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Status of Licensed Discharges and Combined Sewer Overflow Abatement Program

Maine Department of Environmental Protection

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STATUS OF LICENSED DISCHARGES AND COMBINED SEWER OVERFLOW ABATEMENT PROGRAM

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION
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AUGUSTA, MAINE 04333-0017

APRIL, 2009

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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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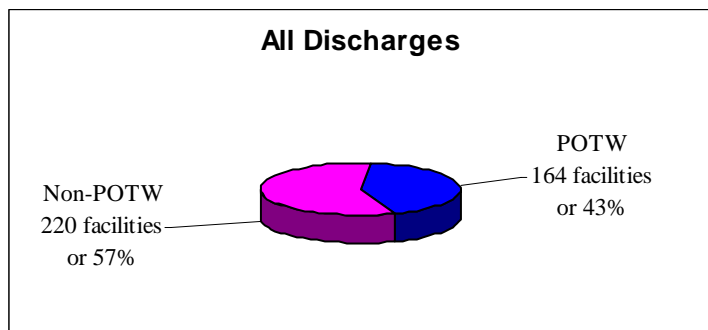
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SUMMARY OF POINT SOURCE DISCHARGES BY TYPE

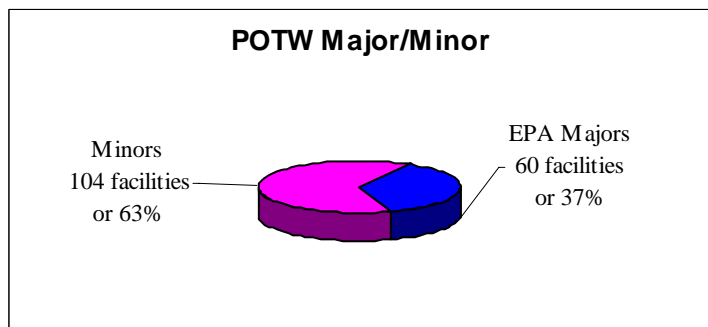
As of December 31, 2008, there were 384 licensed point source discharges in the state of Maine. Of these 384, three are aquaculture facilities covered under a single general permit.

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

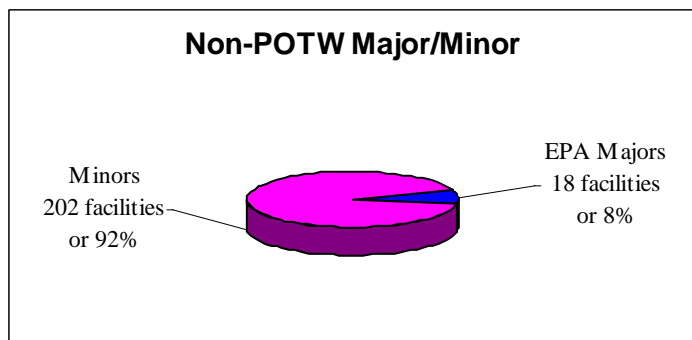
In addition, Appendices A, B and C list all of the discharges by category and location and provide other select information about the discharges.



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.

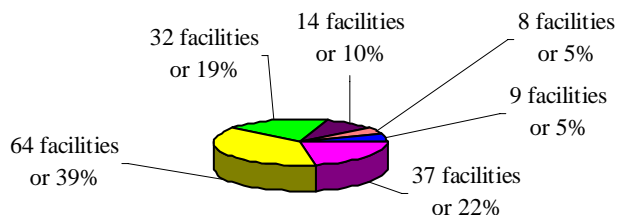


Discharges are further categorized as Major or Minor. Major POTW dischargers are those facilities with design flows greater than one million gallons per day and facilities with approved industrial pretreatment programs. Major Non POTW dischargers are determined by rating criteria developed by the Environmental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



SUMMARY OF POINT SOURCE DISCHARGES BY TYPE

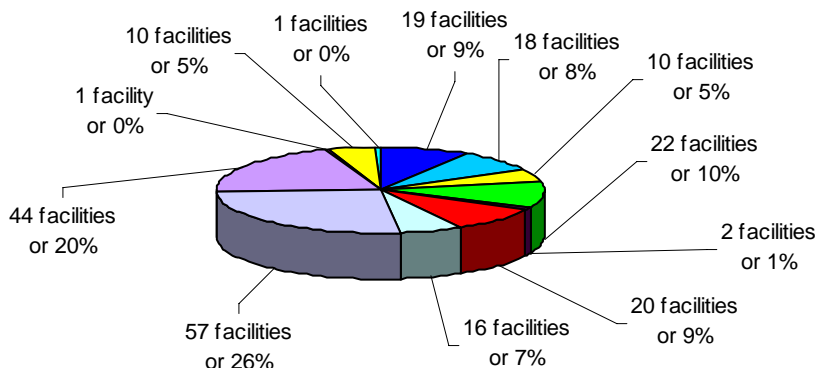
POTW by Description



- Less than 10,000 GPD, with no significant industrial waste
- 10,000 GPD to 100,000 GPD, with no significant industrial waste
- 100,000 GPD to 1 million GPD, with no significant industrial waste
- 1 million GPD to 5 million GPD, with no significant industrial waste
- Over 5 million GPD, or with significant industrial waste
- Combined Sewer Overflow (CSO) only

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.

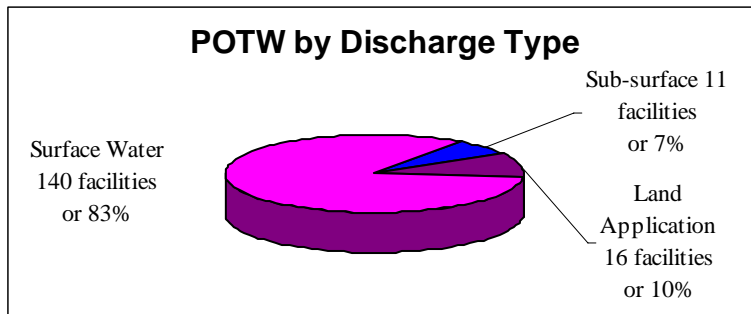
Non-POTW by Description



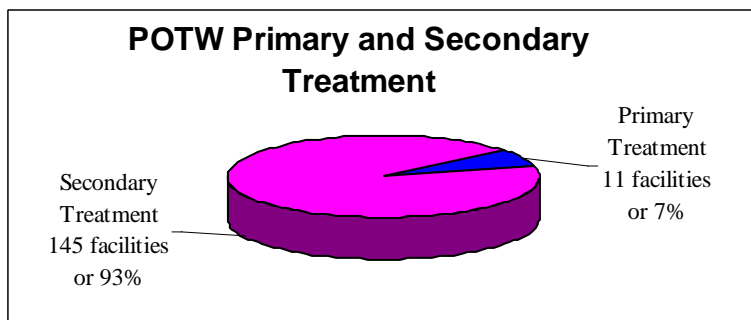
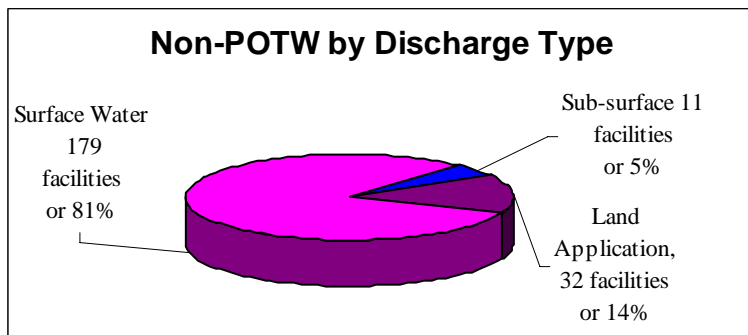
- Sanitary waste water, commercial source
- Major industrial facility, process waste water discharge
- Minor industrial facility, process waste water discharge
- Food handling or packaging waste water
- Fish rearing facility, less than 100,000 GPD
- Fish rearing facility, greater than 100,000 GPD
- Marine aquaculture facility
- Non-contact cooling water
- Industrial/Commercial source, miscellaneous or incidental non-process waste water
- Aquatic pesticide application
- Snow dump
- Experimental discharge license

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 snow dumps.

SUMMARY OF POINT SOURCE DISCHARGES BY TYPE



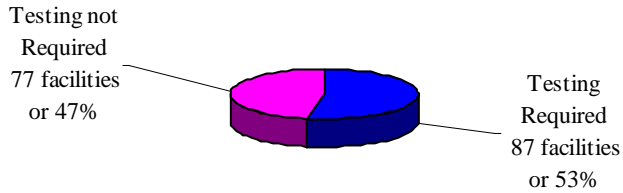
The majority of discharges are to surface waters. However, some facilities discharge via spray irrigation to land, or to subsurface systems. 8 facilities discharge in more than one way.



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). 11 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. (This chart does not include the eight communities that have Combined Sewer Overflows and a sewer system that discharges to a POTW controlled by another entity.)

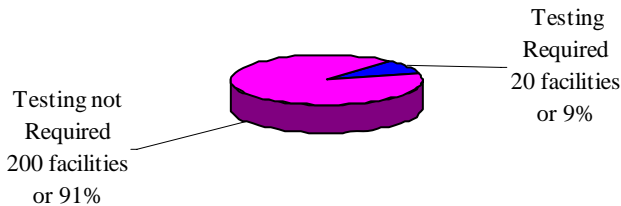
SUMMARY OF POINT SOURCE DISCHARGES BY TYPE

POTW Toxics Testing

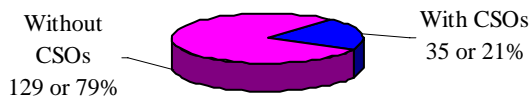


Federal and state law prohibits the discharge of toxic substances in toxic amounts. Department Regulations Chapters 530 and 584 specify water quality criteria for toxic substances and the requirements to control the level of toxic substances in surface waters.

Non-POTW Toxics Testing



Communities with and without CSOs



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 POINT SOURCE DISCHARGES

This information is compiled from various documents and reports submitted to the Maine Department of Environmental Protection (DEP) by the combined sewer overflow (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 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 facilities upsets, street flooding, and back-ups into basements.

STATUS OF COMBINED SEWER OVERFLOWS FROM POINT SOURCE DISCHARGES

WHAT ARE THE IMPACTS OF CSOs?

- Currently in Maine there are 35 communities with CSO discharge points in their sewerage systems (down from an original 60 in 1989). These communities collectively have 177 individual CSO discharge points (down from an original 340 in 1989).
- 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 original 6.2 billion gallons in 1989).
- 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 DEP issues CSO permittees a wastewater discharge license that requires them to implement the U.S. Environmental Protection Agency's (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 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 DEP for the previous year by March 1st.
- The progress report documents the CSO community's efforts to comply with the BMPs, 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.

STATUS OF COMBINED SEWER OVERFLOWS FROM POINT SOURCE DISCHARGES

WHERE DID WE START?

- The CSO movement started in 1989 with the clarification of the Clean Water Act (CWA) through the publication of the National CSO Control Strategy by the 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 1,600 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, state permit and water quality standards authorities on coordinating the planning, selection, and implementation of CSO controls that meet the requirements of the CWA.
- In February 2000, the DEP 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.

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.
- 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 \$311 million (\$16 million in 2008) in CSO abatement and anticipate the CSO needs for the next five years to be \$149. After that, the expected needs to bring them into compliance with the CSO Control Policy is an additional \$100 to \$150 million.

STATUS OF COMBINED SEWER OVERFLOWS FROM POINT SOURCE DISCHARGES

WHERE ARE WE NOW? – 2008 STATUS

- Maine started and ended 2008 with 35 CSO Communities. Effective January 1, 2008, two of the CSO Communities, Augusta and Hallowell, were incorporated into the same district known as the Greater Augusta Utility District. Whereas this did decrease the number of CSO MEPDES permits from 37 to 36, it did not change the number of CSO Communities as they are distinct civil jurisdictions. A complete listing of Maine's CSO Communities, their number of CSO outfalls and the outfall receiving waters is on page 12.
- The volume of combined sewage discharged statewide in 2008 was reported at 2.41 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 2008 CSO Flow Comparison pie chart on page 15 and the 2008 CSO Flow Comparison by Community bar chart in Appendix J are graphical comparisons of the overflow volumes between the CSO Communities.
- In 2008, the CSO Communities reported 792 overflow events. This total is arrived at by adding the number of days that each CSO Community experienced an overflow event. An overflow event is any day in which one or more CSOs 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.
- Thirty (30) of the CSO Communities reported experiencing at least one combined sewer overflow discharge in 2008, while three reported no overflows.
- In 2008, 15 of the communities reported discharging less in 2008 than in 2007, 17 reported discharging more, while three reported no change. The maximum number of days that overflow events were reported from a single community was 87. The average (mean) number of discharge events for all of the communities was 23 and the median was 10. Additional information is given in the table in Appendix I.
- 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, rainfall volume, duration, and intensity. To evaluate abatement progress we look for an overall trend in reduction versus trends from year to year. The chart on top of 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.
- Similarly, the chart on the middle of 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.

