteries, the Marina and all Parks.**

## ANNUAL CSO PROGRESS REPORT FOR 2016

Street sweeping efforts with estimate of material removed (tons/yr, cy/yr).

**The Town of Hampden hires a contractor to sweep specific streets in the Urban area to minimize any sediment from entering the storm drain system. The contractor selected, usually takes one week to complete the area specified. In the past, the DPW has swept Town and some State roads. Due to MS4 compliance, beneficial reuse guidance, etc. the Town is now sweeping only Town maintained roads. We expect between 30-50 cubic yards of material**

Anti-litter campaigns; campaigns through public outreach and public service announcements employed to educate the public about effects of littering, over fertilizing, pouring used motor oil down catch basins, etc.

**Hampden is a member of the Bangor Area Stormwater Group. Outreach is part of our MS4 program requirement and is accomplished by multiple avenues including facebook, Town Newsletters, etc.**

Efforts to eliminate illegal dumping. Programs such as law enforcement and public education aimed at controlling illegal dumping of litter, tires, and other materials into water bodies or onto the ground.

**Hampden has a Solid Waste Flow Control Ordinance which governs municipal solid waste. Also, as previously mentioned, we are members of BASWG and public outreach and education are required for these items.**

b. Does the community have a hazardous waste collection program? (Yes, No)  No

If yes, how often is it collected?

If yes, how much hazardous waste is collected?

## ANNUAL CSO PROGRESS REPORT FOR 2016

- c. List the individual(s) responsible for your community's stormwater management program, their title and contact information.

**Stormwater Coordinator: Karen Cullen-Town Planner @ 862-4500. Stormwater Team: Sean Currier, Public Works Director @ 862-3337. Kyle Severence, GIS/IT @ 862-4500. Angus Jennings, Town Manager @ 862-3034. Myles Block, Code Enforcement @ 862-4500.**

- d. List and describe stormwater pollution prevention measures and BMPs (e.g., biofilters, bioswales, rain gardens) completed or planned for implementation. Attach any schedules and cost estimates associated with this control.

**To reduce pollutants in any stormwater runoff to the MS4 from construction activities that result in a land disturbance of greater than or equal to one acre within its urbanized area, the Town relies on the Maine General permit and Chapter 500. Also, the Town's post construction ordinance and non-stormwater discharge ordinance are used by the Hampden**

- 8) Public Notification to Ensure That the Public Receives Adequate Notification of CSO Occurrences and CSO Impacts

*The objective of this control is to ensure that the public receives adequate notification of CSO impacts on pertinent water use areas. Of particular concern are beach and recreational areas that are affected by pollutants discharged in CSOs.*

- a. Locations where signs are posted.

Are all CSO outfalls locations marked with a sign in accordance with your permit?

(Yes, No) **Yes**

List any other locations where CSO signs are posted (public beach, information center, town office, etc.).

**There is a sign at the Main Road (at the CSO facility) which is visible to pedestrians and vehic**

- b. List dates of CSO informational public hearings or meetings last year. (list individually)

1.	
3.	

2.	
4.	

## ANNUAL CSO PROGRESS REPORT FOR 2016

- c. List any other measures to inform the public that occurred last year (e.g. radio announcements, flyers, social media, dedicated webpage).

**Facebook and the Town website along with a BASWG Facebook page are used to inform the public of events occurring in Hampden.**

9) Monitoring to Effectively Characterize CSO Impacts and the Effectiveness of CSO Controls

*The ninth minimum control involves visual inspection and other simple methods to determine the occurrence and apparent impacts of CSOs. This minimum control is an initial characterization of the combined sewer system to collect and document information on overflow occurrences and known water quality problems and incidents, such as beach or shellfish bed closures, that reflect use impairments caused by CSOs. Changes in the occurrences of such incidents can provide a preliminary indication of the effectiveness of the Nine Minimum Controls.*

- a. Check off and fill in information on the following monitoring methods used in overflow structures: (list individually)

Flow Meters

Locations

1.	
2.	
3.	
4.	

Frequency Data Collected

After Rain Event


Blocks

Locations


Inspection Frequency


Chalklines

Locations


Inspection Frequency


Other monitoring methods?

## ANNUAL CSO PROGRESS REPORT FOR 2016

- b. Has a hydraulic/hydrologic model been developed? (Yes, No)
- Is the model used to report CSO discharge occurrences? (Yes, No)
- Has it been updated to reflect collection system asset changes: (Yes, No)
- If yes, when was the model last updated? (mm/dd/yy)

- c. CSO impacts to swimming beaches and shellfishing areas.

List any swimming beaches that may be impacted by your CSOs. (list individually)

1.
2.

Does your community or other entity test the water quality at beaches or near your CSOs?

(Yes, No)

Frequency?

If yes, list dates of test and results

Dates		Results
	( mm/dd/yy)	
	( mm/dd/yy)	
	( mm/dd/yy)	

- Any beach closing last year? (Yes, No)
- Were they caused, in whole or in part by CSOs? (Yes, No)

What are the procedures for notifying the public of beach closures?

List any shellfishing areas that may be impacted by your CSOs. (list individually)

	<u>Open</u>	<u>Conditionally Opened</u>	<u>Closed</u>
1.			
2.			
3.			
4.			

# ANNUAL CSO PROGRESS REPORT FOR 2016

Any shellfish areas closed last year?

(Yes, No)

If yes, list dates individually:

(mm/dd/yy)	

If yes, were the closures caused, in whole or in part by CSOs?

(Yes, No)

Please provide a map showing any swimming beaches or shellfish area that may be impacted by your CSOs.

Please provide results of any receiving water quality tests or CSO sampling tests done last year.

- J. List any sewer extensions and new commercial or industrial flows added during the year, along with any mitigating measures implemented to prevent these flows from contributing to CSO flows.

**Approximately 2600 LF of sewer main was accepted last year in our Business Park. This portion of flow does not flow to the one CSO in Hampden. This additional flow is delivered directly to Bangor through the interceptor. The sewer ordinance in Hampden has been revised to better control installation procedures and monitoring during construction which help reduce inflow and infiltration as well as giving the Town the ability to monitor any commercial or industrial flow with our sewer**

- K. Please add any other information on CSOs that you feel is important, but the form did not allow for.

**Catch Basins: Number of catch basins reported are different from last year due to our MS4 audit. Some basins were found to be MeDOT responsibility.**

**MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CSO ACTIVITY AND VOLUMES**

MUNICIPALITY OR DISTRICT NAME: TOWN OF HAMPDEN  
CONTACT PERSON: SEAN CURRIER

MEPDES / NPDES PERMIT NO. ME0102512  
REPORTING YEAR 2016  
TOTAL ANNUAL PRECIPITATION 34.35 INCHES

CSO DISCHARGE EVENT			DISCHARGE VOLUME (GALLONS) OR BLOCK ACTIVITY("1")			PRECIPITATION EVENT					COMMENTS
CSO EVENT NO.	CSO DISCHARGE START DATE	CSO DISCHARGE END DATE	LOCATION:	LOCATION:	DISCHARGE EVENT VOLUME (GALLONS)	EVENT RAINFALL TOTAL (INCHES)	MAXIMUM RAINFALL INTENSITY (INCHES/HR)	IS GROUND FROZEN? (YES OR NO)	EST. SNOW MELT (INCHES)	PRECIP. EVENT DURATION (HOURS)	
			CSO NO. 1	CSO NO.							
1	1.10.16	1.11.16	CSO #1		151,055	1.99	UNKNOWN	YES	UNKNOWN	UNKNOWN	WE ARE NOT POSITIVE A CSO EVENT OCCURRED BUT WE ARE TAKING THE CONSERVATIVE APPROACH. WE LOOKED AT THE GRAPHS AND FOR REPORTING PURPOSES, IT APPEARS THERE WAS AN EVENT. THE VOLUME WAS CALCULATED BASED ON A FORMULA GENERATED BY JAMES SEWALL COMPANY WHO DESIGNED THE ORIGINAL CSO SYSTEM. THE POTENTIAL OVERFLOW APPEARS TO HAVE OCCURRED FOR 235 MINUTES STARTING AT 10:00PM ON 1.10.16.
2											
3											
4											
5											
6											
7											
8											
9											
10											
TOTALS					151,055	151,055		2			

**Note 1: Discharge volume data should be reported in gallons. Discharge events lasting more than one day should show total volume discharged for each day.**

**Note 2: Block activity should be shown as a "1" if the block floated away.**



**TOWN OF HAMPDEN**  
**DEPARTMENT OF PUBLIC WORKS**

106 WESTERN AVE.  
HAMPDEN, ME 04444

TEL 862-3337

FAX 862-5067

April 20, 2016

**To: Gerry Travers  
Maine Dept. of Environmental Protection  
17 State House Station  
Augusta, Maine 04333-0017**

**Enclosed, please find the Town of Hampden's 2016 Annual Transfer Station Operating Report. The report is being submitted via email to satisfy our annual reporting requirement.**

**Since 1974, the Town of Hampden has operated a transfer station located at 355 Canaan Road at the Public Works Department facility. The facility has remained in its current format since a major reconstruction was conducted in 1984/85.**

**In Spring of 2008, substantial changes were made to the operation side of the transfer station. Prior to this date, the Station would accept house-hold trash, recyclables, bargain barn, refrigerants, brush, construction/demo debris, shingles and sheetrock, full time during open hours. Beginning in May 2008, the station would accept house-hold trash, recyclables and bargain barn every day the facility was open and refrigerants, brush, construction/demo debris shingles and sheetrock only on the 2<sup>nd</sup> and 4<sup>th</sup> weekend of the month. A \$15.00 fee for Refrigerants was also put into policy at that time.**

**The station is operated under the direction of the Public Works Department. There are two full time employees trained to work at the station. During the slower times, one person is on duty and on busier days, weekends, two workers are on duty. These same workers are rotated within the Public Works Department monthly. In 2016, during demo debris disposal weekends, an additional staff member was added for monitoring disposal at the station.**

**Admittance:** Access to the transfer station is controlled by an annual vehicle permit system. The cost in 2016 was \$10.00 per vehicle per year. The permits are sold at the Hampden Municipal Building, typically beginning in December for the following year. The transfer station is for residential use only. Commercial usage is not allowed.

**Facility Details:** The entire ground area at the station is covered with bituminous asphalt paving including the areas for demo/wood, brush and metals. The station is enclosed with a 6ft high chain link perimeter fence for security reasons. All items are scheduled and hauled out weekly with corresponding vendors.

We have 2 compactors (for msw) that are maintained by a fulltime mechanic under the direction of the Public Works Director. The third compactor (for zero sort recycle) is maintained by the owner (Casella).

The following vendors handle disposal for the Town of Hampden:

**PERC** – House-hold trash (trucked by Pine Tree/Casella)

**Casella** – Ashes, zero sort recycle

**DM&J Enterprises, Inc.** – Clean wood/brush, demo and construction debris, asphalt shingles and sheet rock

**American Iron & Metal (AIM)** – All metals

**Veolia Environmental Services** – Fluorescent lamps, ballasts, and lighting components (shipped by FedEx Ground)

**Uniwaste Services, LLC.** – Televisions, electronics and monitors (trucked by North Coast Services, LLC.)

**Ellery Fairbrother** – Freon removal in all refrigeration units

As of July 1, 2014, Hampden started a zero sort recycling program with a receptacle (compactor) located at the transfer station. The compactor and box are owned and maintained by Casella under the direction of the Public Works Director. The zero sort compactor will take magazines, newspapers, corrugated cardboard, plastic #1-#7, office paper and folders, paper cartons, metal cans, and glass bottles.

We recycle CRT TV's. Uniwaste Services LLC of Portsmouth, NH accepts our waste disposal with North Coast Services providing the trucking.

**In 2016, the Hampden transfer station accepted 192 units (refrigerators, air conditioners, etc) with Freon. The Freon was removed by Ellery Fairbrother to be sent back to the manufacturer for recycling.**

**We did not conduct or participate in a local household hazardous waste collection day partially due to Bangor not holding one in 2014, 2015 or 2016. For 2016, the residents received a handout specifying where most common hazardous products may be properly disposed of.**

**Our total annual budget expended on the Transfer Station in 2016 was \$372,031.06.**

**Attached, you will find a variety of information and backup of 2016 transfer station volumes and expenditures. Additional information can be viewed on the Town of Hampden website noted on the Annual Report.**

**In November of 2016, we started sending clean tree/brush debris back to DM&J Waste of Winterport. They send the material to Sappi for biomass. We have reported the volume sent to DM&J from November through December on our detailed report. The previously stockpiled tree/brush debris was chipped on site at Public Works and removed by JD Raymond. JD Raymond uses the material as bark mulch and also biomass. We are currently sending all tree/brush debris to DM&J until such time that markets make it more cost effective to find alternate closer recycle possibilities.**

**Also in November, our transfer station attendant, attended Core 1 training held at the Bangor MeDEP office.**

**I would be happy to answer any questions. You may reach me at 862-3337.**

**Sincerely,**

A handwritten signature in black ink, appearing to read "Sean Currier". The signature is fluid and cursive, with a large initial "S" and "C".

**Sean Currier, PWD**

**INSTRUCTIONS for completing the  
ANNUAL SOLID WASTE MANAGEMENT REPORT  
for Licensed Transfer Stations and Landfills**

Licensed transfer stations and landfills must complete and submit this reporting form to Maine DEP to meet the annual reporting requirement in accordance with 38 M.R.S. § 1310-N(6-D). Facilities may also use this form to meet the municipal solid waste management/recycling reporting requirement (38 M.R.S. §.2133(7)) of the municipalities served by the facility. The form is available on line at: [http://www.maine.gov/dep/waste/solidwaste/documents/comb\\_ann\\_rpprt.pdf](http://www.maine.gov/dep/waste/solidwaste/documents/comb_ann_rpprt.pdf). You can complete the form either on a computer or by hand. The completed form must be copied and mailed to the DEP.

**This form has 5 sections:**

**Section 1 - Summary of Waste Handling:** This section must be completed by all transfer stations and landfills.

**Section 2 – Municipal Solid Waste Program Information and Section 3 – Municipal Solid Waste Recycling Rate:** These sections must be completed by facilities that are also completing the annual solid waste management/ recycling reporting requirement on behalf of municipalities.

**Section 4 – Additional Reporting Requirements for Licensed Transfer Stations:** This section must be completed by all transfer stations.

**Section 5 – Additional Reporting Requirements for Licensed Landfills –** Landfills must complete the “Landfill Capacity Summary” table in this section, and attach information to address all other listed reporting requirements.

**General instructions for completing the form:**

**If you complete the tables 1 through 4 electronically, the amounts will be entered automatically into, and calculations completed in Section 3.** To use a computer to complete the form, save a copy of the form from the internet onto your computer (also download the free Adobe Acrobat Reader from <http://get.adobe.com/reader> if you don't already have it). **On your saved copy you can then place your cursor in or tab to, the space after each item to activate the fill-in field.** You can save, close and re-open the form so you do not need to complete it at one sitting. If you have questions on how to download and complete this form electronically, please call Sue Alderson at 207-287-2806 or [susan.a.alderson@maine.gov](mailto:susan.a.alderson@maine.gov).

**To ensure accurate and complete reporting, please be sure your facility manager is involved in preparing and/or reviewing this report.**

**All data should be for calendar year 2016** (January 1 - December 31). Report all data in tons unless otherwise indicated. If weight data is not available to you, please use Appendix A to convert volumes to tons. If you cannot report in tons, tell us the volume or number and the unit of measure, e.g., cubic yards, pieces.

After completing the form, please print and make enough copies to save one for your records and to submit the appropriate number to DEP (noted below).

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<sup>1</sup> Please refer to 38 M.R.S. ch. 24, § 2133(7) for the annual reporting requirement for municipalities, and 38 M.R.S. § 1310-N (6-D) for the annual reporting requirement for licensed solid waste facilities.

**INSTRUCTIONS for completing the  
ANNUAL SOLID WASTE MANAGEMENT REPORT  
for Licensed Transfer Stations and Landfills**

**Assistance with Report**

As you may be aware, the Bureau of Remediation and Waste Management has been realigned. As a result, some of the solid waste project managers have moved into the Division of Technical Services, and landfill projects have migrated into the Division of Technical Services. It will take some time to redistribute projects. Facilities with co-located landfills and other types of facilities (ex. transfer station / processing facility) will have more than one project manager. If you need assistance filing your report, and you know your current project manager(s), please contact that person(s). Otherwise you may contact Cyndi Darling or Sue Alderson for assistance.

