

# MAINE STATE LEGISLATURE

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**STATUS OF LICENSED DISCHARGES  
AND  
COMBINED SEWER OVERFLOW ABATEMENT PROGRAM**

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

**APRIL, 2011**

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## **INTRODUCTION**

38 M.R.S.A. § 464(3)(C) requires that, “The commissioner shall report annually to each regular session of the Legislature on the status of licensed discharges.”

Included in this report is summary information on licensed discharges regarding their type, licensing, compliance, environmental performance and enforcement status; and the construction, combined sewer overflow (CSO) and financial needs of publicly owned treatment works (POTWs).

Licensed discharges include sources such as POTWs and commercial and industrial dischargers (Non-POTWs). For the purposes of this report, these discharges are referred to as point source dischargers.

Licensed discharges also include sources such as small commercial and residential overboard discharges (OBDs). OBDs are summarized separately in this report.

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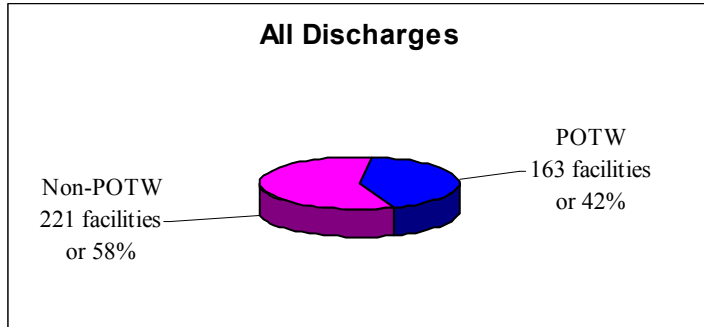
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## SUMMARY OF POINT SOURCE DISCHARGES BY TYPE

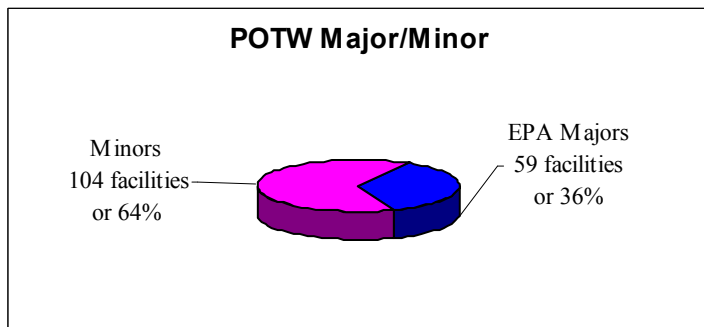
As of December 31, 2010, there were 384 licensed point source discharges in the state of Maine. Of these 384, eight are aquaculture facilities covered under a single general permit.

The following charts provide information on a variety of aspects for these discharges.

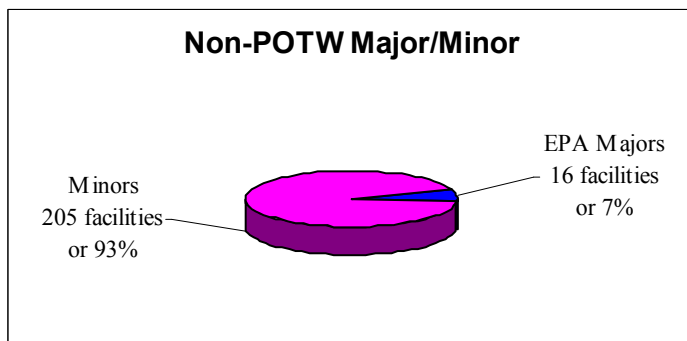
In addition, Appendices A, B and C list all of the discharges by category and location and provide other select information about the discharges.



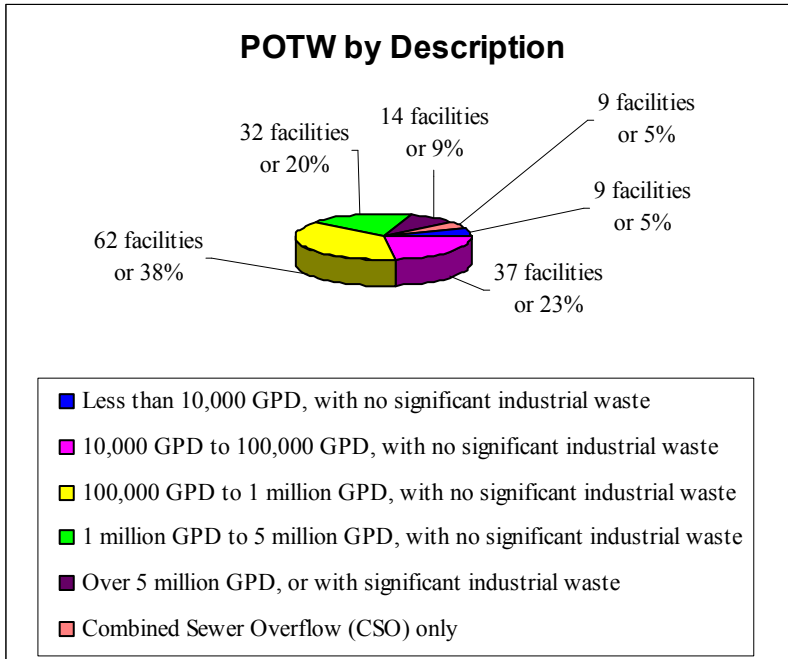
Discharges are categorized as Publicly Owned Treatment Works (POTWs) or Non POTWs. POTWs are municipal or quasimunicipal wastewater treatment facilities that treat residential, commercial and industrial wastewater. Non POTWs comprise a variety of municipal, commercial, or industrial dischargers as indicated on page 2.



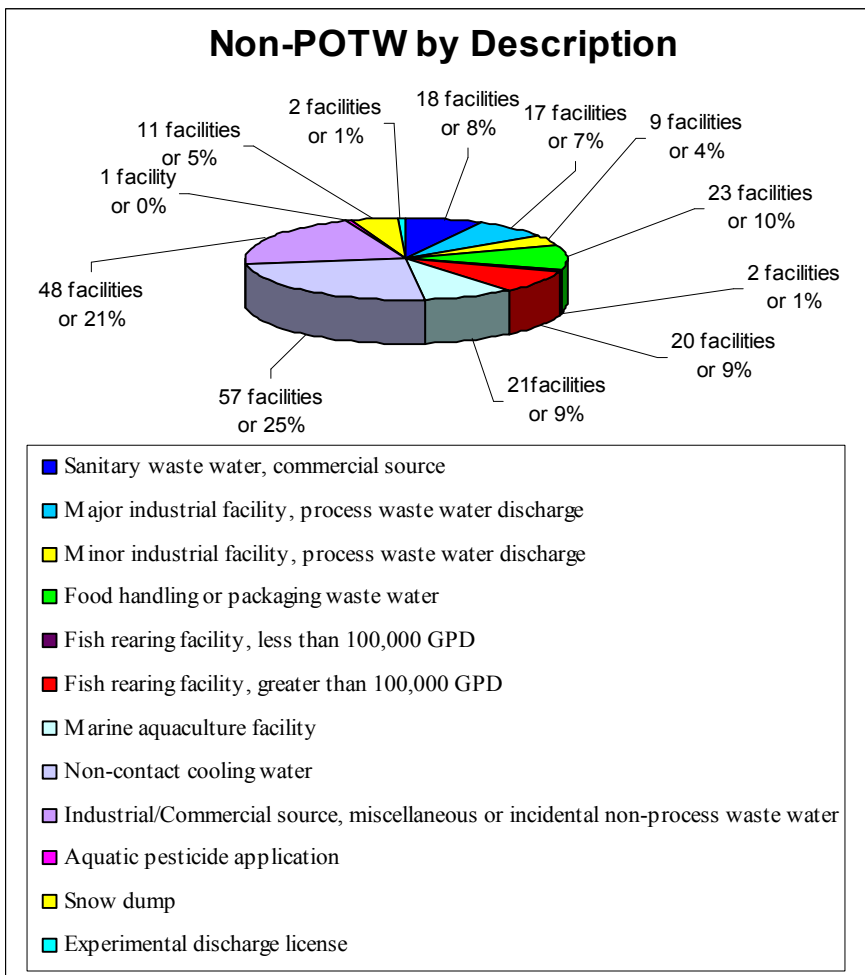
Discharges are further categorized as Major or Minor. Major POTW dischargers are those facilities with design flows greater than one million gallons per day and facilities with approved industrial pretreatment programs. Major Non POTW dischargers are determined by rating criteria developed by the Environmental Protection Agency. Minor dischargers are those not classified as Major.



**SUMMARY OF POINT SOURCE DISCHARGES BY TYPE**

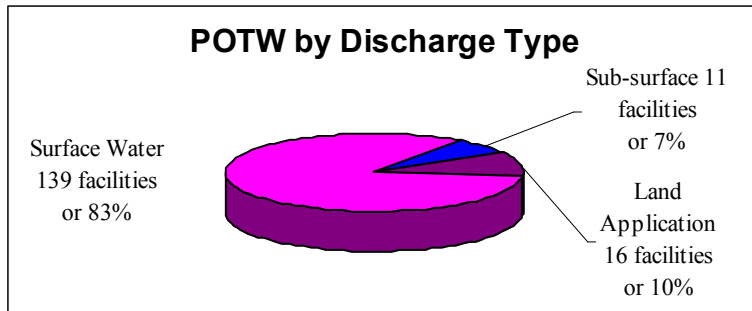


The size of POTWs varies greatly. The smallest POTW has a licensed flow of 2,000 gallons per day. The largest POTW has a licensed flow of 19.8 million gallons per day.

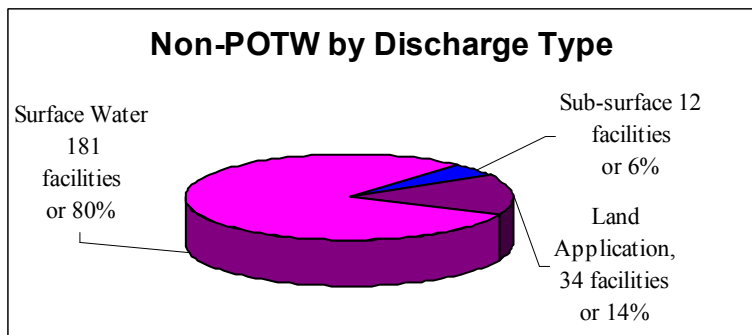


The type of Non-POTW discharges varies greatly, from the largest paper mill that has a licensed flow of 51 million gallons per day to small snow dumps.

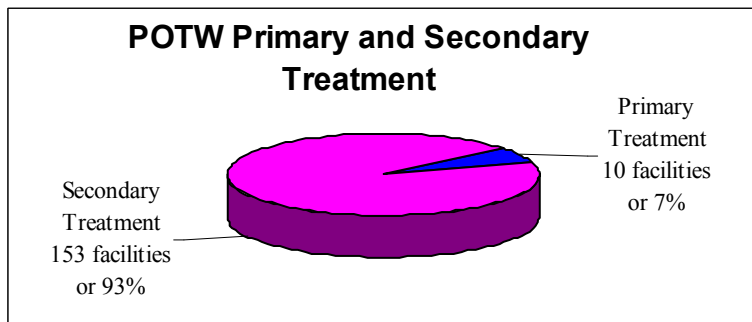
**SUMMARY OF POINT SOURCE DISCHARGES BY TYPE**



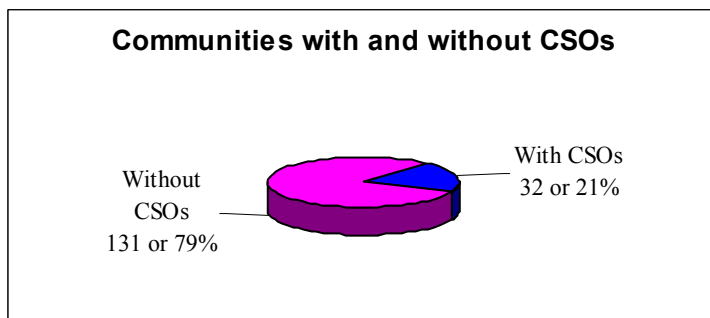
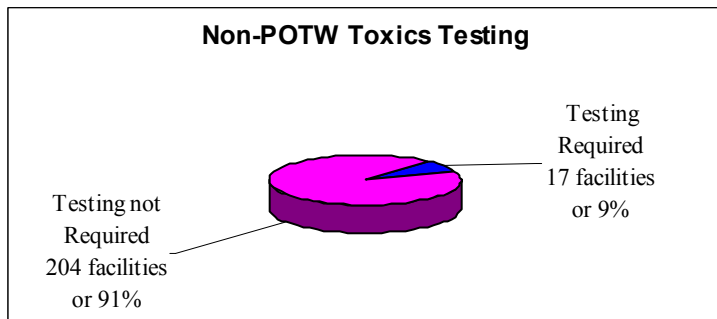
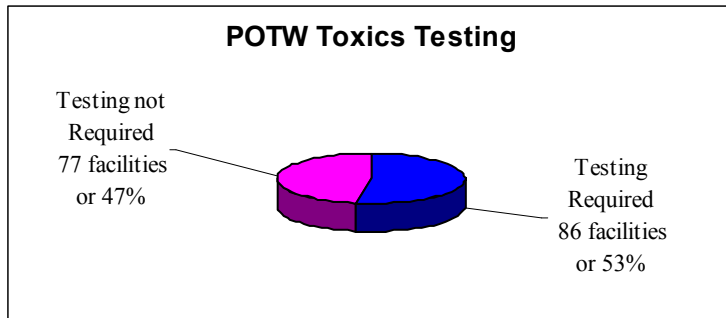
The majority of discharges are to surface waters. However, some facilities discharge via spray irrigation to land, or to subsurface systems. 9 facilities discharge in more than one way.



The majority of POTWs provide secondary treatment of wastewater. Secondary treatment is a combination of physical and biological treatment that, among other criteria, provides a minimum of 85% removal of biochemical oxygen demand (BOD) and total suspended solids (TSS). 10 POTWs that discharge to marine waters were granted a waiver by EPA, as allowed under the Clean Water Act, to provide a reduced level of treatment known as Primary Treatment. Primary treatment is a physical treatment process that provides, among other criteria, a minimum of 30% removal of BOD and TSS.



## SUMMARY OF POINT SOURCE DISCHARGES BY TYPE



Federal and state law prohibits the discharge of toxic substances in toxic amounts. Department Regulations Chapters 530 and 584 specify water quality criteria for toxic substances and the requirements to control the level of toxic substances in surface waters.

Some communities have Combined Sewer Overflows (CSOs). CSOs occur during storm events when a mixture of wastewater and stormwater runoff overflows a combined sewer collection system (a system that collects sanitary wastewater and stormwater in a single pipe) before receiving treatment at a POTW. Communities that have CSOs are required to license them with the DEP, evaluate their CSO problems, and determine cost effective solutions to abate them. A detailed discussion of CSOs follows in the next section.



## **STATUS OF COMBINED SEWER OVERFLOWS FROM POTWS**

This information is compiled from various documents and reports submitted to the Maine Department of Environmental Protection by the CSO Communities (City/Town/District) or their consultants on their behalf. A majority of the information comes from the CSO Master Plans (a.k.a. Long Term Control Plans), Sewer System Evaluation Studies, Infiltration/Inflow Reports, Annual CSO Progress Reports, and general correspondence.

At the start of any CSO Community's abatement program, initial flow data was collected to estimate the existing discharge volumes and frequencies, define the problems, and establish a corrective course of action. This often occurred over a relatively short period of time (a year or two) and may not have captured as many good wet weather events as desired. However, this data was the best available information at the time and established the overflow baselines that are used within this report. Since then, CSO flow monitoring plans have continued to improve and overall data reliability has increased, giving the program better data for specific yearly wet weather patterns.

### **What Are CSOs?**

- Combined Sewer Overflows (CSOs) are discharges of untreated wastewater from municipal sewerage systems that carry mixtures of sanitary sewage, storm water, and sometimes industrial wastes.
- They occur mostly during and after rain events or snowmelt. Flows within the combined sewer system during these wet weather events can be as high as fifty (50) times the normal dry weather flows.
- Large volumes of water entering the combined sewer system (CSS) through catch basins, old and leaky pipes, roof drains, cellar drains, sump pumps, and other sources cause the capacity of the system to be exceeded.
- Hydraulic relief points within the CSS allow the excess flows to be discharged. These relief points are generally near pump stations and river crossings.
- Excess volumes of combined sewage can also cause treatment facility upsets, street flooding, and back-ups into basements.

## **What Are The Impacts Of CSOs?**

- Currently in Maine there are 32 communities (towns or cities) with CSO discharge points in their sewerage systems (down from an original 60). These communities collectively have 164 individual CSO discharge points (down from an original 340).
- The frequency of discharges varies greatly from community to community, ranging from seldom to occurring in response to all but the smallest rain storms.
- In large communities hundreds of millions of gallons per year of untreated combined sanitary sewage and storm water may be discharged. Statewide, approximately 1.5 to 2.5 billion gallons are discharged annually from CSOs (down from an estimated original volume of 6.2 billion gallons).
- CSOs discharge untreated combined sewage to receiving waters that vary in size from the ocean and large rivers to small streams and drainage creeks.
- Water quality is impaired by the addition of floatables, bacteria, and sometimes industrial pollutants.
- Shellfishing areas and beaches can be closed and drinking water supplies threatened.

## **What Is A CSO Community?**

- CSO Communities are permitted dischargers of combined sanitary and storm waters. The Department of Environmental Protection issues CSO permittees a wastewater discharge license that requires them to implement EPA's Nine Minimum Control Best Management Practices (BMPs), develop a Long Term Control Plan (LTCP) (a.k.a. Master Plan) to eliminate or abate their overflows, and finally to implement the plan and bring them into compliance with EPA's April 8, 1994 Combined Sewer Overflow (CSO) Control Policy.
- Special Conditions in their Maine Pollutant Discharge Elimination System (MEPDES) permit requires all CSO permittees to submit an Annual CSO Progress Report to the Department for the previous year by March 1st.
- The Progress Report documents the Community's efforts to comply with the Nine Minimum Controls, and collects pertinent fiscal and logistical information about their CSO abatement program. This information is used to track their CSO abatement progress and gather state-wide information on the CSO program and fiscal needs.

## **Where Did We Start?**

- The CSO movement started in 1989 with the clarification of the Clean Water Act through the publication of the National CSO Control Strategy by the Environmental Protection Agency (EPA).
- At that time the State had about 60 CSO Communities that discharged an estimated 6.2 billion gallons of combined wastewater and storm water during wet weather events.
- Statewide it was estimated that overflow events happened approximately 1,700 times a year through approximately 340 different CSO outfalls.
- On April 19, 1994 EPA issued a national policy statement entitled “Combined Sewer Overflow (CSO) Control Policy.” This policy provides guidance to permittees with CSOs, and State permit and water quality standards authorities on coordinating the planning, selection, and implementation of CSO controls that meet the requirements of the Clean Water Act (CWA).
- In February 2000, the Maine Department of Environmental Protection Chapter 570 Rules, entitled “Combined Sewer Overflow Abatement,” became effective. This chapter establishes procedures for CSO evaluation, preparation of an abatement plan, and sets forth minimum controls to reduce CSOs while long-range plans are being completed.
- In December 2000, as part of the Consolidated Appropriations Act for Fiscal Year 2001 (P.L. 106-554), Congress amended the Clean Water Act (CWA) by adding Section 402(q), commonly referred to as the Wet Weather Water Quality Act of 2000. Section 402(q) requires that each permit, order, or decree issued pursuant to the CWA for a discharge from a municipal combined sewer system shall conform to the CSO Control Policy.

## **What Is Being Done To Abate CSO Discharges?**

- All of Maine’s CSO Communities have completed or are working on comprehensive CSO studies or facilities plans. These plans are often referred to as Master Plans (MPs) or Long Term Control Plans (LTCPs). These documents define the magnitude of the CSO discharges, their impacts on the environment, and evaluate a range of abatement control alternatives and their financial impact.
- Abatement projects have reduced untreated discharges in all of the CSO Communities. A number of communities have eliminated their CSO discharges and are no longer licensed to discharge untreated combined sewage during wet weather.
- Statewide, CSO Communities report that they have invested a total of \$375.6 million in CSO abatement (\$26.0 million in 2010) and anticipate the CSO needs for the next five years to be \$141.3 million. Beyond that, the expected need to bring them into compliance with the CSO Control Policy is an additional \$300+ million.

## **WHERE ARE WE NOW? – 2010 STATUS**

- 1) Maine started 2010 with 33 CSO Communities and finished the year with 32. The City of Rockland, which is responsible for Rockland's sewer system, completed its CSO abatement program and will not be re-licensed as a CSO Community in 2011. A complete listing of Maine's CSO Communities, their number of CSO outfalls and the outfall receiving waters is listed on page 12.
- 2) The volume of combined sewage discharged statewide in 2010 was reported at 2.00 billion gallons. The table in Appendix H, Maine CSO Community Flow Data, contains a historic listing of the yearly overflows from each CSO Community. The 2010 CSO Flow Comparison pie chart on page 15 and the 2010 CSO Flow Comparison by Community bar chart in Appendix J are graphical comparisons of the overflow volumes between the CSO Communities.
- 3) In 2010, the CSO Communities reported a total of 606 overflow events. This total is arrived at by summing the number of days that each CSO Community experienced an overflow event. An overflow event is any calendar day in which one or more CSOs within a community discharge. The table in Appendix I, Maine CSO Community Annual Number of CSO Discharge Events, contains a historic listing of the annual number of CSO discharge events for each CSO Community.
- 4) Twenty-eight (28) of the 32 CSO Communities reported experiencing at least one combined sewer overflow discharge in 2010, while five (5) reported no overflows.
- 5) In 2010, twelve (12) of the communities reported discharging less in 2010 than in 2009, fifteen (15) reported discharging more, while three (3) reported no change with a zero discharge. The maximum number of days that overflow events were reported from a single community was 79. The average (mean) number of discharge events for all of the communities was 18 and the median was 12. Additional information is given in the table in Appendix J.
- 6) The volume and frequency of CSO discharges varies from one wet weather event to another based on existing groundwater conditions, frozen or thawed ground, snowmelt, and rainfall volume, duration, and intensity. To evaluate abatement progress it is best to look for an overall trend in reduction, versus trends from year to year. The chart on page 13, Combined Sewer Overflow Volume Discharged, illustrates an overall downward trend in the CSO volumes being discharged annually. Since 1989, the volume of combined sewage discharged has decreased by approximately 60 - 70%. This is stated as a range because of the correlation of overflow volumes to variations in annual weather patterns.
- 7) Similarly, the chart on page 13, Combined Sewer Overflow Annual Number of Discharge Events, shows a downward trend in the number of overflow days per year. Since 1989, the number of overflow days has decreased by approximately 55 - 65%, once again stated as a range.

- 8) In 2010 Maine CSO Communities reduced the total number of CSO discharge locations by seven (7), down from 171 to 164. Reductions were in the communities of: Augusta – Greater Augusta Utility District (1), Brewer (1), Lewiston (2), Portland (2), Saco (1), and the removal of Rockland (2) from the CSO Program. There were nine discharge points removed, however, two new CSO discharge locations were added this year – one in Lewiston and one in Winslow, which were previously unknown. The chart on page 13, Maine – Statewide Number of Combined Sewer Overflow Outfalls, shows a 50% reduction in the number of CSO outfalls since 1989.
- 9) Trying to compare CSO abatement progress from year to year is difficult because of the number of conditions that influence the volume and frequency of overflows, not the least of which is yearly precipitation patterns. To partially compensate for the fluctuation in yearly precipitation patterns, the total volume of combined sewage discharged has been unitized by taking into consideration the average annual precipitation amount for the CSO communities. The average annual precipitation amount for all of the communities was calculated by applying a weighted precipitation amount, based on their percentage of the total statewide overflow volume, to each community’s annual precipitation amount and then summing the total. The chart on page 14, CSO Annual Volume Discharged Per Inch of Precipitation, illustrates this and shows a continual downward trend in the volume of combined sewage discharged per inch of annual precipitation. Since 1989, overflow volumes have decreased from approximately 149 million gallons per inch of precipitation to 35 - 40 million gallons per inch of precipitation, 40 million in 2010. Although this type of analysis is rough, it is a good indicator of the CSO abatement progress that is being made.
- 10) The average annual precipitation for all of Maine’s CSO Communities is approximately 45 inches. In 2010, the annual precipitation for the CSO Communities varied significantly from 30 - 65 inches. CSO Communities in northern and central Maine experienced normal or slightly below normal precipitation (down as much as 30%) while areas of coastal Maine experienced higher than normal precipitation amounts (up as much as 45%). The Yearly CSO Volumes and Precipitation chart on page 14 shows a comparison between annual CSO volumes and yearly precipitation. The graph shows that CSO volumes tend to follow the yearly ups and downs in precipitation levels. The chart shows a widening gap between the yearly precipitation amount and the yearly volume of combined sewage discharged. This widening gap clearly indicates that the CSO abatement is being accomplished and that overflow volumes are becoming less influenced by precipitation events.
- 11) 2010 was another above average precipitation year (50”), but was less than the previous year’s weighted average of 54”. As a result of ongoing CSO abatement work and lower precipitation amounts, the statewide volume of CSO discharges decreased by 54 million gallons or 2.6%, from 2.058 to 2.004 billion gallons in 2010.
- 12) The CSOs from the City of Portland and Portland Water District in Portland comprised approximately 39% of the State’s total overflow volume in 2010; see the CSO Flow Comparison Pie Chart on page 15. Given the large impact that Portland’s data has on the State’s total, it might be prudent to look at the rest of the state without utilizing Portland’s data. After removing Portland’s overflow data from the state total, the overflow volume for the remaining CSO Communities increased by 3.25% from 2009 to 2010, 1.18 to 1.22 billion gallons respectively.

- 13) In 2010, the top twelve (12) dischargers accounted for approximately 98% of the total volume of combined sewage discharged in the State, while the remaining sixteen (16) communities that discharged accounted for 2%. See the CSO Flow Comparison Pie Chart on page 15.
- 14) Abatement of CSOs is a costly endeavor. To date Maine CSO Communities have reported expending \$375.6 million implementing their CSO abatement projects. In the 2010 Annual CSO Progress Reports submitted to the State, these communities reported expending \$26.0 million on abatement work in 2010. It is estimated that the future needs of these communities to complete their CSO abatement plans totals \$300+ million, in 2010 dollars.
- 15) CSO abatement progress can not be measured solely by comparing the volumes discharged from one year to the next. The reason is that the volume discharged is influenced by variations in precipitation amount, intensity and timing, the rate of snow melt, frozen or thawed ground, and existing groundwater levels. Even given the same annual precipitation, no two years would result in the same volume of CSO discharges.
- 16) The relationship between the annual precipitation and the annual volume of combined sewage discharged is not linear. As a general rule, as precipitation levels increase, the volume of combined sewage discharged also increases per inch of precipitation. Simply put, once the capacity of the combined sewer system is reached, any additional rainfall or snowmelt overflows the already inundated system.
- 17) Different wet weather conditions and precipitation patterns also affect individual CSO Communities differently. This is due mostly to the make up of the sewer system, the number of catch basins connected, the area of impermeable surface, and the specific hydraulic restriction(s) causing the overflows, to name just a few. The overflows in some communities are more susceptible or responsive to intense summer storms, while in other communities it might be high ground water. Direct comparisons between various communities should not be made.
- 18) It is well established that CSOs can and do have impacts on beach and shellfish closures. Stating that a specific CSO event or series of events is responsible for a specific closure is more difficult and will not be attempted in this report. In some areas there are a number of other factors that might enter into a beach or shellfishing area being closed. These are, but not necessarily limited to, urban storm water runoff, malfunctioning septic systems, domestic and non-domestic animal waste, agricultural runoff, and bathers, to name just a few. What is assessed in the Annual Reports is which beach and shellfishing areas may be impacted by the CSOs.

In 2010, five (5) CSO Communities listed ten (10) beach areas that could be impacted by their CSO discharges. They were: Bar Harbor (Town Beach off Town Pier & Hulls Cove); Biddeford (Hills Beach, Biddeford Pool & Camp Ellis); Cape Elizabeth (Cliff House Beach, Casino Beach & Fort Williams Park); Portland (East End Beach); and South Portland (Willard Beach). In 2010, the following beach closures or advisories were reported at several of the beaches, though not specifically identified as being caused by CSO activity (Bar Harbor – Town Beach, 1 advisory; Bar Harbor – Hulls Cove, 1 advisory; Portland – East End, 4 closures, 5 advisories; South Portland – Willard Beach, 7 advisories).

In 2010, five (5) CSO Communities listed shellfishing areas that were closed in their area (Bar Harbor, Calais, Machias, Portland and South Portland). Three (3) of these communities (Bar Harbor, Machias and Portland) reported that the closures were caused in whole or in part by CSO activity.