STATUS OF COMBINED SEWER OVERFLOWS FROM POINT SOURCE DISCHARGES

- In 2008 Maine CSO Communities reduced the total number of CSO discharge locations by 6, down from 183 to 177. While 10 CSO structures were eliminated in the following communities: Auburn (1), Bangor (4), Biddeford (1), Bucksport (1), Lewiston (1), Sanford (1), and Skowhegan (1), this was partially offset by a relicensing of 3 previously closed CSOs in Mechanic Falls (2) and South Portland (1) and the correction of a clerical error in Saco (1). The reopening and relicensing of the previously closed three CSOs was necessary to protect upstream properties from damage and to quantify overflow volumes. The additional CSO location in Saco was listed as a discharge location on their current wastewater discharge license, but had inadvertently been removed from the list of current CSOs. The chart on the bottom of page 13, Maine – Statewide Number of Combined Sewer Overflow Outfalls, shows a 48% reduction in the number of CSO outfalls since 1989.
- 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 somewhat compensate for the fluctuation in yearly precipitation patterns, the total volume of combined sewage discharged has been unitized by taking into consideration the annual precipitation. The chart on the top of 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 30 - 50 million gallons per inch of precipitation, with 42 million gallons discharged in 2008. Although this type of analysis is rough, it is a clear indicator of the overall CSO abatement progress that is being made.
- The average annual precipitation for all of Maine's CSO Communities is approximately 45 inches. In 2008, the annual precipitation for the CSO Communities ranged from 50 - 66 inches, exceeding the average precipitation by 5 - 17 inches (10 - 46%). The Yearly CSO Volumes and Precipitation chart on the bottom of 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. However, what is interesting to note is the widening gap between the precipitation amount and the 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.
- 2008 was another above average precipitation year (57"), especially when compared to near average year of 2007 (48"). As a result the statewide volume of CSO discharges increased by 57%, from 1.53 to 2.41 billion gallons in 2008.

STATUS OF COMBINED SEWER OVERFLOWS FROM POINT SOURCE DISCHARGES

- The CSOs from the City of Portland and Portland Water District in Portland comprised approximately 36% of the State's total overflow volume in 2008; 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 63% from 2007 to 2008, 0.94 to 1.53 billion gallons respectively.
- In 2008, the top twelve (12) dischargers accounted for approximately 97% of the total volume of combined sewage discharged in the State, see the CSO Flow Comparison Pie Chart on page 15.
- Abatement of CSOs is a costly endeavor. To date Maine CSO Communities have reported expending \$311 million implementing their CSO abatement projects. In the 2008 Annual CSO Progress Reports submitted to the State, these communities reported expending \$16 million on abatement work in 2008. It is estimated that the future needs of these communities to complete their CSO abatement plans totals \$250 - \$300 million, in 2008 dollars.
- 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.
- 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.
- 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.
- 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.

STATUS OF COMBINED SEWER OVERFLOWS FROM POINT SOURCE DISCHARGES

In 2008, seven (7) CSO Communities listed eleven (11) beach areas that may be impacted by their CSO discharges. They were: Bar Harbor (Town Beach & Hulls Cove); Biddeford (Hills Beach, Biddeford Pool & Camp Ellis); Cape Elizabeth (Casino Beach & Fort Williams Park); Portland (East End Beach); Rockland (Sandy Beach); Skowhegan (Two Rivers Campground); and South Portland (Willard Beach). Of these, two (2) beaches were listed as having an advisory or closure in 2008 (East End & Willard Beach), one (1) of which (East End Beach) was listed as being caused in whole or in part by CSO activity.

In 2008, five (5) CSO Communities listed shellfishing areas that were closed in their area (Bar Harbor, Calais, Machias, Portland & 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.

- The chart on page 16 – 2008 CSO Watershed Flows, shows a graphical representation of the CSO volume discharged by watershed. In 2008, Casco Bay received approximately 38% of the statewide CSO volume discharged, followed by Penobscot River at 28%, the Androscoggin River at 20%, the Saco River at 6%, the Kennebec River at 6%, and the St. John River at 1%. Discharges to the St. Croix River, Frenchman Bay, the Machias River, and Penobscot Bay account for the remaining 1% of combined sewer overflow volume.



MAINE – COMBINED SEWER OVERFLOW (CSO) COMMUNITY LIST

(As of December 31, 2008)

| COMMUNITY | CSOs | NUMBER OF CSOs & RECEIVING WATER |
|--|------|--|
| 1. Auburn SD | 3 | 3-ANDROSCOGGIN RV. |
| 2. Bangor..... | 7 | 3-KENDUSKEAG STR., 4-PENOBSCOT RV. |
| 3. Bar Harbor (HULLS COVE) | 1 | 1-FRENCHMAN BAY |
| 4. Bar Harbor (MAIN PLANT) | 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..... | 6 | 5-PENOBSCOT RIVER, 1-SEGEUNKENDUNK STR. |
| 9. Bucksport..... | 1 | 1-PENOBSCOT RV. |
| 10. Calais..... | 5 | 4-ST. CROIX RV., 1-LANDING BROOK |
| 11. Cape Elizabeth – OTTAWA ROAD PS | 1 | 1-ATLANTIC OCEAN |
| 12. Fairfield | 2 | 2-KENNEBEC RV. |
| 13. Gardiner..... | 1 | 1-KENNEBEC RV. |
| 14. Greater Augusta Utility District (GAUD) (INCLUDES HALLOWELL CSO)..... | 24 | 4-BOND BK., 1-KENNEDY BK., 18-KENNEBEC RV., 1-WHITNEY BK. |
| 15. Hamden | 1 | 1-SOUDABSCOOK STR. |
| 16. Kennebec STD..... | 3 | 3-KENNEBEC RV. |
| 17. Lewiston | 22 | 10-ANDROSCOGGIN RV., 1-GULLY BK., 1-HART BK., 10-JEPSON BK. |
| 18. Lewiston-Auburn WPCA | 1 | 1-ANDROSCOGGIN RV. |
| 19. Machias..... | 2 | 2-MACHIAS RV. |
| 20. Madawaska..... | 2 | 2-ST. JOHN RV. |
| 21. Mechanic Falls SD..... | 3 | 3-LITTLE ANDROSCOGGIN RV. |
| 22. Milford | 1 | 1-PENOBSCOT RV. |
| 23. Milo WD..... | 3 | 1-PLEASANT RV., 2-SEBEC RV. |
| 24. Old Town..... | 3 | 2-PENOBSCOT RV., 1-STILLWATER RV. |
| 25. Orono..... | 1 | 1-PENOBSCOT RV. |
| 26. Paris UD..... | 1 | 1-LITTLE ANDROSCOGGIN RV. |
| 27. Portland – CITY | 12 | 6-BACK COVE, 3-CAPISIC BK., 2-PORTLAND HARBOR., 1-NASON BK. (MARSH) |
| 28. Portland – PWD | 21 | 9-BACK COVE, 3-CASCO BAY, 7-FORE RV., 2- PORTLAND HARBOR |
| 29. Randolph | 1 | 1-KENNEBEC RV. |
| 30. Rockland..... | 2 | 2-ROCKLAND HARBOR |
| 31. Saco..... | 6 | 1-BEAR BK., 5-SACO RV. |
| 32. Sanford SD..... | 1 | 1-MOUSAM RV. |
| 33. Skowhegan..... | 8 | 8-KENNEBEC RV. |
| 34. South Portland..... | 6 | 1-BARBERRY CK., 1-FORE RV., 1-CALVERY POND., 2-PORTLAND HBR. |
| 35. Westbrook..... | 5 | 5-PRESUMSCOT RV. |
| 36. Winslow | 1 | 1-SEBASTICOOK RV. |
| 37. Winterport SD..... | 1 | 1-PENOBSCOT RV. |

TOTAL CSOs 177

36 CSO PERMITS, PERMITTING 34 OF 35 CSO TOWNS/CITIES (DEP CURRENTLY WORKING WITH CAPE ELIZABETH ON PLAN DEVELOPMENT FOR PERMIT APPLICATION.)

TWO OR MORE PERMITS IN ONE CSO TOWN/CITY

BOLD = 9 COMMUNITIES WITH SEWER SYSTEMS ONLY. SEWERS DISCHARGE TO A POTW CONTROLLED BY ANOTHER ENTITY.

SD = SEWER DISTRICT

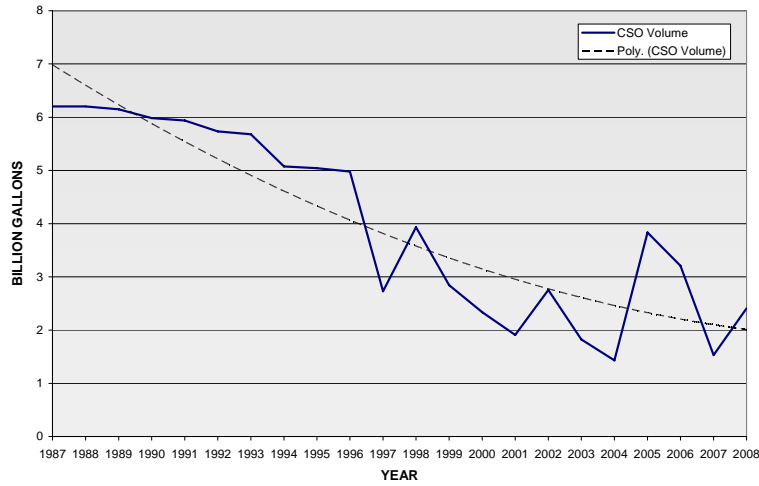
WPCA = WATER POLLUTION CONTROL AUTHORITY