Cyndi Darling - 207-941-4580 or [cyndi.w.darling@maine.gov](mailto:cyndi.w.darling@maine.gov)

Sue Alderson - 207-287-2806 or [susan.a.alderson@maine.gov](mailto:susan.a.alderson@maine.gov)

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**Submit your report and fee (if any) by April 30, 2017**

**Owners/operators of transfer stations, please submit two (2) copies, landfills submit four (4) copies, of your completed report to:**

Gerry Travers  
Maine Dept. of Environmental Protection  
17 State House Station  
Augusta, Maine 04333-0017

If you complete the form electronically, please email it to [geraldine.travers@maine.gov](mailto:geraldine.travers@maine.gov). **NOTE:** the electronic copy must also be signed. Please either print the form, sign it and email it or use the e-signature. If you mail attachment(s) separately, please identify which license number the attachment(s) go with so we can get them to the correct person.

**Please send your annual report fee payment (if applicable) with the payment stub from the invoice mailed to you to:**

Natural Resources Service Center  
155 State House Station  
Augusta, ME 04333

If you have questions on your annual report fee invoice or payment, please contact Gerry Travers at 207-287-7865 or [geraldine.travers@maine.gov](mailto:geraldine.travers@maine.gov).

**Appendix A – Conversion factors for the  
ANNUAL SOLID WASTE MANAGEMENT REPORT  
for Municipalities and DEP-licensed Transfer Stations and Landfills**

**FACTORS FOR CONVERTING VOLUME TO WEIGHT OF VARIOUS MATERIALS, TO BE USED FOR  
ESTIMATING MUNICIPAL SOLID WASTE TONNAGES**

*Use these numbers to calculate and report the tonnage of recycled material if actual weight data is not available.*

**NOTE: yellow highlighted items indicate a change in the conversion factor**

**PAPER**

Uncompacted office paper

1 cubic yard = 0.20 tons. Uncompacted

mixed paper

1 cubic yard = 0.15 tons

**CORRUGATED CARDBOARD (OCC)**

Uncompacted, flattened

1 cubic yard = 0.10 tons Baled - 1 cubic

yard = 0.5 tons

**METALS and CANS**

**Aluminum cans - whole:**

1 cubic yard = 0.025 tons

Aluminum cans – manually flattened:

1 cubic yard = 0.125 tons Ferrous cans -

whole

1 cubic yard = 0.075 tons

Ferrous cans - Flattened

1 cubic yard = 0.425 tons.

Scrap metal

1 cubic yard = 0.113 tons

Propane tank – 15 lbs.

**NEWSPAPER**

Loose (no strings or bags)

1 cubic yard = 0.30 tons

**GLASS**

**Loose (whole bottles)**

1 cubic yard = 0.25 tons

55 gallon drum = 0.088 tons

Semi-crushed (manually broken)

1 cubic yard = 0.50 tons

55 gallon drum = 0.15 tons

Crushed, maximum size, 1 1/2" (mechanically broken)

1 cubic yard = 0.90 tons

55 gallon drum = 0.275 tons

**MAJOR APPLIANCES:**

1 unit = 0.075 tons (average weight)

**PLASTIC**

**Mixed plastics - #3 - #7**

1 cubic yard = 0.016 tons

PETE/PET (#1) (whole, uncrushed)

1 cubic yard = 0.02 tons.

HDPE (#2) (whole, uncrushed)

1 cubic yard = 0.015 tons

LDPE (#4) – Plastic film

Baled 30"x42"x48" = 0.55 tons

**ORGANIC MATERIALS**

Leaves (uncomposted & *uncompacted*)

1 cubic yards = 0.075 tons

Leaves (uncomposted & *compacted*)

1 cubic yard = 0.225 tons

Leaves (uncomposted & *vacuumed*)

1 cubic yard = 0.175 tons

Leaves (*composted*)

1 cubic yard = 0.250 tons

Wood Chips

1 cubic yard = 0.313 tons

Grass Clippings

1 cubic yard = 0.20 tons

Trees & Brush

1 cubic yard = 0.15 tons

**Food Scraps (mixed)**

1 cubic yard = 0.6 tons

**OTHER MATERIALS**

Demolition Debris

1 cubic yard = 0.625 tons

Mattress

1 mattress = 0.0275 tons

Mixed Bulky Waste

1 cubic yard = 0.20 tons

Wood Pallets

1 pallet = 0.020 tons

Wood Waste

1 cubic yard = 0.175 tons

Mercury Lamps – Fluorescent

.1875 lbs. per linear foot

CFLs - .125 lbs. per unit

U Lamp = 2 linear feet

Circle Lamp = 2 linear feet

Passenger Car Tires

1 tire = about 20 lbs.

110 tires = 1 ton

Truck tires

1 tire = 120 lbs.

17 tires = 1 ton

**ANNUAL SOLID WASTE MANAGEMENT REPORT for  
Licensed TRANSFER STATIONS AND LANDFILLS**

FACILITY NAME: \_\_\_\_\_

Report Year: \_\_\_\_\_

**DEP LICENSE NUMBER** \_\_\_\_\_

This report includes information on **MSW** handling and disposal for the following municipalities:

This report includes information on **RECYCLING** for the following municipalities:

CONTACT PERSON: \_\_\_\_\_

Title: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City/Town: \_\_\_\_\_

Zip Code: \_\_\_\_\_

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Facility web site address: \_\_\_\_\_

TRANSFER STATION or LANDFILL MANAGER: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City/Town: \_\_\_\_\_

Zip Code: \_\_\_\_\_

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

RECYCLING COORDINATOR (if different): \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City/Town: \_\_\_\_\_

Zip Code: \_\_\_\_\_

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

I have examined this report and to the best of my knowledge and believe, said report is true, correct and complete.

*Signature of person completing this form* \_\_\_\_\_

*Printed name of person completing this form*

**Please return two (2) copies of your completed form (4 copies for landfill reports) with the required annual report fee (if any) by April 30, 2017 to:**

Geraldine Travers  
Maine Dept. of Environmental Protection  
17 State House Station  
Augusta, Maine 04333-0017

**SECTION 1 SUMMARY OF WASTE HANDLING**

**A. Summary of waste disposed** – In this table, enter only waste materials sent for disposal to a landfill or municipal waste-to-energy incinerator. Include materials approved as alternative daily cover. If you receive a waste type from multiple states, enter the amount from each state on a separate line. ENTER AMOUNTS IN TONS (see instructions for conversion factors).

**TABLE 1 – WASTES SENT FOR DISPOSAL**

Waste Type		Origin by state or province	TONS shipped for disposal/ disposed of	Disposal facility name (Landfill or WTE incinerator)
<b>Transfer Station and Landfill Use</b>	MSW			
	Residue/trash from single stream			
	CDD (may include building materials, furniture & carpet, asphalt, wallboard, pipes, metal conduit, "OBW")			
	Clean CDD Wood			
	Leaf & yard waste			
	Land clearing debris			
	Burn pile ash and/or hot loads area ash			
	Catch basin grit & street sweepings			
	Other (list)			
	CDD processing residue			
<b>Landfill Use Only</b>	FEPR			
	MSW bypass			
	MSW incinerator ash			
	Coal, oil, & multi-fuel boiler ash			
	Municipal WWTP/POTW sludge			
	Industrial WWTP sludge			
	Oil-contaminated soil			
	Alternate daily cover -list material type:			
	Alternate daily cover -list material type:			
	Other (list)			

Comments:

Report for: \_\_\_\_\_

Year: \_\_\_\_\_

**B. Summary of waste recycled.** In this table, enter only those materials sent for recycling. Use the waste type that best describes the material stream. Leave blank or enter "0" for any waste types you do not ship. **Do not include data twice.** For example, if this municipality participates in a single stream program and receives a breakdown report from the receiving facility, please enter only the individual material (break down) amounts - don't also report the "single stream" amount total as this will be duplicative. Enter residue/trash amounts from the breakdown report into Table 1 [disposal]. **Do not enter** information on materials sent to composting, beneficial use or disposal.

**TABLE 2 – MATERIALS RECYCLED**

ENTER AMOUNTS IN TONS (see instructions for conversion factors).

	Waste Type	Origin by state or province	TONS shipped	Destination(s) (may list broker)
<b>TRADITIONAL MSW RECYCLABLES</b>	Single Stream /Zero-sort®/Single sort			
	Dual sort co-mingled containers			
	Dual sort co-mingled paper & OCC			
	Paper (office & mixed)			
	Corrugated cardboard (OCC)			
	Newspapers and magazines			
	Glass			
	Metals cans and aluminum foil			
	Plastics (Include #1 - #7, rigid plastics and plastic films)			
	Clothing/textiles			
	<b>TOTAL MSW RECYCLABLES:</b>			
<b>OTHER MSW RECYCLED</b>	Appliances & other scrap metal (include propane tanks and vehicle batteries)			
	Electronics			
	Mercury-added lamps			
	Mercury thermostats			
	Other mercury devices			
	Rechargeable batteries and cell phones			
	Tires			
		<b>TOTAL OTHER MSW RECYCLED:</b>		
<b>CDD RECYCLED</b>	Asphalt shingles			
	Sheetrock / Wallboard			
	Mattresses & Furniture			
	Carpet			
	Processed CDD & Landclearing debris used as fuel			
	Other (describe):			
		<b>TOTAL CDD/LANDCLEARING DEBRIS RECYCLED:</b>		
	Other (describe):			

Report for: \_\_\_\_\_

Year: \_\_\_\_\_

**C. Universal and other waste handling** - Note "Y" or "N" to indicate whether you accept each of the Universal Waste types listed, and record the consolidator or other destination (e.g., Veolia, TRC, Call2Recycle).

This facility accepts Universal Wastes from: (check all that apply)

- Households    
  Businesses    
  Municipal buildings/schools    
  N/A (Direct elsewhere)

If you do not accept Universal Wastes at your facility, where do you direct your residents and businesses to deliver these products? \_\_\_\_\_

Waste Type	Do you collect this waste type? (Y/N)	Consolidator(s) or other destination
Electronics		
Mercury-added lamps, including CFLs		
Mercury thermostats		
Other mercury devices		
Rechargeable batteries and cell phones		
Intact Ballasts		
Other:		
Other:		

**D. Waste Oil and Anti-Freeze Management:**

Check if not applicable

Gallons removed by licensed transporter	
Gallons burned on site	
Gallons burned off-site	

Name of transporter: \_\_\_\_\_

Frequency of Removal: \_\_\_\_\_

**E. Household Hazardous Waste Collection**

List municipalities that provide for Household Hazardous Waste collection:

\_\_\_\_\_  
Facility or hosting organization: \_\_\_\_\_

Frequency of collection: \_\_\_\_\_

**F. Reuse:**

Check if not applicable

Tons Reused: \_\_\_\_\_ Amount is:  actual -or-  estimated.

Please describe any reuse opportunities for 'items salvaged' that you provide through a 'Swap shop/bargain barn' or 'casual program'.

Report for: \_\_\_\_\_

Year: \_\_\_\_\_

**G. Summary of waste composted**

Check if not applicable

**NOTE: This section is for compost piles that do not have a separate license. If you have a separate composting license you must report using the appropriate form from this page:**

***<http://www.maine.gov/dep/waste/solidwaste/agrouitlres.html>***

List participating municipalities: \_\_\_\_\_

Compost site location: \_\_\_\_\_ Amounts are: actual -or- estimated.

**TABLE 3 – MATERIALS COMPOSTED**

Waste Type	Volume received (cubic yards)	Weight* received (tons)	Broker/End-Users
Vegetative (leaf & yard)			
Food Scraps			
Other Organics (describe):			
<b>Total composted</b>			

\*To calculate the weight of vegetative waste, multiply volume by 0.225. To calculate weight of food scraps, multiply volume by 0.6 (Note: this number is different from last year). Contact Sue Alderson ([susan.a.alderson@maine.gov](mailto:susan.a.alderson@maine.gov), 207-287-2806) for conversion factors for other waste types.

**H. Summary of wastes sent for processing, processed on site or beneficially used**  Check if not applicable

**TABLE 4 – MATERIALS PROCESSED and/or BENEFICIALLY USED**

ENTER AMOUNTS IN TONS (see instructions for conversion factors).

Waste Type	Origin by state or province	TONS Processed	TONS Beneficially used	Processing / Beneficial Use facility	Final use
CDD (unprocessed) (may include building materials, furniture & carpet, asphalt, wallboard, pipes, metal conduit, etc)					
Wood from CDD					
Land clearing debris					
Food scraps (sent to anaerobic digester)					
Oil-contaminated soil					
Glass (crushed) used as fill					
Street sweepings used as fill					
Other:					

Report for: \_\_\_\_\_

Year: \_\_\_\_\_

**SECTION 2 - MUNICIPAL SOLID WASTE PROGRAM INFORMATION**

**A. Pay As you Throw user fees**

List the municipalities in which residents pay for trash disposal through a “Pay as You Throw” program:

Municipality	Bag size	Residential Price per bag	Business Price per bag

**B. Municipal Solid Waste Collection Practices –**

1. List the names of haulers and the municipalities in which they collect municipal solid waste:

2. List the names of haulers and the municipalities in which they collect recyclables:

**C. Solid Waste and Recycling Ordinances/Requirements**

1. If you have additional solid waste and recycling ordinances please provide a web address for the ordinances or a brief description if not available on line.

Mandatory recycling ordinance

Plastic / single-use bag fee or ban

Polystyrene ban

Other:

<b>Calculate Your Municipal Solid Waste Recycling Rates</b>
<b>Recycling rate calculations for: (list municipalities)</b>
<b>Enter all amounts in TONS</b> – See instructions for conversion factors

Use the tables below to calculate your municipality’s (ties’) recycling and “diversion from disposal” rates for:

- MSW (exclusive of CDD),
- CDD & land-clearing debris, and
- combined MSW/CDD/land-clearing debris recycling rate.

The left-hand column describes the type of waste and how it is managed. In the center column enter the corresponding amounts for your town/facility, and perform calculations as shown in the right hand column.

<b>MSW disposal</b>	<b>Amount in tons</b>	<b>Factor / Calculation</b>
MSW landfilled or disposed of at waste-to-energy facilities (from Table 1)		“A”
<b>MSW Recycled and Composted</b>		
Traditional MSW recyclables - Paper, cardboard, plastics, metals, glass and textiles recycled (from Table 2)		“B”
Other MSW recycled - electronics, white goods and other metals, tires, vehicle batteries, mercury-added products (from Table 2)		“C”
MSW composted - includes leaf & yard waste, food scraps (from Table 3)		“D”
<b>Total of MSW recycled or composted</b>		<b>=B+C+D</b>
Food scraps sent to an anaerobic digester (from Table 4)		“E”
<b>Total MSW (exclusive of CDD)</b>		<b>=A+B+C+D+E</b>

<b>To calculate the MSW recycling rate (exclusive of CDD):</b>	
Step 1. $X = ((B+C+D)/(A+B+C+D+E))$ Also add “E” into the numerator if MSW sent to Exeter Agri-Energy	
Step 2. $Y = X + .05$ (for ‘bottle bill credit’)	
Step 3. $Y \times 100 =$ Municipal MSW Recycling Rate (i.e., percent MSW recycled)	
<b>MSW Recycling Rate</b>	%
If you send food scraps to an anaerobic digester other than Exeter Agri-Energy, calculate your MSW diversion from disposal by adding “E” into the numerator.	
<b>MSW Diversion from Disposal Rate</b>	%

<b>Municipal CDD and Land Clearing Debris Recycling Rate Calculations</b>		
<b>CDD and land-clearing debris disposal</b>	<b>Amount</b>	
Mixed CDD landfilled or disposed of at waste-to-energy facilities (from Table 1)		“F”
Land-clearing debris landfilled or disposed of at waste-to-energy facilities (from Table 1)		“G”
<b>Total CDD &amp; land-clearing debris disposed</b>		=F+G
<b>CDD Recycling</b>		
CDD & land-clearing debris recycled (from Table 2)		“H”
<b>Beneficial Use of CDD and land-clearing debris</b>		
Other beneficial use of processed CDD and land-clearing debris (from Table 4)		“I”
<b>Total CDD and land-clearing debris</b>		=F+G+H+I
<b>CDD &amp; land-clearing debris recycling rate</b>	%	$[(H)/(F+G+H)] \times 100 \%$
<b>CDD &amp; land-clearing debris ‘diversion from disposal’ rate</b>	%	$[(H+I)/(F+G+H+I)] \times 100 \%$
Total MSW, CDD & land-clearing debris		=A+B+C+D+E+F+G+H+I
Total MSW, CDD and land-clearing debris recycled (including wood waste used as fuel chips)		=B+C+D+H
Total MSW, CDD and land-clearing debris diverted from disposal		=B+C+D+H+I

<b>Combined MSW, CDD &amp; Land Clearing Debris Recycling Rate Calculation</b>	
<b>Combined MSW, CDD &amp; land-clearing debris recycling rate:</b> Step 1. $X = (B+C+D+H)/(A+B+C+D+E+F+G+H)$ Step 2. $Y = X + .05$ Step 3. $Y \times 100 =$ Overall <b>recycling rate</b> for MSW, CDD & land-clearing debris	<b>Recycling rate for MSW, CDD + LCD</b>
	%
<b>Combined MSW, CDD &amp; land-clearing debris ‘diversion from disposal’ rate:</b> Step 1. $X = (B+C+D+H+I)/(A+B+C+D+E+F+G+H+I)$ Step 2. $Y = X + .05$ Step 3. $Y \times 100 =$ Overall <b>diversion from disposal rate</b> for MSW, CDD & land-clearing debris	<b>Diversion from disposal rate for MSW, CDD + LCD</b>
	%

Report for: \_\_\_\_\_

Year: \_\_\_\_\_

**Section 4 - Additional Reporting Requirements for Licensed Transfer Stations**

Pursuant to 38 M.R.S. §1310-N(6-D), an annual report and fee shall be submitted by the transfer station operator to the Department for review and approval. The annual reporting requirements for transfer stations are as follows (as listed in Chapter 402 Section 5) of the *Solid Waste Management Regulations*:

**1. Provide a summary of factors which affected the operation, design, and/or environmental monitoring program.**

**2. Operations**

A. Submit copies of reports prepared in accordance with the transfer station or storage facility's Hazardous and Special Waste Handling and Exclusion Plan.