- 19) The chart on page 16 titled 2010 CSO Watershed Flows, shows a graphical representation of the CSO volume discharged by watershed. In 2010, Casco Bay received approximately 42% of the statewide CSO volume discharged, followed by Penobscot River at 31%, the Androscoggin River at 15%, the Saco River at 6%, the Kennebec River at 4%, and the St. Croix River at 1.5%. Discharges to the St. John River, Frenchman Bay, the Machias River, and Penobscot Bay account for the remaining 0.5 - 1% of combined sewer overflow volume. The Table on page 17 – CSO Annual Watershed Flows, shows the actual CSO volumes by discharger associated with the individual watersheds for 2010 as well as for the previous four years.



**MAINE – COMBINED SEWER OVERFLOW (CSO)  
COMMUNITY LIST  
(AS OF DECEMBER 31, 2010)**

COMMUNITY/PERMITTEE	CSOs	NUMBER OF CSOs & RECEIVING WATER
1. <b>Auburn Sewerage District</b> .....	3	3-ANDROSCOGGIN RV.
2. Bangor .....	7	3-KENDUSKEAG STR., 4-PENOBSCOT RV.
3. <b>Bar Harbor (HULLS COVE)</b> .....	1	1-FRENCHMAN BAY
4. <b>Bar Harbor (MAIN PLANT)</b> .....	3	2-FRENCHMAN BAY, 1-EDDIE BROOK
5. Bath .....	4	4-KENNEBEC RV.
6. Belfast.....	2	2-PASSAGASSAWAKEAG RIVER/BELFAST HARBOR
7. Biddeford.....	10	9-SACO RV., 1-THATCHER BK.
8. Brewer .....	5	4-PENOBSCOT RIVER, 1-SEDGEUNKENDUNK STR.
9. Bucksport.....	1	1-PENOBSCOT RV.
10. Calais .....	5	4-ST. CROIX RV., 1-LANDING BROOK
11. <b>Cape Elizabeth – OTTAWA ROAD PS</b> (CO-PERMITTEES - SO. PORTLAND, PWD, & CAPE ELIZ.)	1	1-ATLANTIC OCEAN
12. <b>Fairfield</b> .....	2	2-KENNEBEC RV.
13. Gardiner.....	1	1-KENNEBEC RV.
14. <b>Greater Augusta Utility District (GAUD) (INCLUDES HALLOWELL SANITARY SEWERS &amp; CSO)</b> .....	22	4-BOND BK., 1-KENNEDY BK., 16-KENNEBEC RV., 1-WHITNEY BK.
15. <b>Hampden</b> .....	1	1-SOUADABSCOOK STR.
16. Kennebec Sanitary Treatment DISTRICT (KSTD)	3	3-KENNEBEC RV.
17. <b>Lewiston</b> .....	20	8-ANDROSCOGGIN RV., 1-GULLY BK., 1-HART BK., 10-JEPSON BK.
18. <b>Lewiston-Auburn WATER POLLUTION CONTROL AUTHORITY (LAWPCA)</b> .....	1	1-ANDROSCOGGIN RV.
19. Machias.....	2	2-MACHIAS RV.
20. Madawaska .....	2	2-ST. JOHN RV.
21. Mechanic Falls Sanitary District.....	3	3-LITTLE ANDROSCOGGIN RV.
22. <b>Milford</b> .....	1	1-PENOBSCOT RV.
23. Old Town.....	3	2-PENOBSCOT RV., 1-STILLWATER RV.
24. Orono.....	1	1-PENOBSCOT RV.
25. Paris UD .....	1	1-LITTLE ANDROSCOGGIN RV.
26. <b>Portland – CITY</b> .....	11	6-BACK COVE, 2-CAPISIC BK., 2-PORTLAND HARBOR., 1-NASON BK. (MARSH)
27. <b>Portland – Portland Water District (PWD)</b> .....	21	9-BACK COVE, 3-CASCO BAY, 7-FORE RV., 2- PORTLAND HARBOR
28. <b>Randolph</b> .....	1	1-KENNEBEC RV.
29. Saco .....	4	1-BEAR BK., 3-SACO RV.
30. Sanford Sanitary District.....	1	1-MOUSAM RV.
31. Skowhegan.....	7	7-KENNEBEC RV.
32. South Portland.....	6	1-BARBERRY CK., 1-FORE RV., 1-CALVERY POND., 2-PORTLAND HBR., 1-LONG CREEK
33. Westbrook.....	5	5-PRESUMSCOT RV.
34. <b>Winslow</b> .....	2	2-SEBASTICOOK RV.
35. Winterport Sewerage District.....	1	1-PENOBSCOT RV.
TOTAL CSOs	164	

35 CSO Permits, permitting 32 CSO Towns/Cities

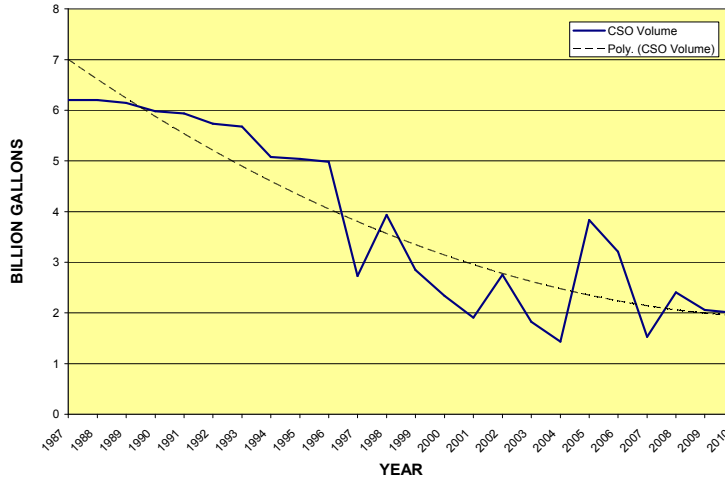
**Two or more permits in one CSO Town/City**

**Two CSO Towns/Cities covered in one permit**

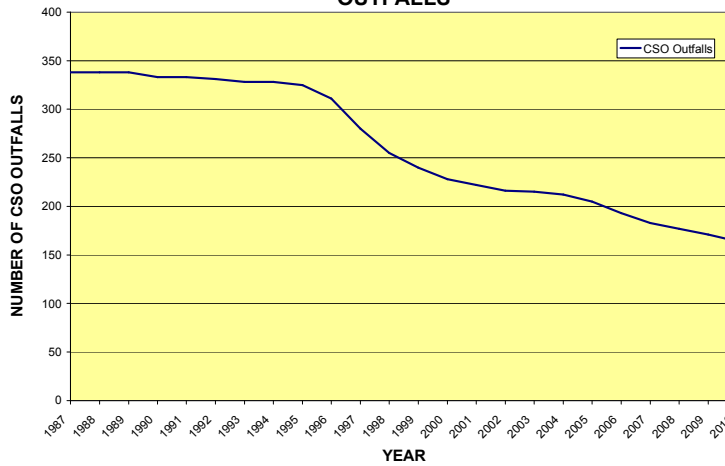
**Bold** = 10 communities with sewer system only. Sewers discharge to a POTW controlled by another entity



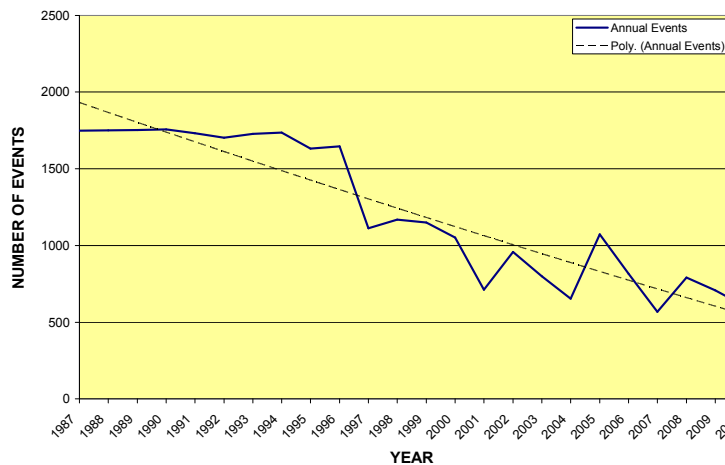
**MAINE - STATEWIDE  
COMBINED SEWER OVERFLOW (CSO)  
VOLUME DISCHARGED**



**MAINE - STATEWIDE  
NUMBER OF  
COMBINED SEWER OVERFLOW (CSO)  
OUTFALLS**

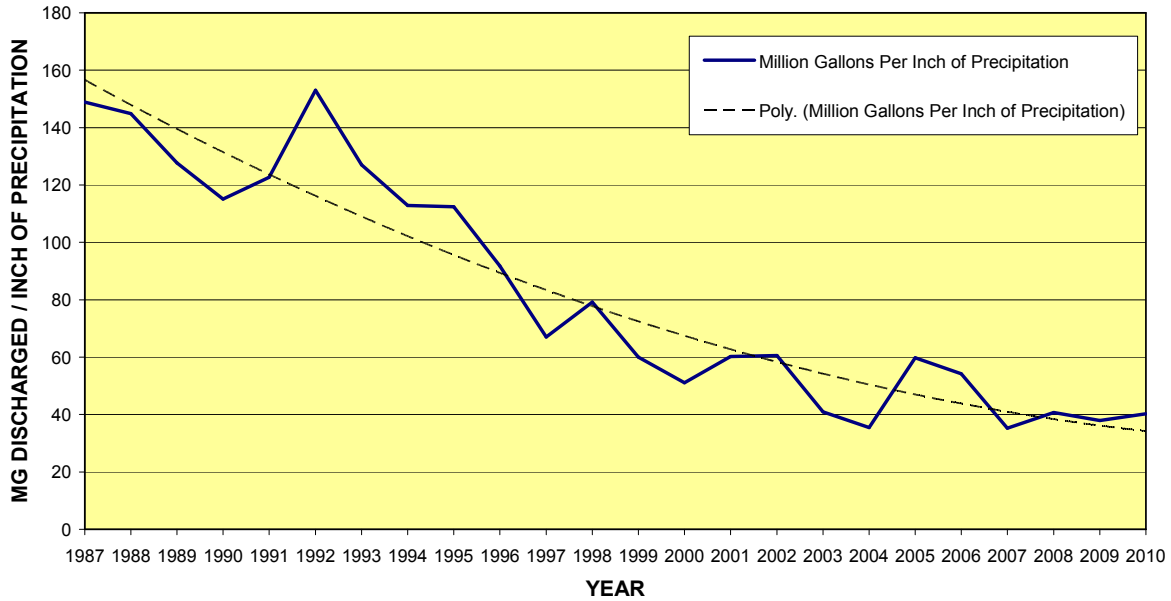


**MAINE - STATEWIDE  
COMBINED SEWER OVERFLOW (CSO)  
ANNUAL NUMBER OF DISCHARGE EVENTS**

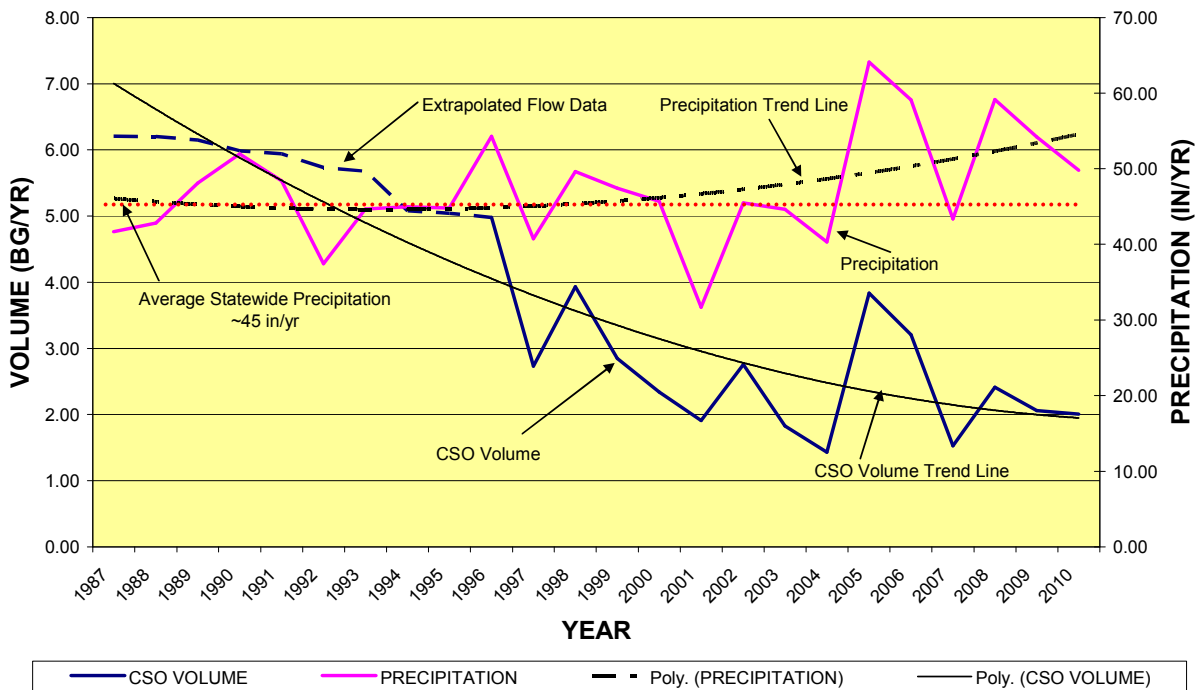




## MAINE COMBINED SEWER OVERFLOWS ANNUAL VOLUME DISCHARGED PER INCH OF PRECIPITATION

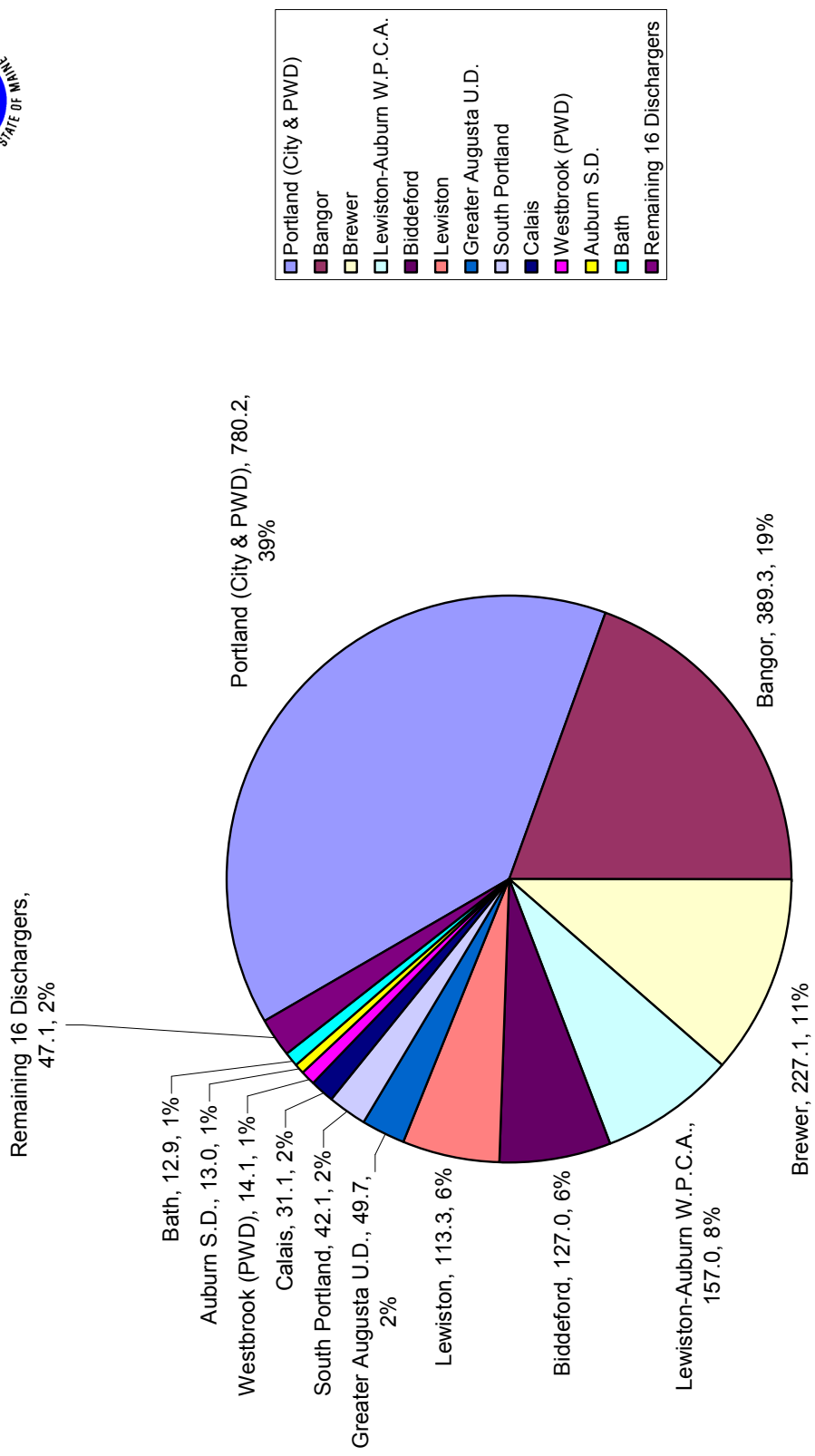


## MAINE YEARLY CSO VOLUMES AND PRECIPITATION





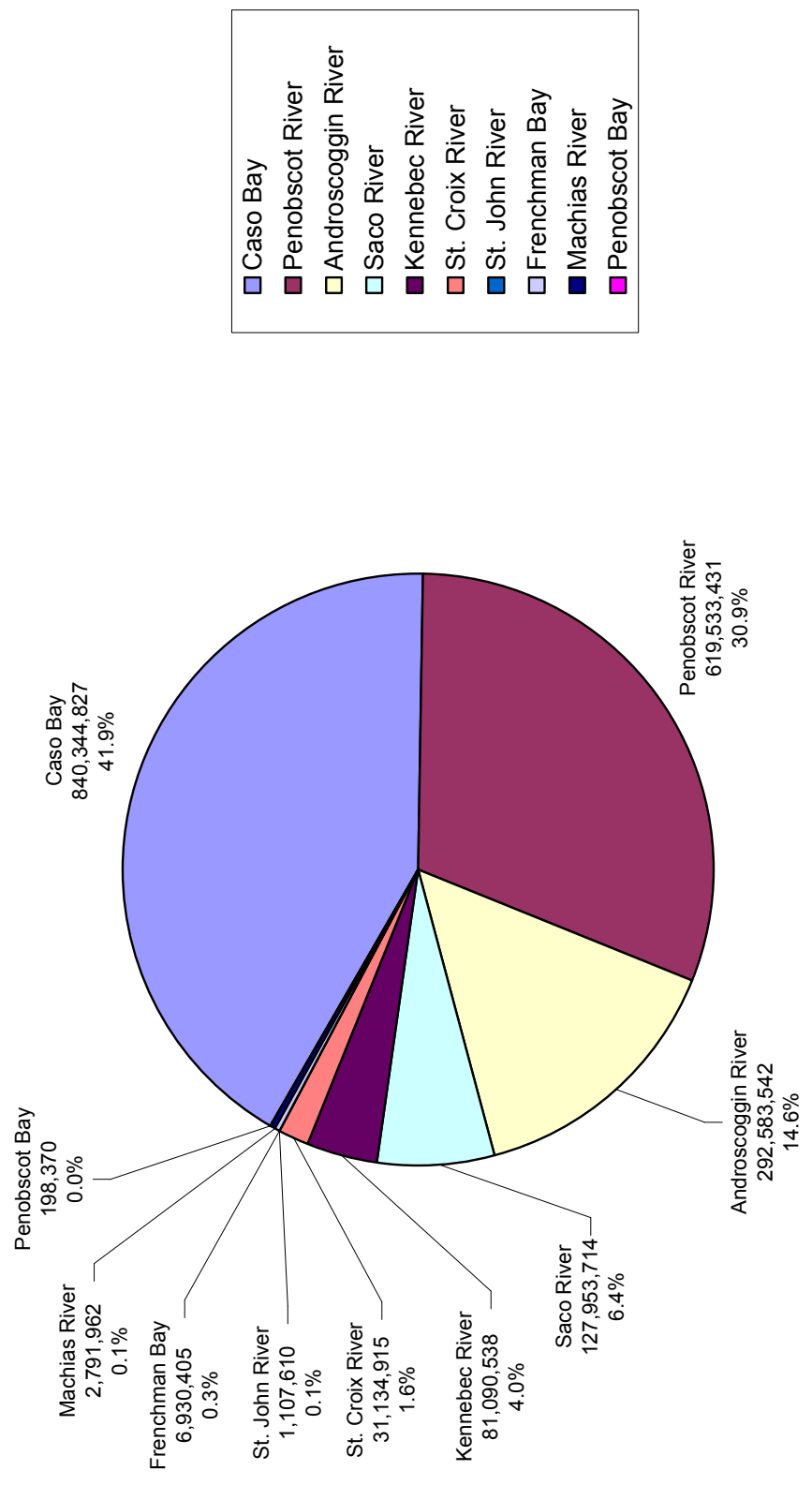
**2010 CSO FLOW COMPARISON  
32 CSO COMMUNITIES  
28 DISCHARGERS - 2.00 BILLION GALLONS**



**Discharger, Overflow in Million Gallons (MG), Percent of Total**



# 2010 CSO Watershed Flows 2.00 Billion Gallons



**Discharger, Overflow in Million Gallons (MG), Percent of Total**

# Maine CSO Annual Watershed Flows

	Community	Annual CSO Flows (Gallons)				
		2006	2007	2008	2009	2010
Androscoggin River	Auburn SD	28,936,137	23,622,547	23,984,272	19,440,841	12,952,500
	Lewiston-Auburn WPCA	265,521,000	142,286,000	292,244,000	207,794,000	156,986,000
	Lewiston	159,807,018	90,983,189	152,039,341	116,557,656	113,285,042
	Mechanic Falls SD	9,419,000	11,853,000	11,223,600	6,231,000	9,250,000
	Paris UD	173,500	206,000	84,000	0	110,000
	<b>Sub Total</b>	<b>463,856,655</b>	<b>268,950,736</b>	<b>479,575,213</b>	<b>350,023,497</b>	<b>292,583,542</b>
Casco Bay	Cape Elizabeth	5,365,000	3,254,000	2,567,000	3,527,000	3,955,292
	Portland-City & PWD	1,816,525,856	589,203,712	883,105,087	872,751,281	780,188,153
	South Portland	26,118,706	15,727,553	12,883,433	12,183,196	42,095,393
	Westbrook	40,636,729	15,879,000	7,379,066	7,069,280	14,105,989
	<b>Sub Total</b>	<b>1,888,646,291</b>	<b>624,064,265</b>	<b>905,934,586</b>	<b>895,530,757</b>	<b>840,344,827</b>
Frenchman Bay	Bar Harbor	5,102,820	8,719,436	12,601,889	11,935,337	6,930,405
	<b>Sub Total</b>	<b>5,102,820</b>	<b>8,719,436</b>	<b>12,601,889</b>	<b>11,935,337</b>	<b>6,930,405</b>
Kennebec River	Augusta SD	14,539,424	10,000,000	48,965,215	15,723,000	49,670,000
	Bath	36,105,688	20,783,335	24,383,599	11,323,060	12,930,203
	Fairfield	0	0	0	0	0
	Gardiner	10,269,400	2,487,000	5,000,000	1,380,000	10,453,761
	Hallowell WD	150,000	150,000	-	-	-
	Kennebec STD	385,734	1,136,649	2,209,107	0	0
	Randolph	266,256	459,476	1,413,880	488,645	285,719
	Skowhegan	31,314,358	21,596,631	61,963,453	6,073,919	7,550,855
	Winslow	0	725,000	235,000	5,001	200,000
<b>Sub Total</b>	<b>93,030,860</b>	<b>57,338,091</b>	<b>144,170,254</b>	<b>34,993,625</b>	<b>81,090,538</b>	
Machias River	Machias	3,008,025	2,263,720	2,328,905	4,073,938	2,791,962
	<b>Sub Total</b>	<b>3,008,025</b>	<b>2,263,720</b>	<b>2,328,905</b>	<b>4,073,938</b>	<b>2,791,962</b>
Mousam River	Sanford SD	15,000	0	0	0	0
	<b>Sub Total</b>	<b>15,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Penobscot Bay	Belfast	485,451	1,035,392	198,370	198,370	198,370
	Rockland	0	0	0	0	0
	<b>Sub Total</b>	<b>485,451</b>	<b>1,035,392</b>	<b>198,370</b>	<b>198,370</b>	<b>198,370</b>
Penobscot River	Bangor	272,750,000	150,580,000	378,640,000	347,360,000	389,300,000
	Brewer	247,538,580	231,283,607	289,560,294	229,270,683	227,139,515
	Bucksport	5,546,501	20,000	0	0	0
	Dover-Foxcroft	0	0	0	0	0
	East Millinocket	0	0	0	0	0
	Hampden	0	85,000	0	500,000	500,000
	Milford	211,070	0	88,365	66,285	52,006
	Milo WD	0	501,000	750	0	0
	Old Town	321,105	770,699	254,967	0	125,000
	Orono	1,314,000	7,360,000	4,820,000	371,471	2,416,910
	Winterport SD	0	102,000	252,000	18,000	0
	<b>Sub Total</b>	<b>527,681,256</b>	<b>390,702,306</b>	<b>673,616,376</b>	<b>577,586,439</b>	<b>619,533,431</b>
Saco River	Biddeford	163,423,532	150,304,402	147,313,000	146,452,750	127,029,700
	Saco	38,451,182	1,950,000	100,000	27,015	924,014
	<b>Sub Total</b>	<b>201,874,714</b>	<b>152,254,402</b>	<b>147,413,000</b>	<b>146,479,765</b>	<b>127,953,714</b>
St. Croix River	Calais	20,409,850	22,060,520	18,989,779	21,263,750	31,134,915
	<b>Sub Total</b>	<b>20,409,850</b>	<b>22,060,520</b>	<b>18,989,779</b>	<b>21,263,750</b>	<b>31,134,915</b>
St. John River	Madawaska	3,700,002	2,667,765	24,194,225	15,800,000	1,107,610
	<b>Sub Total</b>	<b>3,700,002</b>	<b>2,667,765</b>	<b>24,194,225</b>	<b>15,800,000</b>	<b>1,107,610</b>
<b>Total Annual Flow</b>		<b>3,207,810,924</b>	<b>1,530,056,633</b>	<b>2,409,022,597</b>	<b>2,057,885,478</b>	<b>2,003,669,314</b>

## **LICENSING STATUS OF POINT SOURCE DISCHARGES**

38 M.R.S.A. § 413(1) states, “No person may directly or indirectly discharge or cause to be discharged any pollutant without first obtaining a license therefore from the department.”

The discharge license establishes limits for the type and amount of pollutants that can be discharged and monitoring and reporting requirements. The DEP can not issue a discharge license unless it finds that water quality will be protected.

On January 12, 2001, Maine received partial authorization from the EPA to implement the National Pollutant Discharge Elimination System (NPDES) Program. EPA withheld its decision on contested areas of the state in the upper Penobscot River watershed and certain areas in the St. Croix River watershed. On October 31, 2003 EPA granted authorization in these contested areas with the exception of two tribal facilities with discharges. The decision to withhold authority for the two tribal facilities was appealed by the State and overturned by the United States Court of Appeals for the First Circuit on August 8, 2007. With this decision the DEP is now the primary authority for administering the Clean Water Act NPDES program in Maine.