WD = WATER DISTRICT

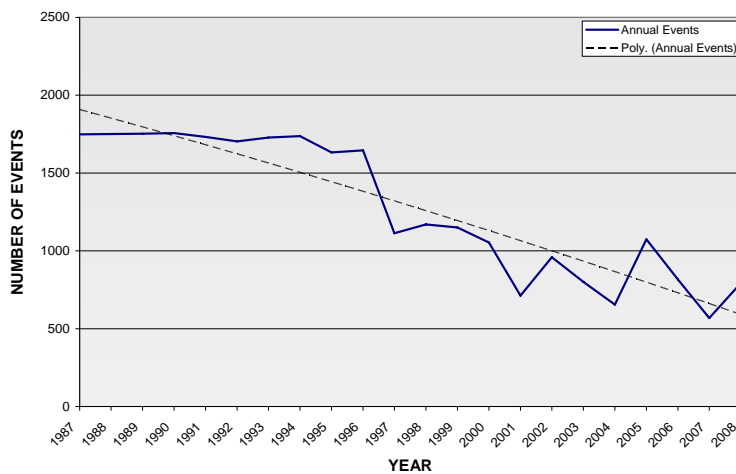
PWD = PORTLAND WATER DISTRICT

STD = SANITARY TREATMENT DISTRICT

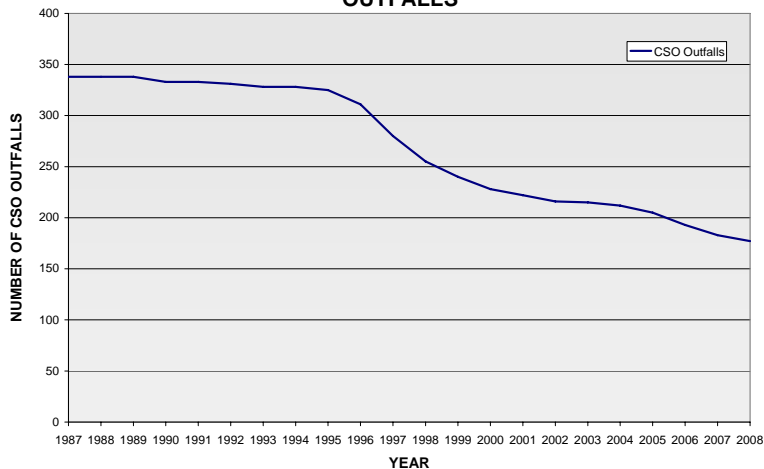
MAINE - STATEWIDE COMBINED SEWER OVERFLOW (CSO) VOLUME DISCHARGED



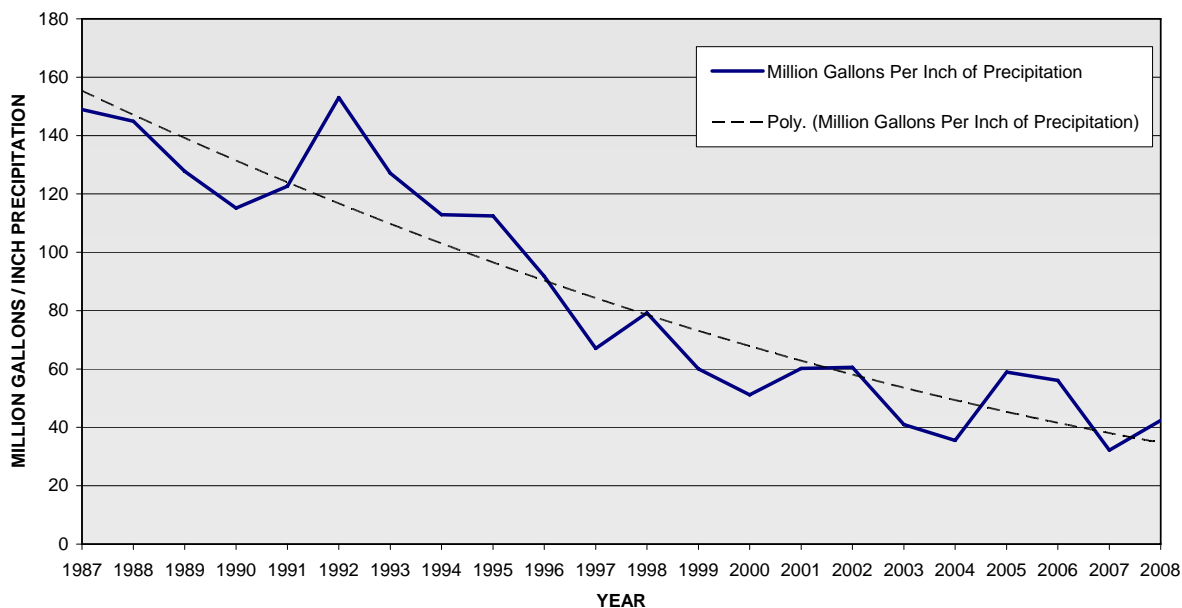
MAINE - STATEWIDE COMBINED SEWER OVERFLOW (CSO) ANNUAL NUMBER OF DISCHARGE EVENTS



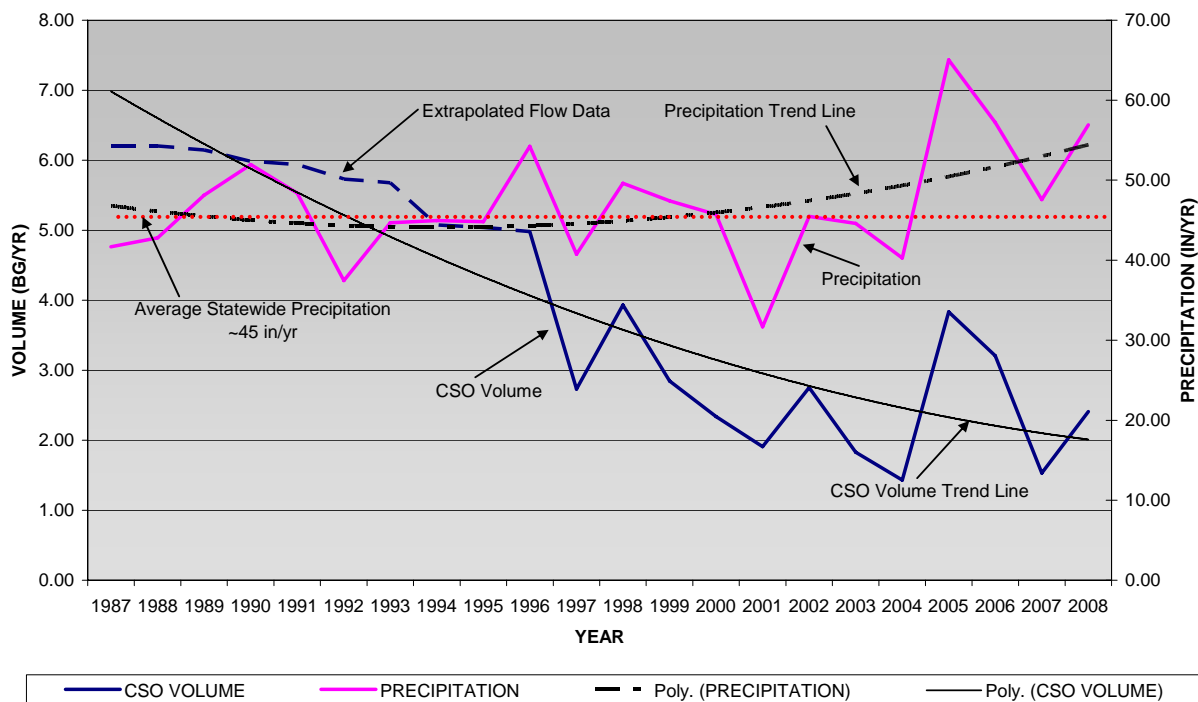
MAINE - STATEWIDE NUMBER OF COMBINED SEWER OVERFLOW (CSO) OUTFALLS



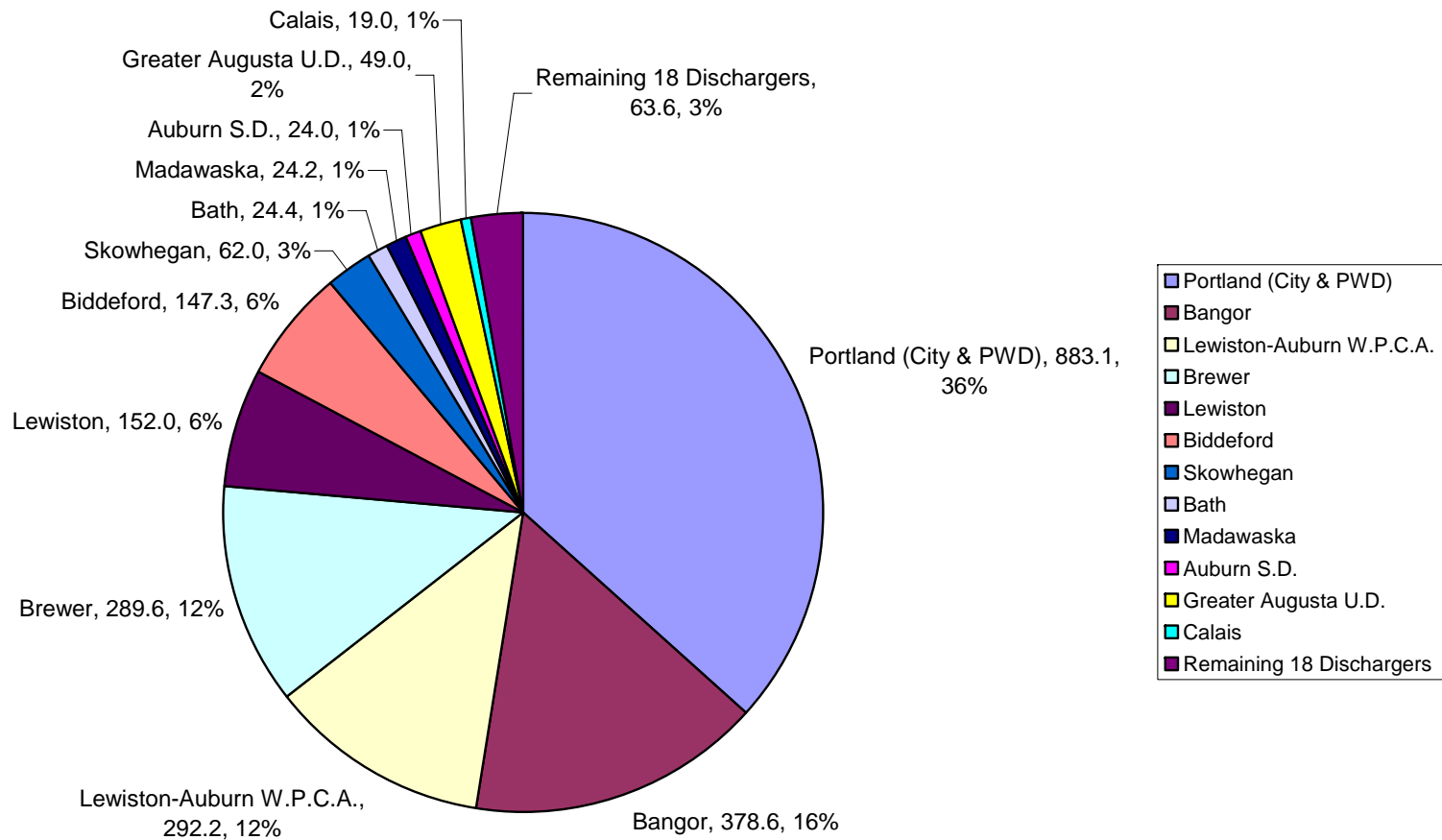
MAINE COMBINED SEWER OVERFLOWS ANNUAL VOLUME DISCHARGED PER INCH OF PRECIPITATION



MAINE YEARLY CSO VOLUMES AND PRECIPITATION

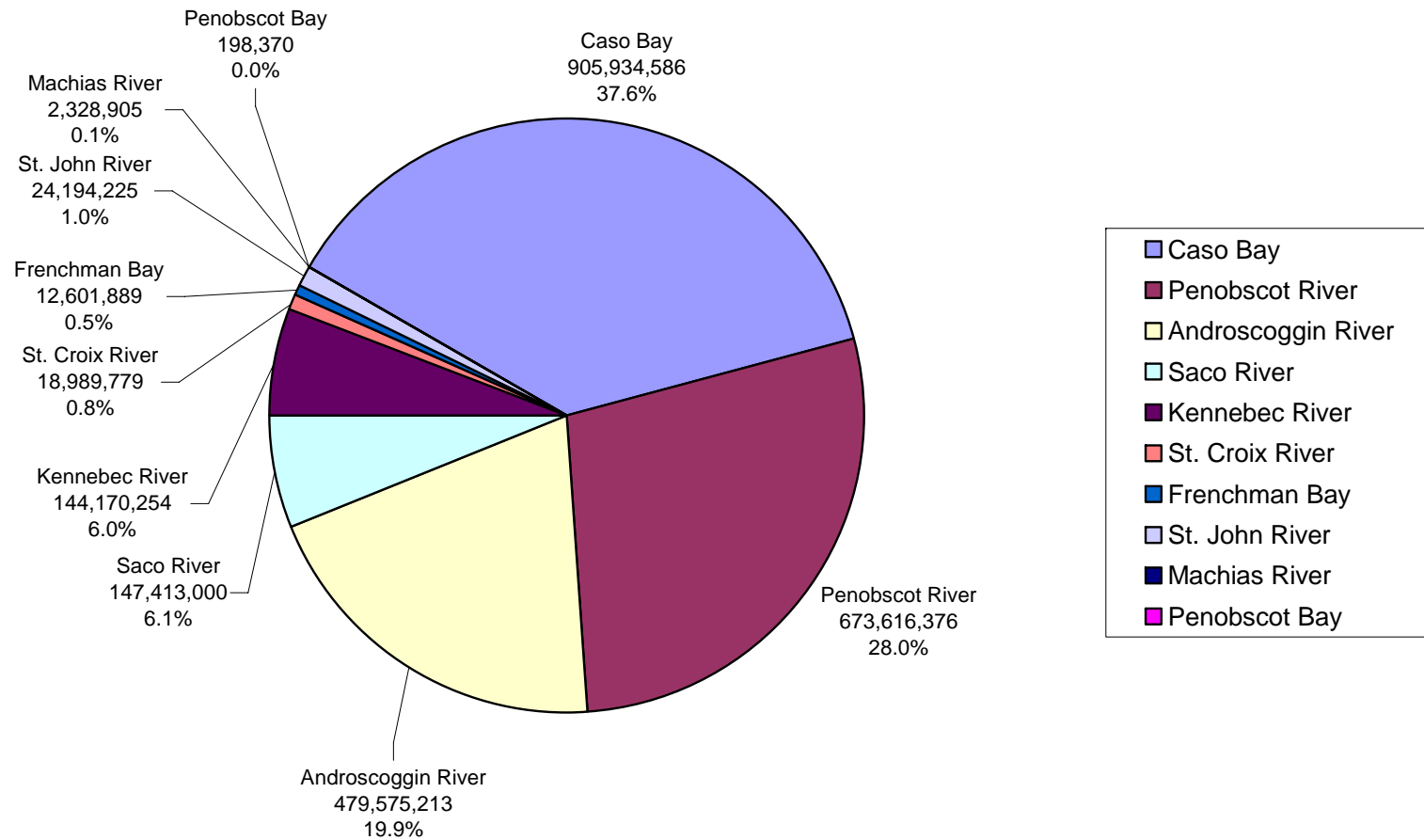


**2008 CSO FLOW COMPARISON
35 CSO COMMUNITIES
30 DISCHARGERS - 2.41 BILLION GALLONS**



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

2008 CSO Watershed Flows (Gallons)



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 therefor 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.