B. Report on deviations from approved operations manual and proposed changes in operations and/or operations manual.

Past Year Deviations

Proposed Changes

**3. Summary of staff training provided on operation or maintenance of the transfer station.**

**4. Summary of all spills, fires and/or accidents on-site.**

**Spills:**

**Fires:**

**Accidents:**

**5. Provide verification of 2 feet till soil between waste, and seasonal high water and bedrock if one or more base pads for storage of non-containerized waste is used. This verification must be provided for your annual report to be complete.**

Report for: \_\_\_\_\_

Year: \_\_\_\_\_

## 6. Design

If any aspect of design was changed, please submit as-built plans and a narrative on these changes (proposed design changes for current year may be described).

## 7. Monitoring (if facility has a monitoring plan).

Evaluation of past year's monitoring results, monitoring program and equipment; recommended changes may be submitted. Attach additional sheets or provide a separate attachment if additional space is needed.

Monitoring Results

Monitoring Program

Equipment

**8. Recommended Changes for transfer station** (if any). Attach additional sheets or provide a separate attachment if additional space is needed.

**9. Comments:** Please describe any recent improvements in your solid waste and recycling program. Include future plans or concerns for your program.

Report for: \_\_\_\_\_

Year: \_\_\_\_\_

## SECTION 5. Additional Reporting Requirements for Licensed Landfills

**Landfill Capacity Summary.** Enter capacity measurements in cubic yards.

Item	Amount	Unit
Landfill capacity used by daily cover – this year		
Landfill Capacity used by waste - this year		
Total landfill capacity used – this year		
Total landfill capacity used		
Constructed landfill capacity remaining		
Total licensed landfill capacity remaining, including to-be-constructed		

NOTE: If reporting in tons, please provide the latest ‘in place weight/volume’ calculation so that the remaining airspace in cubic yards may be determined.

**Pursuant to 38 M.R.S. § 1310-N (6-D) all licensed solid waste facilities must submit an annual report and fee to the Department for review and approval.**

**The annual reporting requirements for less than six acre CDD landfills are as follows [see Chapter 401 § 7(H) (21) of the *Solid Waste Management Regulations*]. (Annual reporting requirements for other landfills are listed after those for less than 6 acre CDD landfills.)**

(a) General. The annual report must include:

- (i) A summary of activity at the landfill during the past year. This shall include a narrative describing any factors, either at the landfill or elsewhere, that effected the operation, design or environmental monitoring program of the landfill.
- (ii) An evaluation of the landfill's operations to verify compliance with the approved operations manual, licenses, and regulatory requirements. This evaluation shall be performed either by qualified facility personnel or a qualified consultant.

(b) Operations. As part of the annual report, the following operational information is required.

- (i) An estimate of the capacity of the landfill used in the past year and an estimate of the landfill's remaining capacity.
- (ii) A description and estimate of the amount of cover material used in the past year.
- (iii) A description of changes in the operations manual during the past year.
- (iv) Proposed changes to the operations manual, or any aspect of the landfill's operations.
- (v) A summary of responses to spills, fire, accidents and unusual events that occurred at the landfill in the past year.
- (vi) Updated cell development plans for subsequent two year periods, as needed, highlighting any changes to the approved plan.
- (vii) Copies of reports prepared in accordance with the facility's Hazardous and Special Waste Handling and Exclusion Plan.
- (viii) A report on the results of the facility's inspection and monitoring programs.
- (ix) If applicable, documentation of system failures and repair measures.

- (c) Monitoring. The following monitoring information must be included in the annual report. All evaluations must be done in accordance with the landfill's approved surface water monitoring program.
  - (i) An evaluation of data gathered for each surface water monitoring point, if applicable, for the landfill, including a statistical analysis of the data where appropriate.
  - (ii) For facilities that have leachate collection, an evaluation of the quantity and quality of leachate generated by the landfill during the past year, if applicable, including a comparison of the past year's leachate monitoring results to previous years' results.

**The annual reporting requirements for landfills other than less than six acre CDD are as follows (as listed in Chapter 401, § 4(D) of the *Solid Waste Management Regulations*):**

- (1) General. The annual report must include:
  - (a) A summary of activity at the landfill during the past year. This shall include a narrative describing any factors, either at the landfill, or elsewhere, that affected the operation, design or monitoring programs of the landfill.
  - (b) An evaluation of the landfill's operations to verify compliance with the approved operations manual, licenses, and regulatory requirements. This evaluation shall be performed either by qualified facility personnel or a qualified consultant.
- (2) Operations. As part of the annual report, the following operational information is required.
  - (a) A summary of the type, quantity, and origin of waste received (*reference tables in Section 1*);
  - (b) Estimates of the capacity of the landfill used during the past year and of the landfill's remaining capacity (*reference tables in Section 1*);
  - (c) A description and estimate of the amount of cover material used in the past year (*reference tables in Section 1*);
  - (d) A summary of changes in the operations manual during the past year as submitted pursuant to section 4(A)(2);
  - (e) Proposed changes to the operations manual or other aspect of the landfill's operations;
  - (f) A summary of responses to spills, fires, accidents, and unusual events that occurred at the landfill in the past year;
  - (g) Updated cell development plans, highlighting any changes to the approved plans and including detailed plans for the subsequent two year period. Approved plans need to be updated whenever variabilities in waste disposal rates and other operational factors cause development to vary more than 6 months from projected timelines. Detailed plans must include a narrative and drawings that address: layout of the cells, projected grades, location and timing of intermediate and/or final cover, location and construction of cell access, any relevant aspects of leachate and stormwater management measures, any relevant aspects of erosion and sedimentation control measures, and other pertinent facility-specific features.
  - (h) Copies of reports prepared in accordance with the landfill's Hazardous and Special Waste Handling and Exclusion Plan;

Report for: \_\_\_\_\_

Year: \_\_\_\_\_

- (i) A report on the results from the inspections and testing required by section 4(C)(12), including a report stating the date and findings associated with the annual inspection and cleaning, if necessary, of the leachate collection, detection, and transport systems; and
  - (j) A description of system failures and documentation of repair measures to those systems.
- (3) Facility Site Changes. The annual report must document minor changes to the facility site not requiring departmental approval that have occurred during the reporting year. Also, minor aspects of the facility site proposed to be changed in the current year may be described in the annual report. Changes handled in this manner are those that do not require licensing under minor revision or amendment provisions of Chapter 400.
- (4) Monitoring. The following monitoring information must be included in the annual report. If any of this information is submitted with the facility's periodic monitoring reports, only a summary of that information is required in the annual report. Evaluations must be done in accordance with all approved monitoring plans for the landfill.
- (a) An evaluation of data gathered for each surface water and ground water monitoring point for the landfill, including a statistical analysis of the data where appropriate.
  - (b) An evaluation of the quantity and quality of leachate generated by the landfill during the past year, including a comparison of the past year's leachate monitoring results to previous years' results.
  - (c) An evaluation of the quantity and quality of liquid found in the leak detection and removal system during the past year, including a comparison of the past year's results to the previous years' results.
  - (d) An evaluation of the gas monitoring results for the past year, including a comparison of the past year's results to the previous years' results.
  - (e) An evaluation of the air monitoring results for the past year, including a comparison of the past year's results to the previous years' results.
  - (f) An evaluation of the condition of each monitoring well.
  - (g) Any changes to any aspect of the approved monitoring programs proposed in response to the changes in operation or design of the landfill, or environmental effects attributable to the landfill or its ancillary structures.
  - (h) An evaluation of the stability and settlement monitoring data collected at each monitoring point.
- (5) Financial Assurance. The landfill owner or operator must submit an annual update on cost and documentation of any changes made to the financial assurance instrument in accordance with Chapter 400, section 11.

## HAMPDEN DEMO SCHEDULE 2015-2016

JULY 2015	10 <sup>TH</sup> -12 <sup>TH</sup>	24 <sup>TH</sup> -26 <sup>TH</sup>
AUGUST 2015	7 <sup>TH</sup> -9 <sup>TH</sup>	21 <sup>st</sup> -23 <sup>rd</sup>
SEPTEMBER 2015	11 <sup>TH</sup> -13 <sup>TH</sup>	25 <sup>TH</sup> -27 <sup>TH</sup>
OCTOBER 2015	9 <sup>TH</sup> -11 <sup>TH</sup>	23 <sup>rd</sup> -25 <sup>TH</sup>
NOVEMBER 2015	13 <sup>TH</sup> -15 <sup>TH</sup>	28 <sup>th</sup> -29 <sup>th</sup>
DECEMBER 2015	11 <sup>TH</sup> -13 <sup>TH</sup>	26 <sup>TH</sup> -27 <sup>TH</sup>
JANUARY 2016	8 <sup>TH</sup> -10 <sup>TH</sup>	22 <sup>nd</sup> -24 <sup>th</sup>
FEBRUARY 2016	12 <sup>TH</sup> -14 <sup>TH</sup>	26 <sup>th</sup> -28 <sup>th</sup>
MARCH 2016	11 <sup>TH</sup> -13 <sup>TH</sup>	25 <sup>TH</sup> -27 <sup>TH</sup>
APRIL 2016	8 <sup>TH</sup> -10 <sup>TH</sup>	22 <sup>nd</sup> -24 <sup>TH</sup>
MAY 2016	13 <sup>TH</sup> -15 <sup>TH</sup>	27 <sup>nd</sup> -29 <sup>th</sup>
JUNE 2016	10 <sup>TH</sup> -12 <sup>TH</sup>	24 <sup>TH</sup> -26 <sup>TH</sup>

## HAMPDEN TRANSFER STATION DEMO WEEKEND SCHEDULE 2016-2017

JULY 2016	8 <sup>TH</sup> -10 <sup>TH</sup>		22 <sup>ND</sup> -24 <sup>TH</sup>
AUGUST 2016	12 <sup>TH</sup> -14 <sup>TH</sup>		26 <sup>TH</sup> -28 <sup>TH</sup>
SEPTEMBER 2016	9 <sup>TH</sup> -11 <sup>TH</sup>		23 <sup>RD</sup> -25 <sup>TH</sup>
OCTOBER 2016	14 <sup>TH</sup> -16 <sup>TH</sup>		28 <sup>TH</sup> -30 <sup>TH</sup>
NOVEMBER 2016	12 <sup>TH</sup> -13 <sup>TH</sup>	<b>CLOSED 11<sup>th</sup> &amp; 25<sup>th</sup></b> (VETERANS & THANKSGIVING)	26 <sup>TH</sup> -27 <sup>TH</sup>
DECEMBER 2016	9 <sup>TH</sup> -11 <sup>TH</sup>	<b>CLOSED 25<sup>TH</sup></b> (CHRISTMAS DAY)	23 <sup>RD</sup> -24 <sup>TH</sup>
JANUARY 2017	13 <sup>TH</sup> -15 <sup>TH</sup>		27 <sup>TH</sup> -29 <sup>TH</sup>
FEBRUARY	10 <sup>TH</sup> -12 <sup>TH</sup>		24 <sup>TH</sup> -26 <sup>TH</sup>
MARCH 2017	10 <sup>TH</sup> -12 <sup>TH</sup>		24 <sup>TH</sup> -26 <sup>TH</sup>
APRIL 2017	14 <sup>TH</sup> -15 <sup>TH</sup>	<b>CLOSED 16<sup>TH</sup></b> (EASTER SUNDAY)	28 <sup>TH</sup> -30 <sup>TH</sup>
MAY 2017	12 <sup>TH</sup> -14 <sup>TH</sup>		26 <sup>TH</sup> -28 <sup>TH</sup>
JUNE 2017	9 <sup>TH</sup> -11 <sup>TH</sup>		23 <sup>RD</sup> -25 <sup>TH</sup>



Town of Hampden  
106 Western Avenue  
Hampden, ME 04444

## **PLEASE TAKE NOTE, THIS WILL IMPACT HOW YOU RECYCLE!**

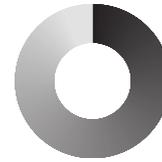
**Who:** any Hampden resident who brings recycling to the Transfer Station.

**What:** we are simplifying the recycling process and expanding what can be recycled with Casella's Zero-Sort recycling program.

**When:** starting July 1st, 2014.

**Why:** to make it easier for you to recycle, expand what can go in the recycling, and last but not least, save money.

**How:** just mix all your recycling together and bring it to the transfer station like you always have, only now it all goes in one bin!



**ZERO-SORT<sup>®</sup>**  
**RECYCLING**  
a casella service

# HAMPDEN RESIDENTS RECYCLING JUST GOT EASY!

## NO MORE SORTING, ALL TOGETHER NOW!

With our new Zero-Sort® Recycling program you simply toss all of your cardboard, paper, plastic, glass and cans together.

You can even throw them in a large CLEAR bag to make it even easier.

Casella takes care of the rest!



### ACCEPTABLE:

#### CARDBOARD

Cereal Boxes, Pizza Boxes, Paper Towel Cores, Egg Cartons, Beverage Holders

#### PAPER

Newspapers, Junk Mail, Envelopes, Magazines, Soft Cover Books, Brown Bags

#### PLASTIC

Containers #1 - #7 (Milk Jugs, Bleach, Detergent, Shampoo Bottles, Etc.)

#### GLASS

Bottles and Containers (Any Color)

#### METAL

Aluminum, Tin, Steel Kitchen Cans, Aluminum Pie Plates/Trays/Foil

### NOT ACCEPTABLE:



Window Glass, Mirrors  
Light Bulbs



Dishes, Pyrex, Ceramics



Foam Packaging, Styrofoam



Pots and Pans, VCR Tapes,  
Tools, Plastic Bags



Recyclables containing Food  
Waste, Paint or Oils



Electronics and Universal  
Waste

Many of these items are still accepted at the Transfer Station, just not in the Zero-Sort stream.

Questions: visit [hampdenmaine.gov](http://hampdenmaine.gov) or call Public Works 862-3337.  
Additional information can also be found at [zerosort.com](http://zerosort.com)

# IT'S A SINGLE BIN

Zero-Sort® makes the most of your recycling by turning the things you don't want into the things you do.