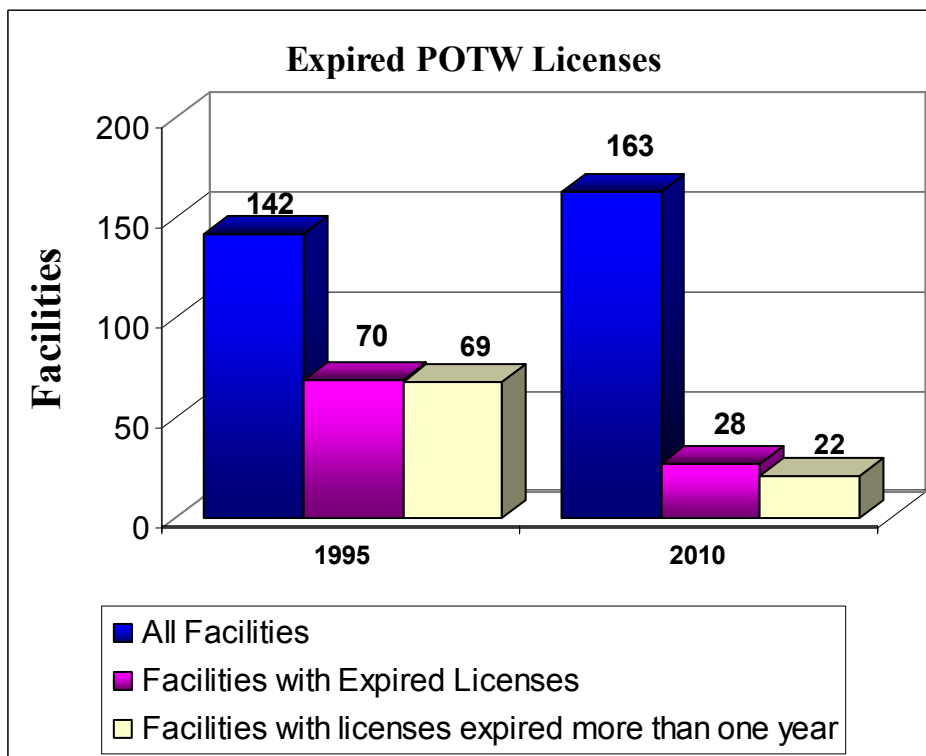
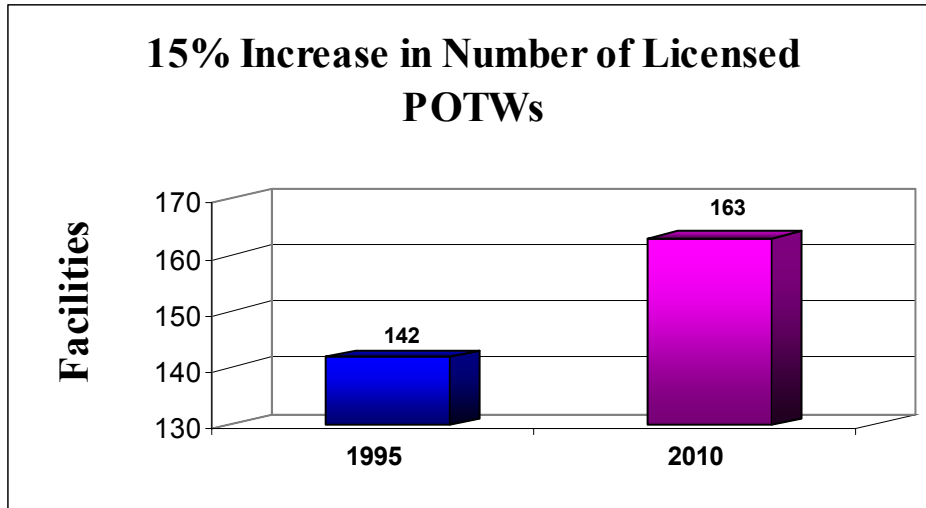
Due to historic understaffing in the DEP’s waste discharge licensing program, a backlog of expired license applications developed in the 1990’s resulting in numerous discharges operating under expired discharge licenses. As part of the NPDES delegation process, licensing staff was increased and an aggressive schedule was established to reduce the expired license backlog to no more than 5%. In calendar year 2004, the DEP achieved this 5% goal and had 95% of all licensed facilities operating with current licenses. This status has essentially been maintained through calendar year 2010.

Appendices A, B, and C indicate the license status of all discharges by category and location.

The charts on the following pages provide additional information on the licensing status of discharges.

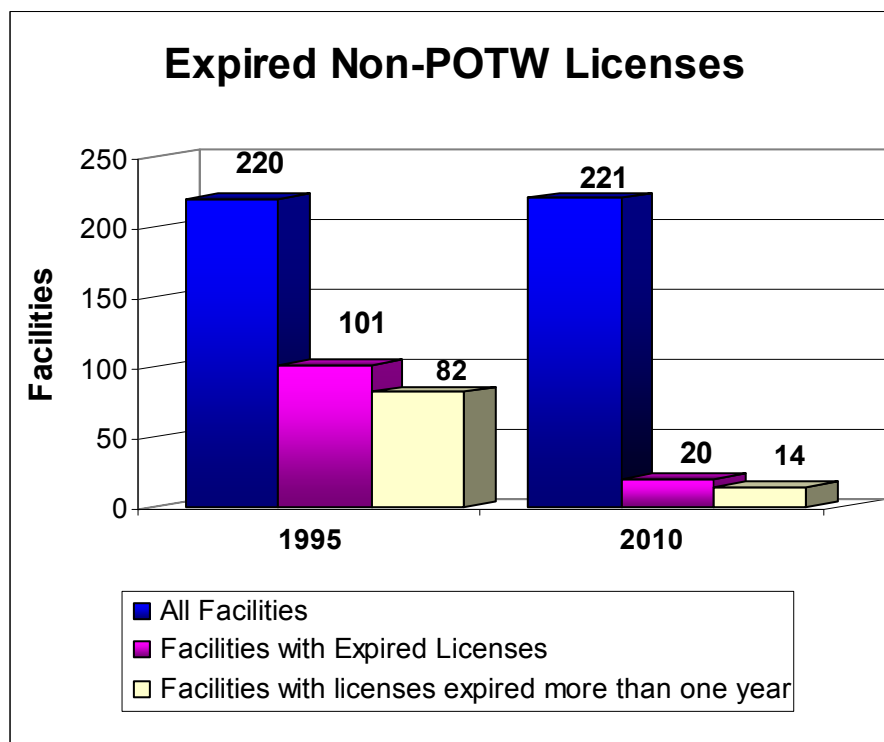
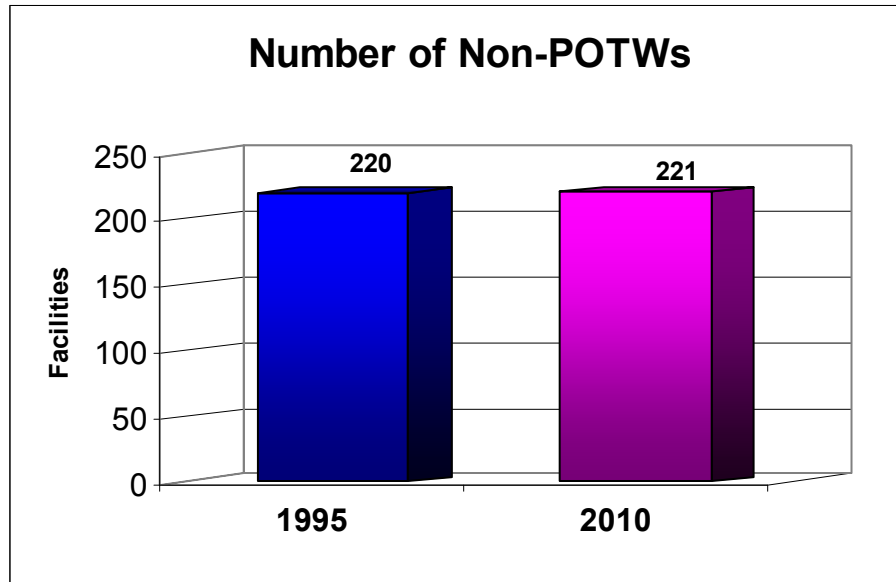
## LICENSING STATUS OF POINT SOURCE DISCHARGES

The following 2 charts indicate changes in the number of licensed POTWs and their licensing status in 1995 and 2010.



## LICENSING STATUS OF POINT SOURCE DISCHARGES

The following 2 charts indicate changes in the number of licensed Non POTWs and their licensing status in 1995 and 2010.





## **COMPLIANCE STATUS OF POINT SOURCE DISCHARGES**

The DEP tracks compliance with license requirements through facility inspections and review of facility monitoring data. Facilities are required to report the results of the monitoring required by the discharge license to the DEP on a monthly basis in discharge monitoring reports (DMRs).

The DEP utilizes a variety of tools to ensure compliance at licensed facilities including voluntary compliance, education and outreach, technical assistance, licensing, facility inspections, and enforcement actions.

For the purposes of this report all licensed wastewater discharges have been designated with a compliance status of either *Substantial Compliance*, *Significant Non Compliance (SNC)*, or *Exceptions List (EL)* for the calendar year 2010. They are defined as follows:

**Substantial Compliance:** A facility in substantial compliance will have had no violations of its wastewater license, or violations that did not exceed SNC or EL criteria.

**Significant Non Compliance (SNC):** A facility in SNC will have had two large violations, or four of any size violations, for a given parameter in a six-month period. A large violation is a *conventional pollutant* violation that exceeds its permit limit by 40% or more, or a *toxic pollutant* violation that exceeds its permit limit by 20% or more. Conventional pollutants are pollutants typical of municipal sewage, and for which secondary treatment plants are designed to treat. They are biochemical oxygen demand (BOD), total suspended solids (TSS), fecal coliform bacteria, oil and grease, and pH. Toxic pollutants are pollutants that may cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunctions, or physical deformations. Toxic pollutants include certain metals and organic chemicals.

**Exceptions List (EL):** A facility is placed on the EL if a facility already in SNC qualifies for SNC again in the next quarter.

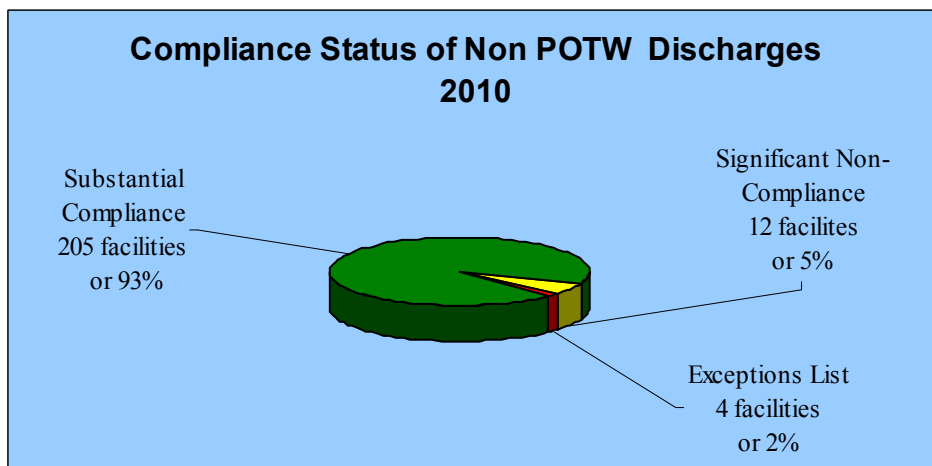
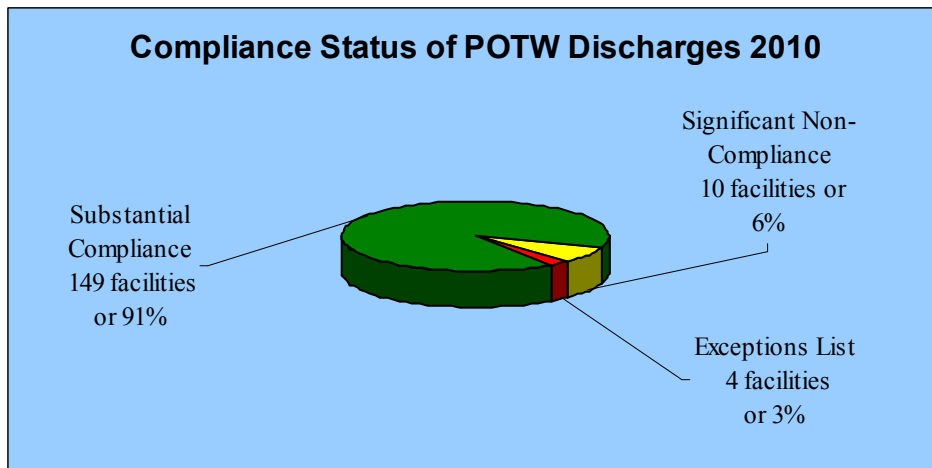
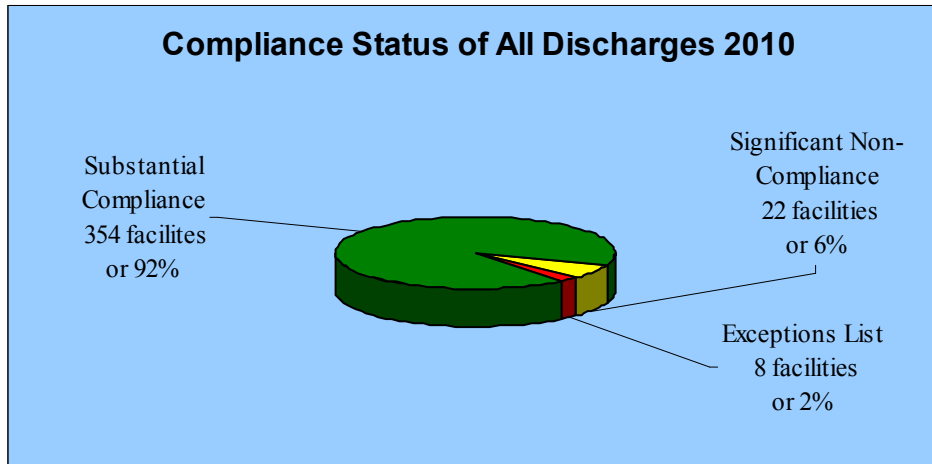
SNC and EL are compliance status criteria developed by the EPA and utilized by the DEP to track compliance. For the purposes of this report and routine compliance assessments, the DEP has chosen to include all permit limits as potential SNC and EL criteria. EPA uses a more abbreviated list.

Appendices A and B indicate the compliance status of all point source discharges by category and location.

Appendices D and E provide non-compliance summaries for point source discharges in EL or SNC.

**COMPLIANCE STATUS OF POINT SOURCE DISCHARGES**

The following 3 charts summarize the compliance status for calendar year 2010 of licensed discharges based on SNC and EL criteria.



## ENVIRONMENTAL PERFORMANCE STATUS OF POINT SOURCE DISCHARGES

It should be noted that the CWA is unique among environmental laws in the amount of data that must be collected and reported by the licensed discharges. Every licensed discharge is required to monitor for a variety of parameters. The number of parameters varies from approximately 30 for large discharges to approximately ten for small discharges. The parameters are monitored at varying frequencies from daily to annually based on a variety of factors. All of this data is submitted to the DEP on a monthly basis. The result is that, just for the 75 Major facilities in any given month there are approximately 16,600 opportunities for an exceedence to be measured.

To illustrate this, the following table indicates the number of violations for BOD and TSS (two common parameters) as a percentage of possible violations per year. This table is based on data from the largest 116 municipal and largest 16 industrial wastewater treatment facilities in Maine.

*BOD* is a measurement of the amount of oxygen utilized by the decomposition of organic material, over a specified time period (usually 5 days) in a wastewater sample; it is used as a measurement of the readily decomposable organic content of a wastewater.

*TSS* is a measure of the filterable solids present in a wastewater sample.

Both BOD and TSS are good indicators of environmental performance of a wastewater treatment facility in terms of removal of oxygen depleting pollutants.

	<b>BOD</b>		<b>TSS</b>	
	Number of Violations	% of possible violations	Number of Violations	% of possible violations
FY 99-00	516	3.00%	279	1.62%
FY 00-01	226	1.32%	243	1.41%
FY 01-02	315	1.81%	117	0.67%
FY 02-03	125	0.72%	111	0.64%
FY 03-04	165	1.26%	238	1.95%
FY 04-05	204	1.33%	394	3.27%
FY 05-06	150	1.19%	154	1.29%
FY 06-07	173	1.38%	206	1.73%
FY 07-08	96	0.64%	103	0.88%
FY 08-09	91	0.54%	61	0.63%
FY 09-10	102 <sup>1</sup>	0.88%	51	0.44%

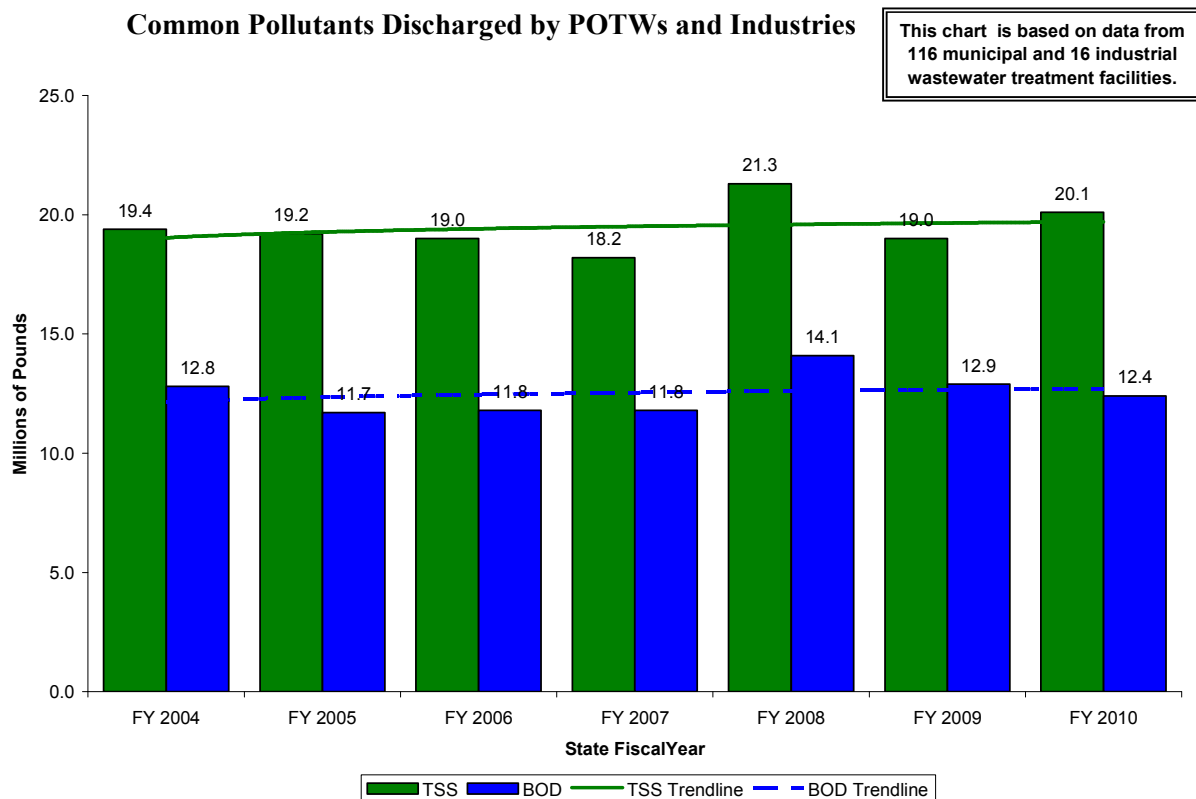
This table indicates that while violations do occur, they are a very small percentage of possible violations and may not be indicative of poor performance or overall compliance.

<sup>1</sup> Of the 102 BOD Violations, 38 violations occurred at two facilities. The type of BOD analysis done at those facilities has been changed and no BOD violations are anticipated in FY 2011

## ENVIRONMENTAL PERFORMANCE STATUS OF POINT SOURCE DISCHARGES

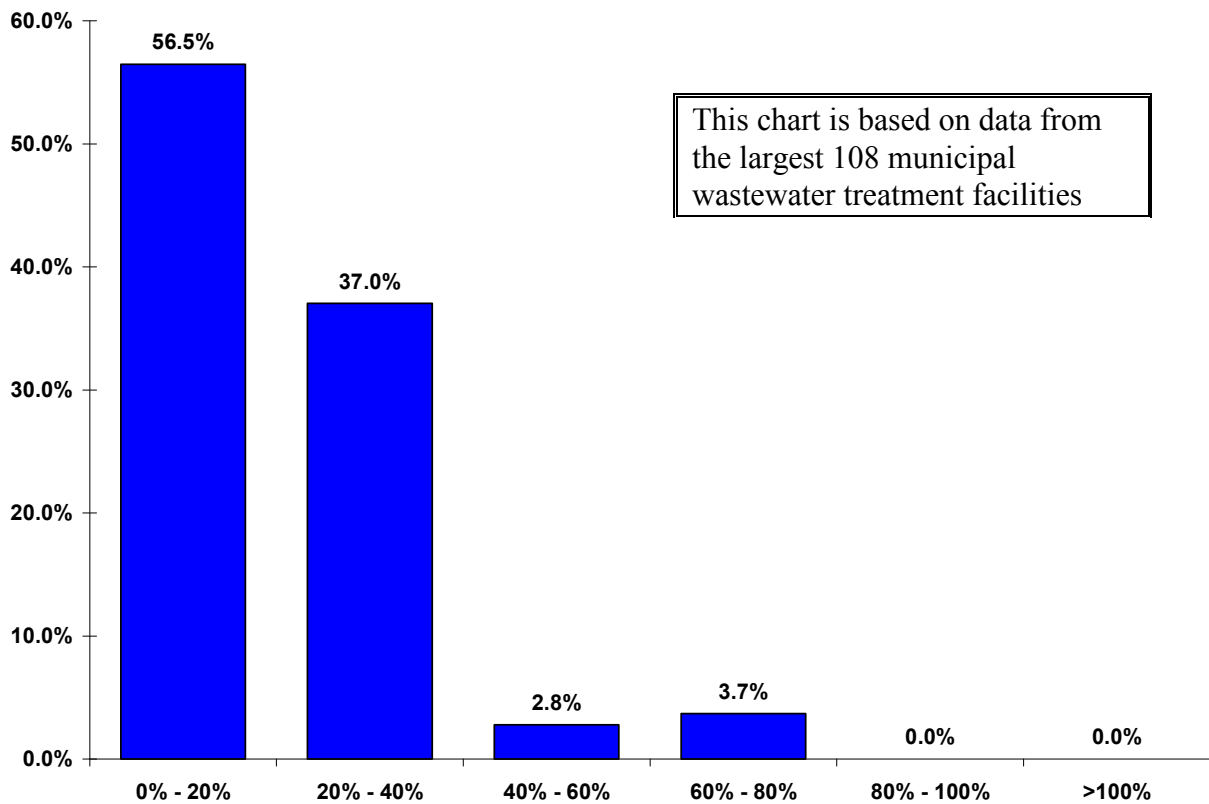
The following three charts indicate discharge trends for *BOD* and *TSS*. This data is included as an indicator of environmental performance of select licensed dischargers for the time period indicated

The chart below illustrates the trend in the discharge of BOD and TSS. The fluctuations of these two parameters can be attributed to the increased level of performance at municipal and industrial wastewater treatment facilities, changes in flows at municipal facilities due to precipitation, changes in production output at some industrial facilities, and the temporary or permanent closure of some industrial facilities.



## ENVIRONMENTAL PERFORMANCE STATUS OF POINT SOURCE DISCHARGES

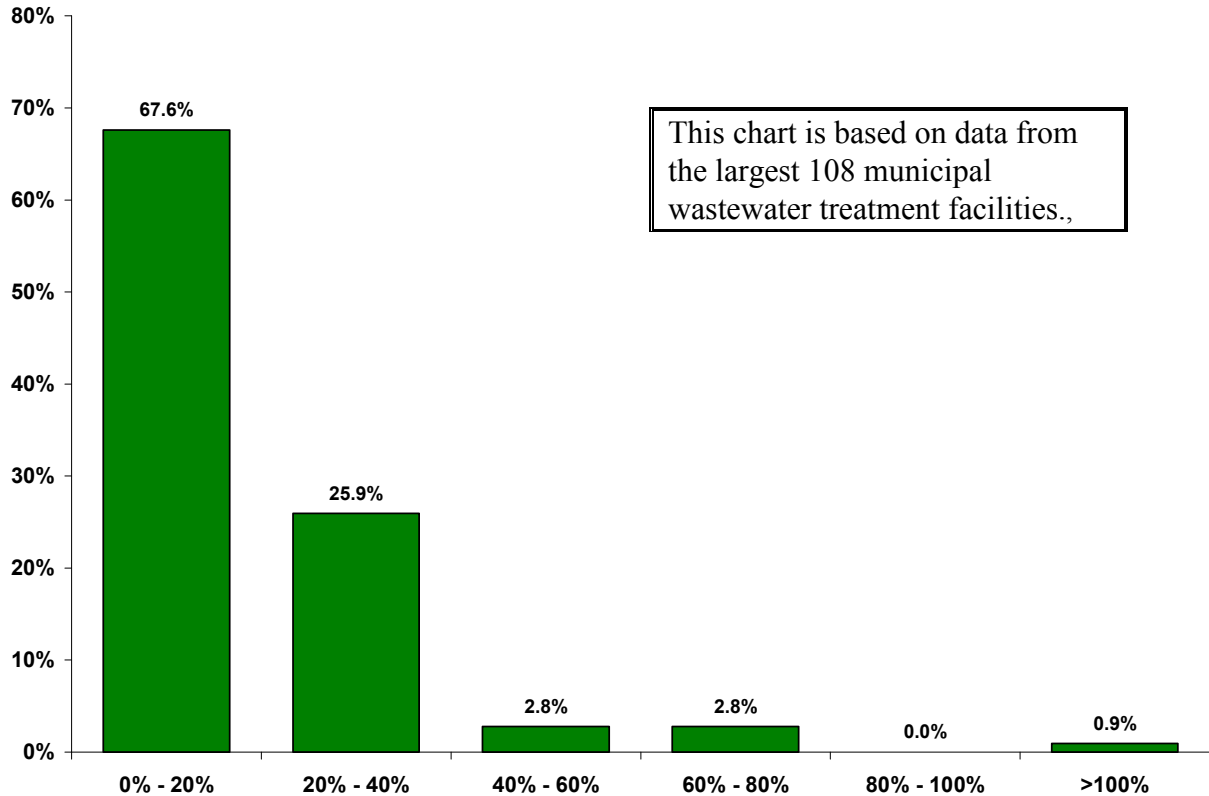
The chart below shows the percentage of municipal wastewater treatment facilities as a function of the percentage of the BOD they are allowed, by permit, to discharge to the waters of the state. The chart indicates that 94 % of the municipal wastewater treatment facilities in Maine discharge less than 40% of the BOD that could be discharged, according to the permits granted to those facilities by the DEP.



**PERCENT OF BOD LICENSE LIMIT DISCHARGED**

**ENVIRONMENTAL PERFORMANCE STATUS OF POINT SOURCE DISCHARGES**

The chart below shows the percentage of municipal wastewater treatment facilities as a function of the percentage of the TSS they are allowed, by permit, to discharge to the waters of the State. The chart indicates that 94 % of the municipal wastewater treatment facilities in Maine discharge less than 40% of the TSS that could be discharged, according to the permits granted to those facilities by the DEP.



**PERCENT OF TSS LICENSE LIMIT DISCHARGED**

## ENFORCEMENT STATUS OF POINT SOURCE DISCHARGES

Enforcement of license requirements is a key element in protecting water quality. While a variety of tools exist for preventing and resolving compliance problems, the DEP may pursue formal, written, and legally binding resolutions to license violations where corrective action and or penalties are appropriate. The DEP's preference in resolving civil enforcement actions is to reach agreements as quickly as possible that: remediate environmental damage, restore natural resources to appropriate conditions, impose penalties that capture any economic benefit gained by the violator, and deter similar action in the future. The DEP uses the following enforcement tools: letter of warning, notice of violation, administrative consent agreement, 80K Actions (civil prosecution in court by certified DEP staff), case referral to the Department of the Attorney General, and enforcement by federal, other state, and local entities. *(It should be noted that the following information is for licensed discharges only. Additional enforcement actions were also taken against a variety of unlicensed entities for violations of water quality laws.)*

<b>ENFORCEMENT TOOLS UTILIZED IN 2010 TO RESPOND TO VIOLATIONS</b>	
<b>ACTIONS</b>	<b>NUMBER</b>
LETTER OF WARNING	13
NOTICE OF VIOLATION	40
CONSENT AGREEMENT*	5
DISTRICT COURT	0
<b>TOTAL</b>	<b>58</b>

<b>*CONSENT AGREEMENTS FINALIZED IN 2010</b>			
<b>NAME</b>	<b>VIOLATIONS</b>	<b>PENALTY</b>	<b>CORRECTIVE ACTIONS/ COMMENTS</b>
1. TOWN OF ANSON	UNLICENSED DISCHARGES	\$1,310	REPORTING REQUIREMENTS IMPOSED
2. TOWN OF BAR HARBOR, HULLS COVE	LICENSE CONDITION VIOLATIONS	\$1,175	ALARM SYSTEM UPGRADE
3. TOWN OF FARMINGTON	LICENSE CONDITION VIOLATIONS	\$1,530	COMPLY WITH SEPTAGE RECEIPT LIMITATIONS AND CONDITIONS
4. INLAND FISHERIES AND WILDLIFE (HATCHERIES)	LICENSE CONDITION VIOLATIONS	\$35,960	UPGRADES AT ALL ACTIVE HATCHERIES/REARING STATIONS. ENTIRE PENALTY SUSPENDED PENDING COMPLETION OF REMEDIAL ACTIONS ON OR BEFORE DEADLINES.
5. ISF TRADING	LICENSE CONDITION VIOLATIONS	\$6,180	OBEY LICENSE CONDITIONS.
		<b>\$46,155</b>	

## **ENFORCEMENT STATUS OF POINT SOURCE DISCHARGES**

In addition, the following cases were referred to enforcement in calendar year 2010. As indicated below, all are under active investigation, administrative consent agreements have been initiated, or the case has been otherwise resolved without enforcement action. Administrative consent agreements are likely to contain monetary penalties and corrective actions.