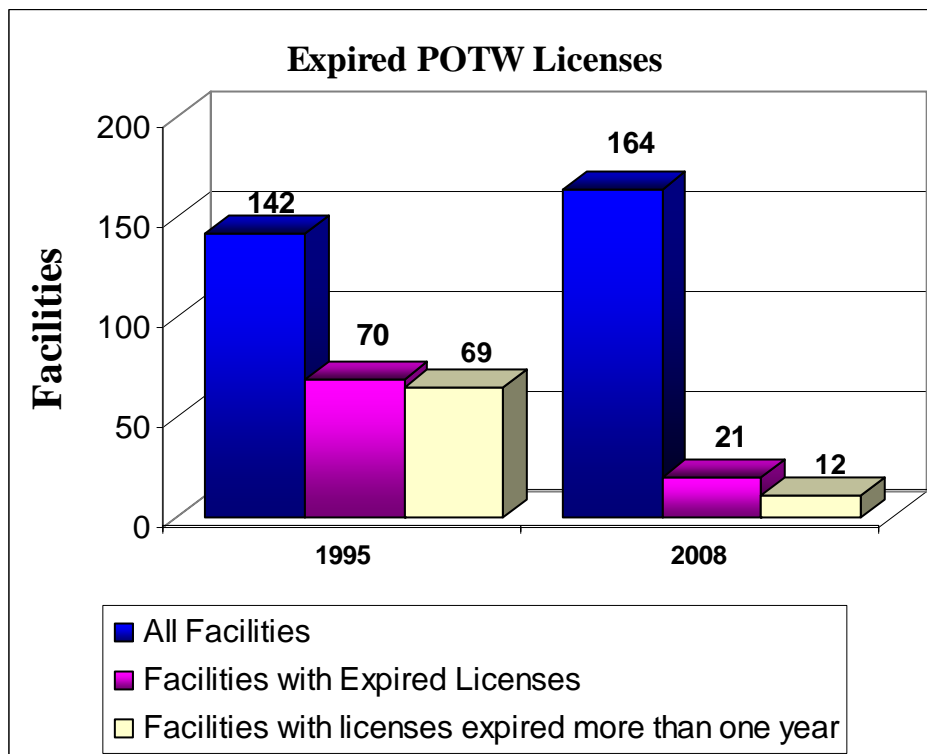
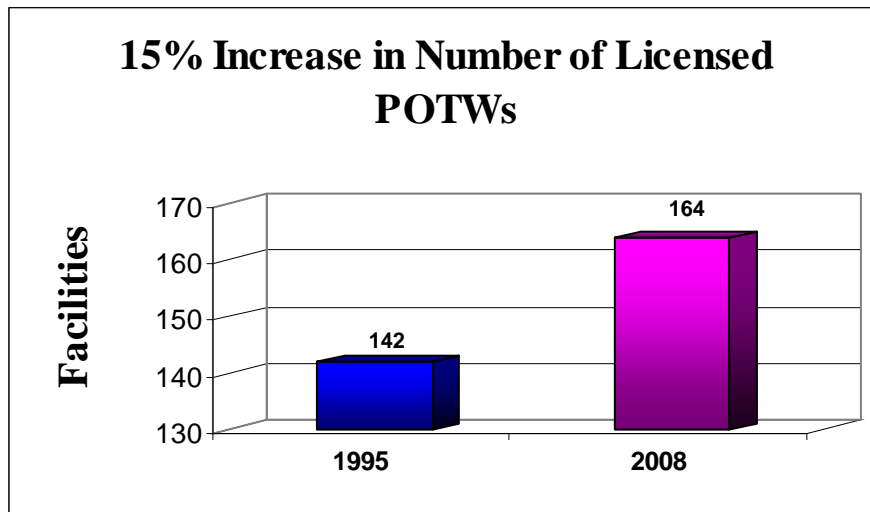
Due to historic understaffing in the DEP’s waste discharge licensing program, a backlog of expired license applications developed in the 1990’s resulting in numerous discharges operating under expired discharge licenses. As part of the NPDES delegation process, licensing staff was increased and an aggressive 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 2008.

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.

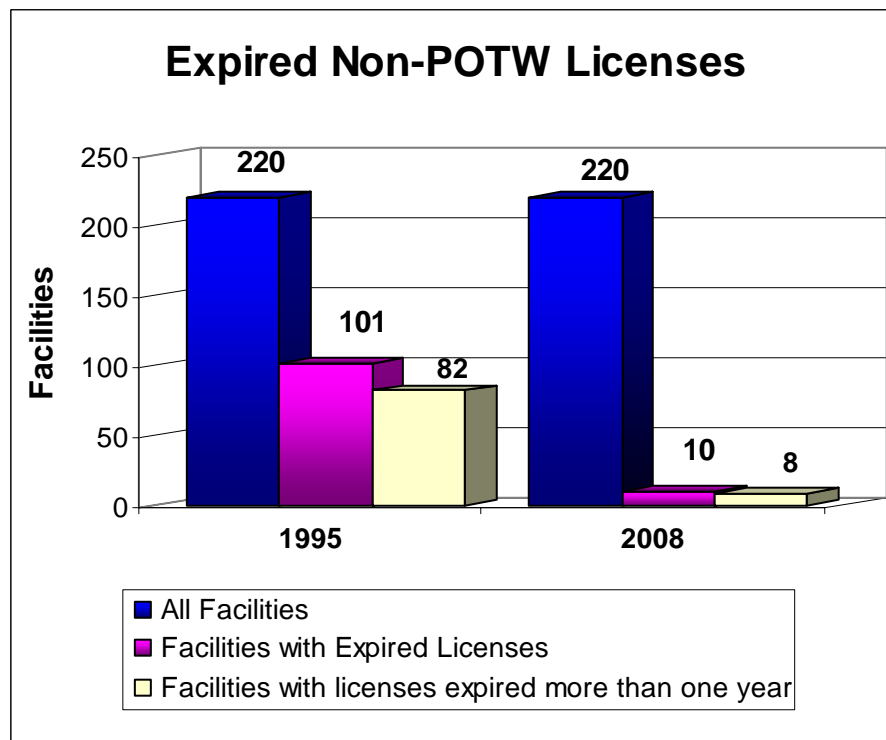
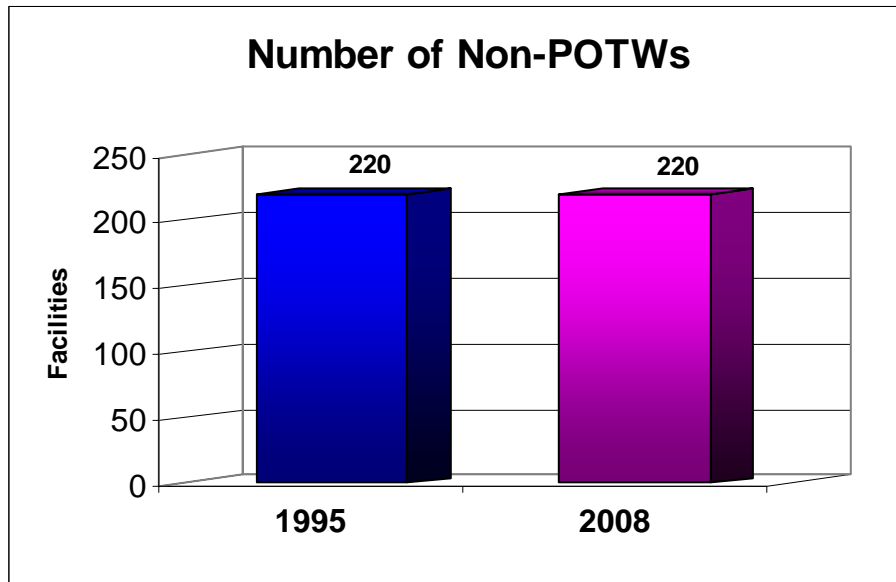
LICENSING STATUS OF POINT SOURCE DISCHARGES

The following 2 charts indicate changes in the number of licensed POTWs and their licensing status in 1995 and 2008.



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 2008.



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 2008. 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.

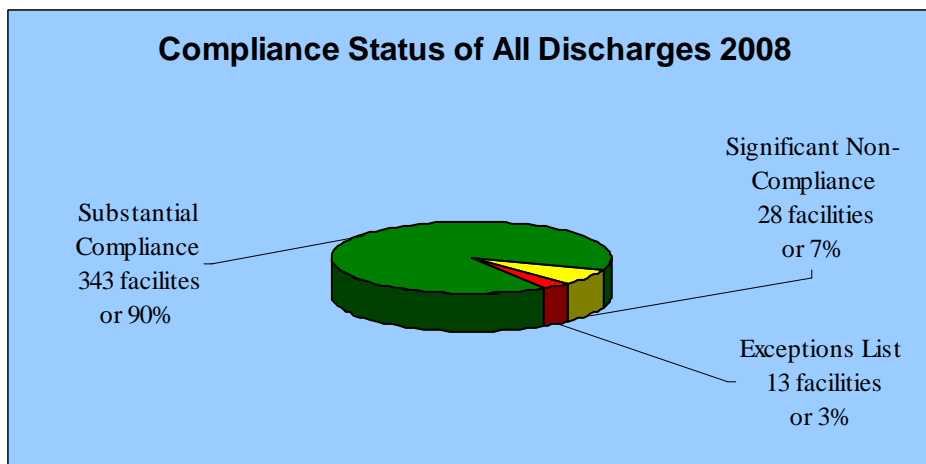
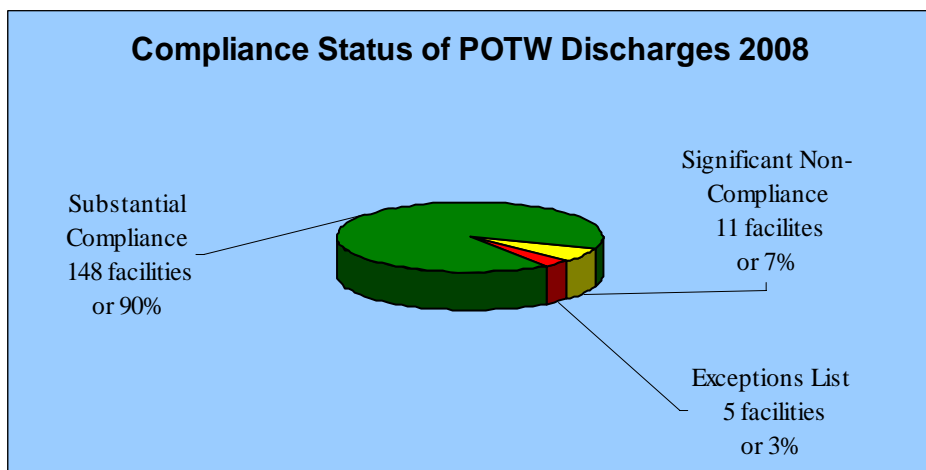
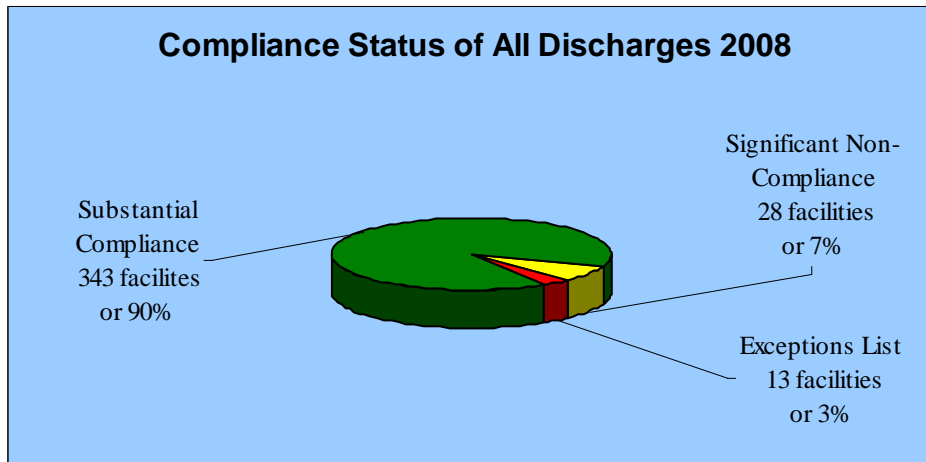
SNC and EL are compliance status criteria developed by the EPA and utilized by the DEP to track compliance. For the purposes of this report and routine compliance assessments, the DEP has chosen to include all permit limits as potential SNC and EL criteria. EPA uses a more abbreviated list.