Learn more about how we're giving resources new life at [zerosort.com](http://zerosort.com)



25 Greens Hill Lane, Rutland, VT 05701

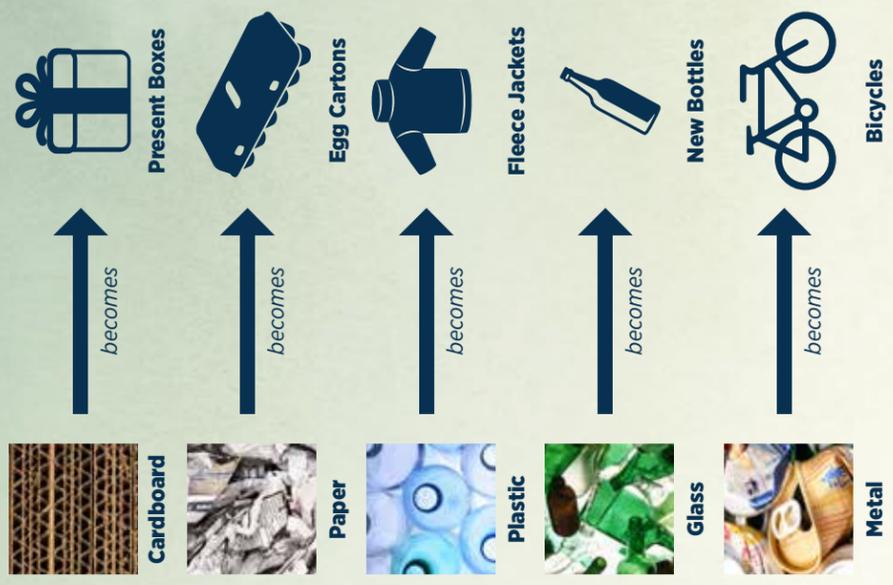
Learn more at [casella.com](http://casella.com) and [fb.com/ZeroSort](https://www.facebook.com/ZeroSort)

**INCLUDED INSIDE**

**3 EDUCATIONAL POSTERS**

DISPLAY THE ONE THAT WORKS BEST FOR YOU!

**GIVING RESOURCES NEW LIFE®**  
Zero-Sort® is the single bin recycling service that puts more of your discarded materials back into the world and less of it into the landfill.



Watch the movie and learn more about the zero-sort recycling process at [zerosort.com](http://zerosort.com)



## ZERO-SORT: HOW RECYCLING GETS DONE

No sorting on your end makes recycling quick and easy! Just focus on tossing all recyclables into one bin and Casella takes care of the rest. Please **empty** and **rinse** all containers as well as **flatten** and **break down** cardboard boxes.

- Magazines and Phone Books** (catalogs and soft cover books)
- Newspaper** (inserts and brochures)
- File Folders and Office Paper** (all colors)
- Mail and Greeting Cards** (junk mail and envelopes)
- Corrugated Cardboard** (boxes, paper bags, and beverage holders)
- Paperboard Boxes** (cereal, pasta, and tissue)
- Paper Cartons** (milk, juice, and egg)
- Plastic Containers** (#1 - #7)
- Large Rigid Plastics** (5-gallon buckets and laundry baskets)
- Metal Cans** (aluminum, tin, and foil)
- Glass Bottles** (food and beverage)

### NOT ACCEPTED:

Plastic bags, window glass, mirrors, light bulbs, dishes, pyrex, ceramics, paper towels, facial tissue, styrofoam, recyclables containing food waste, paints, oils, hazardous material, needles, syringes, VCR tapes, CDs/DVDs, scrap metal, pots, or pans



### It Never Leaves Our Sight

Our state-of-the-art sorting facilities are located throughout the Northeast. From pickup to final processing, we make sure your recyclables take the shortest route from your bin back to the shelves.

No sorting on your end makes it easier to recycle. You just focus on filling the bin and we take care of the rest.



Learn more about how we're giving resources new life at [zerosort.com](http://zerosort.com)

# ZERO-SORT<sup>®</sup> RECYCLING

TOSS ALL RECYCLABLES INTO ONE BIN  
AND CASELLA DOES THE REST



## CARDBOARD

Boxboard, paperboard boxes, corrugated, and paper bags



## PAPER

Newspaper, junk mail, envelopes, magazines, soft cover books, file folders, any color paper, paper cartons such as milk, egg, and juice boxes



## PLASTIC

All containers #1-#7 including bottles, cups, jugs, and empty take-out containers



## GLASS

Bottles and containers (any color)



## METAL

Aluminum cans, pie plates, trays, foil, tin cans, and small steel containers

### Zero-Sort Does Not Accept:

Plastic bags, window glass, mirrors, light bulbs, dishes, pyrex, ceramics, paper towels, facial tissue, styrofoam, recyclables containing food waste, paints, oils, hazardous material, needles, syringes, VCR tapes, CDs/DVDs, scrap metal, pots, or pans



**ZERO-SORT<sup>®</sup>**  
RECYCLING  
a casella service

## ZERO-SORT: HOW RECYCLING GETS DONE

No sorting on your end makes recycling quick and easy! Just focus on tossing all recyclables into one bin and Casella takes care of the rest. Please **empty** and **rinse** all containers as well as **flatten** and **break down** cardboard boxes.



### CARDBOARD

Boxboard, corrugated cardboard, product and food packaging boxes such as cereal, pasta, pizza, and tissue, paperboard boxes, beverage holders, paper towel cores, toilet paper cores, and paper bags



### PAPER

Newspaper, junk mail, envelopes, magazines, soft cover books, file folders, any color paper, paper cartons such as milk, egg, and juice boxes



### GLASS

Food and beverage containers, and jars of any color



### PLASTIC

Containers, bottles and jugs #1-#7 (# located on the bottom of container) such as food, beverage, beauty, and cleaning products, detergents, dairy tubs such as yogurt and sour cream, plastic take-out containers, flower pots, and trays

**Large rigid plastic items such as:** 5-gallon buckets, sleds, soda crates, laundry baskets, plastic chairs, carts, and garbage cans



### METAL

Household and kitchen items such as aluminum cans (soda and pet food cans), pie plates, trays, foil, tin cans (food cans, coffee cans, and pet food cans), and small steel containers

### NOT ACCEPTED:

Plastic bags, window glass, mirrors, light bulbs, dishes, pyrex, ceramics, paper towels, facial tissue, styrofoam, recyclables containing food waste, paints, oils, hazardous material, needles, syringes, VCR tapes, CDs/DVDs, scrap metal, pots, or pans

## ZERO-SORT<sup>®</sup> RECYCLING FAQs

### What is Zero-Sort recycling?

Zero-Sort Recycling is Casella's state-of-the-art process which enables a paper, cardboard, plastic, glass, metal, and more to be collected together in one bin without the need to separate.

### How should I prepare my recyclables?

Recyclables should be rinsed clean of any food waste. Corrugated cardboard boxes should be broken down into smaller pieces. Lids and caps can remain on empty bottles. There is no need to tie newspaper or cardboard with twine.

### What type of metal can I put in my recycling bin?

Aluminum and tin cans are acceptable. Pots, pans, and scrap metal such as automotive parts, motors, and appliances are **NOT ALLOWED**.

### I saw someone throw all of my recycling into a truck without separating it. Was the recycling treated as waste?

No. We have numerous Zero-Sort operations that will separate the recycling in a state-of-the-art facility. The truck will deliver the recyclables to one of these facilities. Once separated, they are sold and recycled.

### What are large rigid plastics?

Items made of plastic which include 5-gallon buckets, sleds, soda crates, laundry baskets, plastic chairs, carts, and garbage cans.

### Can I put my recyclables in clear plastic bags?

No. Plastic bags are not accepted in the Zero-Sort Recycling program. Many grocery and retail stores offer plastic bag recycling.

Learn more about how we're giving resources new life at [zerosort.com](http://zerosort.com)



# YOUR Sure-Close<sup>inc.</sup> GUIDE

getting the most from your Sure-Close<sup>inc.</sup> foodscrap collection container

## MAXIMUM ODOR CONTROL

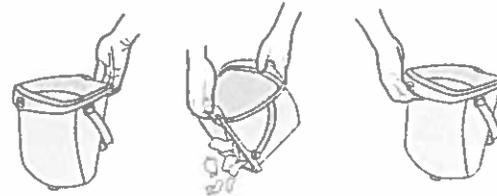
The Sure Close innovative lid design provides many advantages over other compost containers. The lid's small ventilation holes and interior airflow channels allow air to circulate through the container. Moisture evaporates out through the lid, which dries foodscraps and prevents odour-causing bacteria. Sure Close in-home compost container ensures :

- **Reduced odor**
- **No wet lid**
- **Reduced weight**



## EASY TO FILL, CARRY, EMPTY & CLEAN

- **Stays closed if accidentally dropped!**  
Strong, rugged closure.
- **Stay up lid**  
Lid stays open at 90° making it easier to fill.
- **Easy to grasp & open**  
Large clasp is easy to manipulate.
- **Many grips**  
The lid can be gripped on all sides and on bottom for emptying.



- **Removable lid**  
Removable lid and smooth upper edge makes bin easy to clean.
- **Odor & blemish resistant HDPE**  
Durable & recyclable.

Comments/Questions Please e-mail [Comments@Sure-Close.com](mailto:Comments@Sure-Close.com)

# Your new Sure-Close<sup>inc</sup> container features:



## Vented Lid

Allows moisture to evaporate reducing odour causing bacteria



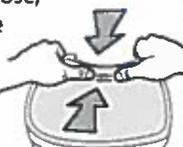
## Stay open lid

Lid stays open at 90° making it easier to fill



## Adjustable lid stops

To make lid easier or harder to open & close, adjust curve on back of container by bending in or out



## Removable lid

Pop off lid for easy cleaning



## Interlocking seal

Ensures foodscraps stay in if accidentally dropped



## Letterbox design

Angled opening and high backsplash makes it easier to scrape plates



## Wide opening

Easy to scrape food from large plates

## Bottom grip

Makes it easy to tip contents out



## Easy clean surfaces

Smooth surfaces and edges provide easy cleaning. Dishwasher safe - No heat dry

## Container feet

4 feet on the bottom allow airflow, and cleaner worksurface



## Latch closure



## Back grip

Easy to lift and carry

## Under lip grip

Easy to move your container around the kitchen

## Latch tuning

To loosen, push latch button towards body of the container and hold for 5 seconds

Comments/Questions Please e-mail [Comments@Sure-Close.com](mailto:Comments@Sure-Close.com)

company_name	item_type	total_count	total_weight
Hampden Public Works	Ballast, NON PCB	4	14
Hampden Public Works	Ballast, PCB	22	81
Hampden Public Works	CPU's and Laptops	40	1038
Hampden Public Works	Lead Acid Battery	1	17
Hampden Public Works	Lithium Ion Battery	0	? <del>1</del>
Hampden Public Works	Microwaves	15	1037
Hampden Public Works	Misc. Electronics, Circuit Boards, and Drives	34	2868
Hampden Public Works	Monitor Recycling	103	2825
Hampden Public Works	Printer Recycling	139	2286
Hampden Public Works	Television Recycling	1001	46659
<b>Hampden Public Works Count</b>			10

56,825 lbs  


---

28.41 Tons

**2016 End of Year Totals**





**Penobscot Energy  
Recovery Company**  
29 Industrial Way  
Orrington, Maine 04474

Esoco ORRINGTON, LLC. Plant Operator

February 27, 2017

Town of Hampden  
106 Western Ave.  
Hampden, ME 04444

Town of Hampden  
RECEIVED

FEB 27 2017

Office of the  
Town Manager

**2016 Recycling Credit**

Dear Municipal Official:

In 2016, PERC shipped a total of 7,143.00 tons of ferrous material to Kramer Scrap Division in Greenfield, MA to be recycled. This represents 2.3009% of the total waste processed by PERC In 2016.

**The information printed on this document is to be used for your Annual Solid Waste Report.**

Based on the 3,407.99 tons of MSW delivered by your municipality, your prorata share of the metal recycled by PERC is:

PERC PERCENT RECYCLED	MUNICIPALITY MSW DELIVERED	PRORATA SHARE
2.3009%	3,407.99	78.41

Very truly yours,

Penobscot Energy Recovery Co.  
By: ESOCO Orrington, LLC.  
Acting as Agent

Gary A. Stacey  
Plant Controller

## DM&J Waste

Located at 44 Transfer Station Road  
Winterport, ME

Transfer Station Tel: 207 223-4112  
Administrative Office Tel: 207 223-4112

Mailing Address for both  
companies is:  
219 Stream Road  
Winterport, ME 04496

## Ellsworth Waste Services

Located at 15 Industrial Road  
Ellsworth, ME

### MEMO

TO: Town of Hampden  
DATE: January 6, 2017  
SUBJECT: 2016 Year End Waste Totals  
FROM: DM&J Waste, Inc.

RECEIVED  
JAN 09 2017

BY:.....

We transported, disposed of, or recycled the following tons of material from you,

#### Town of Hampden

*2016 fiscal year*

Demolition Debris = 801.12 tons (133 loads)

Clean Wood = 37.08 tons (6 loads)

MSW = 8.66 tons (3 loads)

*July 1 2015 to June 30, 2016*

Demolition Debris = 811.56 tons (139 loads)

Clean Wood = 114.71 tons (21 loads)

MSW = 10.56 tons (3 loads)

801.12  
+ 8.66  
-----  
809.78

Thank you and we look forward to serving you in the coming year.

37.08 Tons DM&J to

1/9/2017

Town of Hampden Mail - Totals for trash/recycle/ash

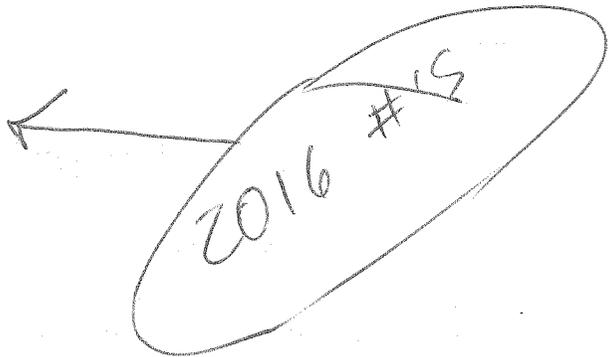
To: Rosemary Bezanson <adminasst@hampdenmaine.gov>

Good Afternoon,

Trash -- 1,888.83

Recycle -- 286.07

Ash -- 8.94



2016 #15

**From:** Rosemary Bezanson [mailto:adminasst@hampdenmaine.gov]

**Sent:** Friday, January 06, 2017 12:01 PM

**To:** Seth Cronkite <Seth.Cronkite@casella.com>

**Subject:** Re: Totals for trash/recycle/ash

[Quoted text hidden]

[Quoted text hidden]

**ELLERY FAIRBROTHER****2016 RECYCLING/DISPOSAL**

<b>DATE</b>	<b>PRODUCT RECYCLED</b>	<b>QUANTITY</b>	<b>NOTES</b>
1.27.16	REFRIGERATORS	9	
1.27.16	A/C UNITS	5	\$168.00
4.13.16	REFRIGERATORS	14	
4.13.16	A/C UNITS	7	\$252.00
6.1.16	REFRIGERATORS	15	
6.1.16	A/C UNITS	5	\$240.00
7.11.16	REFRIGERATORS	14	
7.11.16	A/C UNITS	8	\$264.00
8.29.16	REFRIGERATORS	11	
8.29.16	A/C UNITS	17	\$336.00
10.17.16	REFRIGERATORS	13	
10.17.16	A/C UNITS	30	\$516.00
11.15.16	REFRIGERATORS	7	
11.15.16	A/C UNITS	17	\$288.00
12.15.16	REFRIGERATORS	5	
12.15.16	A/C UNITS	15	\$240.00
	TOTAL 2016	192	\$2,304.00

RECEIVED DOC	DOCUMENT_LINE SKU	ITEM NUMBER
02/04/2016 K6957753	1 SUPPLY-065	1A50929B-6C03575D
02/04/2016 K6957762	1 SUPPLY-065	8Y50926Z-1A01819B
02/04/2016 K6961319	1 SUPPLY-065	2M50926N-9O03603P
02/04/2016 K6961321	1 SUPPLY-065	8E50925F-3G03584H
05/10/2016 K7911614	1 SUPPLY-126	4K50491L-2M08866N
05/10/2016 K7911614	2 SUPPLY-126	4K50491L-2M08866N
05/10/2016 K7911621	1 SUPPLY-126	7Q50434R-5S42189T
05/10/2016 K7911630	1 SUPPLY-065	3G50924H-2I03528J
05/10/2016 K7911631	1 SUPPLY-065	9O50923P-7Q01854R
05/10/2016 K7911632	1 SUPPLY-065	5S50929T-1U03557V
05/11/2016 K7923736	1 SUPPLY-065	4K50921L-2M01846N
09/19/2016 K9141906	1 SUPPLY-065	6C51155D-8E32415F
09/19/2016 K9141936	1 SUPPLY-126	9O50433P-7Q42374R
09/19/2016 K9141953	1 SUPPLY-065	5W51152X-8Y32466Z
09/19/2016 K9141956	1 SUPPLY-065	1U51157V-5W32262X
09/19/2016 K9141980	1 SUPPLY-065	9O51153P-7Q32444R
09/19/2016 K9142045	1 SUPPLY-065	3G51154H-2I32298J
11/08/2016 K9598674	1 SUPPLY-190	2I50788J-4K70251L
11/08/2016 K9598677	1 SUPPLY-190	6C50785D-8E70045F
11/08/2016 K9598736	1 SUPPLY-065	5S51159T-1U32327V
11/08/2016 K9598738	1 SUPPLY-065	9O50933P-7Q86324R
11/08/2016 K9598746	1 SUPPLY-065	1A51159B-6C32345D