<b>CASES REFERRED TO ENFORCEMENT IN 2010</b>				
<b>DISCHARGE TYPE</b>	<b>NUMBER OF CASES</b>	<b>UNDER INVESTIGATION</b>	<b>CONSENT AGREEMENT INITIATED</b>	<b>RESOLVED WITHOUT ENFORCEMENT</b>
POTW *	4	2	1	1
NON-POTW	31	12	1	18
<b>TOTAL</b>	<b>35</b>	<b>14</b>	<b>2</b>	<b>19</b>

\* PUBLICLY OWNED TREATMENT WORKS



## **CONSTRUCTION AND FUNDING NEEDS OF POTWS**

The ongoing construction and funding needs of Maine POTWs, or municipal treatment plants, are significant.

Affordable financing is required to stop the continued deterioration of sewers, pump stations and treatment facilities to ensure water quality is maintained and improved. Funding needs are addressed through several sources including limited federal state and tribal assistance grants, limited state grants as approved by voters, Community Development Block Grants, Rural Development loans and grants, and the Clean Water State Revolving Loan Fund (CWSRF).

The CWSRF provides low interest loans to municipalities and quasi-municipal corporations such as sanitary districts for construction of wastewater facilities. The CWSRF is funded by federal capitalization grants from EPA which require state matching funds equal to 20% of the federal grant. State funds typically come from bond issues approved by the voters of the state of Maine. The Maine Municipal Bond Bank (MMBB) is the financial manager of Maine's CWSRF and the Engineering Unit of DEP's Division of Water Quality Management administers the technical aspects of the program and the individual projects funded by it.

The primary purpose of the fund is to, "acquire, design, plan, construct, enlarge, repair or improve publicly-owned sewage systems, sewage treatment plants or to implement related management programs." The long term goal of the CWSRF is to maintain and improve Maine's inventory of municipal sewage facilities in perpetuity. This will ensure preservation of the water quality gains that were realized by the initial construction of these facilities.

- A listing of POTW projects funded by the CWSRF program in FY 2010 is included in Appendix F.
- A listing of long term funding needs of POTWs is included as Appendix G.

## **STATUS OF OVERBOARD DISCHARGES**

Overboard Discharges (OBDs) are treated discharges to surface waters of domestic pollutants that are not conveyed and treated in municipal or quasi-municipal treatment facilities. Typical OBDs include residences, schools, and commercial establishments. There are two sizes: 1) large OBDs, those licensed to discharge >2,000 gallons per day. The large OBDs mostly serve commercial enterprises and schools. The small OBDs mostly serve residential properties. There are two types: 1) sand filter systems that passively treat wastewater by filtering it through sand where it is biologically and physically treated, and 2) mechanical systems that actively treat wastewater through aeration by growing biological treatment (bacteria) colonies, and settling and decanting the treated water. As of December 31, 2010 there were 1,299 approved OBDs in the state located in 111 towns and plantations, a reduction of 34 during the past year. 56% of these discharges are located in eight coastal communities (Boothbay, Boothbay Harbor, Bristol, Georgetown, Harpswell, Southport, South Bristol, and Portland).

Since 1995, the number of approved OBDs has decreased by 846. This decline is due primarily to the OBD licensing and removal program and to public sewer line extensions. During this time, OBDs have been completely removed from the following 55 municipalities: Augusta, Baileyville, Beals, Belfast, Benton, Bridgton, Brooklin, Caribou, Carmel, Charleston, Chelsea, Cumberland, Cushing, East Machias, Eastport, Enfield, Freeport, Gorham, Greenville, Hancock, Harmony, Hollis, Isle Au Haut, Jonesboro, Lewiston, Lubec, Machias, Milbridge, New Gloucester, New Portland, New Vineyard, Norridgewock, Oakfield, Ogunquit, Old Town, Orland, Oxford, Parsonsfield, Passadumkeag, Pembroke, Perry, Poland Springs, Richmond, Rockland, Roques Bluffs, Saco, Sedgwick, South Berwick, South Portland, Stacyville, Sullivan, Topsham, Trenton, Waterville and Wiscasset.

### **OBD License Status**

Currently, 13% of all approved OBDs are operating with an expired license or conditional permit. The backlog of expired licenses is the result of historic staffing shortages and compliance efforts that have reduced the amount of time dedicated to licensing. In 2010 the Department made a focused effort to increase OBD license renewals and reduced the backlog of expired licenses from 67% to 13%.

### **OBD Compliance Status – OBD inspections**

Large OBDs may be inspected at any time of the year, but usually from April through October. Small OBDs – since so many are seasonal residences – are inspected mainly June through August. If non-compliance is discovered during an inspection, the inspector will indicate the problem and specify corrective actions in the inspection report that is left with the system owner. The system owner is then required to correct the problem within two weeks and notify the DEP of the correction. If the system owner fails to correct the non-compliance, the DEP will issue a reminder notice or may issue a letter of warning. If a letter of warning fails to elicit correction and compliance, a notice of violation may be issued to compel the system owner to correct the non-compliance. Those OBDs failing an initial inspection will receive a second inspection and possibly a third or fourth. Follow-up inspections are conducted to determine if reported corrections have actually been accomplished or to encourage and/or educate the licensees on how to achieve compliance with their license terms and conditions.

## STATUS OF OVERBOARD DISCHARGES

### *LARGE AND SMALL OBD INSPECTIONS FOR 2010*

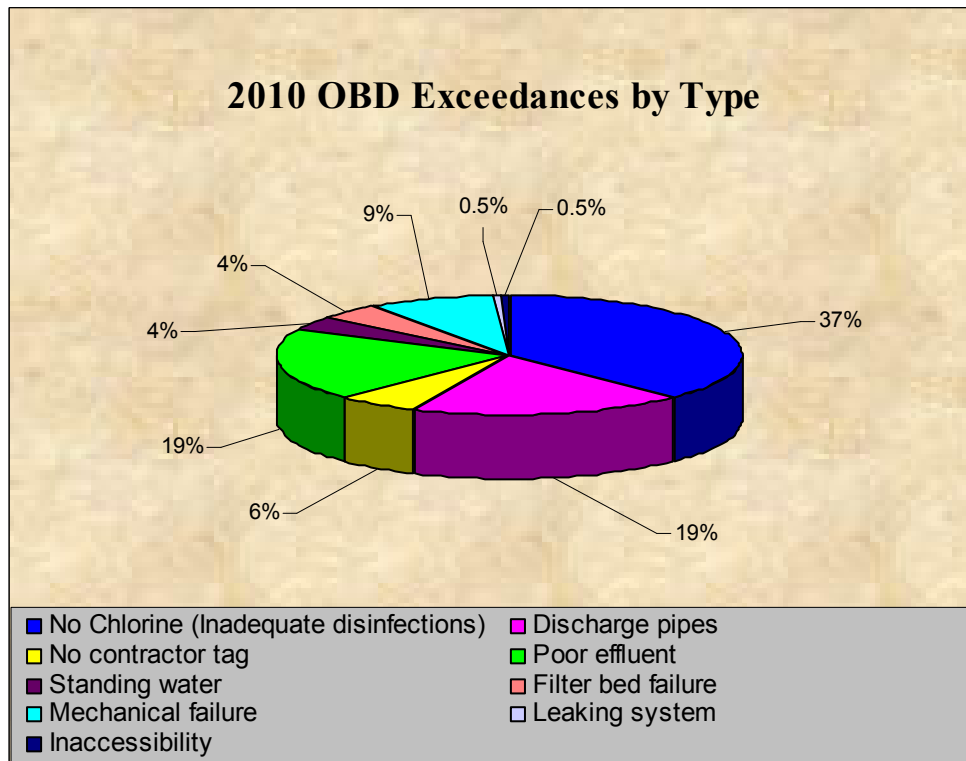
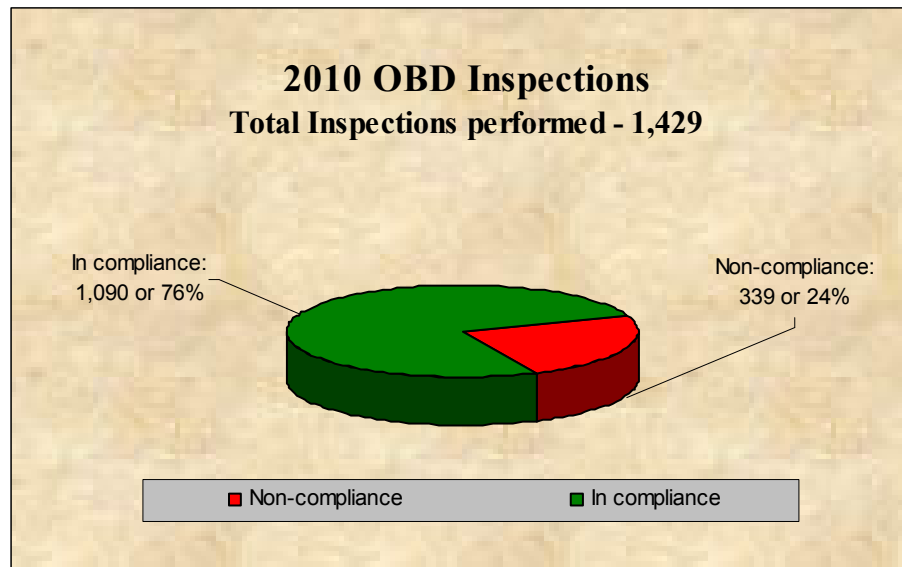
TOTAL NUMBER OF <b>ALL OBD</b> INSPECTIONS IN 2010	<b>1,429</b> Inspections for 1,301 facilities
TOTAL NUMBER OF <b>LARGE OBD</b> INSPECTIONS	<b>50</b> Inspections for 42 facilities
LARGE OBDS INSPECTED ONCE	36
LARGE OBDS INSPECTED TWICE	4
LARGE OBDS INSPECTED THREE TIMES	2
TOTAL NUMBER OF <b>SMALL OBD</b> INSPECTIONS	<b>1,379</b> Inspections for 1,259 facilities
SMALL OBDS INSPECTED ONCE	1,248
SMALL OBDS INSPECTED TWICE	102
SMALL OBDS INSPECTED THREE TIMES	23
SMALL OBDS INSPECTED FOUR TIMES	2

#### **OBD Compliance Status – OBD Inspection Failure**

An OBD may fail an inspection for one or more reasons. The usual causes for failures are: lack of chlorine disinfection tablets or other disinfection failure such as a non functioning ultra-violet disinfection unit; missing, broken or short discharge pipes; poor quality effluent; failure of mechanical and/or electrical system components; a flooded chamber; leaking tanks, chambers, pumps or pipes; system inaccessibility; sand filter bed failure; lack of alarms for mechanical systems; and lack of a service contractor tag on mechanical systems (mechanical systems require servicing by licensed wastewater operators);

## STATUS OF OVERBOARD DISCHARGES

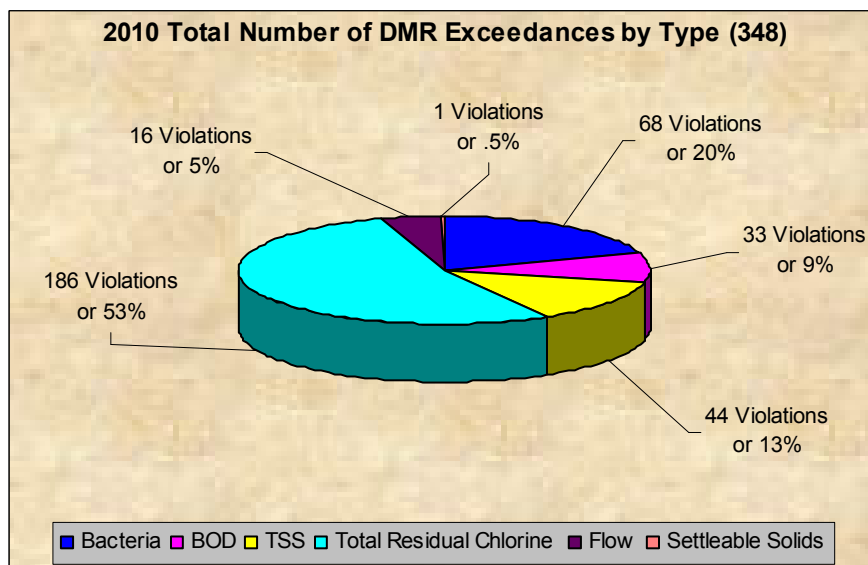
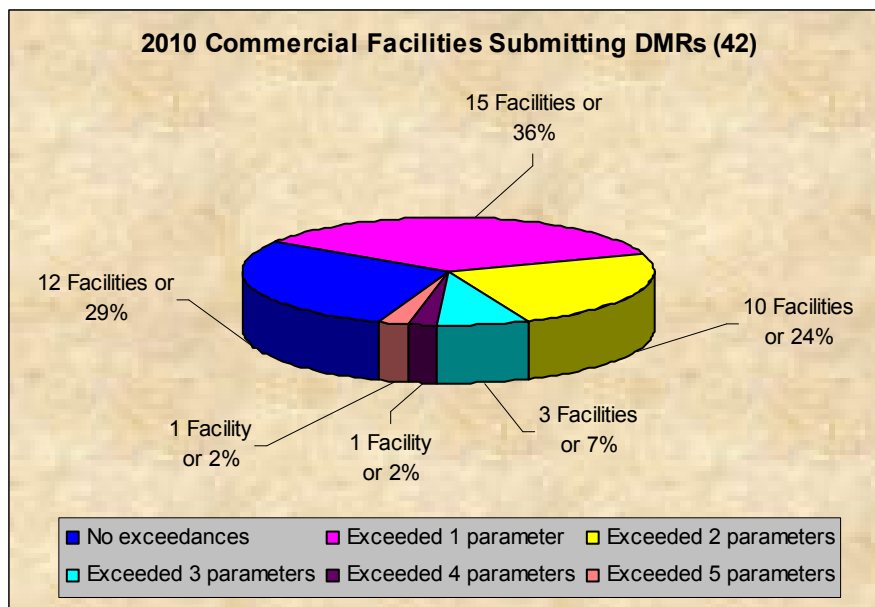
The following two charts indicate compliance status based on 2010 inspections



## STATUS OF OVERBOARD DISCHARGES

### **OBD Compliance Status – Commercial Facilities Discharge Monitoring Reports**

OBDs discharging 2,000 or more gallons per day are required to periodically submit Discharge Monitoring Reports (DMRs) to the DEP. The DMRs indicate the results of effluent monitoring used to determine compliance with effluent limits set in discharge permits. Effluent is sampled and analyzed for seven basic analytical parameters: bacteria, biochemical oxygen demand (BOD<sub>5</sub>) total suspended solids (TSS), discharge flow, settleable solids, total residual chlorine (TRC) and pH. The following two charts indicate the number and type of exceedences for calendar year 2010. When an exceedence is reported to the DEP, the facility is also required to report the cause of the exceedence and the corrective action taken to prevent future occurrences. The DEP follows up with any facility that has not self corrected the cause of an exceedence to ensure the problem is corrected.



**APPROVED OVERBOARD DISCHARGES, BY LOCATION**  
**AS OF JANUARY 14, 2011**

<u>TOWN/CITY</u>	<u>NUMBER</u>	<u>TOWN/CITY</u>	<u>NUMBER</u>
ADDISON	2	CRANBERRY ISLES	10
ALNA	1	CUTLER	2
ARROWSIC	1	DAMARISCOTTA	3
ARUNDEL	6	DEER ISLE	15
BANGOR	2	DRESDEN	2
BAR HARBOR	6	EDDINGTON	3
BATH	9	EDGECOMB	24
BETHEL	1	ELIOT	2
BIDDEFORD	24	ELLSWORTH	1
BLUE HILL	11	EUSTIS	3
BOOTHBAY	128	FAIRFIELD	1
BOOTHBAY HARBOR	60	FALMOUTH	1
BOWDOINHAM	4	FARMINGTON	2
BRADLEY	7	FRANKFORT	2
BREMEN	1	FRENCHBORO	1
BRISTOL	147	FRIENDSHIP	19
BROOKS	1	GEORGETOWN	64
BROOKSVILLE	5	GOULDSBORO	19
BRUNSWICK	1	HAMPDEN	1
BUCKFIELD	7	HARPSWELL	69
BURNHAM	1	HARRINGTON	6
BUXTON	1	INDUSTRY	1
CALAIS	4	ISLEBORO	2
CAMDEN	6	JONESPORT	8
CAPE ELIZABETH	4	KENNEBUNK	4
CASTINE	3	KENNEBUNKPORT	3
CHEBEAGUE ISLAND	1	KITTERY	8
CHERRYFIELD	35	LINCOLNVILLE	2
CHESTERVILLE	1	LONG ISLAND	4
COLUMBIA FALLS	8		

**APPROVED OVERBOARD DISCHARGES, BY LOCATION**  
**AS OF JANUARY 14, 2011**

<u>TOWN/CITY</u>	<u>NUMBER</u>	<u>TOWN/CITY</u>	<u>NUMBER</u>
MACHIASPORT	4	SOUTH THOMASTON	6
MADISON	5	SOUTHPORT	156
MATINICUS ISLAND	1	SOUTHWEST HARBOR	5
MEDWAY	1	ST. GEORGE	34
MONHEGAN	21	STANDISH	1
MONTICELLO	1	STEUBEN	2
MOUNT DESERT	7	STONINGTON	8
NEWCASTLE	1	STRONG	3
NORTH HAVEN	4	SURRY	3
OAKLAND	1	SWANS ISLAND	1
ORRINGTON	3	THOMASTON	2
OWLS HEAD	18	TREMONT	25
PENOBSCOT	1	TRESCOTT	2
PHIPPSBURG	8	TURNER	3
PORTLAND	59	VASSALBORO	2
PRESQUE ISLE	1	VERONA	1
PROSPECT	1	VINALHAVEN	14
ROBBINSTON	1	WARREN	2
ROCKPORT	5	WEST BATH	3
SABATTUS	1	WEST PARIS	4
SCARBOROUGH	2	WESTPORT	12
SEARSPORT	1	WINDHAM	2
SIDNEY	1	WINSLOW	3
SOUTH BRISTOL	50	WINTER HARBOR	7
		WINTERPORT	1
		WOOLWICH	7
		YARMOUTH	12
		YORK	10
		<b>TOTAL</b>	<b>1,299</b>

**APPENDIX A**

**POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2010  
SORTED BY LOCATION**

(SEE KEY TO COLUMN HEADINGS AT THE END OF THE APPENDIX)

Location	License #	Exp. Date	Flow MGD	Type	Major	CSO	Tox	301(H)	Pre	Surf	Sub	Spray	Compliance Status
ANSON (ANSON-MADISON SANITARY DISTRICT)	W-002710	12/21/12	5.000	5M	X		X			X			
ASHLAND	W-002697	03/10/15	0.300	6C			X			X			
AUBURN	W-000685	11/18/15	0.0	5T		X				X			
AUGUSTA (GREATER AUGUSTA UTILITY DIST.)	W-002695	09/18/13	8.000	5M	X	X	X		X	X			
BAILEYVILLE	W-002649	10/24/13	0.600	6C						X			
BANGOR	W-001041	02/12/07	18.000	5M	X	X	X		X	X			
BAR HARBOR-DEGREGOIRE PARK	W-002584	09/02/15	0.012	6B						X			
BAR HARBOR-HULLS COVE	W-002590	09/02/15	0.150	6C		X	X			X			
BAR HARBOR-MAIN PLANT	W-002591	09/02/15	2.000	6D	X	X	X			X			SNC (3) Arsenic
BAR HARBOR-MOUNT DESERT HIGH SCHOOL	W-003319	09/08/14	0.009	6B								X	
BATH	W-002678	10/16/14	3.500	6D	X	X	X			X			
BELFAST	W-000569	05/23/11	0.900	6C	X	X	X			X			
BERWICK	W-000566	01/22/08	1.100	5M	X		X		X	X			
BETHEL	W-002595	09/08/15	0.340	6C						X			
BIDDEFORD	W-000683	05/27/14	6.500	5M	X	X	X		X	X			



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<b>Location</b>	<b>License #</b>	<b>Exp. Date</b>	<b>Flow MGD</b>	<b>Type</b>	<b>Major</b>	<b>CSO</b>	<b>Tox</b>	<b>301(H)</b>	<b>Pre</b>	<b>Surf</b>	<b>Sub</b>	<b>Spray</b>	<b>Compliance Status</b>
BIDDEFORD-BIDDEFORD POOL	W-007581	07/14/15	0.030	6B						X			
BINGHAM	W-001286	04/20/11	0.200	6C						X			
BLUE HILL	W-002628	12/23/14	0.100	6B			X			X			
BOOTHBAY HARBOR (BAYVILLE VILLAGE CORPORATION)	W-002573	09/16/13	0.015	6C				X		X			
BOOTHBAY HARBOR-MAIN PLANT	W-002750	08/05/15	0.640	6C	X					X			
BREWER	W-002679	04/25/08	5.190	5M	X	X			X	X			
BRIDGTON	W-007879	04/25/12	0.032	6B							X		
BROWNVILLE	W-000829	10/15/12	0.082	6B						X	X		
BRUNSWICK	W-002600	07/09/14	3.850	6D	X		X			X			
BRUNSWICK-GRAHAM ROAD LANDFILL	W-004308	11/16/09	0.200	6C						X			EL (1) Zinc
BRUNSWICK-MERE POINT	W-008015	08/04/13	0.011	6B							X		EL (1,2,3,4) Ammonia
BUCKSPORT	W-002596	06/17/07	0.460	6C		X			X	X			
CALAIS	W-002751	09/29/11	1.500	6D	X	X				X			
CAMDEN	W-002592	07/29/13	1.210	6D	X					X			
CANTON	W-006445	02/22/11	0.621	6D			X			X			
CAPE ELIZABETH (PORTLAND WATER DIST.)	W-006751	07/05/11	0.499	6C			X			X			

**APPENDIX A**

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(SEE KEY TO COLUMN HEADINGS AT THE END OF THE APPENDIX)

Location	License #	Exp. Date	Flow MGD	Type	Major	CSO	Tox	301(H)	Pre	Surf	Sub	Spray	Compliance Status
CAPE ELIZABETH – OTTAWA RD PUMP STN	W-009027	06/12/14	0.0	5T		X				X			
CARIBOU-CITY FACILITY	W-001001	12/22/11	1.710	6D	X		X			X			
CARIBOU-LIMESTONE WATER & SEWER DISTRICT	W-006654	03/11/14	1.25	6D	X		X			X			
CARRASSETT VALLEY	W-002781	12/22/11	0.245	6C								X	
CASTINE	W-002623	12/29/14	0.200	6C			X			X			EL (1,2,3) Copper
CLINTON	W-002589	04/29/13	0.350	6C			X			X			
CORINNA	W-008206	09/02/09	0.110	6C								X	
CORNISH	W-007878	04/24/12	0.007	6A							X		
DAMARISCOTTA-MAIN PLANT (GREAT SALT BAY SANITARY DISTRICT)	W-006048	06/26/11	0.268	6C						X			
DANFORTH	W-000819	12/22/14	0.049	6B						X			
DEXTER	W-000830	12/06/12	0.273	6C								X	
DOVER-FOXCROFT	W-002633	12/29/14	0.800	6C			X			X			
EAGLE LAKE	W-003374	12/17/12	0.146	6C								X	
EAST MACHIAS	W-006521	09/02/15	0.026	6A						X			
EASTPORT-MAIN PLANT	W-002598	11/12/13	0.82	6C				X		X			SNC (3) BOD SNC (4) F. c bacteria

**APPENDIX A**

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Location	License #	Exp. Date	Flow MGD	Type	Major	CSO	Tox	301(H)	Pre	Surf	Sub	Spray	Compliance Status
EASTPORT-QUODDY VILLAGE	W-008131	11/12/13	0.050	6B				X		X			
ELLSWORTH	W-002529	10/29/14	0.850	6C	X		X			X			SNC (1,3) Settleable Solids
ELLSWORTH-SHORE ROAD	W-003801	09/24/14	0.002	6A						X			
FAIRFIELD	W-007701	12/03/13	0.0	5T		X				X			
FALMOUTH	W-002650	02/12/13	1.560	6D	X		X			X			
FARMINGTON	W-002670	10/16/11	0.900	6C	X		X			X			
FORT FAIRFIELD	W-000694	05/08/12	0.600	5M	X		X			X			
FORT KENT	W-000692	12/18/11	0.430	6C	X		X			X			
FREEPORT	W-000617	05/04/15	0.750	6C	X		X			X			
FRENCHVILLE	W-007676	08/05/15	0.060	6B						X			
GARDNER	W-002655	03/16/11	4.500	6D	X		X			X			
GRAND ISLE	W-007713	05/04/15	0.080	6B						X			
GREENVILLE (MOOSEHEAD SANITARY DISTRICT)	W-002119	06/03/14	0.170	6C								X	
GUILFORD (GUILFORD-SANGERVILLE SANITARY DISTRICT)	W-006792	06/11/15	0.930	6C	X		X			X			
HAMPDEN	W-007967	12/27/07	0.0	5T		X				X			

**APPENDIX A**

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Location	License #	Exp. Date	Flow MGD	Type	Major	CSO	Tox	301(H)	Pre	Surf	Sub	Spray	Compliance Status
HARTLAND	W-000678	12/06/12	1.500	5M	X		X		X	X			SNC (1) Chromium
HOULTON (HOULTON WATER COMPANY)	W-002648	02/16/10	1.500	6D	X		X			X			
HOULTON (HOULTON WATER COMPANY)	W-008219	12/02/15	0.075	6B								X	
HOWLAND	W-002632	05/16/10	0.300	6C						X			
INDIAN TOWNSHIP-PETER DANA POINT (PASSAMAQUODDY TRIBE)	W-007055	01/21/02	0.015	6B							X		
INDIAN TOWNSHIP-PRINCETON STRIP (PASSAMAQUODDY TRIBE)	W-000872	12/23/14	0.095	6B								X	
ISLESBORO-DARK HARBOR	W-002726	11/21/10	0.064	6B						X			
JACKMAN	W-002696	11/21/14	0.675	6C			X			X			
JAY-NORTH JAY	W-002689	08/05/15	0.060	6B			X			X			
KENNEBUNK	W-002585	09/18/11	1.310	6D	X		X			X			SNC (3) Ammonia
KENNEBUNKPORT	W-002626	05/04/15	0.700	6C	X		X			X			
KINGFIELD	W-006272	04/24/12	0.077	6B							X		
KITTERY	W-000389	03/24/11	2.500	6D	X		X			X			SNC (1) Settleable Solids
LEWISTON	W-000684	11/18/15	0.0	5T		X				X			

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Location	License #	Exp. Date	Flow MGD	Type	Major	CSO	Tox	301(H)	Pre	Surf	Sub	Spray	Compliance Status
LEWISTON (LEWISTON-AUBURN WATER POLLUTION CONTROL AUTHORITY)	W-000682	07/24/13	14.200	5M	X	X	X		X	X			
LEWISTON-NO NAME POND	W-008126	01/30/12	0.004	6A							X		
LIMERICK	W-000860	09/02/15	0.110	6C			X			X			
LINCOLN	W-001479	03/31/08	1.070	6D	X		X			X			
LISBON	W-002725	05/06/15	2.025	6D	X		X			X			
LIVERMORE FALLS	W-002654	09/21/10	2.000	6D			X			X			
LUBEC	W-006306	11/12/13	0.166	6C				X		X			SNC (3) BOD
MACHIAS	W-002674	09/06/10	0.370	6C	X		X			X			
MAPLETON	W-008147	07/03/13	0.150	6B								X	
MARS HILL	W-000842	10/22/12	1.000	6D			X			X			
MATTAWAMKEAG	W-007462	04/25/10	0.090	6B						X			
MECHANIC FALLS	W-002722	02/12/13	0.490	6C	X		X			X			
MEXICO (RUMFORD-MEXICO SEWERAGE DISTRICT)	W-002686	08/05/15	2.650	6D	X		X			X			
MILBRIDGE	W-000862	04/05/15	0.070	6B			X			X	X		SNC (3) F.c. bacteria
MILFORD	W-008223	12/22/15	0.0	5T			X			X			