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 2008 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 78 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.

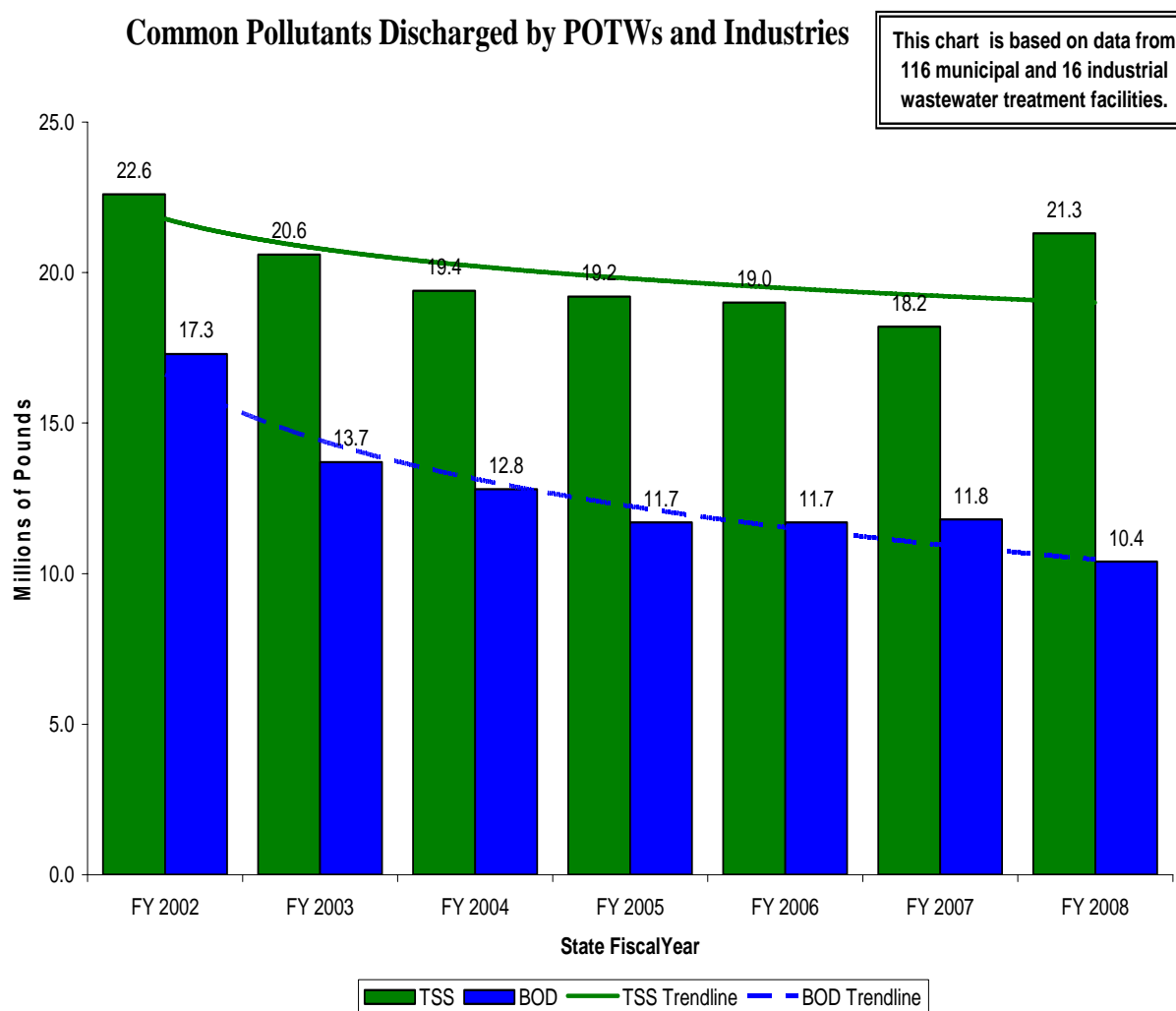
| | BOD | | TSS | |
|----------|----------------------|--------------------------|----------------------|--------------------------|
| | Number of Violations | % of possible violations | Number of Violations | % of possible violations |
| FY 98-99 | 504 | 2.92% | 193 | 1.12% |
| FY 99-00 | 516 | 3.00% | 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% |

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.

ENVIRONMENTAL PERFORMANCE STATUS OF POINT SOURCE DISCHARGES

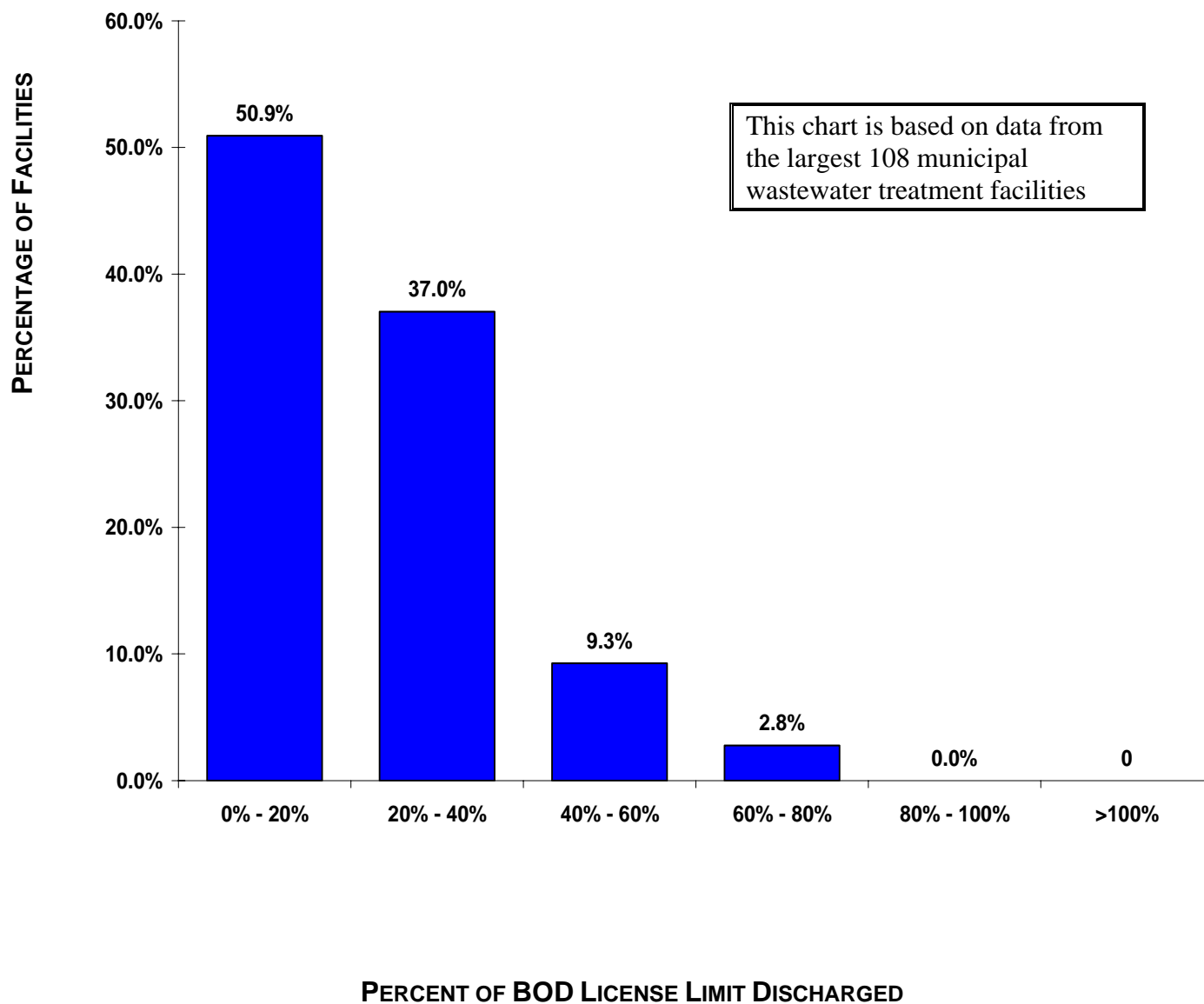
The following three charts indicate discharge trends for *BOD* and *TSS*. This data is included as an indicator of environmental performance of select licensed dischargers for the time period indicated.

The chart below illustrates the downward trend in the discharge of BOD and TSS. The downward trend of these two parameters can be attributed to the increased level of performance at municipal and industrial wastewater treatment facilities and the temporary or permanent closure of some industrial facilities across the state.



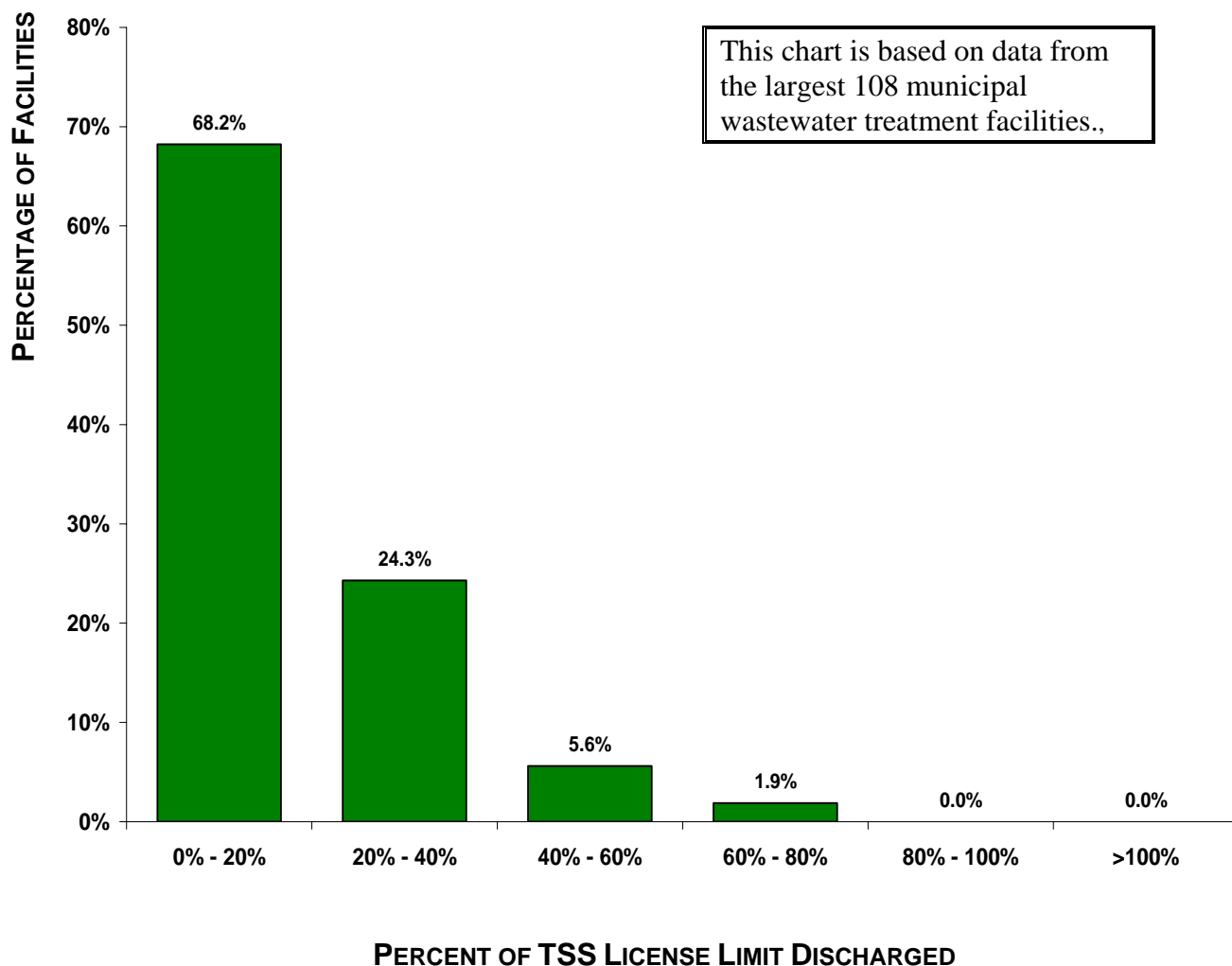
ENVIRONMENTAL PERFORMANCE STATUS OF POINT SOURCE DISCHARGES

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 88% 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.