	SIZE	QTY UOM	PRODUCT	VEOLIA FACILITY
074373	1	130.00000 LMP	LP-F04	MA
1791072614	1	125.00000 LMP	LP-F04	MA
1191791074403	1	100.00000 LMP	LP-F04	MA
691191791074380	1	100.00000 LMP	LP-F04	MA
691191787684890	1	120.00000 LMP	LP-FCMP01	MA
691191787684890	1	70.00000 LMP	LP-I	MA
691191787154416	1	30.00000 LMP	LP-FUT	MA
691191791074328	1	80.00000 LMP	LP-F04	MA
691191791072652	1	50.00000 LMP	LP-F04	MA
691191791074359	1	50.00000 LMP	LP-F04	MA
691191791072645	1	50.00000 LMP	LP-F04	MA
691191792865215	1	50.00000 LMP	LP-F04	MA
691191787154607	1	50.00000 LMP	LP-F04	MA
691191792865260	1	580.00000 LMP	LP-F04	MA
691191792865062	1	50.00000 LMP	LP-F04	MA
691191792865246	1	50.00000 LMP	LP-F04	MA
691191792865093	1	50.00000 LMP	LP-F04	MA
691191790079058	1	25.00000 LMP	LP-F08	MA
691191790078846	1	285.00000 LMP	LP-F08	MA
691191792865123	1	80.00000 LMP	LP-F04	MA
691191791257127	1	50.00000 LMP	LP-F04	MA
691191792865147	1	100.00000 LMP	LP-F04	MA

6 OK

$6980' = 4 \times 1745 \text{ EA } 4' - 130, 125, 100, 100, 80, 50, 50, 50, 50, 580, 50, 50, 50, 50, 80, 50, 100$

$6980 \times .1875 = 1308.75 \text{ lbs}$   
 FCMP01 - 120,  $120 \times .125 \text{ lbs} = 15 \text{ lbs}$

LP-I - ~~70~~ Incandescents don't count

FUT -  $30 \times 2 = 60'$   $60 \times .1875 = 11.25 \text{ lbs}$

$2480' = 8 \times 310 \text{ } 8' - 25, 285,$

$2480 \times .1875 = 465 \text{ lbs}$

$1308.75 + 15 + 465 \text{ lbs} = 1788.75 \text{ lbs} + 11.25 \text{ lbs} = 1800 \text{ lbs} \div 2000 = 0.9 \text{ TRS}$

Attn: Rosemary

LEDGER OF PURCHASES - Posted

Selected data: Period | Date: 01/01/2016 - 12/31/2016 | Account: 800085 | Site: 82 | Ekvk: Purchase | Intra included | Inter - Co. included | With freight | with accruals | With claims | with contract | with transport order | UM: lb | With cash

Group	Comm.	Commodity	Quantity	Price	UM	Cost	Value	ShipDate	Ticket no.	Account	Name	Doc. No.	Bus-ac t	Site	PC	Truck/Car no.	Contract	User	WIP	Chac
230	23009	TIN/LIGHT IRON	7,960.0	16.5347	MT	0.00	59.70	01/11/16	8209836	800085	Town of Hampde	7237	1	82	0	998		haskellj		820
230	23009	TIN/LIGHT IRON	10,480.0	16.5347	MT	0.00	78.60	01/26/16	8210188	800085	Town of Hampde	7468	1	82	0	998		haskellj		820
230	23009	TIN/LIGHT IRON	6,140.0	16.5347	MT	0.00	46.05	02/22/16	8210736	800085	Town of Hampde	7811	1	82	0	998		haskellj		820
230	23009	TIN/LIGHT IRON	5,460.0	27.5578	MT	0.00	68.25	03/11/16	8211217	800085	Town of Hampde	8149	1	82	0	T-0048 R/O		haskellj		820
230	23009	TIN/LIGHT IRON	6,420.0	27.5578	MT	0.00	80.25	03/29/16	8211729	800085	Town of Hampde	8466	1	82	0	T-0048 R/O		haskellj		820
230	23009	TIN/LIGHT IRON	8,140.0	55.1155	MT	0.00	203.50	04/13/16	8212296	800085	Town of Hampde	8888	1	82	0	T119-Kenwort		barronp		820
230	23009	TIN/LIGHT IRON	7,840.0	55.1155	MT	0.00	196.00	04/15/16	8212378	800085	Town of Hampde	8956	1	82	0	T-0048 R/O		barronp		820
230	23009	TIN/LIGHT IRON	5,920.0	55.1155	MT	0.00	148.00	04/25/16	8212862	800085	Town of Hampde	9382	1	82	0	T-0048 R/O		barronp		820
230	23009	TIN/LIGHT IRON	8,220.0	55.1155	MT	0.00	205.50	05/09/16	8213609	800085	Town of Hampde	9990	1	82	0	998		barronp		820
230	23009	TIN/LIGHT IRON	9,040.0	55.1155	MT	0.00	226.00	05/17/16	8214078	800085	Town of Hampde	10292	1	82	0	T-0048 R/O		barronp		820
230	23009	TIN/LIGHT IRON	6,240.0	55.1155	MT	99.17	156.00	05/20/16	8214307	800085	Town of Hampde	10450	1	82	0	T-0048 R/O		barronp		820
230	23009	TIN/LIGHT IRON	9,500.0	33.0693	MT	0.00	142.50	06/02/16	8214939	800085	Town of Hampde	11264	1	82	0	T-0048 R/O		barronp		820
230	23009	TIN/LIGHT IRON	8,020.0	33.0693	MT	90.67	120.30	06/14/16	8215528	800085	Town of Hampde	11264	1	82	0	T-0048 R/O		barronp		820
230	23009	TIN/LIGHT IRON	7,400.0	77.1617	MT	0.00	259.00	06/21/16	8215933	800085	Town of Hampde	11550	1	82	0	T-0048 R/O		barronp		820
230	23009	TIN/LIGHT IRON	6,680.0	77.1617	MT	0.00	233.80	06/28/16	8216261	800085	Town of Hampde	11793	1	82	0	998		barronp		820
230	23009	TIN/LIGHT IRON	8,640.0	77.1617	MT	0.00	302.40	07/11/16	8216895	800085	Town of Hampde	12335	1	82	0	T-0048 R/O		barronp		820
230	23009	TIN/LIGHT IRON	6,680.0	77.1617	MT	0.00	233.80	07/12/16	8216968	800085	Town of Hampde	12396	1	82	0	T-0048 R/O		barronp		820
230	23009	TIN/LIGHT IRON	7,380.0	77.1617	MT	0.00	258.30	07/26/16	8217585	800085	Town of Hampde	13468	1	82	0	RT-048		barronp		820
230	23009	TIN/LIGHT IRON	7,580.0	77.1617	MT	0.00	265.30	08/16/16	8218609	800085	Town of Hampde	13713	1	82	0	RT-048		barronp		820
230	23009	TIN/LIGHT IRON	5,920.0	88.1848	MT	0.00	236.80	08/29/16	8219257	800085	Town of Hampde	14250	1	82	0	RT-048		barronp		820
230	23009	TIN/LIGHT IRON	4,940.0	88.1848	MT	97.75	197.60	09/08/16	8219756	800085	Town of Hampde	14638	1	82	0	RT-048		barronp		820
230	23009	TIN/LIGHT IRON	8,040.0	88.1848	MT	107.67	321.60	09/13/16	8220031	800085	Town of Hampde	14882	1	82	0	RT-048		barronp		820
230	23009	TIN/LIGHT IRON	7,800.0	66.1386	MT	97.75	234.00	09/28/16	8220935	800085	Town of Hampde	16341	1	82	0	RT-048		barronp		820
230	23009	TIN/LIGHT IRON	7,640.0	66.1386	MT	134.58	279.20	10/17/16	8221807	800085	Town of Hampde	16398	1	82	0	RT-048		barronp		820
230	23009	TIN/LIGHT IRON	7,440.0	66.1386	MT	0.00	223.20	10/19/16	8221884	800085	Town of Hampde	16401	1	82	0	RT-048		barronp		820
230	23009	TIN/LIGHT IRON	8,160.0	66.1386	MT	97.75	244.80	10/20/16	8221944	800085	Town of Hampde	16474	1	82	0	RT-048		barronp		820
230	23009	TIN/LIGHT IRON	8,660.0	66.1386	MT	72.25	259.80	11/01/16	8222399	800085	Town of Hampde	16841	1	82	0	RT-048		barronp		820
230	23009	TIN/LIGHT IRON	9,080.0	77.1617	MT	94.92	317.80	11/11/16	8222867	800085	Town of Hampde	17323	1	82	0	RT-048		barronp		820
230	23009	TIN/LIGHT IRON	8,720.0	77.1617	MT	0.00	305.20	11/15/16	8223034	800085	Town of Hampde	17360	1	82	0	RT-048		barronp		820
230	23009	TIN/LIGHT IRON	8,580.0	77.1617	MT	94.92	300.30	11/28/16	8223550	800085	Town of Hampde	17738	1	82	0	RT-048		barronp		820
230	23009	TIN/LIGHT IRON	9,160.0	77.1617	MT	114.75	320.60	12/06/16	8223910	800085	Town of Hampde	18074	1	82	0	RT-048		barronp		820
230	23009	TIN/LIGHT IRON	10,820.0	77.1617	MT	93.50	378.70	12/20/16	8224429	800085	Town of Hampde	18554	1	82	0	RT-048		barronp		820
			248,700.0			1,195.67	6,852.85													

248,700 ÷ 2000 = 124.35 TONS

862-5067

p.1

2079476510

Aim Bangor

Mar 30 17 09:30a

**PUBLIC MEETING - PLEASE POST**  
**MUNICIPAL REVIEW COMMITTEE, INC. (MRC)**  
**BOARD OF DIRECTORS MEETING**  
Orono Municipal Building, 59 Main Street, Orono, Maine  
 April 26, 2017

*Town of Hampden*  
**RECEIVED**

APR 19 2017

*Office of the*  
**Town Manager**

*Notice: The MRC Finance Committee meets at 9 AM. Public is welcome to attend.*

**AGENDA**

1. 10:00 AM - Call to Order
2. Consideration of Minutes of January 25, 2017 Regular and February 21, 2017 Special Board of Directors Meetings
3. Finance Committee Report, including: Consideration of the Financial Statement and Bills payable as of April 20, 2017
4. Fiberight Progress to Financial Close – Steve Davey, Fiberight Chief Operating Officer
5. Consideration of Deferral of MRC's termination rights under Section 4.1.(d) of the Development Agreement with Fiberight until August 1, 2017.
6. Report on contingency planning and costs for bridge MSW transfer/transportation
7. Overview of pending decisions to exercise option to purchase project site and utility corridor, enter into an agreement of the Hampden Water District, enter into an MOU with the Town of Hampden, enter into the Phase II Construction Agreement with Sargent Corp and to fund associated project costs and to amend the Master Waste Supply and Site Lease Agreement including adjustments to the rebate structure and the reallocation of project reserve funds.

**NOTE:** Following the overview, staff will report on member feedback received to date and time will be provided to hear input from and to discuss the pending changes with member communities

8. Consideration of Exercise of the Option held with HO Bouchard, Inc to Purchase the Project Site Appropriation: \$260,000
9. Consideration of Exercise of the Option held with Maine Ground Developers, Inc to Purchase the Project Utility Corridor Appropriation: \$160,000
10. Consideration of Agreement with the Hampden Water District to develop infrastructure and reliability upgrades to serve the Fiberight Solid Waste processing and Recycling facility Appropriation: \$202,375
11. Consideration of an Memorandum of Agreement with the Town of Hampden to facilitate development public water infrastructure
12. Consideration of an Amendment to the Road/Utility Infrastructure Project to Include Phase II. Appropriation: \$2,914,362.42
13. Consideration of approval of funding for overhead electric utilities (up to \$160,000) and wetland disturbance In-Lieu-Fees (\$72,124) Appropriation: up to \$232,124

14. Consideration of approval of funding for MDOT Highway Opening Permit Escrow Account (10% of funding will be retained by MDOT upon successful project completion and 90% of funding will be returned to the MRC) Appropriation: \$243,500
15. Report on and preliminary consideration of Amendments to the Master Waste Supply and Site Lease Agreements with Fiberight to implement adjustments to the rebate structure, reallocation of project reserves and other items to reflect level of project commitment and scale all to facilitate project financial close and construction

**12:00PM Break (Lunch Provided)**

16. 2<sup>nd</sup> Quarter 2017 Tipping Fee Calculation
17. PERC Facility Operations Report – Hank Lang, PERC Plant Manager
18. Charter Municipality Asset Management Report – Custody Account, Tip Fee & Operating Budget Stabilization Funds, Consideration of Withdrawal from the Tip Fee Stabilization Fund for Second Quarter Cash Distribution, Tracking of PERC cash distributions to satisfy \$5,400,000 owed per the Settlement Agreement
19. Administrative Report – Waste Deliveries Trends, MRRA Conference, 2016 MRC Financial Audit, Flow Control, Legislative Session, Juniper Ridge Landfill Draft DEP expansion Approval, Departing Municipality Draft Withdrawal Agreement, Amendment to Residuals Disposal Agreement
20. Adjourn

**Members are welcome. Please call ahead 866-254-3507 or 664-1700 if you plan to attend thru the lunch break.**

## MEMORANDUM

TO: MRC Board of Directors  
FROM: Greg Louder, Executive Director, MRC  
George Aronson, Principal, CRMC  
RE: Funding of Joinder Agreement Reserve Funds  
DATE: 18 April 2017

---

Town of Hampden  
RECEIVED

APR 19 2017

Office of the  
Town Manager

As discussed at the last quarterly meeting, CRMC anticipates that the balance available in the accounts of Joining Members for reserve funds as of March 31, 2018, will be approximately \$12.5 million rather than in the range of \$20.83 million to \$23.33 million. The reduced expected balance reflects the exclusion of (a) \$5.0 million for site acquisition and development that would be paid in 2017; and (b) \$11.6 million that would be reserved for payment to Departing Municipalities in the second quarter of 2018.

The MRC had originally anticipated that Joining Members that are Charter Municipalities would commit to deliver at least 150,000 tons per year of MSW; that Departing Municipalities would be limited to less than 30,000 tons per year of MSW deliveries; and that \$4.17 million to \$4.67 million in cash would be paid out to the Departing Municipalities. Instead, the Joining Members that are Charter Municipalities ended up committing to deliver only 102,513 tons per year of MSW.<sup>1</sup> The result is a gap of up to \$1.267 million as compared to the value of up to \$13.767 million needed for the full amounts of the reserve funds listed in Exhibit B to the Joinder Agreements. The MRC Board will need to revisit the levels at which each reserve fund is set in order to address this gap.

The gap will also need to address the following two additional considerations:

- A potential need for up to \$1.0 million for a Community Development Fund to cover infrastructure improvements not included in the original budget of \$5.0 million for site acquisition and infrastructure development.
- A potential need to segregate the \$3.0 million identified in the Joinder Agreement for a delivery sufficiency reserve fund from other funds, perhaps through deposit in an escrow account held by the project lender and subject to a special account control agreement.

Under these circumstances, CRMC recommends that the Board consider the following revised allocation of reserve funds:

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<sup>1</sup> Charter Municipalities that are Joining Members (excluding Oakland, for which PERC did not collect separate data) delivered 106,200 tons of MSW to PERC in calendar year 2016.