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Location	License #	Exp. Date	Flow MGD	Type	Major	CSO	Tox	301(H)	Pre	Surf	Sub	Spray	Compliance Status
MILLINOCKET	W-002680	02/11/09	2.330	6D	X		X			X			
MILO	W-002753	12/04/14	0.390	6C			X			X			
MONSON	W-007155	10/09/12	0.014	6B							X		
MT. DESERT- NORTHEAST HARBOR	W-002659	12/29/13	0.330	6C			X			X			
MT. DESERT- SEAL HARBOR	W-002657	09/29/14	0.250	6C			X			X			
MT. DESERT- SOMESVILLE	W-002656	12/29/13	0.080	6B			X			X			
NEWPORT	W-000865	09/18/14	0.524	6C			X			X			
NEWPORT-NOKOMIS REGIONAL HIGH SCHOOL	W-007162	08/04/13	0.010	6B								X	
NOBLEBORO- DAMARISCOTTA MILLS (GREAT SALT BAY SD)	W-007044	04/11/11	0.015	6B						X			
NORRIDGEWOCK	W-007742	10/30/13	0.193	6C						X			
NORTH BERWICK	W-006267	08/14/07	1.000	6C			X			X			
NORTH HAVEN	W-001671	11/21/08	0.040	6B				X		X			
NORTHPORT (NORTHPORT VILLAGE CORPORATION)	W-002575	06/29/09	0.063	6B				X		X			
NORWAY	W-002647	06/02/13	0.975	6C	X		X			X			
OAKLAND	W-002690	08/10/14	0.480	6C	X		X			X			

**APPENDIX A**

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Location	License #	Exp. Date	Flow MGD	Type	Major	CSO	Tox	301(H)	Pre	Surf	Sub	Spray	Compliance Status
OGUNQUIT	W-000449	03/12/13	1.280	6D	X		X			X			
OLD ORCHARD BEACH	W-002786	2/19/15	3.500	6D	X		X			X			
OLD TOWN	W-001635	05/25/09	3.500	6D	X	X	X			X			
OLD TOWN-INDIAN ISLAND (PENOBSCOT INDIAN NATION)	W-002672	03/29/05	0.070	6B						X			
ORONO	W-002673	11/30/12	1.840	6D	X	X	X			X			
PARIS-SOUTH PARIS (PARIS UTILITY DISTRICT)	W-000632	08/21/06	0.650	6C	X	X	X			X			EL (1) Copper SNC (4) Copper
PATTEN	W-007775	12/03/13	0.030	6B								X	
PERRY (PLEASANT POINT) (PASSAMAQUODDY TRIBE)	W-002561	10/13/04	0.150	6B						X			
PITTSFIELD	W-001477	08/26/14	1.500	6D			X			X			
PORTLAND	W-008010	10/24/13	0.0	5T		X				X			
PORTLAND (PORTLAND WATER DISTRICT)	W-002671	01/10/11	19.800	5M	X	X	X		X	X			EL (1,2,3) F.c. bacteria EL (2,3) Settleable Solids SNC (1) Settleable Solids
PORTLAND-PEAKS ISLAND (PORTLAND WATER DISTRICT)	W-007182	09/17/12	0.200	6C			X			X			
PRESQUE ISLE	W-002713	06/18/12	2.310	6D	X		X			X			
PRESQUE ISLE-ECHO LAKE	W-008017	07/24/13	0.004	6A							X		
PRESQUE ISLE-LANDELL	W-008088	07/21/11	0.014	6B								X	SNC (4) Sodium

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RANDOLPH	W-008074	07/08/14	0.0	5T		X				X			
RANGELEY	W-008086	05/02/12	0.150	6C								X	
RICHMOND	W-002616	03/12/13	0.320	6C						X			
ROCKLAND	W-000681	12/21/12	3.300	5M	X	X	X		X	X			
RUMFORD-RUMFORD POINT (RUMFORD-MEXICO SEWERAGE DISTRICT)	W-002686	08/05/15	0.019	6B						X			
SABATTUS	W-002624	11/07/11	0.120	6C			X			X			
SACO	W-002599	08/14/11	4.200	6D	X	X	X			X			
SANFORD	W-000870	04/23/13	8.800	5M	X	X	X		X	X			
SCARBOROUGH	W-002668	10/16/14	2.500	6D	X		X			X			
SEARSPORT	W-006279	11/12/13	0.200	6C				X		X			
SINCLAIR (SINCLAIR SEWER DISTRICT)	W-007814	04/18/11	0.042	6B								X	
SKOWHEGAN	W-002645	06/02/13	1.65	6D	X	X	X			X			
SORRENTO	W-002280	12/18/06	0.003	6A						X			
SOUTH BERWICK	W-002721	06/17/07	0.567	6C			X			X			
SOUTH PORTLAND	W-001370	07/15/14	9.300	5M	X	X	X		X	X			
SOUTHWEST HARBOR	W-002676	10/26/14	0.375	6C	X		X			X			



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ST. AGATHA	W-002755	06/17/15	0.060	6B						X			
STONINGTON	W-001475	03/14/08	0.175	6C				X		X			
THOMASTON	W-002643	04/11/08	0.900	6C	X		X			X		X	
UNITY	W-000478	07/27/12	0.500	6C			X			X			
VAN BUREN	W-002675	09/14/14	0.560	6C	X					X			
VASSALBORO-CEMETERY STREET FACILITY	W-008102	03/11/15	0.029	6B						X			
VASSALBORO-MAIN STREET FACILITY	W-002597	03/11/15	0.025	6B						X			
VASSALBORO-NORTH MAIN STREET FACILITY	W-008101	03/11/15	0.025	6B						X			
VEAZIE	W-002754	11/30/12	0.350	6C						X			
VINALHAVEN	W-008146	11/15/12	0.129	6C			X			X			
WALDOBORO	W-008114	03/11/13	0.150	6C								X	
WALLGRASS PLT. (EAGLE LAKE WATER & SEWER DIST)	W-007955	11/30/12	0.006	6A							X		
WARREN	W-007023	2/10/15	0.244	6C						X			
WASHBURN	W-007610	12/07/11	0.283	6C			X			X			
WATERVILLE (KENNEBEC SANITARY TREATMENT DISTRICT)	W-000687	10/16/14	12.700	5M	X	X	X		X	X			

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WELLS	W-000653	11/10/14	2.000	6D	X		X			X			
WESTBROOK (PORTLAND WATER DISTRICT)	W-001510	12/22/11	4.54	6D	X	X	X		X	X			
WHITNEYVILLE-CANAL ROAD FACILITY	W-006551	04/21/15	0.002	6A						X			
WHITNEYVILLE-SCHOOL STREET FACILITY	W-008099	04/21/15	0.006	6A						X			
WILTON	W-002365	07/07/11	0.450	6C	X		X			X			
WINSLOW	W-008204	12/21/15	0.0	5T		X				X			
WINTER HARBOR	W-000562	09/02/15	0.125	6C			X			X			
WINTERPORT	W-001480	02/02/09	0.110	6C		X		X		X			SNC (1) Flow
WISCASSET	W-000370	10/26/14	0.620	6C			X			X			
YARMOUTH	W-002644	12/19/11	1.310	6D	X		X			X			
YARMOUTH-SEA MEADOWS SUBDIVISION	W-002234	12/22/11	0.028	6B						X			
YORK	W-002687	05/31/11	3.000	6D	X		X			X			

LICENSES	MEDPES	FLOW MGD	TYPE	MAJOR	CSO	TOX	301(H)	PRE	SURF	SUB	SPRAY	COMPLIANCE STATUS
<b>163</b>	<b>140</b>	<b>213.8</b>	<b>---</b>	<b>59</b>	<b>35</b>	<b>86</b>	<b>10</b>	<b>13</b>	<b>129</b>	<b>11</b>	<b>16</b>	<b>EL = 4    SNC = 12</b>

**APPENDIX A**  
**POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2010**  
**KEY TO COLUMN HEADINGS**

**LOCATION** Municipality in which discharge is located.  
**LICENSE #** DEP wastewater discharge license number.  
**EXP. DATE** Expiration date of last DEP license issued for the facility.  
**FLOW** Monthly average discharge flow limit, in millions of gallons per day, as approved in last DEP license issued for the facility.  
**TYPE** Type code and base fee category for the facility:  
 6A POTWs, less than 10,000 GPD, with no significant industrial waste  
 6B POTWs, 10,000 GPD to 100,000 GPD, with no significant industrial waste  
 6C POTW, 100,000 GPD to 1 million GPD, with no significant industrial waste  
 6D POTW, 1 million GPD to 5 million GPD, with no significant industrial waste  
 5M POTW, over 5 million GPD or with significant industrial waste  
 5T Municipal combined sewer overflow (CSO)  
**MAJOR** Major discharge facility.  
**CSO** Facility includes combined sewer overflow (CSO) discharge.  
**TOX** Facility is subject to toxics testing.  
**301(h)** 301(h) waiver facility, primary treatment only.  
**PRE** Facility influent is subject to pre-treatment requirements.  
**SURF** Facility discharges to surface water.  
**SUB** Facility discharges through subsurface system.  
**SPRAY** Facility discharges through spray irrigation (i.e., land application) system.  
**COMPLIANCE STATUS** Indicates if the facility was in Significant Non Compliance (SNC) or Exceptions List (EL) during the year, includes quarter and parameters. A blank space in this column indicates Substantial Compliance. For those facilities that were in SNC or EL a summary of the non compliance can be found in Appendices D and E.  
 Totals at bottom of column only include highest level of non compliance per facility.

**NOTES**

1. Two licenses are for the discharge of treated landfill leachate. One facility (Brunswick) discharges to surface water, while the other facility (Presque Isle) discharges through a land application system.
2. Two licenses (Milbridge and Brownville) are for both surface water and subsurface discharges.
3. Five licenses (Jackman, Mars Hill, North Berwick, Norway, and Thomaston) are limited to a seasonal surface water discharge. Thomaston is also licensed for a seasonal land application discharge.
4. All land application discharges are seasonal, except for Carrabassett, Greenville, Mapleton and Rangeley, which are licensed to discharge “snowfluent” during the winter.
5. One license (Houlton) is for the discharge of sludge lagoon supernatant through a land application system.
6. All type 5T licenses are for “stand alone” CSO facilities (that is, facilities that are not licensed as part of a municipal primary or secondary treatment facility).

**APPENDIX B**  
**NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2010**  
**SORTED BY LOCATION**

(SEE KEY TO COLUMN HEADINGS AT THE END OF THE APPENDIX)

Location	Licensee	License #	Exp. Date	Type	Major	Tox	Surf	Sub	Spray	Comments	Compliance Status
ANSON	MADISON PAPER INDUSTRIES	W-008062	04/15/14	5R			X			ANSON HYDRO PROJECT; 108,000 GPD NON-CONTACT COOLING WATER	
AUBURN	PIONEER PLASTICS	W-007876	12/11/11	5S		X	X			PLASTICS MANUFACTURER; 1.2 MGD NON-CONTACT COOLING WATER	
AUGUSTA	DEPT. OF INLAND FISHERIES & WILDLIFE	W-002034	07/05/11	6F			X			GOVERNOR HILL FISH HATCHERY; 1.2 MGD PROCESS WATER DISCHARGE	SNC (3) Phosphorus
BAILEYVILLE	DOMTAR MAINE LLC	W-008072	05/01/14	5R			X			WOODLAND HYDRO PROJECT; 194,000 GPD NON-CONTACT COOLING WATER	
BAILEYVILLE	DOMTAR MAINE LLC	W-008073	05/01/14	5R			X			GRAND FALLS HYDRO PROJECT; 100,000 GPD NON-CONTACT COOLING WATER	
BAILEYVILLE (WOODLAND)	DOMTAR MAINE LLC	W-002766	05/31/10	5N	X	X	X			KRAFT PULP AND PAPER MILL; 40 MGD PROCESS WATER, SANITARY WASTE WATER, LANDFILL LEACHATE & STORM WATER DISCHARGES; 5.6 MGD COOLING & MISC STORM WATER DISCHARGE	
BAILEYVILLE (WOODLAND)	LOUISIANA PACIFIC CORPORATION	W-000508	09/03/13	5R			X			STUD MILL AND ORIENTED STRAND BOARD MILL; 15 MGD NON-CONTACT COOLING WATER; 160,000 GPD BOILER BLOWDOWN, SOFTENER BACKWASH & COOLING WATERS	
BALDWIN	FPL ENERGY MAINE HYDRO	W-000582	09/22/13	5R			X			HIRAM HYDRO PROJECT; 203,000 GPD NON-CONTACT COOLING WATER	
BANGOR	WEBBER OIL COMPANY	W-000767	05/19/15	5S			X			FUEL OIL TERMINAL/TRANSFER FACILITY; STORM WATER DISCHARGE	
BAR HARBOR	TOWN OF BAR HARBOR	W-001719	03/19/12	5V			X			SNOW DUMP; DISCHARGE TO TIDEWATER	

**APPENDIX B  
NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2010  
SORTED BY LOCATION**

(SEE KEY TO COLUMN HEADINGS AT THE END OF THE APPENDIX)

Location	Licensee	License #	Exp. Date	Type	Major	Tox	Surf	Sub	Spray	Comments	Compliance Status
BATH	BATH IRON WORKS	W-000671	06/06/11	5R			X			SHIP BUILDING FACILITY; 0.84 MGD NON-CONTACT COOLING WATER; MISC. DRY DOCK & SHIP DISCHARGES; AND SNOW DUMP DISCHARGE TO TIDEWATER	
BATH	CITY OF BATH	W-007696	09/23/09	5V			X			SNOW DUMP; DISCHARGE TO TIDEWATER	
BEALS	CARVER SHELLFISH INC.	W-007803	11/21/14	5P			X			CLAM PROCESSING FACILITY; 2,000 GPD PROCESS WATER DISCHARGE	
BEALS	PHOENIX SALMON US INC	W-008194	06/16/14	6G			X			SALMON AQUACULTURE FACILITY (SPECTACLE ISLAND SITE)	
BEALS	PHOENIX SALMON US INC	W-008187	06/30/14	6G			X			SALMON AQUACULTURE FACILITY (SAND COVE SITE)	
BELFAST	PENOBSCOT MCCRUM LLC	W-004897	10/17/12	5O			X			POTATO PROCESSING FACILITY; 100,000 GPD PROCESS WATER DISCHARGE; 75,000 GPD NON-CONTACT COOLING WATER DISCHARGE	
BELGRADE	PAT JACKSON INC.	W-008019	10/29/14	5J					X	DISCHARGE OF TREATED SEPTAGE EFFLUENT	
BIDDEFORD	BIDDEFORD AND SACO WATER COMPANY	W-002545	08/05/15	5S			X			DRINKING WATER TREATMENT FACILITY; 150,000 GPD FILTER BACKWASH WATER DISCHARGE	
BIDDEFORD	MAINE ENERGY RECOVERY COMPANY	W-006163	11/06/13	5R			X			WASTE-TO-ENERGY INCINERATOR; 93.6 MGD NON-CONTACT COOLING WATER	
BIDDEFORD	UNIVERSITY OF NEW ENGLAND	W-008109	06/11/15	6F			X			MARINE SCIENCE AND RESEARCH CENTER; 0.72 MGD TREATED MARINE LAB AND MARINE MAMMAL REHABILITATION CENTER WASTE WATER	
BIDDEFORD	THE MILLS AT PEPPERELL, LLC	W-002790	11/06/11	5R			X			TEXTILE MILL; 110,000 GPD NON-CONTACT COOLING WATER	

**APPENDIX B  
NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2010  
SORTED BY LOCATION**

(SEE KEY TO COLUMN HEADINGS AT THE END OF THE APPENDIX)

Location	Licensee	License #	Exp. Date	Type	Major	Tox	Surf	Sub	Spray	Comments	Compliance Status
BIG MOOSE TWP.	MOOSEHEAD MOUNTAIN RESORT INC.	W-008148	12/17/12	5J					X	COMMERCIAL SKI AREA; 7,000 GPD SANITARY WASTE WATER DISCHARGE	
BINGHAM	COBSCOOK BAY SALMON	W-007577	07/01/15	6F			X			COMMERCIAL SALMON; 11.25 MGD PROCESS WASTE WATER DISCHARGE	
BOOTHBAY HARBOR	TOWN OF BOOTHBAY HARBOR	W-007938	01/16/12	5V			X			SNOW DUMP; DISCHARGE TO TIDEWATER	
BREWER	TOWN & COUNTRY MOBILE HOME PARK	W-003601	10/13/15	5J					X	COMMERCIAL TRAILER PARK; 8,500 GPD SANITARY WASTE WATER DISCHARGE	
BRIDGTON	LAKESIDE PINES CAMPGROUND INC.	W-008256	10/13/15	5S					X	5,000 GPD COMMERCIAL CAMPGROUND, SANITARY WASTEWATER DISCHARGE	
BRIDGTON	THE WILDWOOD CORP. (D/B/A CAMP WILDWOOD)	W-007708	06/09/13	5J					X	COMMERCIAL CAMP GROUND; 40,725 GPD SANITARY WASTE WATER DISCHARGE	
BRIDGTON	WINONA CAMPS INC.	W-006784	06/13/12	5J					X	COMMERCIAL CAMP GROUND; 10,000 GPD SANITARY WASTE WATER DISCHARGE	
BRUNSWICK	BRUNSWICK-TOPSHAM WATER DISTRICT	W-002631	11/13/13	5S			X			DRINKING WATER TREATMENT FACILITY; 40,000 GPD FILTER BACKWASH DISCHARGE	
BRUNSWICK	FPL ENERGY MAINE HYDRO	W-000571	09/22/13	5R			X			BRUNSWICK HYDRO PROJECT; 586,000 GPD NON-CONTACT COOLING WATER	
BUCKSPORT	VERSO ANDROSCOGGIN LLC	W-000598	01/07/15	5N	X		X			PULP AND PAPER MILL (FORMERLY CHAMPION); 18 MGD PROCESS WATER DISCHARGE; 72.0 MGD COOLING WATER DISCHARGE	
BUCKSPORT	WEBBER TANKS, INC.	W-002566	10/15/15	5S			X			FUEL OIL TERMINAL/TRANSFER FACILITY; STORM WATER DISCHARGE	
BUXTON	FPL ENERGY MAINE HYDRO	W-000578	09/22/13	5R			X			SKELTON HYDRO PROJECT; 859,000 GPD NON-CONTACT COOLING WATER	

**APPENDIX B**  
**NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2010**  
**SORTED BY LOCATION**

(SEE KEY TO COLUMN HEADINGS AT THE END OF THE APPENDIX)

Location	Licensee	License #	Exp. Date	Type	Major	Tox	Surf	Sub	Spray	Comments	Compliance Status
CAMDEN	TOWN OF CAMDEN	W-007822	08/05/15	5V			X			SNOW DUMP; DISCHARGE TO TIDWATER	
CARIBOU	LORING DEVELOPMENT AUTHORITY	W-007926	04/15/14	5S			X			DRINKING WATER TREATMENT FACILITY; 8,000 GPD FILTER BACKWASH DISCHARGE	
CARIBOU	WPS NEW ENGLAND GENERATION, INC.	W-000638	09/28/14	5R			X			CARIBOU GENERATING STATION; 31 MGD NON-CONTACT COOLING WATER & MISC. DISCHARGES	
CASCO	DEPT. OF INLAND FISHERIES & WILDLIFE	W-002038	05/08/11	6F			X			CASCO FISH HATCHERY; 2.9 MGD PROCESS WASTE WATER DISCHARGE	
CHERRYFIELD	CHERRYFIELD FOODS, INC.	W-006234	12/28/14	5P			X		X	BLUEBERRY PROCESSING FACILITY; 0.1 MGD PROCESS WATER DISCHARGE; 0.27 MGD NON-CONTACT COOLING WATER DISCHARGE	
CHERRYFIELD	JASPER WYMAN & SONS	W-000645	12/28/14	5P			X		X	BLUEBERRY PROCESSING FACILITY; 0.1 MGD PROCESS WATER DISCHARGE; 0.27 MGD NON-CONTACT COOLING WATER DISCHARGE	SNC (1,2,4) BOD
CLINTON	CAVERLY FAMS LLC	W-009033	05/08/14	5S			X			CAFO	
CLINTON	FLOOD BROTHERS INC.	W-009024	10/30/13	5S			X			CONCENTRATED ANIMAL FEEDING OPERATIONS (CAFO); STORMWATER AND PROCESS WASTE WATER	
CLINTON	ROGERS FARM	W-009036	05/08/14	5S			X			CAFO	
CLINTON	THE WRIGHT PLACE	W-009035	05/08/14	5S			X			CAFO	
CUTLER	ATLANTIC SALMON OF MAINE LLC	W-009005	04/10/12	6G			X			SALMON AQUACULTURE FACILITY (CROSS ISLAND SITE)	

**APPENDIX B**  
**NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2010**  
**SORTED BY LOCATION**  
(SEE KEY TO COLUMN HEADINGS AT THE END OF THE APPENDIX)

Location	Licensee	License #	Exp. Date	Type	Major	Tox	Surf	Sub	Spray	Comments	Compliance Status
CUTLER	MAINE COAST NORDIC	W-008192	03/30/09	6G			X			SALMON AQUACULTURE FACILITY (CUTLER HARBOR SITE)	
CUTLER	MAINE COAST NORDIC	W-008188	03/30/09	6G			X			SALMON AQUACULTURE FACILITY (CUTLER NORTH SITE)	
CUTLER	PHOENIX SALMON US INC	W-008168	06/16/14	6G			X			SALMON AQUACULTURE FACILITY (CROSS ISLAND – NORTH SITE)	
CUTLER	US NAVY-NAVAL COMMUNICATION UNIT	W-003318	09/02/15	5R			X			ELECTRICAL GENERATING PLANT; 1.584 MGD NON-CONTACT COOLING WATER; MISC. STORMWATER, BOILER BLOWDOWN AND CONTACT COOLING WATER DISCHARGES	
DAMARISCOTTA	LAKE PEMAQUID INC.	W-003271	09/15/13	5J					X	COMMERCIAL CAMP GROUND; 67,900 GPD SANITARY WASTE WATER DISCHARGE	
DAMARISCOTTA	TOWN OF DAMARISCOTTA	W-009007	05/08/12	5V			X			SNOW DUMP; DISCHARGE TO TIDEWATER	
DEBLOIS	JASPER WYMAN & SONS	W-007847	03/19/12	5P			X		X	BLUEBERRY PROCESSING FACILITY; 148,000 GPD PROCESS WATER AND STORM WATER DISCHARGES	
DENMARK	WYONEGONIC CAMPS	W-007602	06/14/12	5J					X	COMMERCIAL CAMP GROUND; 7000 GPD SANITARY WASTE WATER DISCHARGE	
DIXFIELD	TOWN OF DIXFIELD	W-009032	01/30/14	5V				X		SNOW DUMP DISCHARGE TO MAPPED SAND AND GRAVEL AQUIFER	
DIXMONT	MARTIN STREAM FARM LLC	W-008243	01/13/14	5S			X			CONCENTRATED ANIMAL FEEDING OPERATION (CAFO); STORMWATER & PROCESS WASTE WATER	
DOVER-FOXCROFT	DOVER-FOXCROFT WATER DISTRICT	W-007330	05/21/13	5S			X			DRINKING WATER TREATMENT FACILITY; 15,000 GPD FILTER BACKWASH DISCHARGE	
EAST MACHIAS	PHOENIX SALMON U.S., INC.	W-007149	03/04/15	6F			X			COMMERCIAL SALMONID HATCHERY (GARDINER LAKE); 10.08 MGD PROCESS WATER DISCHARGE	



**APPENDIX B**  
**NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2010**  
**SORTED BY LOCATION**

(SEE KEY TO COLUMN HEADINGS AT THE END OF THE APPENDIX)

Location	Licensee	License #	Exp. Date	Type	Major	Tox	Surf	Sub	Spray	Comments	Compliance Status
EAST MILLINOCKET	GREAT LAKES HYDRO AMERICA, LLC	W-008076	03/13/14	5R			X			EAST MILLINOCKET HYDRO PROJECT; 30,240 GPD NON-CONTACT COOLING WATER	
EAST MILLINOCKET	GREAT LAKES HYDRO AMERICA, LLC	W-008077	03/16/14	5R			X			DOLBY HYDRO PROJECT; 364,320 GPD NON-CONTACT COOLING WATER	
EAST MILLINOCKET	KATAHDIN PAPER, LLC	W-002228	03/28/95	5N	X	X	X			PULP AND PAPER MILL; 33 MGD PROCESS WATER & MUNICIPAL WASTE WATER DISCHARGE; 26 MGD NON-CONTACT COOLING WATER DISCHARGE; MISC. FILTER BACKWASH AND FLOOR DRAIN DISCHARGES	
EASTPORT	COBSCOOK BAY SALMON	W-008186	03/30/09	6G			X			SALMON AQUACULTURE FACILITY (TREATS ISLAND SITE)	
EASTPORT	COBSCOOK BAY SALMON	W-008181	03/30/09	6G			X			SALMON AQUACULTURE FACILITY (PRINCE COVE SITE)	
EASTPORT	COBSCOOK BAY SALMON	W-008198	04/06/09	6G			X			SALMON AQUACULTURE FACILITY (JOHNSON COVE SITE)	
EASTPORT	PHOENIX SALMON US INC	W-008190	07/19/14	6G			X			SALMON AQUACULTURE FACILITY (BROAD COVE SITE)	
ELIOT	AUTOWASH INC.	W-008225	10/21/10	5S				X		COMMERCIAL CAR WASH	
ELLSWORTH	BLACK BEAR HYDRO PARTNERS LLC	W-008065	04/15/14	5R			X			ELLSWORTH HYDRO PROJECT; 200,160 GPD NON-CONTACT COOLING WATER	
ELLSWORTH	GREEN LAKE NATIONAL FISH HATCHERY	W-000721	09/09/14	6F			X			FEDERAL SALMONID HATCHERY; 19.4 MGD PROCESS WATER DISCHARGE	
ELLSWORTH	STANLEY PATTEN POND LLC	W-003294	12/28/11	5J					X	COMMERCIAL CAMP GROUND; 15,000 GPD SANITARY WASTE WATER DISCHARGE	
EMBDEN	DEPT. OF INLAND FISHERIES & WILDLIFE	W-002029	01/30/11	6F			X			EIA FISH REARING STATION; 4.75 MGD PROCESS WATER DISCHARGE	SNC (3) Phosphorus

**APPENDIX B  
NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2010  
SORTED BY LOCATION**

(SEE KEY TO COLUMN HEADINGS AT THE END OF THE APPENDIX)

Location	Licensee	License #	Exp. Date	Type	Major	Tox	Surf	Sub	Spray	Comments	Compliance Status
EMBDEN	FPL ENERGY MAINE HYDRO	W-000574	09/22/13	5R			X			WILLIAMS HYDRO PROJECT; 504,000 GPD NON-CONTACT COOLING WATER	
ENFIELD	BANGOR-PACIFIC HYDRO ASSOCIATES	W-007529	04/15/14	5R			X			WEST ENFIELD HYDRO PROJECT; 403,200 GPD NON-CONTACT COOLING WATER	
ENFIELD	DEPT. OF INLAND FISHERIES & WILDLIFE	W-002032	03/31/11	6F			X			COBB STATE FISH HATCHERY; 4.75 MGD PROCESS WATER DISCHARGE	SNC (2) Flow SNC (3) Phosphorus
ENFIELD	COVANTA MAINE, LLC	W-006116	10/14/15	5S			X			WOOD FIRED GENERATING FACILITY; 150,000 GPD COOLING TOWER BLOWDOWN WATER; 36,000 GPD FILTER BACKWASH WATER; 1,000 GPD BUILDING DRAIN WATER, SUMP WATER & STORMWATER DISCHARGES	
EUSTIS	KEI (MAINE) POWER MGMT LLC	W-008080	04/15/14	5R			X			EUSTIS HYDRO PROJECT; 7,200 GPD NON-CONTACT COOLING WATER	
EXETER	STONYVALE INC	W-009034	05/08/14	5S			X			CAFO	
FAIRFIELD	S. D. WARREN- SOMERSET PLANT	W-000385	01/23/14	5N	X	X	X			KRAFT PULP AND PAPER MILL; 46.5 MGD DISCHARGE OF PROCESS WATER, SANITARY WASTE WATER, NON-CONTACT COOLING WATER, TREATED LANDFILL LEACHATE WATER, AND TREATED RESIDUALS STORAGE PAD LEACHATE WATER	
FORT FAIRFIELD	BORALEX FORT FAIRFIELD, INC.	W-007365	06/16/11	5O			X			WOOD FIRED GENERATING FACILITY; 68,160 GPD NON-CONTACT COOLING WATER, BOILER BLOWDOWN WATER, WATER TREATMENT & ION EXCHANGE BACKWASH WATER	
FORT FAIRFIELD	PINELAND FARMS NATURAL MEATS INC	W-009002	05/21/12	5S			X			CONCENTRATED ANIMAL FEEDING OPERATION (CAFO); STORMWATER & PROCESS WASTE WATER	

**APPENDIX B**  
**NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2010**  
**SORTED BY LOCATION**  
(SEE KEY TO COLUMN HEADINGS AT THE END OF THE APPENDIX)