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 93% 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.



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.)*

| ENFORCEMENT TOOLS UTILIZED IN 2008 TO RESPOND TO VIOLATIONS | |
|--|---------------|
| ACTIONS | NUMBER |
| LETTER OF WARNING | 27 |
| NOTICE OF VIOLATION | 39 |
| CONSENT AGREEMENT* | 5 |
| DISTRICT COURT** | 0 |
| TOTAL | 71 |

| *CONSENT AGREEMENTS FINALIZED IN 2008 | | | |
|--|---|-----------------|--|
| NAME | VIOLATIONS | PENALTY | CORRECTIVE ACTIONS/ COMMENTS |
| 1. KATHADIN PAPER | WATER QUALITY VIOLATIONS | \$21,200 | THREE SUPPLEMENTAL ENVIRONMENTAL PROJECTS FOR \$84,800. LIMIT FUTURE DISCHARGES OF PHOSPHORUS. |
| 2. DOMTAR PAPER | UNLICENSED DISCHARGES | \$5,200 | NONE REQUIRED |
| 3. RICHMOND UTILITIES DISTRICT | UNLICENSED OVERFLOWS AT PUMP STATION | \$14,280 | UPGRADE SEWER SYSTEM TO REMOVED EXTRANEIOUS WATER |
| 4. VEAZIE SEWER DISTRICT | UNLICENSED OVERFLOW AT PUMP STATION | \$500 | NONE REQUIRED |
| 5. VERSO PAPER | LICENSE VIOLATIONS; DISCHARGES OF UNTREATED WASTEWATER | \$10,850 | REPLACE PIPING WITHIN TREATMENT PLANT, EVALUATE SEWER LINES, EVALUATE DISCHARGES OF HEAT |
| | | \$52,030 | |

ENFORCEMENT STATUS OF POINT SOURCE DISCHARGES

In addition, the following cases were referred to enforcement in calendar year 2008. 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.

| CASES REFERRED TO ENFORCEMENT IN 2008 | | | | |
|--|------------------------|--------------------------------|--|---|
| DISCHARGE TYPE | NUMBER OF CASES | UNDER INVESTIGATION | CONSENT AGREEMENT INITIATED | RESOLVED WITHOUT ENFORCEMENT |
| POTW * | 4 | 4 | 0 | 0 |
| INDUSTRIAL | 5 | 2 | 3 | 0 |
| COMMERCIAL | 2 | 0 | 1 | 1 |
| PRIVATE | 10 | 2 | 4 | 4 |
| TOTAL | 21 | 8 | 8 | 5 |

* 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 them.

- A listing of POTW projects funded by the CWSRF program in FY 2008 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. As of December 31, 2008 there were 1,391 approved OBDs in the state located in 115 towns and plantations, a reduction of 44 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 754. 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 50 municipalities: Augusta, Baileyville, Beals, Belfast, Benton, Bridgton, Brooklin, Caribou, Carmel, Charleston, Cushing, East Machias, Eastport, Enfield, Freeport, Gorham, Greenville, Hancock, Harmony, Hollis, Isle Au Haut, Jonesboro, Lubec, Machias, Milbridge, New Gloucester, New Portland, New Vineyard, Oakfield, Ogunquit, Old Town, Orland, Oxford, Passadumkeag, Pembroke, Perry, Poland Springs, Richmond, Rockland, Roque Bluffs, Saco, Sedgwick, South Berwick, South Portland, Stacyville, Sullivan, Topsham, Trenton, Waterville and Wiscasset.

OBD License Status

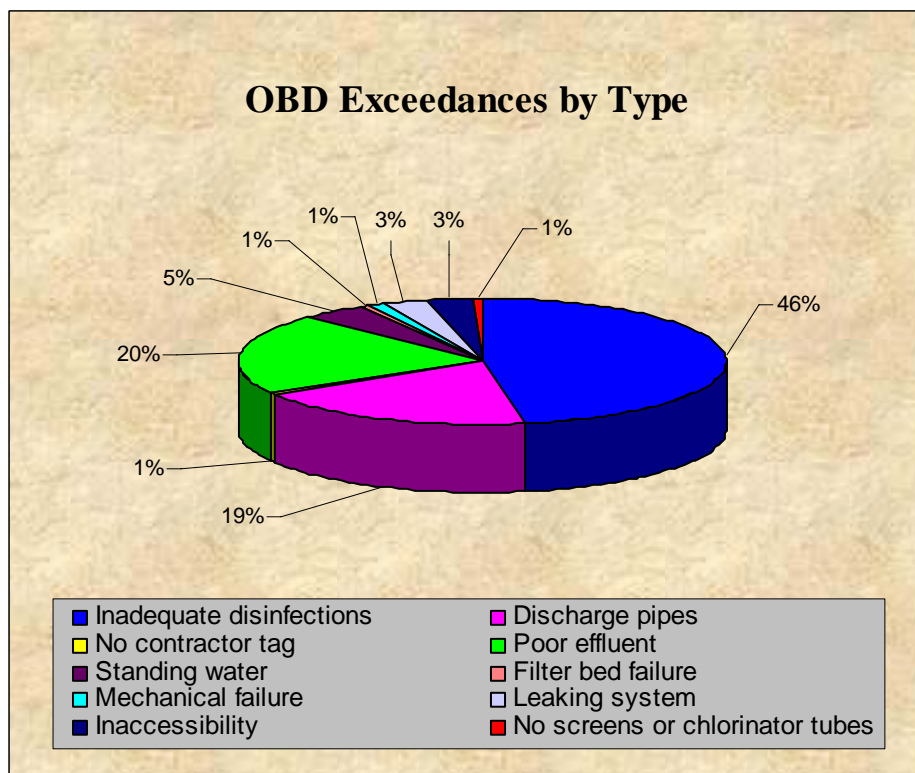
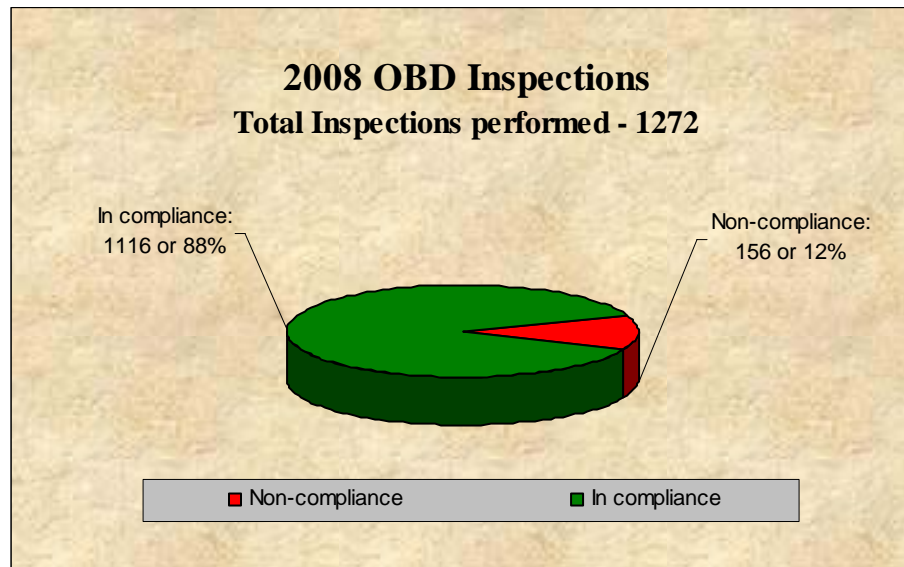
Currently, 67% of all approved OBDs are operating with an expired license or conditional permit. The backlog of expired licenses is the result of historic staffing shortages and compliance efforts that have reduced the amount of time dedicated to licensing. The DEP is developing a general permit for OBDs that will expedite the permitting process and reduce the backlog of expired permits.

OBD Compliance Status - Inspections

Prior to 2008, full time and seasonal DEP staff inspected the vast majority of OBDs twice a year. In 2008 the 3 seasonal Conservation Aides were employed part of the time to assist the Department of Marine Resources and other DEP programs with conducting sanitary surveys and other projects with the potential to improve water quality, maintain open shellfish areas, or allow closed shellfish area to be opened. As a consequence, OBD inspections were reduced from prior years. In 2008 there were 1,391 licensed OBD systems state-wide. Of these, 1,234 were inspected once and 38 were inspected twice to ensure previously identified non compliance was corrected. 157 OBDs, primarily inactive systems or those on islands or downeast, did not receive an inspection in 2008. The Department intends to ensure that all systems are inspected at least once every other year and that inspections are targeted to yield the greatest compliance effect. To offset reduced inspection frequencies, the Department increased OBD education and outreach activities and enforcement actions.

STATUS OF OVERBOARD DISCHARGES

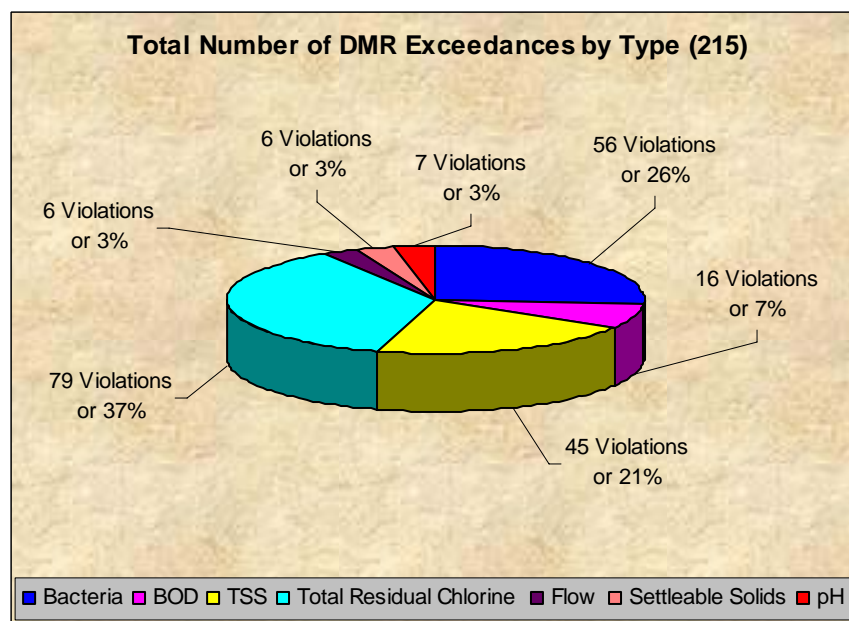
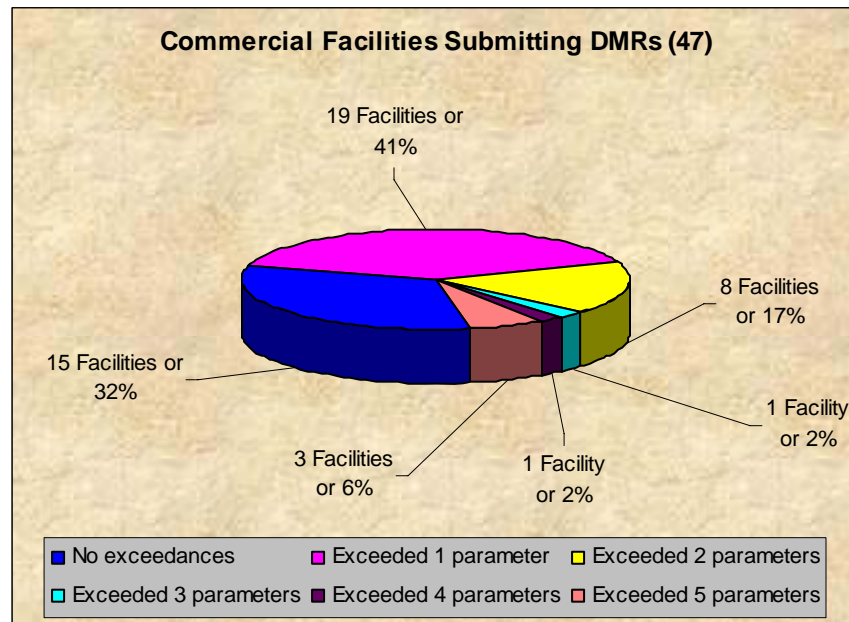
The following two charts indicate compliance status based on 2008 inspections. If non-compliance is discovered during an inspection, the inspector will indicate the problem and specify corrective actions in the inspection report that is left with the system owner. The system owner is then required to correct the problem within two weeks. If the system owner fails to correct the non-compliance, the DEP will issue a letter of warning, and if needed a notice of violation or additional enforcement action to compel the system owner to correct the non-compliance.