	<i>Joinder Agreements, Exhibit B</i>	<i>Recommendation</i>
Site acquisition and infrastructure development	Up to \$ 5.000 M	\$5.000 M
Community development fund		Up to \$1.000 M
Building reserve fund	Up to \$ 7.000 M	\$4.360 M
Delivery sufficiency reserve fund	Initial amount of \$ 3.000 M	\$3.000 M
Closure reserve fund	\$ 1.167 M	\$0.000
Bridge Waste transportation reserve	Up to \$ 1.000 M	\$1.000 M
Target Value Reserve Fund, first 36 months after the Commercial Operation Date, distribute \$5/ton to Equity Charter JMs and \$3/ton to New Charter JMs Available for later distribution	\$ 1.600 M based on 98,500 tons/year for Equity Charter JMs and 8,800 tons per year for New Charter JMs  \$ 0.000	\$1.600 M   \$1.540 M
Subtotal	Up to \$18.767 M	\$17.500 M
<u>Expended in 2017</u>		
Site acquisition and infrastructure development	(\$5.000 M)	(\$5.000 M)
Community development		(\$1.000 M)
Reserve fund cash need	up to \$13.767 M	\$11.500 M
Projected cash available	\$12.500 M	\$11.500 M
Surplus (funding gap)	(Up to \$1.267 M)	None

The recommendation reflects the following changes:

- Set aside up to \$1.0 million for the Community Development Fund to be spent in 2017. This fund, which would support project needs, would be allocated among Joining Members only.
- Fund the building reserve fund at up to \$4.360 million, which is the amortized value of the building per Exhibit C of the Site Lease at the end of the Initial Term of the Site Lease, rather than at up to \$7.000 million, which is the building value at the start of the Initial Term.
- Eliminate funding of the closure reserve fund at \$1.167 million now that many closure issues have been resolved in the Settlement Agreement. Additional issues related to PERC closure that emerge in 2018 might be funded by offset as a cost of recovering the Debt Service Reserve Fund, which is allocated among all Equity Charter Municipalities, rather than from funds owned solely by Equity Charter Municipalities that are Joining Members.
- Designate remaining funds toward the Target Value Reserve Fund rather than have them remain unassigned.

## MEMORANDUM

TO: MRC Board of Directors  
FROM: Greg Louder, Executive Director  
Dan McKay, Esq., General Counsel  
George H. Aronson, Principal, MRC  
RE: Revisions to the Master Waste Supply Agreement and Site Lease  
DATE: 18 April 2017

---

Town of Hampden  
RECEIVED

APR 19 2017

Office of the  
Town Manager

With final permits in place, the MRC is now reviewing the Master Waste Supply Agreement and the Site Lease with Fiberight and its investors and lenders in advance of the closing of construction financing for the facility. The objectives of the review are to ensure that the agreements are consistent with changes in the facility as it has evolved since the agreements were originally drafted, and to continue to protect the positions of the Joining members, while negotiating revisions and amendments that satisfy specific conditions of the financing and keep basic business terms addressed by the agreements. In particular:

- The Master Waste Supply Agreement (the Agreement), which was originally signed by the MRC and Fiberight in January 2016, is being amended and restated for subsequent approval and execution.
- The form of the Site Lease, which had been fully negotiated and included as an appendix to the executed version of the Agreement (but was not executed, because the MRC had not at that time closed on the acquisition of the Hampden site that would be the subject of the Site Lease) is being amended for subsequent approval and execution.

The Joinder Agreements, which have been signed by the MRC and the Joining Members, are not being amended. They will continue to be honored in full force and effect without change. The MRC recognizes that the Joinder Agreements require that the MRC provide Joining Members notice of proposed amendments with an opportunity to be heard prior to any such amendments being executed. This memorandum is intended to alert Joining Members of that opportunity before amendments are final.

The remaining sections of this memorandum provide an updated status of the potential revisions to the Agreement and the Site Lease that are currently being discussed between the MRC and Fiberight and its investors and lenders. Note that the potential revisions are not yet final and some provisions have not been fully negotiated as of this writing. Note in particular that the MRC has not yet received detailed comments on the Agreement and the Site Lease from the project lenders. The purpose of the memorandum is to provide Joining Members with advance notice of provisions that might be changed in advance of finalization of the agreements. Joining Members will be provided an opportunity to be heard regarding changes at the MRC Board meeting scheduled for April 26, 2017.

None of the changes to the agreements would alter the allocation of reserve funds among Charter Municipalities or the distribution of reserve funds to Departing Municipalities.

Joining Members with particular interest in or concerns regarding specific provisions of the Master Waste Supply Agreement or the Site Lease, whether or not identified herein, are urged to contact MRC Executive Director Greg Louder directly in advance of the MRC Board meeting to ensure that their comments, interests and concern can be addressed at the meeting and through the negotiation process.

### Revisions to the Master Waste Supply Agreement

As indicated above, the Master Waste Supply Agreement (the Agreement) as executed in January 2016 is being amended and restated. Material changes to the Agreement being proposed include the following:

1. **Signatory and Assignment.** The amended and restated version of the Agreement will be signed by a new special purpose entity, Coastal Resources of Maine, LLC (Coastal), which will be the Company for the purposes of the Agreement. Coastal will be owned jointly by Fiberight and its investors. The Agreement will include a new Section 8.1 that will require Fiberight to remain jointly and severally liable for obligations under the Agreement, and that will further obligate Fiberight to provide intellectual property and technical support as required.
2. **The Delivery Commitment.** The Delivery Commitment is being revised to the value of 102,513 tons per year, which is the sum of the Estimated Delivery Amounts filled in in Section 3.3(a) of each Joinder Agreement that has been executed by the MRC and a Joining Member. The revision will be implemented at multiple locations in the Agreement. These revisions are needed, because the Amendment was drafted with references to the aspirational value for the Delivery Commitment of 150,000 tons per year, which value was not achieved.
3. **Definition of Commercial Operation Date.** The definition of Commercial Operation Date in the Agreement is being revised to refer to and conform with the definition in the Site Lease, which itself refers to the performance test that will determine when the date occurs.
4. **Definition of Force Majeure.** The list of items in the definition of Force Majeure is being expanded to include (a) events resulting from delivery of Unacceptable Waste having substantial costs not readily recoverable from insurance proceeds or from an identified negligent party; and (b) invalidation of a flow control ordinance adopted by a Joining Member. Specific language and limits are under review.
5. **Carve-out for local food waste and food scrap programs.** Per new language in Section 3.1(v), Joining Members are specifically allowed to implement such programs without the consent of the Company.
6. **Unacceptable Waste.** Section 4.3 is being revised to insert a standard of care for the Company to identify and remove Unacceptable Waste from material delivered to the Facility at the earliest possible point of acceptance and handling, and to allocate the costs for management and disposal and clean-up that might result from deliveries of Unacceptable Waste despite procedures to identify and remove it. Specific language is being negotiated.
7. **Remove process for amending the Tipping Fee.** Section 5.1 is being revised to delete language on MRC's obligation to facilitate Company presentations of proposed amendments to the Tipping Fee, which language was often received with confusion during the period when Joining Members were considering approval of Joinder Agreements.

8. Construction Date Schedule. The date by which the Company must achieve the Construction Date is being moved out to August 1, 2017. This affects both the termination rights in Section 10.1 and a related MRC obligation in Section 3.2.
9. Investor rights and benefits. The language in Section 12 on investor rights and benefits has not yet been reviewed by the lender's counsel and will likely need to be revised to reflect lending requirements.
10. Invalidation of flow control ordinances. A new Section 13.5 is being added to provide a response process for the unlikely contingency in which a flow control ordinance is challenged and then invalidated by a court.
11. Exhibit B. The description of the calculation of the Delivery Sufficient Payment is being revised to delete the references to deriving an upper limit based on data from the Closing Pro Forma, which derivation is inconsistent with the current pro forma and the approach to construction financing.
12. Exhibit F on Rebates. The Rebate Calculation is being revised to account for the changed economics of the current facility concept and the change in risk profile that results from having a Delivery Commitment of 102,513 tons per year as compared to the 150,000 tons per year that was contemplated in 2015. Among the changes are the following:
  - New formula and parameters. Rebates will still be paid quarterly on the basis of revenue received in the prior quarter, but the calculation formula is being changed. The new formula will involve three steps of rebate payments based on achieving three threshold levels of total revenues from tipping fees and material and product sales, with the rebate amount being five percent for all amounts above the first threshold; an additional ten percent of amounts above the second threshold; and an additional fifteen percent of amounts above the third threshold. The threshold levels are still under discussion. Note that the prior version of the calculation had based rebate payments on thirty percent of tipping fees above one threshold and thirty percent of material and product revenues above a second threshold. The new version of the formula has rebates begin at a somewhat lower level, then phase in until the marginal contribution of additional revenues under the new formula is the same as was the case under the old formula.
  - Rebate payment thresholds conditions. Payment of rebates is conditioned on satisfaction of certain "threshold conditions", including compliance with debt-related and equity investor-related covenants under applicable financing agreements; maintaining a minimum debt service coverage ratio; receiving tip fees in excess of an annual tip fee rebate threshold; Joinder Member payment of tipping fees payable; and MRC payment of amounts payable under the Master Waste Supply Agreement or Site Lease. In addition, payment of rebates is conditioned on satisfaction of a threshold condition on distribution of cash to the investors.
  - Bolt-on concept for revenue upgrade projects. A new concept has been added whereby the Company can get a preferential return on new capital investments in the facility ("Revenue Upgrade Projects") that might provide a substantial increase in material or product revenues. In exchange, the Company agrees to provide the MRC with rebates at the levels that would have

been achieved without the Revenue Upgrade Project until the Company has achieved a return of and on its capital investment. This provision provides the Company with an extra incentive to invest in upgrades to the facility that increase its revenues, while allowing the MRC and Joining Members to ultimately share in the resulting revenue improvements.

- Company ability to offset payables against rebate amounts and to propose changes in the rebate parameters. These provisions have generally the same effect as in the prior version, although language related to specific offsets has been moved to the body of the Agreement.

In addition to the Rebates, the new Exhibit F identifies and defines two new potential streams of payments that would flow to the accounts of Joining Members outside of the rebate calculation and independent of compliance with the rebate threshold conditions. These are:

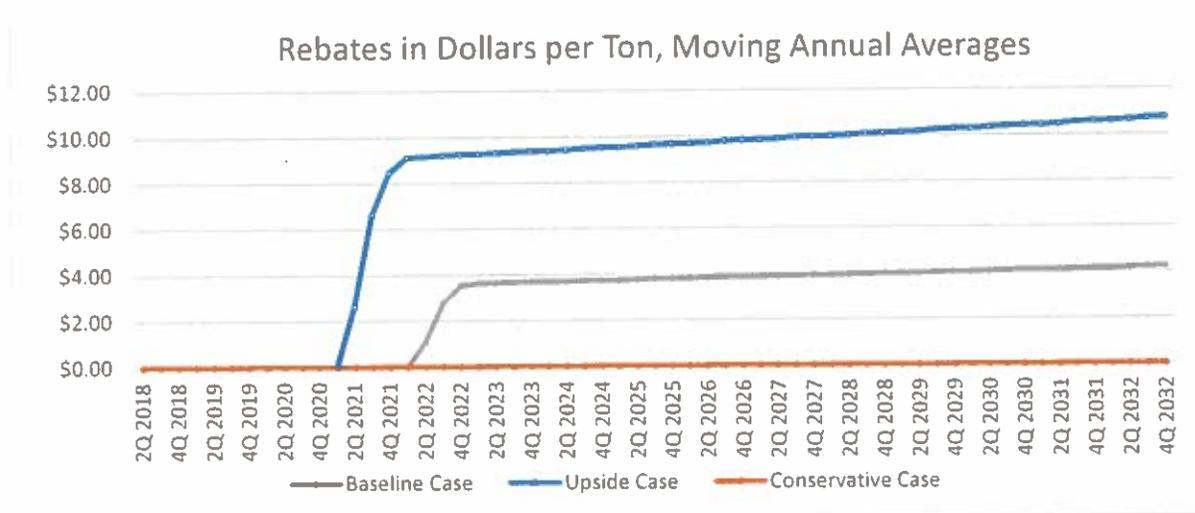
- Payments of \$2.21 per ton to the MRC from tipping fees paid by municipalities that have become Joining Members, but were not Charter Municipalities (Burlington, Lowell and Frenchboro).
- Payments of up to \$2.21 per ton to the MRC from tipping fees in excess of \$70.00 per ton (escalating from 2018) paid by or on behalf of municipalities that were Departing Municipalities.

The rebate formula, thresholds and parameters are being negotiated in good faith to share the value of operating revenues in excess of baseline values between the Joining Members and the Company on a fair and reasonable basis. Both the MRC and the Company acknowledge that there is no guarantee that either the desired levels of Rebates or the targeted levels of return on investment will be achieved.

As before, the ability to achieve desired rebate levels will depend on the amount of waste delivered and processed from Joining Members and from other entities; the tipping fees charged for deliveries from other entities; the quantities and types of materials recovered and products produced; and the prices obtained for sales of the recovered materials and produced products. To prepare projections of the rebate levels that might be achieved, the MRC has reviewed three scenarios for facility operations that have been prepared by Fiberright and its investors:

- A baseline case that involves favorable levels of waste deliveries and tipping fees, and favorable levels of prices for recovered materials and produced products.
- A conservative case that involves plausible, but less favorable, levels of waste deliveries, tipping fees, and prices for recovered materials and produced products.
- An upside case that involves aspirational levels of waste deliveries, tipping fees, and prices for recovered materials and produced products.

The figure provided below provides rough projections of rebate payments in dollars per ton over the 15-year term of the Agreement for each of the three cases identified above – the base line case, the conservative case and the upside case.



As shown,

- For the baseline case, rebates begin in 2022 and achieve the range of three to five dollars per ton on a moving annual average basis.
- For the upside case, rebates begin in 2021 and achieve the range of nine to eleven dollars per ton on a moving annual average basis.
- For the conservative case, there would be no rebates.

Actual rebate amounts are anticipated to vary greatly from quarter to quarter, with higher rebates in the summer when waste quantities increase and market tipping fees tend to increase, and lower rebates in the winter when waste quantities decline and market tipping fees tend to decrease. Generally, the levels of rebates are somewhat below what had been projected for comparable market conditions for a facility that would have been based on a guaranteed delivery level of 150,000 tons per year. Note, however, that rebates will increase to the benefit of Joining Members as and to the extent that additional waste is delivered to the Facility by municipalities that are not Joining Members.

The graph does not account for specific bolt-on revenue upgrade projects that, if implemented as anticipated in the early years, could add substantially to the rebate levels.

The graph also does not account for the new payments to the MRC and Joining Members of up to \$2.21 per ton from tipping fees paid by Joining Members that were not Charter Municipalities and from Departing municipalities. If such municipalities deliver 30,000 tons per MSW at tipping fees, and the market tipping fee exceeds \$75 per ton, then such payments would amount to \$66,300 per year, which is equivalent to about \$0.65 per ton if allocated among 102,513 tons of waste deliveries.

### Revisions to the Site Lease

As indicated above, the form of Site Lease that was attached to the executed version of the Master Waste Supply Agreement (the Agreement) as executed in January 2016 is being amended. Material changes to the Site Lease being proposed include the following:

1. **Signatory and Assignment**. The amended and restated version of the Agreement will be signed by a new special purpose entity, Coastal Resources of Maine, LLC (Coastal), which will be the Company for the purposes of the Agreement. Coastal will be owned jointly by Fiberight and its investors. The Agreement will include new conforming language that will require Fiberight to remain jointly and severally liable for obligations under the Agreement, and that will further obligate Fiberight to provide intellectual property and technical support as required.
2. **The Delivery Commitment**. The Delivery Commitment is being revised to the value of 102,513 tons per year, which is the sum of the Estimated Delivery Amounts filled in in Section 3.3(a) of each Joinder Agreement that has been executed by the MRC and a Joining Member. The revision will be implemented at multiple locations in the Site Lease. These revisions are needed, because the Site Lease was drafted with references to the aspirational value for the Delivery Commitment of 150,000 tons per year, which value was not achieved.
3. **Electric power**. Per Sections 4.2(b) and 4.3(a), the MRC will provide electric power to the site, but the Company would be responsible for any improvements required to implement an electrical interconnection for export of electricity (which is not anticipated at this time).
4. **Schedule**. New dates consistent with current construction plans will be identified for the Construction Access Date and the Infrastructure Completion Date in Section 7.2. The date by which the Company must achieve the Construction Date to avoid an event of default per Sections 6.1 and 18.1 would be moved out to August 1, 2017.
5. **Performance Test**. The description of the Performance Test in Section 7.4 is being revised to reflect the anticipated design and capacity of the facility.
6. **Insurance coverage requirements**. The minimum insurance coverage requirements in Section 15.1 have not yet been determined.
7. **Investor rights and benefits**. The language in Section 19 on investor rights and benefits has not yet been reviewed by the lender's counsel and will likely need to be revised to reflect lending requirements.
8. **Exhibit B**. The description of the facility will need to be revised to reflect current plans.
9. **Exhibit C**. The building and property values will need to be revised to reflect current estimates, as had been anticipated in the footnote to the exhibit.