Location	Licensee	License #	Exp. Date	Type	Major	Tox	Surf	Sub	Spray	Comments	Compliance Status
FORT FAIRFIELD	TRI-COMMUNITY RECYCLING & SANITARY LANDFILL	W-008246	12/18/14	5J					X	750,000 GPY DISCHARGE FROM SEPTAGE DEWATERING OPERATION	SNC (3) Total Suspended Solids
FRANKLIN	AGVEST INC.	W-007755	12/18/14	5P					X	BLUEBERRY PROCESSING FACILITY; PROCESS WATER DISCHARGE	
FRANKLIN	UNIVERSITY OF MAINE—CENTER FOR COOPERATIVE AQUACULTURAL RESEARCH	W-007642	10/04/15	6F			X			AQUACULTURE RESEARCH FACILITY; 1.27 MGD PROCESS WATER DISCHARGE	
FRENCHBORO	ISLAND AQUACULTURE CORP.	W-008199	09/09/14	6G			X			SALMON AQUACULTURE FACILITY (BLACK ISLAND SITE)	
FRENCHVILLE	MOUNTAIN SPRINGS TROUT FARM	W-008125	05/17/15	6F			X			FISH HATCHERY; 0.65 MGD PROCESS WATER DISCHARGE	
FRYEBURG	MAINE PURE	W-008254	08/19/15	5S				X		1,500 GPD TREATED BOTTLE WASH WATER	
GARDINER	GARDINER WATER DISTRICT	W-000953	05/21/13	5S			X			DRINKING WATER TREATMENT FACILITY; 20,000 GPD FILTER BACKWASH DISCHARGE	
GARDINER	KEI (MAINE) POWER MGMT LLC	W-008081	04/15/14	5R			X			AMERICAN TISSUE HYDRO PROJECT; 7,200 GPD NON-CONTACT COOLING WATER	
GOULDSBORO	BUMBLE BEE FOODS, LLC	W-000791	03/09/12	5P			X			SARDINE PACKING FACILITY; 272,000 GPD PROCESS WATER DISCHARGE	SNC (1) Flow
GRAND LAKE STREAM PLT.	DEPT. OF INLAND FISHERIES & WILDLIFE	W-002037	08/01/11	6F			X			GRAND LAKE STREAM FISH HATCHERY; 2.9 MGD PROCESS WATER DISCHARGE	EL (1) Formalin
GRAY	DEPT. OF INLAND FISHERIES & WILDLIFE	W-002031	06/06/11	6F			X			DRY MILLS FISH HATCHERY; 1.92 MGD PROCESS WATER DISCHARGE	SNC (3) Phosphorus

**APPENDIX B**  
**NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2010**  
**SORTED BY LOCATION**

(SEE KEY TO COLUMN HEADINGS AT THE END OF THE APPENDIX)

Location	Licensee	License #	Exp. Date	Type	Major	Tox	Surf	Sub	Spray	Comments	Compliance Status
HAMPDEN	COLD BROOK ENERGY	W-000563	11/06/11	5S			X			FUEL OIL TERMINAL/TRANSFER FACILITY; STORM WATER DISCHARGE	
HANCOCK	EASTERN MAINE MUSSEL CORP	W-009031	04/08/14	5P				X		MUSSEL PROCESSING FACILITY; 24,500 GPD PROCESS WASTE WATER	
HANCOCK	HANCOCK FOODS	W-003145	12/08/14	5P			X		X	BLUEBERRY PROCESSING FACILITY; 0.025 MGD PROCESS WATER DISCHARGE	
HANCOCK	MERRILL BLUEBERRY FARMS	W-007792	12/08/14	5P					X	BLUEBERRY PROCESSING FACILITY; 72,000 GPD PROCESS WATER DISCHARGE	
HARRISON	RODERICK DYER	W-008124	02/28/12	5J				X		1800 GPD TREATED SEPTAGE LEACHATE DISCHARGE	
HARTLAND	IRVING TANNING COMPANY	W-001915	06/11/14	5R			X			LEATHER TANNING FACILITY; 500,000 GPD NON-CONTACT COOLING WATER	
HERMAN	HERMAN CAR WASH	W-008234	06/26/11	5S				X		COMMERCIAL CAR WASH; 1,000 GPD WASH WATER DISCHARGE	EL (1,2,3) Diesel Range Organics
HERMON	HERMAN PARK LLC	W-007690	12/20/12	5J					X	COMMERCIAL TRAILER PARK; 4,500 GPD SANITARY WASTE WATER DISCHARGE	
HOLLIS	FPL ENERGY MAINE HYDRO	W-000581	09/22/13	5R			X			BAR MILLS HYDRO PROJECT; 67,000 GPD NON-CONTACT COOLING WATER	
HOLLIS	NESTLE WATER NORTH AMERICA INC	W-008248	07/21/13	5S					X	WATER BOTTLING FACILITY; 981,000 GPW PROCESS WATER, BOILER BLOWDOWN WATER & CHILLER/COOLER WATER	
HOLLIS	PIERCE ASSOCIATES INC.	W-008127	03/29/12	6F			X			COMMERCIAL FISH HATCHERY; 1.5 MGD PROCESS WASTE WATER	
HOULTON	TATE & LYLE INGREDIENTS AMERICANS INC.	W-000940	06/17/13	5N	X		X		X	STARCH PROCESSING FACILITY; 0.04 MGD PROCESS WATER DISCHARGE; 0.05 MGD NON-CONTACT COOLING WATER DISCHARGE	
HOWLAND	PPL MAINE LLC	W-008064	04/15/14	5R			X			HOWLAND HYDRO PROJECT; 1,440 GPD NON-CONTACT COOLING WATER	

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INDIAN STREAM TWP.	FPL ENERGY MAINE HYDRO	W-000572	09/22/13	5R			X			INDIAN POND HYDRO PROJECT; 3.89 MGD NON-CONTACT COOLING WATER	
JAY	VERSO ANDROSCOGGIN LLC	W-000623	09/21/10	5N	X	X	X			KRAFT PULP AND PAPER MILL; 51 MGD DISCHARGE OF PROCESS WATER, SANITARY WASTE WATER, CONTACT AND NON-CONTACT COOLING WATERS, LANDFILL LEACHATE, AND STORMWATER	
JONESBORO	MAINE WILD BLUEBERRY CO.	W-008236	07/26/11	5P					X	BLUEBERRY PROCESSING FACILITY; PROCESS WATER DISCHARGE	
JONESPORT	MOOSABEC MUSSELS, INC.	W-008152	07/03/13	5P			X			SHELLFISH PROCESSING FACILITY; 32,000 GPD PROCESS WATER DISCHARGE	
KENDUSKEAG	PAUL PRAY D/B/A COUNTRY MOBILE HOME PARK	W-003618	01/15/13	5J					X	COMMERCIAL MOBILE HOME PARK; 8700 GPD SANITARY WASTE WATER DISCHARGE	
KINGFIELD	TOWN OF KINGFIELD	W-009017	07/29/13	5S				X		DRINKING WATER BOTTLING FACILITY; 50,000 GPD PROCESS WASTE WATER, PLUS BOILER BLOWDOWN AND NON-CONTACT COOLING WATERS	
KITTERY	PORTSMOUTH NAVAL SHIPYARD	W-003445	05/05/11	5R			X			SUBMARINE REPAIR & OVERHAUL FACILITY; 33 MGD NON-CONTACT CONDENSER & COMPRESSOR COOLING WATER; MISC. DRY DOCK DEWATERING WATER & STORMWATER DISCHARGES	
LEWISTON	FPL ENERGY MAINE HYDRO	W-007658	09/22/13	5R			X			LEWISTON FALLS HYDRO PROJECT; 700,000 GPD NON-CONTACT COOLING WATER	

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LJMERICK	LEDGEMERE HYDRO, LLC	W-008059	03/13/14	5R			X			LEDGEMERE HYDRO PROJECT; 22,320 GPD NON-CONTACT COOLING WATER	
LJNOLN	LJNOLN PAPER AND TISSUE	W-000381	01/23/02	5N	X	X	X			KRAFT PULP AND PAPER MILL; 16.3 MGD PROCESS WATER; 3.0 MGD NON-CONTACT COOLING WATER	
LJNOLN PLT.	AZISCOHOS RESERVOIR COMPANY	W-007582	05/01/14	5R			X			AZISCOHOS HYDRO PROJECT; 270,000 GPD NON-CONTACT COOLING WATER	
LJLSON	BLUE RIDGE FIBERBOARD, INC	W-002520	02/12/15	5S			X			FIBER BOARD MANUFACTURING FACILITY; 3.0 MGD NON-CONTACT COOLING WATER	
LJLSON	MAINE ELECTRONICS	W-007759	05/13/15	5S		X	X			DECOMMISSIONED CIRCUIT BOARD MANUFACTURING FACILITY; 79,000 GPD DISCHARGE FROM DEP-APPROVED GROUNDWATER REMEDIATION PROJECT	
LJLSON	MILLER HYDRO GROUP	W-007590	04/10/14	5R			X			WORUMBO HYDRO PROJECT; 1.015 MGD NON-CONTACT COOLING WATER	
LJLVERMORE FALLS	BORALEX LIVERMORE FALLS LP	W-007705	12/13/11	5O			X			WOOD FIRED GENERATION FACILITY; 175,000 GPD COOLING TOWER BLOWDOWN WATER AND MISC. PROCESS WATER & STORMWATER DISCHARGES	
LJLVERMORE FALLS	VERSO ANDROSCOGGIN LLC	W-008067	03/13/14	5R			X			OTIS HYDRO PROJECT; 14,400 GPD NON-CONTACT COOLING WATER	
LJLUBEC	ISF TRADING COMPANY	W-008161	12/01/13	5P			X			SEA CUCUMBER PROCESSING FACILITY; 8,000 GPD PROCESS WATER DISCHARGE	
LJLUBEC	STOLT SEA FARM MAINE INC	W-008183	03/29/09	6G			X			SALMON AQUACULTURE FACILITY ( ROGERS ISLAND NORTH SITE)	

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LYMAN	WINTERWOOD FARM LLC	W-008250	09/08/13	5O					X	COMMERCIAL COMPOSTING FACILITY; DISCHARGE OF LEACHATE	
MACHIAS	MAINE WILD BLUEBERRY CO.	W-006137	10/26/11	5R			X			BLUEBERRY PROCESSING FACILITY; 70,000 GPD NON-CONTACT COOLING WATER	
MACHIAS	MAINE WILD BLUEBERRY CO	W-008253	07/01/15	5P					X	COMMERCIAL BLUEBERRY PROCESSING PLANT	
MACHIASPORT	ATLANTIC SALMON OF MAINE	W-007951	11/29/12	5P			X			SALMON PROCESSING FACILITY; 0.021 MGD PROCESS WATER DISCHARGE	
MADAWASKA	TWIN RIVERS LLC	W-002727	10/16/14	5N	X	X	X			PULP AND PAPER MILL; 15 MGD DISCHARGE OF PROCESS WATER, LANDFILL LEACHATE WATER, NON-CONTACT COOLING WATER, FILTER BACKWASH WATER, AND STORMWATER	
MADISON	MADISON PAPER INDUSTRIES	W-008063	04/15/14	5R			X			ABENAKI HYDRO PROJECT; 155,000 GPD NON-CONTACT COOLING WATER	
MADISON	MADISON PAPER INDUSTRIES	W-002006	05/24/11	5S			X			PULP & PAPER MILL; 10.8 MGD VACUUM SEAL AND NON-CONTACT COOLING WATER; 2.0 FILTER BACKWASH DISCHARGE	
MARS HILL	J&D MCCRUM FARM	W-008230	09/06/11	5P					X	POTATO PROCESSING FACILITY; PROCESS WASTE WATER DISCHARGE	
MARS HILL	NATURALLY POTATOES INC.	W-007949	12/22/14	5P					X	POTATO PROCESSING FACILITY; PROCESS WASTE WATER DISCHARGE	
MASARDIS	WPS NEW ENGLAND GENERATION	W-008069	10/16/14	5R			X			SQUA PAN HYDRO PROJECT; 4,800 GPD NON-CONTACT COOLING WATER	
MATTAWAMKEAG	GREAT LAKES HYDRO AMERICA, LLC	W-008075	03/16/14	5R			X			MATTACEUNK HYDRO PROJECT; 144,000 GPD NON-CONTACT COOLING WATER	

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MEXICO	TOWN OF MEXICO	W-009092	12/29/13	5V				X		SNOW DUMP; DISCHARGE TO MAPPED SAND AND GRAVEL ACQUIFER	
MILBRIDGE	LAWRENCE RAY FISHING INDUSTRIES	W-007894	07/12/12	5P			X			SEA CUCUMBER PROCESSING FACILITY; 15,000 GPD PROCESS WATER	
MILFORD	BLACK BEAR HYDRO PARTNERS LLC	W-002570	04/15/14	5R			X			MILFORD HYDRO PROJECT; 18,000 GPD NON-CONTACT COOLING WATER	
MILLINOCKET	KATAHDIN PAPER, LLC	W-002227	08/01/99	5N	X		X			PULP AND PAPER MILL; 43 MGD PROCESS WATER DISCHARGE; 85 MGD NON-CONTACT CONDENSER COOLING WATER DISCHARGE; 15 MGD BEARING AND PUMP COOLING WATER DISCHARGE; MISC. STORMWATER DISCHARGE	
MONMOUTH	TEX-TECH INDUSTRIES	W-000631	08/13/14	5R			X			TEXTILE MILL; 85,000 GPD NON-CONTACT COOLING WATER	
MOOSEHEAD JCT. TWP.	AQUA MAINE INC.	W-008087	11/03/14	5S				X		DRINKING WATER TREATMENT FACILITY; 2,500 GPD FILTER BACKWASH DISCHARGE	
MOSCOW	FPL ENERGY MAINE HYDRO	W-000573	09/22/13	5R			X			WYMAN HYDRO PROJECT; 573,000 GPD NON-CONTACT COOLING WATER	
MOUNT VERNON	COASTAL CAMPS INC (D/B/A CAMP LAUREL)	W-003269	12/20/12	5J					X	COMMERCIAL CAMP GROUND; 15,000 GPD SANITARY WASTE WATER DISCHARGE	
NEW GLOUCESTER	DEPT. OF INLAND FISHERIES & WILDLIFE	W-002030	07/05/11	6F			X			NEW GLOUCESTER FISH REARING PONDS; 3.0 MGD PROCESS WATER DISCHARGE	SNC (3) Phosphorus SNC (2) Total Suspended Solids
NEW SHARON	AAA INTERSTATE SEPTIC SERVICES INC.	W-009012	12/06/12	5J					X	DISCHARGE OF TREATED SEPTAGE EFFLUENT	



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NEW SHARON	NEW SHARON WATER DISTRICT	W-007693	04/15/14	5S			X			DRINKING WATER TREATMENT FACILITY; 6,000 GPD FILTER BACKWASH DISCHARGE	
NORTH BERWICK	UNITED TECHNOLOGIES/P RATT & WHITNEY	W-002749	12/21/12	5N	X	X	X			JET ENGINE PARTS MANUFACTURER; 50,000 GPD PROCESS WATER DISCHARGE	
NORTH HAVEN	TOWN OF NORTH HAVEN	W-008142	06/15/12	5S			X			DRINKING WATER TREATMENT FACILITY; 2000 GPD FILTER BACKWASH DISCHARGE	
OAKLAND	MESSALONKEE STREAM HYDRO LLC	W-000577	03/13/14	5R			X			RICE RIPS (M3) HYDRO PROJECT; 26,900 GPD NON-CONTACT COOLING WATER	
OAKLAND	MESSALONKEE STREAM HYDRO LLC	W-000585	03/13/14	5R			X			OAKLAND (M2) HYDRO PROJECT; 48,000 GPD NON-CONTACT COOLING WATER	
OLD TOWN	OLD TOWN WATER DISTRICT	W-007706	06/11/14	5S			X			DRINKING WATER TREATMENT FACILITY; 95,000 GPD FILTER BACKWASH DISCHARGE	
OLD TOWN	PPL GREAT WORKS, LLC	W-008068	04/15/14	5R			X			GREAT WORKS HYDRO PROJECT; 88,560 GPD NON-CONTACT COOLING WATER	
OLD TOWN	RED SHIELD ENVIRONMENTAL LLC	W-002226	08/06/07	5N	X	X	X			KRAFT PULP AND PAPER MILL; 24.4 MGD DISCHARGE OF PROCESS WATER AND TREATED LANDELL LEACHATE WATER; NON-CONTACT COOLING WATER, MISC. FILTER BACKWASH AND HYDRO STATION COOLING WATER DISCHARGES	
ORLAND	CRAIG BROOK NATIONAL FISH HATCHERY	W-001285	02/02/15	6F			X			FEDERAL SALMONID HATCHERY; 3.5 MGD PROCESS WATER DISCHARGE	SNC (3) Phosphorus EL (4) Phosphorus EL (1,2,3,4) Formalin

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ORLAND	G.M. ALLEN & SONS, INC	W-007791	12/22/14	5P					X	BLUEBERRY PROCESSING FACILITY; 67,880 GPA PROCESS WATER DISCHARGE	
ORONO	ORONO-VEAZIE WATER DISTRICT	W-007954	11/21/14	5S			X			DRINKING WATER TREATMENT FACILITY; 92,000 GPD FILTER BACKWASH DISCHARGE	SNC (1) Total Suspended Solids
ORONO	UNIVERSITY OF MAINE	W-008153	06/02/13	5S			X			30,000 GPD FILTER BACKWASH DISCHARGE FROM UNIVERSITY SWIMMING POOL	
ORRINGTON	HOLTRACHEM MANUFACTURING Co.	W-001048	12/31/03	5N	X		X			CHLORINE MANUFACTURING FACILITY; 0.15 MGD PROCESS WATER DISCHARGE	
ORRINGTON	PENOBSCOT ENERGY RECOVERY CO.	W-006893	08/26/14	5O			X			REFUSE FIRED GENERATING FACILITY; 22,500 GPD NON-CONTACT COOLING WATER; BOILER BLOWDOWN WATER, MISC. PROCESS WATERS	
PALERMO	DEPT. OF INLAND FISHERIES & WILDLIFE	W-002035	02/20/11	6F			X			PALERMO FISH REARING STATION; 4.75 MGD PROCESS WATER DISCHARGE	
PARSONSFIELD (KEZAR FALLS)	KEZAR FALLS HYDRO LLC	W-008060	03/17/14	5R			X			KEZAR FALLS HYDRO PROJECT; 22,320 GPD NON-CONTACT COOLING WATER	
PERRY	PASSAMA-QUODDY WATER DISTRICT	W-007568	12/28/14	5S			X			DRINKING WATER TREATMENT FACILITY; 45,000 GPD FILTER BACKWASH DISCHARGE	
PHILLIPS	DEPT. OF INLAND FISHERIES & WILDLIFE	W-002036	08/01/11	6F			X			PHILLIPS FISH REARING STATION; 0.36 MGD PROCESS WATER DISCHARGE	
PIERCE POND TOWNSHIP	DEAD RIVER FISH HATCHERY	W-000905	12/19/10	6F			X			COMMERCIAL FISH HATCHERY AND REARING STATION; 1.5 MGD PROCESS WATER DISCHARGE	
PLYMOUTH	SOIL PREPARATION, INC.	W-007882	09/18/13	5J					X	SEPTAGE DEWATERING AND COMPOSTING FACILITY; 20,000 GPD DISCHARGE	SNC (2) Freeboard

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PORTLAND	FRESH ATLANTIC USA	W-009008	07/31/12	5P			X			SEA URCHIN PROCESSING FACILITY; 12,100 GPD PROCESS WATER DISCHARGE	
PORTLAND	HERITAGE ACQUISITION CORP.	W-000980	08/03/14	5R			X			BAKED BEAN PROCESSING FACILITY; 460,000 GPD NON-CONTACT COOLING WATER	
PORTLAND	I.S.F. TRADING COMPANY	W-007808	11/21/14	5P			X			SEA URCHIN AND SHRIMP PROCESSING FACILITY; 23,000 GPD PROCESS WATER DISCHARGE	EL (1) Low pH EL (3) Settleable Solids SNC (2) Settleable Solids
PRESQUE ISLE	EUGENE & HEIDI KNIGHT (D/B/A GOLDEN GATE PARK)	W-008159	06/13/13	5J					X	COMMERCIAL MOBILE HOME PARK; 44,000 GPD SANITARY WASTE WATER DISCHARGE	
PRESQUE ISLE	MCCAIN FOODS USA, INC.	W-008085	05/17/12	5N	X	X	X			POTATO PROCESSING FACILITY; 4.0 MGD PROCESS WATER AND SANITARY WASTE WATER	
PRESQUE ISLE	PRESQUE ISLE WATER DISTRICT	W-002618	10/16/14	5S			X			DRINKING WATER TREATMENT FACILITY; 180,000 GPD FILTER BACKWASH DISCHARGE	
RANGELEY	ATLANTIC SALMON MAINE, LLC.	W-004701	10/15/15	6F			X			COMMERCIAL SALMON HATCHERY; 12 MGD PROCESS WATER DISCHARGE	
ROCKLAND	DRAGON PRODUCTS CO. LLC	W-009025	11/25/13	5R			X			CEMENT TRANSFER TERMINAL; 113,000 GPD NON-CONTACT COOLING WATER AND TREATED CONDENSATE WATER DISCHARGE	
ROCKLAND	FMC BIOPOLYMER	W-001999	10/09/12	5R			X			CARAGEENAN MANUFACTURING FACILITY; 12.1 MGD CONTACT AND NON-CONTACT COOLING WATER DISCHARGE	
ROCKLAND	TOWN OF ROCKLAND	W-007939	12/28/11	5V			X			SNOW DUMP; DISCHARGE TO TIDEWATER	
ROCKPORT	TOWN OF ROCKPORT	W-008134	10/03/11	5V			X			SNOW DUMP; DISCHARGE TO TIDEWATER	

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RUMFORD	RUMFORD FALLS HYDRO LLC	W-008083	04/10/14	5R			X			RUMFORD FALLS HYDRO PROJECT; 145,000 GPD NON-CONTACT COOLING WATER	
RUMFORD	RUMFORD PAPER COMPANY	W-000955	09/21/10	5N	X	X	X			KRAFT PULP AND PAPER MILL (FORMERLY BOISE CASCADE); 34 MGD PROCESS WATER & LANDFILL LEACHATE WATER DISCHARGE; 47 MGD NON-CONTACT COOLING WATER DISCHARGE	
SACO	FPL ENERGY MAINE HYDRO	W-000584	09/22/13	5R			X			CATARACT HYDRO PROJECT; 196,000 GPD NON-CONTACT COOLING WATER	
SANFORD	EVONIK LLC	W-001914	11/01/15	5R			X			PLASTICS MANUFACTURING FACILITY; 300,000 GPD NON-CONTACT COOLING WATER	
SANFORD	PINE TREE TROUT FISH HATCHERY	W-008245	12/22/11	6E			X			COMMERCIAL TROUT HATCHERY AND REARING FACILITY; 72,000 GPD PROCESS WATER DISCHARGE	
SCARBOROUGH	BAYLEY'S QUALITY SEAFOOD	W-000990	12/06/12	5P			X			SHELLFISH PROCESSING FACILITY; 63,525 GPD SEAFOOD PROCESSING WASTE WATER DISCHARGE	
SEARSPORT	C.H. SPRAGUE & SON, INC.	W-002564	09/14/14	5S			X			FUEL OIL TERMINAL/TRANSFER FACILITY; STORM WATER DISCHARGE	
SEARSPORT	GAC CHEMICAL CORPORATION	W-002530	03/21/11	5S			X			INDUSTRIAL CHEMICAL MANUFACTURER (FORMERLY GENERAL ALUM); 124,000 GPD NON-CONTACT COOLING WATER, PROCESS WATER, AND STORM WATER DISCHARGES	
SEARSPORT	IRVING OIL TERMINALS, INC.	W-000942	04/09/15	5S			X			FUEL OIL TERMINAL/TRANSFER FACILITY; STORM WATER DISCHARGE	
SEARSPORT	IRVING OIL TERMINALS, INC.	W-001373	04/09/15	5S			X			FUEL OIL TERMINAL/TRANSFER FACILITY; STORM WATER DISCHARGE	

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SKOWHEGAN	FPL ENERGY MAINE HYDRO	W-000583	09/22/13	5R			X			WESTON HYDRO PROJECT; 576,000 GPD NON-CONTACT COOLING WATER	
SMITHFIELD	CAMP MATOAKA, INC.	W-006097	06/11/15	5J					X	COMMERCIAL SUMMER CAMP; 18,000 GPD SANITARY WASTE WATER DISCHARGE	
SORRENTO	GREAT BAY AQUACULTURE LLC	W-009015	10/15/12	6G			X			COD AQUACULTURE FACILITY (PREBLE ISLAND SITE)	
SOUTH BRISTOL	SOUTH BRISTOL WHARF LLC	W-007095	10/24/12	5P			X			SHELLFISH PROCESSING FACILITY; 20,000 GPD WASHING AND COOKING WATER DISCHARGE	
SOUTH PORTLAND	CITGO PETROLEUM CORP.	W-000637	09/29/14	5S			X			FUEL OIL TERMINAL/TRANSFER FACILITY; STORM WATER DISCHARGE	
SOUTH PORTLAND	CLEAN HARBORS ENVIRONMENTAL SERVICES, CO.	W-000647	04/15/14	5S			X			FUEL OIL TERMINAL/TRANSFER FACILITY; STORM WATER DISCHARGE	
SOUTH PORTLAND	EXXONMOBIL OIL CORPORATION	W-002653	04/29/14	5S			X			FUEL OIL TERMINAL/TRANSFER FACILITY; STORM WATER DISCHARGE AND TREATED TANK BOTTOM DISCHARGE WATER	
SOUTH PORTLAND	GLOBAL COMPANIES, LLC	W-002565	04/14/11	5S			X			FUEL OIL TERMINAL/TRANSFER FACILITY; STORM WATER DISCHARGE	
SOUTH PORTLAND	GULF OIL LIMITED PARTNERSHIP	W-000737	10/16/14	5S			X			FUEL OIL TERMINAL/TRANSFER FACILITY; STORM WATER DISCHARGE	
SOUTH PORTLAND	PORTLAND PIPELINE CORPORATION	W-002651	11/10/14	5S			X			FUEL OIL TERMINAL/TRANSFER FACILITY; STORM WATER DISCHARGE	
SOUTH PORTLAND	SPRAGUE ENERGY CORP.	W-000886	11/06/11	5S			X			FUEL OIL TERMINAL/TRANSFER FACILITY; STORM WATER DISCHARGE	SNC (4) Total Suspended Solids
ST. GEORGE	GREAT EASTERN MUSSEL FARMS INC.	W-003993	08/11/12	5P			X			SHELLFISH WASHING AND PACKING FACILITY; 0.72 MGD PROCESS WATER DISCHARGE	

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T3 INDIAN PURCHASE	GREAT LAKES HYDRO AMERICA, LLC	W-008078	03/17/14	5R			X			NORTH TWIN HYDRO PROJECT; 36,000 GPD NON-CONTACT COOLING WATER	
T3 R11	GREAT LAKES HYDRO AMERICA, LLC	W-008079	03/16/14	5R			X			RIPOGENUS HYDRO PROJECT; 691,200 GPD NON-CONTACT COOLING WATER	
TAUNTON & RAYNHAM TWP.	BRASSUA HYDRO LIMITED PARTNERSHIP	W-008054	11/06/13	5R			X			BRASSUA HYDRO PROJECT; 14,400 GPD NON-CONTACT COOLING WATER	
TOPSHAM	TOPSHAM HYDRO PARTNERS	W-008058	04/15/14	5R			X			PEJPSOT HYDRO PROJECT; 349,920 GPD NON-CONTACT COOLING WATER	
TURNER	CONTRACT FARMING OF MAINE, LLC	W-008094	02/08/10	5O					X	COMMERCIAL EGG PRODUCTION FACILITY; 19,500 GPD EGG WASH WATER AND SANITARY WASTE WATER DISCHARGE	SNC (4) Total Suspended Solids
TWP. 30,31,37	PROJECT SHARE	W-009049	11/30/14	5Z			X			EXPERIMENTAL LICENSE FOR CALCIUM DISCHARGE TO IMPROVE WATER QUALITY	
VEAZIE	CASCO BAY ENERGY CO., L.C.C.	W-008016	03/08/11	5O			X			COMBINED CYCLE NATURAL GAS-FIRED GENERATING FACILITY; 1.96 MGD FILTER BACKWASH WATER, DEMINERALIZATION WATER, COOLING TOWER BLOWDOWN WATER, AND BOILER BLOWDOWN WATER	
VEAZIE	PPL MAINE LLC	W-002568	04/15/14	5R			X			VEAZIE HYDRO PROJECT; 60,550 GPD NON-CONTACT COOLING WATER	
WALDOBORO	OSRAM SYLVANIA INC	W-000714	10/03/11	5N			X			LIGHT BULB FILAMENT MANUFACTURING FACILITY; 10,000 GPD TREATED GROUNDWATER DISCHARGE	

**APPENDIX B  
NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2010  
SORTED BY LOCATION**

(SEE KEY TO COLUMN HEADINGS AT THE END OF THE APPENDIX)

Location	Licensee	License #	Exp. Date	Type	Major	Tox	Surf	Sub	Spray	Comments	Compliance Status
WARREN	AQUA MAINE INC.	W-008214	11/22/15	5S				X		DRINKING WATER TREATMENT FACILITY; 6,000 GPD FILTER BACKWASH DISCHARGE	
WATERBORO	WATERWAYS, INC.	W-008129	12/31/14	5S				X		COMMERCIAL CAR WASH FACILITY; 2,500 GPD WASH WATER DISCHARGE	
WATERVILLE	MAINE CENTRAL RAILROAD	W-006634	04/04/11	5O			X			RAILROAD LOCOMOTIVE AND RAILCAR REPAIR FACILITY; 144,000 GPD PROCESS WASTE WATER & STORM WATER DISCHARGES	
WESTBROOK	CITY OF WESTBROOK SCHOOL DEPT.	W-008247	03/31/13	5S				X		SCHOOL; 16,000 GPD GEOTHERMAL "BLEED WATER" DISCHARGE	
WESTBROOK	S.D. WARREN	W-002224	12/21/12	5N	X	X	X			PAPER MILL; 10 MGD PROCESS WATER DISCHARGE; 2.5 MGD FILTER BACKWASH WATER DISCHARGE; 12 MGD NON-CONTACT COOLING WATER DISCHARGE	
WINSLOW	HYDRO KENNEBEC LLC	W-007579	05/01/14	5R			X			HYDRO KENNEBEC PROJECT; 250,000 GPD NON-CONTACT COOLING WATER	
WINTHROP	DOROTHY EGG FARM	W-008103	11/22/15	5P					X	COMMERCIAL EGG PRODUCTION FACILITY; 3,000 GPD EGG WASH AND SANITARY WASTE WATER DISCHARGE	
WISCASSET	TOWN OF WISCASSET	W-007711	10/28/14	5V			X			SNOW DUMP; DISCHARGE TO TIDEWATER	
WOOLWICH	BATH WATER DISTRICT	W-008140	05/01/12	5S			X			DRINKING WATER TREATMENT FACILITY; 283,000 GPD FILTER BACKWASH DISCHARGE	

**APPENDIX B  
NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2010  
SORTED BY LOCATION**

(SEE KEY TO COLUMN HEADINGS AT THE END OF THE APPENDIX)

Location	Licensee	License #	Exp. Date	Type	Major	Tox	Surf	Sub	Spray	Comments	Compliance Status
YARMOUTH	FPL ENERGY WYMAN LLC	W-000634	06/17/13	5R	X	X	X			W.F. WYMAN STATION GENERATING FACILITY; 530 MGD NON-CONTACT COOLING WATER; 5.0 MGD INTAKE BACKWASH WATER; 8.4 MGD BOILER BLOWDOWN, ASH TRANSPORT, AND ASH HOPPER SEAL WATERS, REGENERATION WATER, AND MISC. FLOOR DRAIN AND STORMWATER DISCHARGES	
YORK	THE GOLDENROD	W-002862	06/17/15	5R			X			RESTAURANT & CANDY FACTORY; 20,000 GPD NON-CONTACT COOLING WATER DISCHARGE	

	LICENSES	MEPDES	TYPE	MAJ	TOX	SURF	SUB	SPRAY	COMPLIANCE STATUS
<b>TOTALS</b>	<b>213</b>	<b>173</b>	<b>---</b>	<b>16</b>	<b>17</b>	<b>173</b>	<b>12</b>	<b>34</b>	<b>EL = 4    SNC = 14</b>

\* (Does not include FinFish Aquaculture facilities licensed under General Permit #MEG130000 – see Appendix C.)