STATUS OF OVERBOARD DISCHARGES

OBD COMPLIANCE STATUS – COMMERCIAL FACILITIES DISCHARGE MONITORING REPORTS

Commercial OBDs discharging more than 2000 gallons per day are required to periodically submit Discharge Monitoring Reports (DMRs) to the DEP. The DMRs indicate the results of effluent monitoring to determine compliance with effluent limits set in discharge permits. The following two charts indicate the number and type of exceedences for calendar year 2008. 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 5, 2009

| <u>Town/City</u> | <u>Number</u> | <u>Town/City</u> | <u>Number</u> |
|-------------------------|----------------------|-------------------------|----------------------|
| ADDISON | 3 | CRANBERRY ISLES | 11 |
| ALNA | 1 | CUMBERLAND | 1 |
| ARROWSIC | 2 | CUTLER | 2 |
| ARUNDEL | 7 | DAMARISCOTTA | 3 |
| BANGOR | 2 | DEER ISLE | 16 |
| BAR HARBOR | 8 | DRESDEN | 2 |
| BATH | 9 | EDDINGTON | 3 |
| BETHEL | 1 | EDGECOMB | 25 |
| BIDDEFORD | 24 | ELIOT | 2 |
| BLUE HILL | 11 | ELLSWORTH | 1 |
| BOOTHBAY | 136 | EUSTIS | 3 |
| BOOTHBAY HARBOR | 68 | FAIRFIELD | 1 |
| BOWDOINHAM | 5 | FALMOUTH | 1 |
| BRADLEY | 7 | FARMINGTON | 3 |
| BREMEN | 1 | FRANKFORT | 2 |
| BRISTOL | 155 | FRENCHBORO | 1 |
| BROOKS | 1 | FRIENDSHIP | 19 |
| BROOKSVILLE | 5 | GEORGETOWN | 64 |
| BRUNSWICK | 2 | GOULDSBORO | 20 |
| BUCKFIELD | 7 | HAMPDEN | 1 |
| BURNHAM | 1 | HARPSWELL | 78 |
| BUXTON | 1 | HARRINGTON | 7 |
| CALAIS | 4 | INDUSTRY | 1 |
| CAMDEN | 6 | ISLEBORO | 2 |
| CAPE ELIZABETH | 4 | JONESPORT | 10 |
| CASTINE | 4 | KENNEBUNK | 4 |
| CHELSEA | 1 | KENNEBUNKPORT | 4 |
| CHERRYFIELD | 36 | KITTERY | 10 |
| CHESTERVILLE | 1 | LEWISTON | 1 |
| COLUMBIA FALLS | 8 | LINCOLNVILLE | 2 |
| | | LONG ISLAND | 4 |

APPROVED OVERBOARD DISCHARGES, BY LOCATION
AS OF JANUARY 5, 2009

| <u>Town/City</u> | <u>Number</u> | <u>Town/City</u> | <u>Number</u> |
|-------------------------|----------------------|-------------------------|----------------------|
| MACHIASPORT | 4 | SOUTH THOMASTON | 7 |
| MADISON | 6 | SOUTHPORT | 165 |
| MATINICUS ISLAND | 1 | SOUTHWEST HARBOR | 5 |
| MEDWAY | 1 | ST. GEORGE | 34 |
| MONHEGAN | 29 | STANDISH | 2 |
| MONTICELLO | 1 | STEUBEN | 2 |
| MOUNT DESERT | 8 | STONINGTON | 8 |
| NEWCASTLE | 1 | STRONG | 3 |
| NORRIDGEWOCK | 1 | SURRY | 4 |
| NORTH HAVEN | 4 | SWANS ISLAND | 1 |
| OAKLAND | 1 | THOMASTON | 2 |
| ORRINGTON | 3 | TREMONT | 25 |
| OWLS HEAD | 18 | TRESCOTT | 2 |
| PARSONSFIELD | 1 | TURNER | 3 |
| PENOBSCOT | 3 | VASSALBORO | 2 |
| PHIPPSBURG | 8 | VERONA | 1 |
| PORTLAND | 60 | VINALHAVEN | 17 |
| PRESQUE ISLE | 1 | WARREN | 2 |
| PROSPECT | 1 | WEST BATH | 3 |
| ROBBINSTON | 1 | WEST PARIS | 4 |
| ROCKPORT | 6 | WESTPORT | 13 |
| SABATTUS | 1 | WINDHAM | 2 |
| SCARBOROUGH | 2 | WINSLOW | 4 |
| SEARSPORT | 1 | WINTER HARBOR | 7 |
| SIDNEY | 1 | WINTERPORT | 1 |
| SOUTH BRISTOL | 51 | WOOLWICH | 8 |
| | | YARMOUTH | 12 |
| | | YORK | 12 |
| | | TOTAL | 1,391 |

APPENDIX A

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2008 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 | 04/08/10 | 0.300 | 6C | | | X | | | X | | | |
| AUBURN | W-000685 | 12/28/10 | ----- | 5T | | X | | | | X | | | |
| AUGUSTA (GREATER AUGUSTA SANITARY 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 | 11/21/10 | 0.012 | 6B | | | | | | X | | | |
| BAR HARBOR-HULLS COVE | W-002590 | 11/21/10 | 0.150 | 6C | | X | X | | | X | | | |
| BAR HARBOR-MAIN PLANT | W-002591 | 11/21/10 | 2.000 | 6D | X | X | X | | | X | | | |
| BAR HARBOR-MOUNT DESERT HIGH SCHOOL | W-003319 | 09/15/09 | 0.009 | 6B | | | | | | | | X | |
| BATH | W-002678 | 10/26/09 | 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 | | | |

APPENDIX A

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2008 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 |
|--|-----------|-----------|-------------|------|-------|-----|-----|--------|-----|------|-----|-------|-------------------|
| BETHEL | W-002595 | 09/21/10 | 0.340 | 6C | | | | | | X | | | |
| BIDDEFORD | W-000683 | 06/25/08 | 6.500 | 5M | X | X | X | | X | X | | | |
| BIDDEFORD- BIDDEFORD POOL | W-007581 | 06/23/10 | 0.030 | 6B | | | | | | X | | | |
| BINGHAM | W-001286 | 04/20/11 | 0.200 | 6C | | | | | | X | | | |
| BLUE HILL | W-002628 | 12/07/09 | 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 | 12/13/10 | 0.640 | 6C | X | | X | | | X | | | |
| BREWER | W-002679 | 04/25/08 | 5.190 | 5M | X | 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 | 05/26/09 | 3.850 | 6D | X | | X | | | X | | | |
| BRUNSWICK-GRAHAM ROAD LANDFILL | W-004308 | 11/16/09 | 0.200 | 6C | | | | | | X | | | SNC |
| BRUNSWICK-MERE POINT | W-008015 | 08/04/13 | 0.011 | 6B | | | | | | | X | | |

APPENDIX A

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2008 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 |
|---|-----------|-----------|-------------|------|-------|-----|-----|--------|-----|------|-----|-------|-------------------|
| BUCKSPORT | W-002596 | 06/17/07 | 0.460 | 6C | | X | | X | | X | | | |
| CALAIS | W-002751 | 09/29/11 | 1.500 | 6D | X | X | X | | | X | | | |
| CAMDEN | W-002592 | 07/29/13 | 1.210 | 6D | X | | 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 | | | X | | | |
| CARIBOU-CITY FACILITY | W-001001 | 12/22/11 | 1.710 | 6D | X | | X | | | X | | | |
| CARIBOU-LORING DEVELOPMENT AUTHORITY | W-006654 | 12/19/08 | 2.500 | 6D | X | | X | | | X | | | |
| CARRABASSETT VALLEY | W-002781 | 12/22/11 | ----- | 6C | | | | | | | | X | |
| CASTINE | W-002623 | 12/22/09 | 0.126 | 6C | | | X | | | X | | | SNC |
| CLINTON | W-002589 | 04/29/13 | 0.350 | 6C | | | X | | | X | | | |
| CORRINNA | W-008206 | 09/02/09 | 0.110 | 6C | | | | | | | | X | SNC, EL |
| CORNISH | W-007878 | 04/24/12 | 0.007 | 6A | | | | | | | X | | |

APPENDIX A

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2008 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 |
|---|-----------|-----------|-------------|------|-------|-----|-----|--------|-----|------|-----|-------|-------------------|
| DAMARISCOTTA-MAIN PLANT (GREAT SALT BAY SANITARY DISTRICT) | W-006048 | 06/26/11 | 0.268 | 6C | | | | | | X | | | |
| DANFORTH | W-000819 | 12/29/09 | 0.049 | 6B | | | | | | X | | | |
| DEXTER | W-000830 | 12/06/12 | 0.273 | 6C | | | | | | | | X | |
| DOVER-FOXCROFT | W-002633 | 09/07/09 | 0.800 | 6C | | | X | | | X | | | |
| EAGLE LAKE | W-003374 | 12/17/12 | 0.146 | 6C | | | | | | | | X | |
| EAST MACHIAS | W-006521 | 10/05/10 | 0.026 | 6A | | | | | | X | | | |
| EASTPORT-MAIN PLANT | W-002598 | 11/12/13 | 0.82 | 6C | | | | X | | X | | | |
| EASTPORT-QUODDY VILLAGE | W-008131 | 11/12/13 | 0.050 | 6B | | | | X | | X | | | |
| ELLSWORTH | W-002529 | 05/28/09 | 0.850 | 6C | X | | X | | | X | | | |
| ELLSWORTH-SHORE ROAD | W-003801 | 08/18/09 | 0.002 | 6A | | | | | | X | | | |
| FAIRFIELD | W-007701 | 12/03/13 | ----- | 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 | | | |

APPENDIX A

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2008 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 |
|--|-----------|-----------|-------------|------|-------|-----|-----|--------|-----|------|-----|-------|-------------------|
| FORT KENT | W-000692 | 12/18/11 | 0.430 | 6C | X | | X | | | X | | | |
| FREEPORT | W-000617 | 04/19/10 | 0.750 | 6C | X | | X | | | X | | | |
| FRENCHVILLE | W-007676 | 06/17/10 | 0.060 | 6B | | | | | | X | | | |
| GARDINER | W-002655 | 03/16/11 | 4.500 | 6D | X | X | X | | | X | | | |
| GRAND ISLE | W-007713 | 06/02/10 | 0.080 | 6B | | | | | | X | | | |
| GREENVILLE (MOOSEHEAD SANITARY DISTRICT) | W-002119 | 01/29/09 | 0.170 | 6C | | | | | | | | X | |
| GUILFORD (GUILFORD- SANGERVILLE SANITARY DISTRICT) | W-006792 | 08/11/09 | 0.930 | 6C | X | | X | | | X | | | |
| HAMPDEN | W-007967 | 12/27/07 | ----- | 5T | | X | | | | X | | | |
| HARTLAND | W-000678 | 12/06/12 | 1.500 | 5M | X | | X | | X | X | | | |
| HOULTON (HOULTON WATER COMPANY) | W-002648 | 02/16/10 | 1.500 | 6D | X | | X | | | X | | | |
| HOULTON (HOULTON WATER COMPANY) | W-008219 | 05/20/10 | ---- | 6B | | | | | | | | X | |
| HOWLAND | W-002632 | 05/16/10 | 0.300 | 6C | | | | | | X | | | |