# NEWSLETTER

Municipal Review Committee | 395 State Street | Ellsworth, ME 04605 | [www.MRCMaine.org](http://www.MRCMaine.org)

ISSUE 5.1 | April 2017

## Court Denies PERC's Appeal

*and sends a strong signal that our project adheres to Maine environmental laws and regulations.*

The MRC is delighted with the Maine Business Court's decision last month affirming the actions of the DEP in issuing permits to the MRC and Fiberight for a new recycling, organics and solid waste processing project in Hampden, Maine. No appeals were filed on the judge's decision and the matter is now closed. The court determined:

- DEP issued the project's permits consistent with the laws and regulations governing solidwaste processing facilities.
- The administrative record contained substantial evidence to support DEP's determinations of Fiberight's financial ability; MRC, Fiberight and their consultants' technical abilities to design, construct, operate, maintain and close the proposed facility;
- The project is consistent with the State of Maine's Solid Waste Management Hierarchy;
- DEP's acceptance of Fiberight's self-certification of Post-Hydrolysis Solids as a non-waste is correct; and
- DEP acted consistent with its authority in declining to hold a public hearing while it conducted a typical review of applications through public meetings, public comments, and technical analyses of application materials.

Fiberight President Craig Stuart-Paul said the decision validates, yet again, that the Fiberight/MRC project is good for Maine. He said "PERC filed a frivolous lawsuit in an attempt to derail our efforts to bring an environmentally friendly solution to recycle the State's waste; this ruling confirms that all of the project stakeholders acted responsibly and lawfully. Now we are free of this distraction we will focus on getting construction back on track, ready to accept waste in April next year."

### FAME APPROVES FIBERIGHT FINANCING

*The FAME Board of Directors approved Fiberight's application to qualify the project to finance debt with the best interest rate available. Fiberight has said that the FAME bonds would give them access to tax free financing, which could potentially save on interest costs. The debt financing will be provided by private lenders.*

### UPCOMING MEETINGS

April 26

**Finance Committee: 9:00 AM**

**Board Meeting: 10:00 AM**

Orono Municipal Building  
59 Main Street, Orono

### ABOUT THE MRC

The Municipal Review Committee (MRC) is a non-profit association of Maine communities led by an elected, volunteer board of directors. For more than 25 years, the member communities of the Municipal Review Committee (MRC), now numbering more than 180 cities and towns, have used the PERC waste-to-energy incinerator in Orrington to process their municipal solid waste (MSW). After 2018, the contracts with PERC will expire. The MRC has partnered with Fiberight to offer an innovative solution to recycle and process our MSW post 2018.

Visit [www.mrcmaine.org](http://www.mrcmaine.org) or contact Greg Lounder at 207-664-1700 or [glounder@mrcmaine.org](mailto:glounder@mrcmaine.org) to learn more about the Municipal Review Committee and to add your name to our email contact list.

### JOIN OUR EMAIL LIST & FOLLOW US ON SOCIAL MEDIA

MRC regularly sends updates and announcements by email to those who have signed up for our alerts.

We also have active Facebook and Twitter accounts, and we've posted informative videos from recent meetings on our YouTube account. All of these are accessible from the homepage of our website, [mrcmaine.org](http://mrcmaine.org).



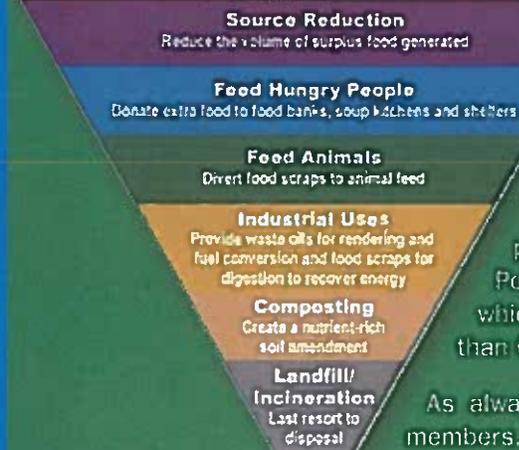
## Hampden Site Update

Despite the snow this winter, the access road and utilities are ready for Phase II of construction.

> The pump station and access road work were close to completion in early February.



### Food Recovery Hierarchy



### MRC at MRRA

MRC is a proud sponsor of the 24th Annual Maine Resource Recovery Association's Recycling and Solid Waste Conference and Trade Show! If you plan to attend, make sure to stop by our booth and say hello.

Some topics for the conference you'll recognize, like the popular annual "The Good, the Bad, and the Ugly" session from DEP. We're particularly interested in the "Food Waste Recovery Hierarchy and Policy Overview" on Monday afternoon. See EPA's hierarchy to the left, which accurately depicts Industrial Uses of food scraps as a higher use than Composting and Landfill/Incineration.

As always, the conference will be a great opportunity to catch up with members. We look forward to seeing you there!

## Member Input Requested for April 26 Board Meeting

MRC is busy at work on a number of final adjustments needed to complete its project development responsibilities and to account for the final project scale and economics. There are pending discussions and decisions that will take place at the next Board Meeting where comments are encouraged by members either before or at the meeting.

The reduction in tonnage and increased number of Departing Members results in a lower reserve than originally anticipated and will require the Board of Directors to consider reallocation of some reserve funds to ensure Joining Members are protected from risk to the maximum extent possible. Furthermore, changes to the proposed rebate structure are necessary to ensure that rebate revenue potential is preserved.

The MRC has posted a memorandum addressing proposed changes on our website ([www.mrcmaine.org/post-2018/](http://www.mrcmaine.org/post-2018/)).

Other items the MRC Board will consider on April 26 in an effort to complete the MRC portion of site development responsibilities are: **(a)** exercise of the option to close on the purchase of the Hampden parcel; **(b)** release funds for Phase II of the road and utility improvements; **(c)** enter into the Phase II construction agreement; **(d)** enter into an agreement with the Town of Hampden to support the Cold Brook Road development route and **(e)** enter into an agreement with the Hampden Water District for water line extension and system reliability improvements.



Angus Jennings &lt;townmanager@hampdenmaine.gov&gt;

## Public Hearing on a Bill Governing the Taxation of Industrial Property

1 message

Kate Dufour &lt;KeyMunicipalOfficials@imail.memun.org&gt;

Thu, Apr 20, 2017 at 11:55 AM

Reply-To: kdufour@memun.org

To: "keymunicipalofficials@imail.memun.org" &lt;keymunicipalofficials@imail.memun.org&gt;

To: Key Municipal Officials  
From: Kate Dufour, Maine Municipal Association  
Date: Thursday, April 20, 2017  
Re: Public Hearing on a Bill Governing the Taxation of Industrial Property

We are now at the point of the Legislative session where bills of significant consequence are scheduled for public hearing with very little notice.

Next ***Wednesday, April 26 at 1:00 p.m.*** the Taxation Committee will hold a public hearing on a bill seeking to comprehensively amend the way in which industrial property is assessed and how municipal assessing decisions can be appealed. That bill is LD 1479, *An Act To Modernize and Improve Maine's Property Tax System*. The full text of the bill can be obtained from this [link](#).

LD 1479 makes several substantial changes to the law governing the taxation of industrial property and the system of appealing the assessment of industrial property. Specifically, the bill: (1) changes the make-up of the Board of Property Tax Review by eliminating the "engineer" category of Board member and replacing it with "representatives of business and industry who are experienced in taxation, finance or valuation", and further providing that the "public member" category of board member cannot be an assessor, former assessor, municipal official or former municipal official; (2) establishes Maine Revenue Services as the primary assessor for any industrial facility", which is defined as a manufacturing facility with a value exceeding \$10 million, and requires the municipal assessor of the jurisdiction where the industrial property is located to use the MRS-calculated value; (3) substantially amends the section of assessing law authorizing assessors to seek and obtain information from taxpayers (Section 706) by: (a) repealing the provision that bars taxpayers who do not provide the requested information of the right of appeal, and (b) limiting to no more than 30 the number of document requests or interrogatories that can be asked of the taxpayer; (4) repeals the requirement that appeals of abatement requests regarding property with a value over \$1 million go the Board of Property Tax Review and allows those appeals to go directly to Superior Court; (5) allows taxpayers appealing an assessment over \$1 million to waive participation in the local board of assessment review process and, instead, appeal directly to the Board of Property Tax Review or Superior Court; (6) establishes that a tax appeal before the Board of Property Tax Review or Superior Court is a "de novo" process rather than an appeal from the established record; and (7) establishes the route of appeal from a decision of the Board of Property Tax Review to go directly to the Maine Supreme Judicial Court, bypassing the Superior Court.

Municipal officials who are concerned with this bill are urged to share their comments with the members of the Taxation Committee by either participating in the April 26 hearing or submitting written comments to Dianne Dubord the Taxation Committee clerk at [Dianne.Dubord@Legislature.Maine.gov](mailto:Dianne.Dubord@Legislature.Maine.gov).

If you have any questions about the bill, public hearing or process, please contact Kate Dufour or Geoff Herman at [1-800-452-8786](tel:1-800-452-8786) or [kdufour@memun.org](mailto:kdufour@memun.org) or [gberman@memun.org](mailto:gberman@memun.org).

To: Angus Jennings, Town Manager; Town Council

From: Kelly Karter, Assessor

Re: LD 1479, An Act to Modernize and Improve Maine's Property Tax System

Date: April 21, 2017

I have attached with this memo a copy of LD 1479. A hearing on this bill is set for Wednesday, April 26<sup>th</sup> at 1 PM.

As presented, in my opinion, this bill does nothing to modernize and improve Maine's Property Tax System. Major provisions are listed below.

Amends Title 36 Section 706. Currently this statute allows an assessor to request a list of property from a taxpayer and make reasonable inquiries about the nature, value and situation of the property of the taxpayer. Also, if the taxpayer refuses to comply with this request, they may lose their right to appeal their valuation. This tool is very useful to assessor's in acquiring information from large commercial properties as well as personal property owners.

The changes proposed would limit the number of inquiries an assessor would be allowed to make as well as remove any penalty for lack of reporting. Essentially, assessors would be left to assess some properties "blindly" only to have the taxpayer appeal and possibly (likely) win as their will be no accountability or penalty.

In my opinion, this LD renders Section 706 ineffective. It would most likely reduce revenue generated by personal property assessments and increase a reliance on staff to collect the essential data for assessment.

Assessment of Industrial Property Exceeding \$10 Million in Value. The LD removes the local authority to assess Industrial Properties that exceed the \$10 million threshold and places it with Maine Revenue Services. It proposes a new statute that directs MRS to value all industrial facilities in the State valued at \$10 million or more. There is a provision that would allow the municipality to request reconsideration, but that process is unclear at this point. It is also unclear what Industrial properties will be encompassed in this statute. It could be electric utility property, energy production facilities, distribution warehouses, natural gas transmission and even the proposed MRC project currently underway in Hampden.

This would take away the local authority to assess these largest taxpayers and could possibly effect the revenue a municipality would/could receive from same.

Revisions to Tax Appeal Procedures for Commercial and Industrial Properties with a Just Value of over \$1 Million. There is already a system in place to address these types of appeals. Currently an appeal of this nature can go to the State Board of Property Tax Review. This system, although sometimes lengthy, appears to be effective and fair.

The changes proposed in this LD would provide several ways for a taxpayer of this size to approach the appeal process. Under existing law, if the municipality has a Board of Assessment Review, this taxpayer now must appeal the denial of an abatement from the Assessor to that Board, the same as any other taxpayer. Under this LD such a taxpayer can bypass this procedure and appeal either to the State Board of Property Tax Review or Superior Court.

Under existing law, if such a taxpayer appeals the decision of the State Board of Property Tax Review, an appeal can proceed to Superior Court. A decision of the Superior Court can be made to the Law Court. Under this LD such a taxpayer can appeal a decision of the State Board directly to the Law Court.

In my opinion, the current statute provides a balance between a uniform appeal process for all with some special consideration for the appraisal issues of large commercial and industrial properties. I see no reason for bypassing Local Boards or the State Board.

### Summary

It is my opinion that this LD is targeted to undo reasonable tax assessment statutes in a manner to benefit only large commercial and industrial property owners by rendering Section 706 largely meaningless, by transferring the assessment responsibility for large industrial properties to MRS, and by developing flexible tax appeal procedures to benefit just on type of taxpayer.

\*\*Some talking points have been shared amongst various assessors.



# 128th MAINE LEGISLATURE

## FIRST REGULAR SESSION-2017

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Legislative Document

No. 1479

H.P. 1018

House of Representatives, April 18, 2017

### An Act To Modernize and Improve Maine's Property Tax System

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Reference to the Committee on Taxation suggested and ordered printed.

Handwritten signature of Robert B. Hunt in cursive.

ROBERT B. HUNT  
Clerk

Presented by Representative STANLEY of Medway.  
Cosponsored by Senator SAVIELLO of Franklin and  
Representatives: CAMPBELL of Orrington, FARRIN of Norridgewock, HANINGTON of  
Lincoln, HARLOW of Portland, NADEAU of Winslow, RILEY of Jay, SKOLFIELD of Weld,  
Senator: CUSHING of Penobscot.

1           **Be it enacted by the People of the State of Maine as follows:**

2           **Sec. 1. 36 MRSA §271, sub-§1**, as amended by PL 1989, c. 503, Pt. B, §165, is  
3 further amended to read:

4           **1. Organization; meetings.** The State Board of Property Tax Review, as  
5 established by Title 5, section 12004-B, subsection 6, ~~shall consist~~ consists of 15  
6 members appointed by the Governor for terms of 3 years, ~~except for initial appointments~~  
7 ~~which shall be 1/3 of the membership for one year, 1/3 of the membership for 2 years and~~  
8 ~~1/3 of the membership for 3 years.~~ Vacancies on the board shall must be filled for the  
9 remainder of the unexpired term. The membership shall must be equally divided among  
10 attorneys, real estate brokers, ~~engineers~~ representatives of business and industry who are  
11 experienced in taxation, finance or valuation matters, retired assessors and public  
12 members. A public member may not be an assessor, former assessor, municipal official or  
13 former municipal official. The board shall annually elect a chair and secretary. The  
14 secretary need not be chosen from the members of the board.

15           **Sec. 2. 36 MRSA §271, sub-§7**, as enacted by PL 1985, c. 764, §8, is amended to  
16 read:

17           **7. Appeal.** Decisions of the board may be appealed ~~pursuant to the Maine~~  
18 ~~Administrative Procedure Act, Title 5, chapter 375~~ directly to the Law Court in the same  
19 manner as an appeal taken from a judgment of the Superior Court in a civil action.

20           **Sec. 3. 36 MRSA §305, sub-§5**, as amended by PL 2001, c. 564, §3, is further  
21 amended to read:

22           **5. Rules.** ~~Promulgate~~ Adopt, after appropriate notice and hearing, all rules ~~and~~  
23 ~~regulations~~ necessary to carry into effect any of its duties and responsibilities; ~~and~~

24           **Sec. 4. 36 MRSA §305, sub-§6**, as amended by PL 2011, c. 655, Pt. II, §8 and  
25 affected by §11 and amended by c. 657, Pt. W, §6, is further amended to read:

26           **6. Report on changes in land ownership.** On or before September 1st of each year,  
27 report to the Commissioner of Agriculture, Conservation and Forestry, the Commissioner  
28 of Inland Fisheries and Wildlife and the joint standing committee of the Legislature  
29 having jurisdiction over public lands on the transfer in ownership of parcels of land  
30 10,000 acres or greater within the unorganized territory of the State. Using information  
31 maintained by the State Tax Assessor under section 1602 and section 4641-D, the bureau  
32 shall provide information for each transfer that includes:

- 33           A. Name of the seller;  
34           B. Name of the buyer;  
35           C. Number of acres transferred;  
36           D. Classification of land;  
37           E. Location by township and county;

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- F. Sale price; and
- G. A brief description of the property; and

**Sec. 5. 36 MRSA §305, sub-§7 is enacted to read:**

7. Valuation of industrial facilities. Notwithstanding any other provision of this Title to the contrary, determine the just value of real and personal property located at industrial facilities as of the first day of each April beginning in 2018 and provide those just values to each municipality in which an industrial facility is located no later than June 1st of each property tax year. In the bureau's determination of the just value of an industrial facility, the State Tax Assessor may utilize section 706 or any other powers granted to the assessor under this Title to obtain necessary information from the taxpayer. The just value of an industrial facility determined by the bureau is binding on local assessors, subject to equalization. A municipality that is aggrieved by the bureau's determination of just value of an industrial facility may petition for reconsideration pursuant to section 151. A taxpayer that is aggrieved by the bureau's determination of just value of an industrial facility may seek an abatement of the municipal assessment pursuant to sections 841, 843 and 844. For purposes of this subsection, "industrial facility" means a manufacturing facility that has or is anticipated by the bureau to have a total just value exceeding \$10,000,000 in any municipality for all real and personal property located in that municipality.