**APPENDIX B**  
**NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2010**

**KEY TO COLUMN HEADINGS**

<b>LOCATION</b>	Municipality in which discharge is located.
<b>LICENSEE</b>	Name of license holder.
<b>LICENSE #</b>	DEP waste water facility/license number.
<b>EXP. DATE</b>	Expiration date of last DEP license issued for the facility.
<b>TYPE</b>	Type code and base fee category for the facility:
	5J Sanitary wastewater, commercial source
	5N Major industrial facility--process wastewater discharge
	5O Minor industrial facility--process wastewater discharge
	5P Food handling or packaging wastewater
	6E Fish rearing facility, less than 100,000 GPD
	6F Fish rearing facility, greater than 100,000 GPD
	6G Marine aquaculture facility (individual permit)
	6H Marine aquaculture facility (general permit)
	5R Non-contact cooling water
	5S Industrial/Commercial source--miscellaneous or incidental non-process wastewater
	5U Aquatic pesticide application
	5V Snow dump
	5X Log storage permit
	5Y Atlantic salmon aquaculture facility (general permit)
	5Z Experimental discharge license
<b>MAJOR</b>	Major discharge facility.
<b>TOX</b>	Facility is subject to toxicity testing.
<b>SURF</b>	Facility discharges to surface water.
<b>SUB</b>	Facility discharges through subsurface system.
<b>SPRAY</b>	Facility discharges through spray irrigation (i.e., land application) system.
<b>COMPLIANCE STATUS</b>	Indicates if the facility was in Significant Non Compliance (SNC) or Exception List (EL) during the year, includes quarters and parameters. A blank space in this column indicates Substantial Compliance. For those facilities that were in SNC or EL a summary of the non compliance can be found in Appendices D and E. Totals at bottom of column only include highest level of non-compliance per facility.

**APPENDIX B**  
**NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2010**

**NOTES**

1. The nineteen type 5J licenses break down as follows: nine are for seasonal land application discharges from commercial campgrounds/summer camps; four are for land application discharges from trailer parks; one is for a seasonal land application discharge from a ski area; four are for seasonal land application discharges of treated septage effluent; and one is for the year-round subsurface discharge of treated septage leachate.
2. The following five licenses are for both surface water and seasonal land application discharges: Houlton—Tate & Lyle Ingredients Americas; Cherryfield—Jasper Wyman; Cherryfield—Cherryfield Foods; Deblois—Jasper Wyman & Sons; and Hancock—Hancock Foods.
3. The following five licenses include approvals for thermal mixing zones: Baileyville—Domtar; Biddeford—MERC; Millinocket—Katahdin Paper; Rumford—Mead Paper; and Westbrook—SD Warren.
4. The following six licensed facilities are currently shut down and are not discharging: Baileyville—Louisiana Pacific Corp; Caribou—WPS New England Generation; Millinocket—Katahdin Paper; Phillips—DIFW; South Bristol—South Bristol Wharf LLC and St. George—Great Eastern Mussel.
5. The following licensed facility is currently in operation but is not discharging: Lisbon—Maine Electronics.
6. The following licensed facility has never been in operation: Belgrade—Pat Jackson.
7. The following two facilities are licensed for the discharge of treated groundwater from a groundwater remediation project: Waldoboro—Osram Sylvania; and Lisbon—Maine Electronics.
8. All land application discharges are seasonal, except for Mars Hill—Freshway, which is licensed to discharge “snowfluent” during the winter.
9. In 2001, all seven fuel oil terminals/transfer facilities in South Portland were changed from major to minor status.
10. The Bath—Bath Iron Works license includes a snow dump discharge to tidewater.
11. The following six facilities are licensed as concentrated animal feeding operations (CAFOs): Clinton—Flood Brothers Inc., Rogers Farm, The Wright Place, Caverly Farms; Dixmont—Martin Stream Farm; and Fort Fairfield—Pineland Farms Natural Meat Inc.

**APPENDIX C**

**FINFISH AQUACULTURE FACILITIES APPROVED UNDER GENERAL PERMIT MEG130000  
AS OF DECEMBER 31, 2010**

<b>LICENSEE</b>	<b>LOCATION</b>	<b>LICENSE #</b>	<b>DATE APPROVED</b>	<b>TYPE</b>	<b>NOTES</b>
ATLANTIC SALMON OF MAINE LLC	MACHIASPORT	W-008165	12/02/08	6H	STARBOARD ISLAND SITE
ATLANTIC SALMON OF MAINE LLC	MACHIASPORT	W-008166	12/02/08	6H	STONE ISLAND SITE
COBSCOOK BAY SALMON	LUBEC	W-009048	08/28/09	6H	COBSCOOK BAY –LUBEC SITE
PHOENIX SALMON US, INC.	PERRY	W-009041	04/28/09	6H	BIRCH POINT SITE
PHOENIX SALMON US, INC.	EASTPORT	W-009040	04/28/09	6H	DEEP COVE SITE
PHOENIX SALMON US, INC.	EASTPORT	W-009043	04/28/09	6H	JOHNSON’S COVE SITE
PHOENIX SALMON US, INC.	LUBEC	W-009042	04/28/09	6H	SOUTH BAY SITE
PHOENIX SALMON US, INC.	CUTLER	W-008228	12/02/08	6H	CUTLER WEST SITE

**NUMBER OF FACILITIES = 8**

NOTE: GENERAL PERMIT MEG130000 EXPIRES SEPTEMBER 22, 2013.

APPENDIX D

**ANTI FOULING PAINT CONTAMINATED VESSEL WASH WATER GENERAL PERMIT MEG170000  
AS OF DECEMBER 31, 2010**

LICENSEE	LOCATION	LICENSE #	DATE APPROVED	TYPE	NOTES
SEAL COVE BOATYARD INC.	BROOKSVILLE	W-009046	9/28/2010	5Y	
HANDY BOAT	FALMOUTH	W-009046	12/28/2010	5Y	
MORRIS YACHTS INC.	MOUNT DESERT	W-009046	8/11/2010	5Y	
GAMAGE SHIPYARD LLC	SOUTH BRISTOL	W-009046	8/12/2010	5Y	
SOUTHPORT MARINE, LLC	SOUTH PORTLAND	W-009046	8/11/2010	5Y	
PORT HARBOR MARINE	SOUTH PORTLAND	W-009046	10/28/2010	5Y	
BOOTHBAY REGION BOATYARD INC.	SOUTHPORT	W-009046	17/28/2010	5Y	
MORRIS YACHTS INC.	TREMONT	W-009046	8/11/2010	5Y	
PEP J MARINE LLC	YORK	W-009046	9/28/2010	5Y	

**NUMBER OF FACILITIES = 9**

NOTE: GENERAL PERMIT MEG170000 EXPIRES OCTOBER 14, 2014.

**APPENDIX E**

**POINT SOURCE DISCHARGERS ON THE EXCEPTIONS LIST (EL)  
Calendar Year 2010**

FACILITY	PARAMETER(S)	STATUS (EL)*
<b>BRUNSWICK GRAHAM ROAD LANDFILL</b>	Zinc Ammonia	1 <sup>st</sup> Quarter 1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> , & 4 <sup>th</sup> Quarter
	<b>ACTIONS:</b> The existing lagoon treatment system lacks the capacity to meet ammonia limits added in the most recent MEPDES permit, pursuant to National Effluent Guidelines (NEG) promulgated by EPA. Efforts to obtain a variance have not been successful. The applicant is working with the DEP to negotiate a consent agreement to modify the treatment works at the landfill to meet NEG.	
<b>CASTINE WASTE WATER TREATMENT FACILITY</b>	Copper	1 <sup>st</sup> , 2 <sup>nd</sup> , & 3 <sup>rd</sup> Quarters
	<b>ACTIONS:</b> Facility has experienced chronic copper problems at the facility. The staff has conducted a toxicity reduction evaluation and the facility outfall has been extended to improve dilution, which should eliminate violations. Information has been included in new permit.	
<b>GRAND LAKE STREAM PLT. IF&amp;W FISH HATCHERY</b>	Formalin	1 <sup>st</sup> Quarter
	<b>ACTIONS:</b> Facility has experienced violations of formalin, which is used to treat eggs at the hatchery. Facility planned upgrades including wastewater treatment system. IF&W notified the DEP that their wastewater treatment plant clarifier was on line as of August 20, 2010	
<b>HERMON HERMON CAR WASH</b>	Diesel Range Organics	1 <sup>st</sup> , 2 <sup>nd</sup> , & 3 <sup>rd</sup> Quarters
	<b>ACTIONS:</b> DEP has been monitoring the situation at this facility. DEP is in the process of modifying policy of monitoring car wash discharges for diesel range organics and gasoline range organics and switching to extractable petroleum hydrocarbons volatile petroleum hydrocarbons for petroleum criteria.	

**APPENDIX E**

**POINT SOURCE DISCHARGERS ON THE EXCEPTIONS LIST (EL)  
Calendar Year 2010**

FACILITY	PARAMETER(S)	STATUS (EL)*
<b>ORLAND  CRAIG BROOK NATIONAL FISH HATCHERY</b>	Phosphorus Formalin	4 <sup>th</sup> Quarter 1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> & 4 <sup>th</sup> Quarters
<b>PARIS – SOUTH PARIS  PARIS UTILITY DISTRICT</b>	Copper	1 <sup>st</sup> Quarter
<b>PORTLAND  PORTLAND WATER DISTRICT EAST END TREATMENT FACILITY</b>	Fecal Coliform Settleable Solids	1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup> Quarters 2 <sup>nd</sup> & 3 <sup>rd</sup> Quarters
<b>PORTLAND  ISF TRADING COMPANY</b>	Low pH Settleable Solids	1 <sup>st</sup> Quarter 3 <sup>rd</sup> Quarter

**APPENDIX F**

**POINT SOURCE DISCHARGERS SIGNIFICANT NON-COMPLIANCE (SNC)  
Calendar Year 2010**

FACILITY	PARAMETER(S)	STATUS (SNC)
<p><b>AUGUSTA</b></p> <p><b>IF&amp;W - GOVERNOR HILL HATCHERY</b></p>	<p>Phosphorus</p> <p><b>ACTIONS:</b> DEP has done a consent agreement with IF&amp;W that addressed all past violations at this facility. Facility has done some additional testing to determine what fraction of the phosphorus is soluble to determine potential of existing treatment works.</p>	<p>3<sup>rd</sup> Quarter</p>
<p><b>BAR HARBOR</b></p> <p><b>MAIN TREATMENT PLANT</b></p>	<p>Arsenic</p> <p><b>ACTIONS:</b> DEP met with Facility operator to discuss arsenic at their request. Town is doing split sampling and will send along results. Next step may be to isolate source with additional testing.</p>	<p>3<sup>rd</sup> Quarter</p>
<p><b>CHERRYFIELD</b></p> <p><b>JASPER WYMAN &amp; SONS</b></p>	<p>Biochemical Oxygen Demand</p> <p><b>ACTIONS:</b> This permit has been reevaluated by licensing staff and a modification will be made which will result in lbs limits only. This is in keeping with National Effluent Guidelines for this type of industry.</p>	<p>1<sup>st</sup>, 2<sup>nd</sup>, &amp; 4<sup>th</sup> Quarters</p>
<p><b>EASTPORT</b></p> <p><b>MAIN TREATMENT PLANT</b></p>	<p>Biochemical Oxygen Demand Fecal Coliforms</p> <p><b>ACTIONS:</b> Facility experienced a number of operational problems. New operator in charge of plant, and a number of operational improvements have been instituted. DEP monitoring the situation at this facility.</p>	<p>3<sup>rd</sup> Quarter 4<sup>th</sup> Quarter</p>
<p><b>ELLSWORTH</b></p> <p><b>MAIN TREATMENT PLANT</b></p>	<p>Settleable Solids</p> <p><b>ACTIONS:</b> Facility has experienced a number of settleable solids violations. DEP is monitoring this situation since the community is in the process of constructing a new treatment facility at a different location.</p>	<p>1<sup>st</sup>, &amp; 3<sup>rd</sup> Quarters</p>

**APPENDIX F**

**POINT SOURCE DISCHARGERS SIGNIFICANT NON-COMPLIANCE (SNC)  
Calendar Year 2010**

FACILITY	PARAMETER(S)	STATUS (SNC)
<b>EMBDEN</b>  <b>IF&amp;W FISH HATCHERY</b>	Phosphorus	3 <sup>rd</sup> Quarter
<b>ENFIELD</b>  <b>IF&amp;W FISH HATCHERY</b>	Flow Phosphorus	2 <sup>nd</sup> Quarter 3 <sup>rd</sup> Quarter
<b>FORT FAIRFIELD</b>  <b>TRI-COMMUNITY RECYCLING &amp; SANITARY LANDFILL</b>	Total Suspended Solids	3 <sup>rd</sup> Quarter
<b>GOULDSBORO</b>  <b>BUMBLE BEE SEAFOODS, LLC</b>	Flow	1 <sup>st</sup> Quarter
<b>GRAY</b>  <b>IF&amp;W FISH HATCHERY</b>	Phosphorous	3 <sup>rd</sup> Quarter



**APPENDIX F**

**POINT SOURCE DISCHARGERS SIGNIFICANT NON-COMPLIANCE (SNC)  
Calendar Year 2010**

FACILITY	PARAMETER(S)	STATUS (SNC)
<b>HARTLAND WASTE WATER TREATMENT FACILITY</b>	Chromium  <b>ACTIONS:</b> Facility has experienced violations due to discharge from tannery. DEP worked with Town and tannery owners recently to facilitate the sale of the tannery to a new owner. New owner prioritizing the installation of a bag house to remove tannery waste from wastewater flow. Should address violations experienced in the past.	1 <sup>st</sup> Quarter
<b>KENNEBUNK WASTE WATER TREATMENT FACILITY</b>	Ammonia  <b>ACTIONS:</b> Facility has experienced some ammonia violations in the past year. DEP has provided technical assistance to attempt to identify root cause of problems and find potential solution to alleviate problems at the facility.	3 <sup>rd</sup> Quarter
<b>KITTERY WASTE WATER TREATMENT FACILITY</b>	Settleable Solids  <b>ACTIONS:</b> Facility has modified wet weather procedures and done some process control system improvements to assist in attempting to eliminate future settleable solids violations. DEP monitoring the situation.	1 <sup>st</sup> Quarter
<b>LUBEC WASTE WATER TREATMENT FACILITY</b>	Biochemical Oxygen Demand  <b>ACTIONS:</b> DEP has sent the Town a letter of warning for the ongoing BOD violations. The DEP has also provided technical assistance to the operations staff to evaluate operations, chemical use, and sludge management strategies to determine if any process control modifications can be identified and shared with the operations staff.	3 <sup>rd</sup> Quarter
<b>MILBRIDGE WASTE WATER TREATMENT FACILITY</b>	Fecal Coliform  <b>ACTIONS:</b> Facility experienced a temporary power interruption that caused disruption to the deliver of disinfection chemicals. Operator proposed to install an uninterrupted power supply with an alarm to prevent a repeat occurrence of a similar situation.	3 <sup>rd</sup> Quarter

**APPENDIX F**

**POINT SOURCE DISCHARGERS SIGNIFICANT NON-COMPLIANCE (SNC)  
Calendar Year 2010**

FACILITY	PARAMETER(S)	STATUS (SNC)
<b>NEW GLOUCESTER IF&amp;W FISH HATCHERY</b>	Phosphorous Total Suspended Solids	3 <sup>rd</sup> Quarter 2 <sup>nd</sup> Quarter
	<b>ACTIONS:</b> DEP has done a consent agreement with IF&W that addressed all past violations at this facility. DEP is evaluating the performance of this treatment works and how it's performance will work in conjunction with the proposed nutrient regulations	
<b>ORLAND CRAIG BROOK NATIONAL FISH HATCHERY</b>	Phosphorus	3 <sup>rd</sup> Quarter
	<b>ACTIONS:</b> DEP has issued this facility a notice of violation for the ongoing phosphorus and formalin violations. DEP is monitoring the facilities response to the NOV and evaluate any proposed changes and their effect on overall compliance at this facility.	
<b>ORONO –VEAZIE ORONO VEAZIE WATER DISTRICT</b>	Total Suspended Solids	1 <sup>st</sup> Quarter
	<b>ACTIONS:</b> Facility experienced some license limit violations of TSS due to high water demand coupled with some construction activities related to a treatment facility upgrade that was going on in 2010. DEP monitored this situation throughout construction.	
<b>PARIS - SOUTH PARIS PARIS UTILITIES DISTRICT</b>	Copper	4 <sup>th</sup> Quarter
	<b>ACTIONS:</b> District has been working on the issue of copper violations for an extended period of time. Facility has conducted a toxicity reduction evaluation to try to isolate the source of the copper to attempt to reduce or eliminate the discharge. Status of the consent agreement is that they will be implementing an asset management plan, they have completed phase II of their construction projects, and they have submitted a report to support their desire to derive a site specific water quality criteria for copper. Currently under review at DEP.	

**APPENDIX F**

**POINT SOURCE DISCHARGERS SIGNIFICANT NON-COMPLIANCE (SNC)  
Calendar Year 2010**

FACILITY	PARAMETER(S)	STATUS (SNC)
<b>PLYMOUTH SOIL PREPARATION INC.</b>	Freeboard  <b>ACTIONS:</b> DEP send an notice of violation for not maintaining adequate freeboard in their lagoons. NOV requested a response from facility detailing their response to this plan. Plan submitted and found to be acceptable.	2 <sup>nd</sup> Quarter
<b>PORTLAND PORTLAND WATER DISTRICT EAST END TREATMENT FACILITY</b>	Settleable Solids  <b>ACTIONS:</b> Facility experienced some operational problems due to rainfall events causing excessive inflow and infiltration. Also experienced salt water intrusion through outfall due to storm events. These events coupled with polymer delivery problems with pumping equipment. Equipment upgrades and some modifications to operations have led to operational improvements.	1 <sup>st</sup> Quarter
<b>PORTLAND ISF TRADING COMPANY</b>	Settleable Solids  <b>ACTIONS:</b> Facility has experienced numerous violations of settleable solids. DEP has made a technical assistance visit and made some operational suggestions that would help reduce the discharge of settleable solids. DEP will monitor the progress of implementing the suggested modifications and subsequent compliance of the facility.	2 <sup>nd</sup> Quarter
<b>PRESQUE ISLE PRESQUE ISLE LANDFILL</b>	Sodium  <b>ACTIONS:</b> The facility experienced high levels of sodium from groundwater samples taken from one of their monitoring wells. Prior to 2010 there was no problem here despite loading rates that really haven't changed over the years The DEP will be monitoring this situation and will re-evaluate the situation when snow cover melts so the groundwater monitoring well can be properly inspected for possible damage.	4 <sup>th</sup> Quarter

**APPENDIX F**

**POINT SOURCE DISCHARGERS SIGNIFICANT NON-COMPLIANCE (SNC)  
Calendar Year 2010**

FACILITY	PARAMETER(S)	STATUS (SNC)
<b>SOUTH PORTLAND  SPRAGUE ENERGY CORP</b>	Total Suspended Solids	4 <sup>th</sup> Quarter
	<b>ACTIONS:</b> Facility has experienced some TSS violations as a result of construction activities, which caused some disturbed soil to be eroded. Parking and driving areas have been regraded and repaved, and stormwater management has been improved. DEP will monitor the situation moving forward to ensure facility returns to compliance.	
<b>TURNER  CONTRACT FARMING OF MAINE LLC</b>	Total Suspended Solids	4 <sup>th</sup> Quarter
	<b>ACTIONS:</b> Facility has a limitation in their license that stipulates that if the concentration of TSS is at or above 100 mg/L in the lagoon, then they are not allowed to spray effluent on the spray fields. Facility did not spray effluent during this time, they waited for the concentrations to be reduced. DEP is monitoring the situation.	
<b>WINTERPORT  WINTERPORT WASTE WATER TREATMENT FACILITY</b>	Flow	1 <sup>st</sup> Quarter
	<b>ACTIONS:</b> Facility experienced flow violations as a result of excessive rainfall coupled with the associated snowmelt. The facility implemented their Wet Weather Management Plan and continues to implement the approved CSO Master plan.	

**APPENDIX G**

**PROJECTS FUNDED BY THE CLEAN WATER STATE REVOLVING LOAN FUND (CWSRF)  
DURING THE STATE FISCAL YEAR 2010:**

<b>PROJECT</b>	<b>PROJECT AMOUNT</b>
<b>CITY OF BANGOR:</b> (ARRA) BIRCH STREAM WATER QUALITY ROJECTS	\$1,980,000.00
<b>CITY OF BANGOR:</b> (ARRA) PENJAJAWOC STREAM WATER QUALITY PROJECTS	\$1,040,000.00
<b>CITY OF BATH:</b> (ARRA) ASPEN LANE SEPARATION – CSO ABATEMENT	\$57,488.00
<b>CITY OF BELFAST:</b> SEWER SEPARATION – CSO ABATEMENT	\$2,710,000.00
<b>BOOTHBAY HARBOR SEWER DISTRICT:</b> DEWATERING SYSTEM REPLACEMENT	\$308,870.00
<b>CITY OF BREWER:</b> (ARRA) JEFFERSON STREET AREA SEWER SEPARATION – CSO ABATEMENT	\$750,877.00
<b>CITY OF CALAIS:</b> REFINANCE OF RURAL DEVELOPMENT SEWER LOAN	\$978,822.23
<b>CITY OF CALAIS:</b> REFINANCE OF RURAL DEVELOPMENT SEWER LOAN	\$943,371.25
<b>CUMBERLAND COUNTY SOIL &amp; WATER CONSERVATION DISTRICT:</b> (ARRA) LONG CREEK WATERSHED WATER QUALITY PROJECTS	\$2,095,000.00
<b>TOWN OF FAIRFIELD:</b> (ARRA) SEWER SEPARATION PROJECTS – CSO ABATEMENT	\$753,413.00
<b>GREATER AUGUSTA UTILITY DISTRICT:</b> SECONDARY DISINFECTION IMPROVEMENTS	\$1,766,000.00
<b>TOWN OF HAMPDEN:</b> SEWER REPLACEMENT ENCOMPASSING AN AREA OF RT. 1A AND NEIGHBORING STREETS.	\$1,850,000.00
<b>TOWN OF HARTLAND:</b> REFINANCE OF LANDFILL CLOSURE LOAN	\$192,031.95
<b>CITY OF KITTERY:</b> REFINANCE OF RURAL DEVELOPMENT SEWER LOAN	\$3,268,766.45
<b>CITY OF LEWISTON:</b> (ARRA) GOFF BROOK CSO STORAGE FACILITY	\$916,000.00
<b>LORING DEVELOPMENT AUTHORITY:</b> (ARRA) SEWER REPLACEMENT	\$860,000.00
<b>TOWN OF MACHIAS:</b> (ARRA) WASTEWATER TREATMENT FACILITIES UPGRADE	\$1,186,994.00
<b>MAINE FOREST SERVICE:</b> FUNDS FOR DIRECT LINK PROGRAM TO ADDRESS NON-POINT SOURCE POLLUTION FROM TIMBER HARVESTING	\$3,680,756.64
<b>TOWN OF PITTSFIELD:</b> LAGOON SLUDGE REMOVAL AND SEWER REPLACEMENT	\$1,900,000.00
<b>CITY OF PORTLAND:</b> SEWER SEPARATION 2009 - CSO ABATEMENT	\$14,422,500.00
<b>TOWN OF SAINT AGATHA:</b> REFINANCE OF RURAL DEVELOPMENT LOAN	\$725,000.00
<b>SOUTH BERWICK SEWER DISTRICT:</b> PUMP STATION REPLACEMENT	\$615,300.00
<b>CITY OF SOUTH PORTLAND:</b> (ARRA) LONG CREEK PUMPSTATION REPLACEMENT	\$749,716.00
<b>WARREN SANITARY DISTRICT:</b> REFINANCE OF RURAL DEVELOPMENT SEWER LOAN	\$1,605,121.00
<b>WINTERPORT WATER AND SEWER DISTRICT:</b> (ARRA) SEWER REPLACEMENT	\$500,000.00
<b>WINTERPORT WATER AND SEWER DISTRICT:</b> (ARRA) SEWER REPLACEMENT	\$685,379.00
<b>TOTAL</b>	<b>\$46,519,406.52</b>

ARRA = AMERICAN RECOVERY AND REINVESTMENT ACT

**APPENDIX H**  
**POTW PROJECTED UPGRADE NEEDS**

**POTW PROJECTED UPGRADE NEEDS**

Maine's CWSRF was established to maintain and improve the state's inventory of POTWs in perpetuity. However, the state's wastewater infrastructure needs are greater than the fund's ability to provide affordable financing. Many communities, especially smaller, less affluent communities and districts, do not have the financial capability to borrow the sums of money needed to stop continued deterioration of sewers, pump stations and treatment facilities. The table below lists wastewater needs as of January of 2011. These needs are determined from engineering studies and capital improvement plans for municipalities and districts.