**Sec. 6. 36 MRSA §706, as amended by PL 2013, c. 544, §5 and affected by §7, is further amended to read:**

**§706. Taxpayers to list property; notice; verification**

Before making an assessment, the assessor or assessors, the chief assessor of a primary assessing area or the State Tax Assessor in the case of the unorganized territory may give reasonable notice in writing to all persons liable to taxation or qualifying for exemption pursuant to subchapter 4-C in the municipality, primary assessing area or the unorganized territory to furnish to the assessor or assessors, chief assessor or State Tax Assessor true and perfect lists of all their estates of which they were possessed on the first day of April of the same year.

The notice to owners may be by mail directed to the last known address of the taxpayer or by any other method that provides reasonable notice to the taxpayer.

~~If notice is given by mail and the taxpayer does not furnish the list, the taxpayer is barred of the right to make application to the assessor or assessors, chief assessor or State Tax Assessor or any appeal from an application for any abatement of those taxes, unless the taxpayer furnishes the list with the application and satisfies the assessing authority or authority to whom an appeal is made that the taxpayer was unable to furnish the list at the time appointed.~~

The assessor or assessors, chief assessor or State Tax Assessor may require the person furnishing the list to make oath to its truth, which oath any of them may administer.

1           The assessor or assessors, chief assessor or State Tax Assessor may require the  
2 taxpayer to answer in writing all proper inquiries a total of no more than 30  
3 interrogatories or document requests or a combination of interrogatories and document  
4 requests not exceeding 30 in the aggregate seeking information as to the nature, situation  
5 and value of the taxpayer's property liable to be taxed in the State or subject to exemption  
6 pursuant to subchapter 4-C. Each distinct subpart in an interrogatory or document request  
7 is considered a separate interrogatory for the purpose of the 30-request limit. A taxpayer  
8 may make reasonable objections to responding to interrogatories or document requests to  
9 the same extent as objections may be made under the Maine Rules of Civil Procedure.  
10 As may be reasonably necessary to ascertain the value of property according to the  
11 income approach to value pursuant to the requirements of section 208-A or generally  
12 accepted assessing practices, these inquiries interrogatories and document requests may  
13 seek information about income and expenses, manufacturing or operational efficiencies,  
14 manufactured or generated sales price trends or other related information. A taxpayer has  
15 30 days from receipt of such an inquiry interrogatories and document requests to respond.  
16 Upon written request, a taxpayer is entitled to a 30-day extension to respond to the  
17 inquiry interrogatories and document requests and the assessor may at any time grant  
18 additional extensions upon written request. Information provided by the taxpayer in  
19 response to an inquiry interrogatory or document request that is proprietary information,  
20 and clearly labeled by the taxpayer as proprietary and confidential information, is  
21 confidential and is exempt from the provisions of Title 1, chapter 13. An assessor of the  
22 taxing jurisdiction may not, without the taxpayer's written consent, allow the inspection  
23 of or otherwise release such proprietary information to anyone other than the State Tax  
24 Assessor, who shall treat such proprietary information as subject to section 191,  
25 subsection 1, except that the exemption provided in section 191, subsection 2, paragraph 1  
26 does not apply to such proprietary information. As used in this subsection, "proprietary  
27 information" means information that is a trade secret or production, commercial or  
28 financial information the disclosure of which would impair the competitive position of  
29 the person submitting the information and would make available information not  
30 otherwise publicly available and information protected from disclosure by federal or state  
31 law or regulations. A person who knowingly violates the confidentiality provisions of  
32 this paragraph commits a Class E crime.

33           ~~A taxpayer's refusal or neglect to answer inquiries bars an appeal, but the answers are~~  
34 ~~not conclusive upon the assessor or assessors, chief assessor or State Tax Assessor.~~

35           ~~If the assessor or assessors, chief assessor or State Tax Assessor fail to give notice by~~  
36 ~~mail, the taxpayer is not barred of the right to make application for abatement; however,~~  
37 ~~upon demand the taxpayer shall answer in writing all proper inquiries as to the nature,~~  
38 ~~situation and value of the taxpayer's property liable to be taxed in the State. A taxpayer's~~  
39 ~~refusal or neglect to answer the inquiries and subscribe the same bars an appeal, but the~~  
40 ~~list and answers are not conclusive upon the assessor or assessors, chief assessor or the~~  
41 ~~State Tax Assessor.~~

42           **Sec. 7. 36 MRS §708**, as amended by PL 1973, c. 620, §17, is further amended  
43 to read:

1           **§708. Assessors to value real estate and personal property**

2           The Except as provided in section 305, the assessors and the chief assessor of a  
3 primary assessing area shall ascertain as nearly as may be the nature, amount and value as  
4 of the first day of each April of the real estate and personal property subject to be taxed,  
5 and shall estimate and record separately the land value, exclusive of buildings, of each  
6 parcel of real estate.

7           **Sec. 8. 36 MRSA §843, sub-§1, as amended by PL 1995, c. 262, §4, is further**  
8 **amended to read:**

9           **1. Municipalities.** If Except as otherwise provided in subsection 1-A, if a  
10 municipality has adopted a board of assessment review and the assessors or the municipal  
11 officers refuse to make the abatement asked for, the applicant may apply in writing to the  
12 board of assessment review within 60 days after notice of the decision from which the  
13 appeal is being taken or after the application is deemed to have been denied, and, if the  
14 board thinks the applicant is over-assessed, the applicant is granted such reasonable  
15 abatement as the board thinks proper. ~~Except with regard to nonresidential property or~~  
16 ~~properties with an equalized municipal valuation of \$1,000,000 or greater either~~  
17 ~~separately or in the aggregate, either~~ Either party may appeal from the decision of the  
18 board of assessment review directly to the Superior Court, in accordance with Rule 80B  
19 of the Maine Rules of Civil Procedure. If the board of assessment review fails to give  
20 written notice of its decision within 60 days of the date the application is filed, unless the  
21 applicant agrees in writing to further delay, the application is deemed denied and the  
22 applicant may appeal to Superior Court as if there had been a written denial.

23           **Sec. 9. 36 MRSA §843, sub-§1-A, as amended by PL 1995, c. 262, §4, is**  
24 **repealed and the following enacted in its place:**

25           **1-A. Nonresidential property of \$1,000,000 or greater.** The following provisions  
26 apply to real property or properties that are used primarily for commercial, industrial or  
27 business purposes, excluding unimproved land that is not associated with a commercial,  
28 industrial or business use, with an equalized municipal valuation of \$1,000,000 or greater  
29 either separately or in the aggregate, referred to in this subsection as "nonresidential  
30 property."

31           **A. The taxpayer may waive consideration of a decision involving nonresidential**  
32 **property by a local board of assessment review by:**

33           (1) **Appealing the decision of the assessor or municipal officers directly to the**  
34 **State Board of Property Tax Review within 60 days after notice of the decision**  
35 **from which the appeal is taken or after the abatement application is deemed**  
36 **denied; or**

37           (2) **Appealing the decision of the assessor or municipal officers directly to the**  
38 **Superior Court within 60 days after notice of the decision from which the appeal**  
39 **is taken or after the abatement application is deemed denied, in accordance with**  
40 **Rule 80B of the Maine Rules of Civil Procedure.**

1           The State Board of Property Tax Review or Superior Court, as the case may be, shall  
2           conduct a de novo hearing and make a de novo determination of the merits of the  
3           case. If the board or Superior Court determines that the applicant is over-assessed, it  
4           shall grant such reasonable abatement as the board or Superior Court thinks proper.

5           B. If the owner of nonresidential property elects to appeal the decision of the  
6           assessors or municipal officers to a local board of assessment review, either party  
7           may appeal the decision of the local board of assessment review or the primary  
8           assessing area board of assessment review to:

9                   (1) The State Board of Property Tax Review within 60 days after notice of the  
10                   decision from which the appeal is taken or after the application is deemed denied,  
11                   as provided in subsections 1 and 2; or

12                   (2) The Superior Court within 60 days after notice of the decision from which  
13                   the appeal is taken or after the abatement application is deemed denied, in  
14                   accordance with Rule 80B of the Maine Rules of Civil Procedure.

15           The State Board of Property Tax Review or Superior Court, as the case may be, shall  
16           conduct a de novo hearing and make a de novo determination of the merits of the  
17           case. If the board or Superior Court determines that the applicant is over-assessed, it  
18           shall grant such reasonable abatement as the board or Superior Court thinks proper.

19           **Sec. 10. 36 MRSA §843, sub-§2, as amended by PL 2001, c. 396, §17, is further**  
20           **amended to read:**

21           **2. Primary assessing areas.** If Except as provided in subsection 1-A, if a primary  
22           assessing area has adopted a board of assessment review and the assessors or municipal  
23           officers refuse to make the abatement asked for, the applicant may apply in writing to the  
24           board of assessment review within 60 days after notice of the decision from which the  
25           appeal is being taken or after the application is deemed to have been denied, and if the  
26           board thinks the applicant is over-assessed, the applicant is granted such reasonable  
27           abatement as the board thinks proper. ~~Except with regard to nonresidential property or~~  
28           ~~properties with an equalized municipal valuation of \$1,000,000 or greater, either~~  
29           ~~separately or in the aggregate, either~~ Either party may appeal the decision of the board of  
30           assessment review directly to the Superior Court, in accordance with the Maine Rules of  
31           Civil Procedure, Rule 80B. If the board of assessment review fails to give written notice  
32           of its decision within 60 days of the date the application was filed, unless the applicant  
33           agrees in writing to further delay, the application is deemed denied and the applicant may  
34           appeal to the Superior Court as if there had been a written denial.

35           **Sec. 11. 36 MRSA §844, sub-§2, as amended by PL 2011, c. 548, §13, is**  
36           **repealed and the following enacted in its place:**

37           **2. Nonresidential property of \$1,000,000 or greater.** Notwithstanding subsection  
38           1, the applicant may appeal the decision of the assessors or the municipal officers on a  
39           request for abatement with respect to nonresidential property or properties having an  
40           equalized municipal valuation of \$1,000,000 or greater, either separately or in the  
41           aggregate, to:





Angus Jennings &lt;townmanager@hampdenmaine.gov&gt;

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**Re: Community Solar Legislation**

1 message

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**Angus Jennings** <townmanager@hampdenmaine.gov>  
To: Rosemary Baldacci <rosemarybaldacci@gmail.com>  
Cc: Lisa Baldacci <lisa.m.baldacci@gmail.com>

Thu, Apr 20, 2017 at 9:49 AM

Hello,

We only take positions on proposed legislation if supported by the majority of the Town Council. I'll put this on the agenda for this Monday's Council Infrastructure Committee meeting.

Thanks,  
Angus

On Thu, Apr 20, 2017 at 9:33 AM, Rosemary Baldacci <rosemarybaldacci@gmail.com> wrote:

Good morning Mr. Jennings,

We are contacting you on behalf of our client, Coalition for Community Solar Access. My sister Lisa and I are working on a community solar bill, LD 1444, "An Act Regarding Large-scale Community Solar Procurement" that will soon be before the Legislature. Sen. Dave Woodsome, the Senate chair of the Energy, Utilities, & Technology Committee is our lead sponsor. The hearing on our bill is Thursday, April 27th.

To give you some background, community solar refers to a solar photovoltaic (PV) project with multiple subscribers that own an interest in the project and receive commensurate on-bill credits associated with the system's production.

Our proposed community solar bill will provide a robust new distributed generation energy market and expand consumer choice in energy by establishing a competitive procurement process.

We believe LD 1444 will provide Maine towns and cities with exciting new economic development opportunities. Community solar subscriptions will help municipalities control costs and serve as a hedge against rising electricity rates. By taking control of energy costs, cities and towns can redirect those savings back into necessary services. Here is a link to LD 1444:

<https://legislature.maine.gov/LawMakerWeb/summary.asp?ID=280064804>

For your review, we've attached background on the bill.

We welcome your thoughts on LD 1444 and hope for your support on this piece of legislation that will benefit the state in both meeting our energy needs and creating new economic opportunities.

Our best,

Rosemary and Lisa Baldacci



Angus Jennings <townmanager@hampdenmaine.gov>

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**Re: Community Solar Legislation**

1 message

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**Rosemary Baldaci** <rosemarybaldacci@gmail.com>

Thu, Apr 20, 2017 at 12:16  
PM

To: Angus Jennings <townmanager@hampdenmaine.gov>

Cc: Lisa Baldacci <lisa.m.baldacci@gmail.com>

**Hi Angus--**

**We are sending to a number of towns in Maine because we feel this proposal provides municipalities with ways to expand economic opportunities with real benefits to town and citizens. In fact this bill gives municipalities additional flexibility in structuring the community solar project.**

**Under the legislation, a single subscriber cannot contract for more than half of a project's total output unless that subscriber is a municipality. Cities and towns can account for up to 70% of a single project's subscriptions. Municipalities can contract for electricity to meet their own needs, subscribe for bill credits to significantly reduce energy costs, or allocate credits to residents or local institutions.**

**Community solar subscriptions help municipalities control costs and serve as a hedge against rising electricity rates. By taking control of energy costs, cities and towns can redirect those savings back into necessary services.**

**We strongly believe this bill would benefit municipalities and consumers greatly.**

**I hope this is helpful.**

**If you have any questions please let me know.**

**Rosemary**



1133 15th Street, NW | 12th Floor  
Washington, DC 20005  
202-540-9162 | [info@communitysolaraccess.org](mailto:info@communitysolaraccess.org)  
[communitysolaraccess.org](http://communitysolaraccess.org)

## **LD 1444 – An Act Regarding Large-Scale Community Solar Procurement**

**Summary:** the bill, filed by Senator David Woodsome, enables the development of 120 megawatts of large scale community solar in Maine through 4 successive 30 megawatt procurements.

### **What is community solar?**

Community solar is a way for every person in Maine to access the benefits of solar energy. Community solar refers to solar facilities shared by local homeowners, municipalities and businesses. Subscribers sign up for a proportional share of a community solar project and receive a guaranteed rate of savings on their electricity bill in return.

### **Creating energy options for all Mainers**

Community solar does not require participants to have suitable rooftop space or pay large up-front costs. Homeowners, renters, businesses, manufacturers, cities and towns – anyone with an electric bill – can subscribe to a community solar array in their area and see the savings applied directly to their bill.

Maine's electricity prices are well above the national average. Participation in community solar can help residents and businesses take control of their energy costs and provide a hedge against rising rates.

### **Enabling an industry to grow and thrive**

According to the Solar Foundation Jobs Report, solar jobs in Maine grew 32 times faster than the overall economy last year, adding 241 new jobs in 2016.

The median wage for solar installers in the US last year was \$26/hour.

### **Taking control of Maine's energy future**

LD 1444 will promote the development of up to 120MW of solar over 4 years – enough to power approximately 19,600 homes.

Establishing a robust community solar market in Maine will spur the development of locally-produced, grid-scale renewable energy.

***LD 1444: Energy Choice. Energy Jobs. Energy Independence.***



1133 15th Street, NW 12th Floor  
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communitysolaraccess.org

## LD 1444 – An Act Regarding Large-Scale Community Solar Procurement

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Under the legislation, a single subscriber cannot contract for more than half of a project's total output unless that subscriber is a municipality. Cities and towns can account for up to 70% of a single project's subscriptions. Municipalities can contract for electricity to meet their own needs, subscribe for bill credits to significantly reduce energy costs, or allocate credits to residents or local institutions.

### **Municipal Case Study: Eagle County, Colorado**

***As part of a larger effort to reduce costs and foster the growth of renewable energy, the City of Louisville, Colorado subscribed for the output of 641 solar panels from an array in nearby Boulder. The power generated was earmarked to offset the power used by the Louisville Sports Complex and the waste treatment plant. The City's year 1 savings were \$13,743 and are projected to amount to \$311,292 over the course of the 20-year contract.***

Community solar subscriptions help municipalities control costs and serve as a hedge against rising electricity rates. By taking control of energy costs, cities and towns can redirect those savings back into necessary services.

### **Case Study: Pueblo County School District**

***Pueblo County School District 70 recently contracted for the output of 11,456 solar panels split across two community solar arrays in south central Colorado. The contract made the district of 34 schools the first in the state to offset 100% of its facilities' energy use with clean energy. The deal will net the district \$35,000 in savings in the first year, and more than \$2 million in energy savings over the 20-year life of the program***