**MAINE WASTEWATER FACILITIES NEEDS**

Prepared by Maine DEP

MUNICIPALITY OR DISTRICT	PROPOSED PROJECT	COSTS NEXT FIVE YEARS	TOTAL COSTS
ANSON MADISON SANITARY DISTRICT	ROUTE 201 SEWER EXTENSION	\$0	\$2,430,606
ANSON MADISON SANITARY DISTRICT	I/I SEWER REHABILITATION	\$959,400	\$959,400
ASHLAND WATER & SEWER DISTRICT	WATT ST/RTE 11 SEWER EXTENSION	\$576,982	\$576,982
AUBURN SEWERAGE DISTRICT	CSO SEWERS	\$1,548,152	\$1,548,152
BAILEYVILLE WWTF	SEWER LINE REHAB/REPLACEMENT	\$0	\$4,057,829
BAILEYVILLE WWTF	TREATMENT PLANT IMPROVEMENTS	\$0	\$2,810,596
BANGOR	CSO SEWER WORK	\$9,546,940	\$9,546,940
BANGOR POLLUTION ABATEMENT FACILITY	TREATMENT PLANT IMPROVEMENTS	\$5,194,939	\$5,194,939
BAR HARBOR	CSO SEWER WORK	\$1,815,310	\$13,241,864
BATH	CSO SEWER WORK	\$1,279,806	\$2,714,427
BATH WTP	TREATMENT PLANT IMPROVEMENTS	\$476,500	\$476,500
BATH WTP	SEWER REHAB & PS IMPROVEMENTS	\$564,000	\$564,000
BELFAST	CSO SEWER WORK	\$1,068,225	\$4,696,062
BENTON COLLECTION SYSTEM	PUMP STATION REPLACEMENT	\$43,916	\$43,916
BERWICK SEWER DISTRICT	TREATMENT PLANT IMPROVEMENTS	\$1,971,431	\$1,971,431
BERWICK SEWER DISTRICT	PUMP STATION UPGRADE	\$623,436	\$623,436
BERWICK SEWER DISTRICT	NEW SEWER LINES AND P.S.	\$0	\$28,687,261
BETHEL	TMDL STUDY TO BE DONE	\$0	\$0
BETHEL WWTF	ROUTE 2 MAYVILLE AREA SEWER EXT. SEWER REHAB AND MILL HILL P.S.	\$1,807,487	\$1,807,487
BETHEL WWTF	UPGRADE	\$751,742	\$751,742
BIDDEFORD	CSO SEWER WORK	\$9,288,915	\$36,876,991
BIDDEFORD	SEWER REPLACEMENT - BERNARD/MARION	\$150,000	\$150,000
BIDDEFORD	AIRPORT PS	\$250,000	\$250,000
BIDDEFORD	SLUDGE DEWATERING PRESS	\$1,500,000	\$1,500,000
BIDDEFORD	PUMP REPLACEMENT	\$75,000	\$75,000

## APPENDIX H POTW PROJECTED UPGRADE NEEDS

BIDDEFORD POOL	TREATMENT PROCESS UPGRADE	\$239,764	\$239,764
BINGHAM SEWAGE TREATMENT	NEW SEWER LINES AND P.S.	\$503,628	\$503,628
BOOTHBAY HARBOR SEWER DISTRICT	TREATMENT PLANT PROCESS UPGRADES	\$500,619	\$500,619
BOOTHBAY HARBOR SEWER DISTRICT	SEWER REHAB AND REPLACEMENT	\$449,296	\$449,296
BOOTHBAY HARBOR SEWER DISTRICT	SEWER EXTENSIONS	\$648,983	\$648,983
BOOTHBAY SEWERS	NEW SEWER EXT. & PUMP STATIONS	\$2,845,687	\$2,845,687
BREWER	CSO SEWER WORK DECENTRALIZED SYSTEM	\$1,750,651	\$1,750,651
BRIDGTON STP	IMPROVEMENT	\$2,121,518	\$2,121,518
BRUNSWICK SEWER DISTRICT	TREATMENT PLANT IMPROVEMENTS	\$1,274,003	\$12,603,407
BRUNSWICK SEWER DISTRICT	SEWER LINE REHAB/REPLACEMENT	\$1,782,504	\$3,873,217
BUCKSPORT WWTF	CSO SEWER WORK	\$516,051	\$516,051
BUCKSPORT WWTF	UPGRADE TO SECONDARY TREATMENT	\$227,285	\$5,682,136
CALAIS WWTF	TREATMENT PLANT UPGRADES	\$3,808,000	\$3,808,000
CALAIS WWTF	SEWER EXT. TO H.S. & COMM. COLL.	\$3,275,120	\$3,275,120
CALAIS WWTF	CSO SEWER WORK	\$3,915,000	\$3,915,000
CAMDEN WPCF	SEWER REHAB/REPLACEMENT	\$4,210,737	\$4,210,737
CARIBOU UTILITY DISTRICT	SEWER REHAB/REPLACEMENT	\$2,839,160	\$2,839,160
CARMEL	WWTF & SEWERS	\$1,340,030	\$1,340,030
CASTINE	I/I REHAB	\$2,541,088	\$2,541,088
CHERRYFIELD	PROPOSED TREATMENT PLANT	\$0	\$1,687,186
CHERRYFIELD	PROPOSED COLLECTION LINES	\$0	\$4,307,608
DEXTER UTILITY DISTRICT	REPLACE LAGOON AERATION & CLEAN	\$829,918	\$829,918
DEXTER UTILITY DISTRICT	PUMP STATION UPGRADES/REPLACE	\$766,078	\$766,078
DOVER-FOXCROFT	TMDL STUDY TO BE DONE	\$0	\$0
EAGLE LAKE	ADDITION OF OFFICES, STORAGE & ROOF	\$150,000	\$150,000
EDGECOMB, TOWN OF	SEWER EXT. TO NEWCASTLE TOWNLINE	\$7,359,966	\$7,359,966
ELLSWORTH TREATMENT PLANT	SEWER LINE REHAB/REPLACEMENT	\$338,660	\$338,660
FAIRFIELD	CSO SEWER WORK	\$596,555	\$596,555
FALMOUTH WWTF	P.S. UPGRADES	\$3,973,084	\$4,582,636
FARMINGTON	SEWER REPLACEMENT	\$425,356	\$555,172
FARMINGTON	TMDL STUDY TO BE DONE	\$0	\$0
FARMINGTON WATER POLLUTION	TREATMENT PLANT UPGRADES	\$736,454	\$736,454
FARMINGTON WATER POLLUTION	PHOSPHORUS REMOVAL UPGRADE	\$568,328	\$568,328
FARMINGTON WATER POLLUTION	ASBESTOS-CONCRETE SEWER REPLACE	\$1,626,130	\$1,626,130
GARDINER WPCF	TREATMENT PLANT UPGRADES	\$325,619	\$2,217,217
GARDINER WPCF	CSO SEWER WORK	\$1,548,152	\$1,548,152
GARDINER WPCF	SEWER LINE REHAB & PS UPGRADE	\$60,114	\$95,181
GREAT SALT BAY SANITARY DISTRICT	NEW LAGOON INSTALLATION	\$0	\$1,708,986
GREATER AUGUSTA UTILITY DISTRICT	SEWER LINE REHAB/REPLACEMENT	\$0	\$19,367,885

## APPENDIX H POTW PROJECTED UPGRADE NEEDS

GREATER AUGUSTA UTILITY DISTRICT	NEW SEWER LINE EXTENSIONS	\$0	\$7,136,347
GREATER AUGUSTA UTILITY DISTRICT	CSO SEWERS	\$16,513,626	\$19,609,931
HAMPDEN	SEWER SEPARATION	\$5,519,500	\$5,519,500
HARRISON SEPTICS	NEW COLLECTION AND TREATMENT	\$0	\$6,119,968
HARTLAND	WWTP UPGRADE	\$500,000	\$500,000
HOULTON	WWTP UPGRADE	\$0	\$7,955,496
HOULTON WPCF	SEWER LINE REHAB/REPLACEMENT	\$820,281	\$820,281
HOWLAND TREATMENT PLANT	FORCE MAIN RIVER CROSSING	\$277,769	\$277,769
INDIAN ISLAND WWTP	SEWER LINE REHAB/REPLACEMENT	\$1,032,025	\$1,032,025
INDIAN ISLAND WWTP	SEWER IMPROVEMENTS	\$1,000,000	\$0
INDIAN TOWNSHIP WWTF	PUMP STATION UPGRADES	\$500,000	\$0
INDIAN TOWNSHIP WWTF	FACILITY IMPROVEMENTS-SNOWMAKING	\$0	\$2,142,547
ISLESBORO TREATMENT FACILITY	TREATMENT FACILITY IMPROVEMENTS	\$384,264	\$384,264
JONESPORT STP	NEW WASTEWATER TREATMENT PLANT	\$0	\$2,015,652
JONESPORT STP	NEW COLLECTOR/INTERCEPTOR SEWERS	\$0	\$8,581,720
KENNEBEC WWTF	TREATMENT PLANT IMPROVEMENTS	\$0	\$4,087,837
KENNEBUNK	TMDL STUDY TO BE DONE	\$0	\$0
KENNEBUNK STP	SEWER WORK	\$19,092,574	\$19,092,574
KENNEBUNKPORT WWTF	TREATMENT PLANT IMPROVEMENTS	\$0	\$6,372,432
KENNEBUNKPORT WWTF	SEWER LINE REHAB/REPLACEMENT	\$0	\$1,433,780
KINGFIELD WWTF	DISPOSAL SYSTEM EXPANSION	\$228,528	\$228,528
KITTERY WPCF	TP UPGRADES - FILTRATION,UV,GEN.	\$5,561,891	\$5,561,891
KITTERY WPCF	SEWER LINE REHAB/REPLACEMENT	\$2,288,050	\$2,288,050
KITTERY WPCF	SEWER EXTENSION ALONG RTE 236	\$0	\$4,779,679
LAWPCA	WWTF UPGRADE	\$17,967,359	\$27,844,332
LEWISTON SEWER SYSTEM	SEWER LINE REHAB/REPLACEMENT	\$2,900,000	\$2,900,000
LEWISTON SEWER SYSTEM	CSO SEWER WORK	\$7,224,711	\$7,224,711
LINCOLN S.D.	PUMP STATION REHAB & SEWER ENFIELD/BROADWAY	\$2,203,649	\$2,203,649
LINCOLN WWTF	TREATMENT PLANT UPGRADES	\$2,918,777	\$2,918,777
LINCOLNVILLE BEACH AND CENTER	NEW SEWER COLLECTION LINES	\$0	\$6,258,179
LINCOLNVILLE BEACH AND CENTER	NEW TREATMENT PLANTS	\$0	\$3,082,387
LISBON WPCP	SEWER WORK	\$0	\$12,847,419
LIVERMORE FALLS	TMDL STUDY TO BE DONE	\$0	\$0
LIVERMORE FALLS WWTF	TREATMENT PLANT - P REMOVAL	\$3,340,348	\$3,340,348
MACHIAS WWTF	SEWER EXTENSION	\$396,819	\$396,819
MADAWASKA	CSO SEWER WORK	\$5,799,874	\$13,570,278
MAPLETON STP	SEWER LINE REHAB/REPLACEMENT	\$1,130,836	\$1,130,836
MARS HILL WWTP	SEWER LINE REHAB/REPLACEMENT	\$1,530,211	\$1,530,211
MECHANIC FALLS S.D.	CSO SEWER WORK	\$2,461,562	\$2,461,562
MEXICO SEWER SYSTEM	SEWER LINE REHAB/REPLACEMENT	\$231,838	\$231,838
MILBRIDGE WWTP	SEWER LINE REHAB/REPLACEMENT	\$0	\$1,047,425
MILBRIDGE WWTP	DECENTRALIZED DISPOSAL	\$0	\$759,564
MILFORD COLLECTION SYSTEM	CSO SEWER WORK	\$22,706	\$22,706



## APPENDIX H POTW PROJECTED UPGRADE NEEDS

MILLINOCKET WWTF	SEWER REHAB/REPLACEMENT	\$210,000	\$8,710,000
MOOSEHEAD SANITARY DISTRICT	SEWER EXTENSION	\$150,000	\$150,000
MOOSEHEAD SANITARY DISTRICT	SLUDGE DEWATERING	\$650,000	\$650,000
MT. DESERT	NE HARBOR TF & PS UPGRADES	\$7,413,520	\$9,740,591
NEWPORT	TMDL STUDY TO BE DONE	\$0	\$0
NORTH ANSON C.S.	SEWER LINE REHAB/REPLACEMENT	\$295,130	\$295,130
NORTH JAY	TMDL STUDY TO BE DONE	\$0	\$0
NORTH WINDHAM UNSEWERED AREA	NEW COLLECTION SYSTEM	\$0	\$64,445,676
NORTH WINDHAM UNSEWERED AREA	NEW TREATMENT PLANT	\$0	\$40,376,260
NORTHPORT VILLAGE CORP.	SEWER LINE REHAB/REPLACEMENT	\$0	\$1,736,278
NORTHPORT VILLAGE CORP.	TREATMENT PLANT IMPROVEMENTS	\$0	\$2,109,867
NORTHPORT VILLAGE CORP.	NEW LAGOON	\$0	\$7,398,611
NORWAY STP	LAGOON IMPROVEMENTS	\$116,458	\$116,458
NORWAY STP	SEWER LINE REHAB/REPLACEMENT	\$490,437	\$490,437
OGUNQUIT WWTF	TREATMENT UPGRADE, N REMOVAL	\$5,489,498	\$5,489,498
OGUNQUIT WWTF	PUMP STATION UPGRADES	\$1,406,000	\$4,906,000
OGUNQUIT WWTF	SEWER LINE REHAB/REPLACEMENT	\$2,099,159	\$2,099,159
OLD ORCHARD	SEVEN P.S. UPGRADES	\$4,200,627	\$4,200,627
OLD ORCHARD	SEWER REHAB/REPLACEMENT	\$940,732	\$1,776,938
OLD ORCHARD	SCADA SYSTEM UPGRADE	\$470,366	\$470,366
OLD ORCHARD BEACH WPCF	TREATMENT PLANT IMPROVEMENTS	\$32,625,963	\$32,625,963
OLD TOWN WWTF	TREATMENT PLANT IMPROVEMENTS	\$3,739,516	\$3,739,516
OLD TOWN WWTF	SEWER LINE REHAB/REPLACEMENT	\$8,879,954	\$8,879,954
OLD TOWN WWTF	CSO SEWER WORK	\$4,128,406	\$4,128,406
ORONO WWTP	SEWER LINE REHAB/REPLACEMENT	\$2,569,026	\$17,646,169
ORONO WWTP	TREATMENT PLANT UPGRADE	\$159,754	\$159,754
ORONO WWTP	CSO SEWER WORK	\$0	\$1,530,496
PARIS UTILITY DIST WPC	CSO SEWER WORK	\$226,488	\$226,488
PARIS UTILITY DIST WPC	TREATMENT UPGRADE, CU REMOVAL	\$4,666,452	\$4,666,452
PARIS UTILITY DIST WPC	SEWER REHAB/REPLACEMENT	\$499,802	\$499,802
PARSONSFIELD TREATMENT SYSTEM	DECENTRALIZED TREATMENT SYSTEM	\$0	\$11,401,686
PEAKS ISLAND STP	SEWER LINE REHAB/REPLACEMENT	\$83,326	\$83,326
PITTSFIELD WWTF	SEWER LINE REHAB/REPLACEMENT	\$5,000,000	\$5,000,000
PITTSFIELD WWTF	SOLAR DRYING TREATMENT	\$1,578,399	\$1,578,399
PLEASANT PT WWTF	SEWER LINE & PS REHAB/UPGRADE	\$6,392,377	\$6,392,377
PORTLAND EAST END WWTF	SEWER LINE REHAB/REPLACEMENT	\$1,622,747	\$1,622,747
PORTLAND W.D.	WWTF UPGRADE-PORTLAND	\$1,784,934	\$1,784,934
PORTLAND W.D.	EAST END WWTF UPGRADES	\$9,240,526	\$9,240,526
PORTLAND W.D.	PORTLAND PUMP STATION	\$1,458,334	\$14,583,775
PORTLAND W.D.	WESTBROOK CSO	\$998,436	\$998,436
PORTLAND W.D.	CPE - WESTBROOK	\$2,521,983	\$2,521,983
PORTLAND, CITY OF	CSO SEWER WORK TIER 2	\$32,552,653	\$32,552,653
PORTLAND, CITY OF	CSO SEWER WORK TIER 3	\$16,975,310	\$169,753,100
PRESQUE ISLE WWTF	SEWER LINE REHAB/REPLACEMENT	\$5,900,000	\$5,900,000

## APPENDIX H POTW PROJECTED UPGRADE NEEDS

RANDOLPH, TOWN OF	CSO SEWER WORK	\$129,013	\$129,013
RANGELEY WWTF	GEN., PUMP RR, SIPHON, SEWER	\$1,507,500	\$1,507,500
ROCKLAND WWTF	TREATMENT PLANT IMPROVEMENTS	\$5,669,358	\$15,977,281
RUMFORD	SEWER REPLACEMENT	\$1,285,000	\$1,285,000
RUMFORD	TMDL STUDY TO BE DONE	\$0	\$0
RUMFORD-MEXICO SF	TREATMENT UPGRADE - P REMOVAL	\$0	\$4,046,960
S CAPE ELIZABETH WWTF	PUMP STATION UPGRADES	\$1,472,693	\$1,472,693
S CAPE ELIZABETH WWTF	TREATMENT PLANT UPGRADES	\$1,148,202	\$1,148,202
SABATTUS	TMDL STUDY TO BE DONE	\$0	\$0
SACO	CSO SEWER WORK	\$258,025	\$258,025
SANFORD S.D.	CSO SEWER WORK	\$524,790	\$524,790
SANFORD WWTF	SEWER LINE REHAB/REPLACEMENT	\$3,777,208	\$4,883,241
SANFORD WWTF	NEW SEWER LINE EXTENSIONS	\$0	\$13,354,476
SKOWHEGAN WWTF	SEWER LINE REHAB/REPLACEMENT	\$2,848,187	\$7,416,397
SKOWHEGAN WWTF	NEW SEWER LINE EXTENSIONS	\$0	\$7,405,059
SKOWHEGAN WWTF	TREATMENT PLANT IMPROVEMENTS	\$1,073,739	\$1,814,132
SKOWHEGAN WWTF	TREATMENT PROCESS UPGRADE	\$0	\$2,834,581
SKOWHEGAN, TOWN OF	CSO SEWER WORK	\$516,051	\$516,051
SORRENTO WWTF	DECENTRALIZED INGROUND SYSTEMS	\$0	\$1,054,878
	TP UPGRADE, BELT FILTER PRESS FOR		
	SLUDGE	\$500,000	\$500,000
SOUTH BERWICK SEWAGE PLANT	SEWER LINE REHAB/REPLACEMENT	\$1,726,281	\$1,726,281
SOUTH BERWICK SEWAGE PLANT	NEW SEWER LINE EXTENSION	\$0	\$1,017,623
SOUTH PORTLAND	CSO SEWER WORK	\$6,520,966	\$8,979,691
SOUTH PORTLAND STP	SEWER LINE REHAB/REPLACEMENT	\$3,397,800	\$3,687,800
SOUTH PORTLAND STP	TREATMENT PLANT UPGRADE/IMP.	\$0	\$20,556,729
SOUTHWEST HARBOR	TREATMENT PLANT UPGRADE	\$5,000,000	\$5,000,000
SOUTHWEST HARBOR	SEWER SYSTEM REHAB	\$0	\$4,000,000
ST. AGATHA WWTF	SEWER LINE REHAB/REPLACEMENT	\$0	\$987,108
STOCKTON SPRINGS WWTF	NEW SEWER COLLECTION SYSTEM	\$0	\$14,095,896
STOCKTON SPRINGS WWTF	NEW TREATMENT PLANT	\$0	\$6,413,298
STONINGTON WPCF	SEWER LINE REHAB/REPLACEMENT	\$0	\$187,101
STONINGTON WPCF	NEW SEWER EXTENSIONS	\$0	\$1,467,652
TOPSHAM COLLECTION SYSTEM	SEWER LINE REHAB/REPLACEMENT	\$0	\$1,180,242
TOPSHAM COLLECTION SYSTEM	NEW SEWER LINE EXTENSION	\$0	\$2,206,778
UNITY WWTF	SEWER LINE REHAB/REPLACEMENT	\$0	\$77,930
UNITY WWTF	TREATMENT PLANT IMPROVEMENTS	\$0	\$670,194
VASSALBORO	TMDL STUDY TO BE DONE	\$0	\$0
WASHBURN	WWTF UPGRADE & SEWER EXT	\$687,327	\$687,327
WASHBURN STP	TREATMENT PLANT IMPROVEMENTS	\$161,847	\$161,847
WELLS WWTF	NEW SEWER LINE EXTENSION	\$0	\$1,558,591
WELLS WWTF	TREATMENT PLANT UPGRADES	\$0	\$232,230
WESTBROOK	CSO SEWER WORK	\$242,544	\$15,724,068
WESTBROOK WWTF	SEWER LINE REHAB/REPLACEMENT	\$0	\$722,151
WESTBROOK WWTF	TREATMENT PLANT IMPROVEMENTS	\$0	\$7,992,465
WILTON	PHASE 1 - PS UPGRADES	\$4,824,465	\$4,824,465
WILTON	PHASE 2 - TP UPGRADES	\$0	\$5,049,456
WINSLOW	CSO SEWER WORK	\$713,182	\$713,182
WINTER HARBOR WWTF	PS UPGRADE	\$0	\$791,326

**APPENDIX H**  
**POTW PROJECTED UPGRADE NEEDS**

WINTER HARBOR WWTF	TREATMENT PLANT IMPROVEMENTS	\$0	\$338,021
WINTERPORT S.D.	WWTF UPGRADE TO SEC	\$8,284,108	\$8,284,108
WINTHROP SEWER SYSTEM	SEWER LINE REHAB/REPLACEMENT	\$413,029	\$800,484
WISCASSET SEWAGE TREATMENT	SEWER LINE REHAB/REPLACEMENT	\$815,652	\$815,652
WISCASSET SEWAGE TREATMENT	TREATMENT PLANT IMPROVEMENTS	\$0	\$774,318
YARMOUTH	TMDL STUDY TO BE DONE	\$0	\$0
YARMOUTH WWTP	NEW SEWER LINE EXTENSION	\$0	\$15,953,842
YARMOUTH WWTP	TREATMENT PLANT IMPROVEMENTS	\$0	\$1,187,127
YORK WP ABATEMENT FACILITY	SEWER LINE REHAB/REPLACEMENT	\$0	\$2,220,000
YORK WP ABATEMENT FACILITY	NEW SEWER LINE EXTENSIONS	\$0	\$7,000,000
YORK WP ABATEMENT FACILITY	TREATMENT PLANT IMPROVEMENTS	\$1,650,000	\$1,650,000
<b>TOTAL</b>		<b>\$418,116,197</b>	<b>\$1,128,515,173</b>

PS =	PUMP STATION
WWTP =	WASTEWATER TREATMENT PLANT
TMDL =	TOTAL MAXIMUM DAILY LOAD
I/I =	INFLOW AND INFILTRATION



# APPENDIX J

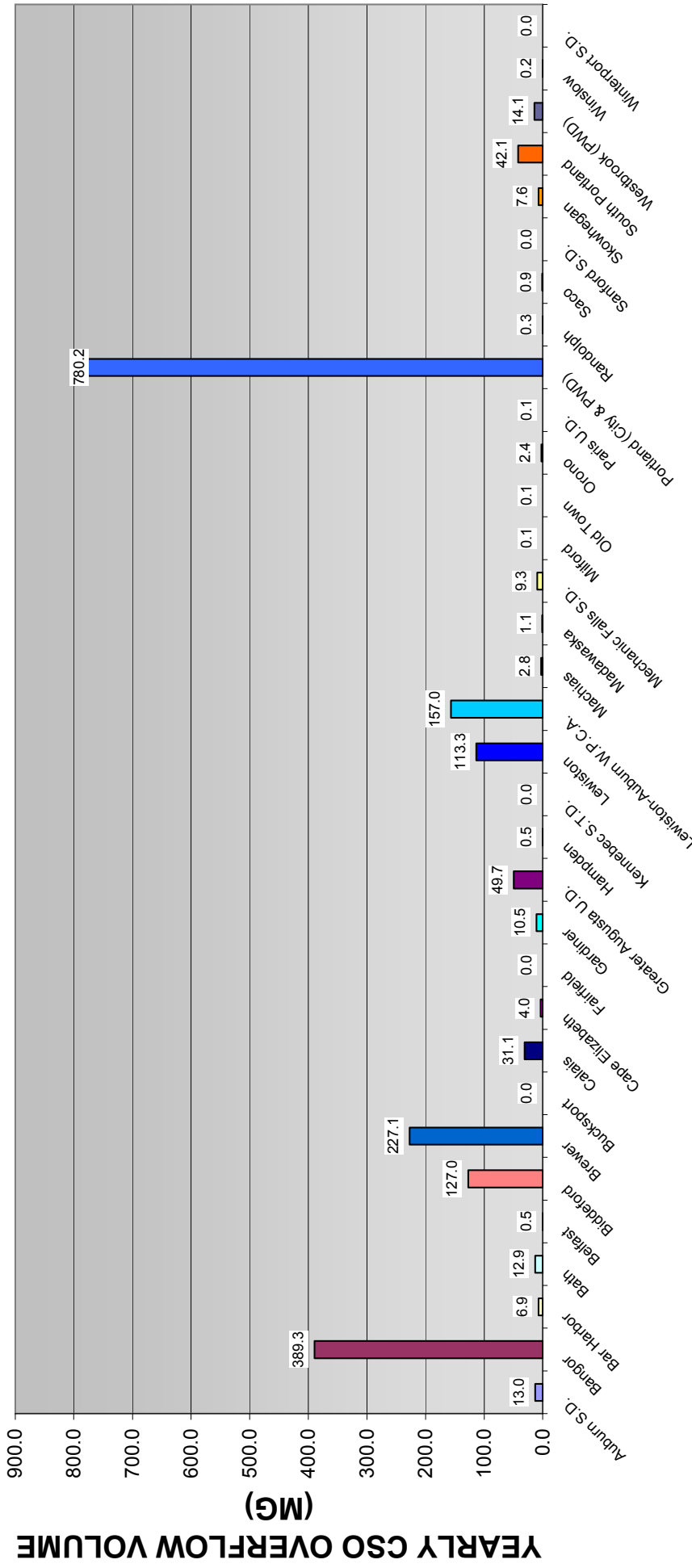
## MAINE CSO COMMUNITY ANNUAL NUMBER OF CSO DISCHARGE EVENTS

Community	NPDES Permit No.	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
<b>Annual Number of CSO Discharge Events</b>																									
<i>(This section contains a large table of data for various communities from 1987 to 2010. The data is partially obscured by a large grey block in the original image.)</i>																									
<b>Total</b>																									
1748    1750    1753    1703    1727    1632    1646    1113    1170    1150    1053    712    959    800    654    1074    816    588    792    709    606																									
<b>Median</b>																									
23    23    23    20    20    20    23    12    10    11    8    4.5    8    4.5    7    5    15    12    5    10.5    12    18																									
<b>Mean</b>																									
39    39    39    38    38    38    39    25    26    26    24    16    22    19    16    27    21    16    23    21    16																									
<i>(Note: Numbers in blue are estimated from LTCPMP or other source.)</i>																									

APPENDIX K



**2010 CSO FLOW COMPARISON BY COMMUNITY**  
**2.00 Billion Gallons**



**CSO COMMUNITY**

## APPENDIX L

### DEP Certificates of Achievement

Every year the Department presents a DEP Certificate of Achievement to professionals in the wastewater field that have done an outstanding job and made significant contributions to protecting and improving the waters of the state. The awards are presented at the Maine Wastewater Control Association fall convention. Recipients for the last 5 years are shown below.

#### 2010

Kent Mitchell – Livermore Falls Wastewater Treatment Plant  
Paul Morin, Mark Duquette & Tom Hollowell – Sabattus Sanitary District  
Sanford Sewerage District  
Steven Tapley – Kittery Wastewater Treatment Plant

#### 2009

Mike Broadbent – Richmond Utilities District  
John Fancy & Richard Robinson – Thomaston Pollution Control Facility  
Russ Mathers – Wilton Wastewater Treatment Facility  
Newport Sanitary District  
Brad Roland – City of Portland  
Bath Wastewater Treatment Plant

#### 2008

City of Bangor Wastewater Treatment Facility  
Tammy Bonner – Former Town Manager – Danforth  
Saco Wastewater Treatment Facility

#### 2007

Mark Soucy, Greg Bernier, Rick Berube and Jared Royal - Fort Kent Wastewater Department  
Jon Carman - J.M.C. Wastewater Services  
Shawn Brown - Norway Wastewater Treatment Facility

#### 2006

Everett Hale – Millinocket Wastewater Treatment Facility  
Gary Levesque - Fort Fairfield Utilities District  
Andre' Gendreau - Grand Isle Wastewater Treatment Facility  
Gorman Chamberlain – Sinclair Wastewater Treatment Facility  
Danny Bolduc, Bill Wood – Oakland Wastewater Treatment Plant  
Gerry Kamke, Everett Ridley, Steve Aievoli, Matt Bergmann, Ryan Leighton – Lisbon Wastewater Treatment Plant  
Jeff Demers – Biddeford Public Works Department