APPENDIX A

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2008 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 |
|--|-----------|-----------|-------------|------|-------|-----|-----|--------|-----|------|-----|-------|-------------------|
| INDIAN TOWNSHIP- PETER DANA POINT (PASSAMAQUODDY TRIBE) | W-007055 | 01/21/02 | 0.015 | 6B | | | | | | | X | | |
| INDIAN TOWNSHIP- PRINCETON STRIP (PASSAMAQUODDY TRIBE) | W-000872 | 08/02/99 | 0.015 | 6B | | | | | | | | X | |
| ISLESBORO-DARK HARBOR | W-002726 | 11/21/10 | 0.064 | 6B | | | | | | X | | | |
| JACKMAN | W-002696 | 09/28/09 | 0.675 | 6C | | | X | | | X | | | |
| JAY-NORTH JAY | W-002689 | 08/02/10 | 0.060 | 6B | | | X | | | X | | | |
| KENNEBUNK | W-002585 | 09/18/11 | 1.310 | 6D | X | | X | | | X | | | |
| KENNEBUNKPORT | W-002626 | 06/22/10 | 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 |
| LEWISTON | W-000684 | 12/29/10 | ----- | 5T | | X | | | | X | | | |
| 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 | | |

APPENDIX A

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2008 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 |
|--|-----------|-----------|-------------|------|-------|-----|-----|--------|-----|------|-----|-------|-------------------|
| LIMERICK | W-000860 | 10/12/10 | 0.110 | 6C | | | X | | | X | | | |
| LIMESTONE | W-002684 | 10/05/09 | 0.300 | 6C | X | | X | | | X | | | SNC |
| LINCOLN | W-001479 | 03/31/08 | 1.070 | 6D | X | X | X | | | X | | | |
| LISBON | W-002725 | 05/18/10 | 2.025 | 6D | X | | X | | | X | | | |
| LIVERMORE FALLS | W-002654 | 09/21/10 | 2.000 | 6D | | X | X | | | X | | | |
| LUBEC | W-006306 | 11/12/13 | 0.166 | 6C | | | | X | | X | | | |
| MACHIAS | W-002674 | 09/06/10 | 0.370 | 6C | X | X | X | | | X | | | |
| MADAWASKA | W-002602 | 12/10/13 | 0.674 | 6C | | 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 | | | X | | | |
| MEXICO (RUMFORD- MEXICO SEWERAGE DISTRICT) | W-002686 | 09/21/10 | 2.650 | 6D | X | | X | | | X | | | |
| MILBRIDGE | W-000862 | 11/18/08 | 0.070 | 6B | | | | X | | X | X | | |
| MILFORD | W-008223 | 11/04/10 | ---- | 5T | | X | | | | X | | | |

APPENDIX A

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2008 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 |
|---|-----------|-----------|-------------|------|-------|-----|-----|--------|-----|------|-----|-------|-------------------|
| MILLINOCKET | W-002680 | 02/11/09 | 2.330 | 6D | X | | X | | | X | | | |
| MILO | W-002753 | 10/05/09 | 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 I | W-002657 | 07/07/09 | 0.250 | 6C | | | X | | | X | | | |
| MT. DESERT- SOMESVILLE | W-002656 | 12/29/13 | 0.080 | 6B | | | X | | | X | | | SNC |
| NEWPORT | W-000865 | 07/01/09 | 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 SANITARY DISTRICT) | 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 | | | SNC |
| NORTHPORT (NORTHPORT VILLAGE CORPORATION) | W-002575 | 06/29/09 | 0.063 | 6B | | | | X | | X | | | |

APPENDIX A

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2008 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 |
|--|-----------|-----------|-------------|------|-------|-----|-----|--------|-----|------|-----|-------|-------------------|
| NORWAY | W-002647 | 06/02/13 | 0.975 | 6C | X | | X | | | X | | | |
| OAKLAND | W-002690 | 05/15/06 | 0.480 | 6C | X | | X | | | X | | | |
| OGUNQUIT | W-000449 | 03/12/13 | 1.280 | 6D | X | | X | | | X | | | |
| OLD ORCHARD BEACH | W-002786 | 04/19/10 | 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 |
| 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 | 06/08/09 | 1.500 | 6D | | | X | | | X | | | |
| PORTLAND | W-008010 | 10/24/13 | ----- | 5T | | X | | | | X | | | |
| PORTLAND (PORTLAND WATER DISTRICT) | W-002671 | 01/10/11 | 19.800 | 5M | X | X | X | | X | X | | | SNC, EL |

APPENDIX A

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2008 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 |
|--|-----------|-----------|-------------|------|-------|-----|-----|--------|-----|------|-----|-------|-------------------|
| 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 | | | X | | | |
| PRESQUE ISLE-ECHO LAKE | W-008017 | 07/24/13 | 0.004 | 6A | | | | | | | X | | |
| PRESQUE ISLE- LANDFILL | W-008088 | 07/21/11 | --- | 6B | | | | | | | | X | |
| RANDOLPH | W-008074 | 04/08/09 | ----- | 5T | | X | | | | X | | | |
| RANGELEY | W-008086 | 05/02/12 | ----- | 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 | | | SNC |
| RUMFORD-RUMFORD POINT (RUMFORD- MEXICO SEWERAGE DISTRICT) | W-002685 | 09/21/10 | 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 | 09/03/09 | 2.500 | 6D | X | | X | | | X | | | |

APPENDIX A

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2008 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 |
|--|-----------|-----------|-------------|------|-------|-----|-----|--------|-----|------|-----|-------|-------------------|
| 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 | 04/23/09 | 9.300 | 5M | X | X | X | | X | X | | | |
| SOUTHWEST HARBOR | W-002676 | 12/27/09 | 0.375 | 6C | X | | X | | | X | | | |
| ST. AGATHA | W-002755 | 06/22/10 | 0.060 | 6B | | | | | | X | | | SNC |
| 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 | 09/02/09 | 0.560 | 6C | X | | | | | X | | | |
| VASSALBORO- CEMETERY STREET FACILITY | W-008102 | 01/31/10 | 0.029 | 6B | | | | | | X | | | |
| VASSALBORO-MAIN STREET FACILITY | W-002597 | 01/31/10 | 0.025 | 6B | | | | | | X | | | |
| VASSALBORO-NORTH MAIN STREET FACILITY | W-008101 | 01/31/10 | 0.025 | 6B | | | | | | X | | | |

APPENDIX A

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2008 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 |
|---|-----------|-----------|-------------|------|-------|-----|-----|--------|-----|------|-----|-------|-------------------|
| 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 | |
| WALLAGRASS PLT. (EAGLE LAKE WATER & SEWER DISTRICT) | W-007955 | 11/30/12 | 0.006 | 6A | | | | | | | X | | |
| WARREN | W-007023 | 04/25/10 | 0.244 | 6C | | | | | | X | | | |
| WASHBURN | W-007610 | 12/07/11 | 0.283 | 6C | | | X | | | X | | | |
| WATERVILLE (KENNEBEC SANITARY TREATMENT DISTRICT) | W-000687 | 05/06/09 | 12.700 | 5M | X | X | X | | X | X | | | |
| WELLS | W-000653 | 09/23/09 | 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 | 02/22/10 | 0.002 | 6A | | | | | | X | | | |
| WHITNEYVILLE- SCHOOL STREET FACILITY | W-008099 | 02/22/10 | 0.006 | 6A | | | | | | X | | | |
| WILTON | W-002365 | 07/07/11 | 0.450 | 6C | X | | X | | | X | | | |

APPENDIX A

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2008 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 |
|-------------------------------------|-----------|-----------|-------------|------|-------|-----|-----|--------|-----|------|-----|-------|-------------------|
| WINSLOW | W-008204 | 08/17/09 | ----- | 5T | | X | | | | X | | | |
| WINTER HARBOR | W-000562 | 12/07/10 | 0.125 | 6C | | | X | | | X | | | |
| WINTERPORT | W-001480 | 02/02/09 | 0.110 | 6C | | | | X | | X | | | SNC, EL |
| WISCASSET | W-000370 | 08/11/09 | 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 | MEPDES | FLOW MGD | | MAJOR | CSO | TOX | 301(H) | PRE | SURF | SUB | SPRAY | COMPLIANCE STATUS |
|---------------|------------|------------|--------------|--|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------------------|
| TOTALS | 164 | 138 | 214.7 | | 60 | 38 | 87 | 11 | 13 | 140 | 11 | 16 | EL=4 SNC=11 |

APPENDIX A
POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2008

KEY TO COLUMN HEADINGS

| | |
|--------------------------|--|
| LOCATION | Municipality in which discharge is located. |
| LICENSE # | DEP waste water 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. 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. |

- 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. On 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, 2008*
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 | 04/01/09 | 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 |
| AVON | DUNHAM'S PURE WATER HATCHERY | W-008105 | 10/18/10 | 6F | | | X | | | COMMERCIAL FISH HATCHERY; 0.5 MGD PROCESS WATER DISCHARGE | |
| BAILEYVILLE | DOMTAR MAINE CORP. | W-008072 | 04/01/09 | 5R | | | X | | | WOODLAND HYDRO PROJECT; 194,000 GPD NON-CONTACT COOLING WATER | |
| BAILEYVILLE | DOMTAR MAINE CORP. | W-008073 | 04/01/09 | 5R | | | X | | | GRAND FALLS HYDRO PROJECT; 100,000 GPD NON-CONTACT COOLING WATER | |
| BAILEYVILLE (WOODLAND) | DOMTAR MAINE CORPORATION | 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 | |

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| 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 | 04/25/10 | 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 | |
| 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 | 12/27/09 | 5P | | | X | | | CLAM PROCESSING FACILITY; 5000 GPD PROCESS WATER DISCHARGE | |

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| BEALS | MAINE COAST NORDIC | W-008194 | 03/30/09 | 6G | | | X | | | SALMON AQUACULTURE FACILITY (SPECTACLE ISLAND SITE) | |
| BEALS | MAINE COAST NORDIC | W-008187 | 03/30/09 | 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 | 04/08/09 | 5J | | | | | X | DISCHARGE OF TREATED SEPTAGE EFFLUENT | |
| BIDDEFORD | BIDDEFORD AND SACO WATER COMPANY | W-002545 | 08/12/10 | 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 | 12/02/09 | 6F | | | X | | | MARINE SCIENCE AND RESEARCH CENTER; 0.72 MGD TREATED MARINE LAB AND MARINE MAMMAL REHABILITATION CENTER WASTE WATER | |
| BIDDEFORD | WESTPOINT HOMES, INC. | W-002790 | 11/06/11 | 5R | | | X | | | TEXTILE MILL; 110,000 GPD NON-CONTACT COOLING WATER | |

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| 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 | STOLT SEA FARM, INC. | W-007577 | 04/06/10 | 6F | | | X | | | COMMERCIAL SALMON; 11.25 MGD PROCESS WASTE WATER DISCHARGE | |
| BOOTHBAY | VACATIONLAND DEVELOPMENT, INC. | W-003240 | 05/12/10 | 5J | | | | | X | COMMERCIAL CAMP GROUND; 5200 GPD SANITARY 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 | 04/27/10 | 5J | | | | | X | COMMERCIAL TRAILER PARK; 8,500 GPD SANITARY WASTE WATER 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 | EL |

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| BRUNSWICK | FPL ENERGY MAINE HYDRO | W-000571 | 09/22/13 | 5R | | | X | | | BRUNSWICK HYDRO PROJECT; 586,000 GPD NON-CONTACT COOLING WATER | |
| BRUNSWICK | PAUL'S MARINA | W-008209 | 08/30/09 | 5Z | | | | X | | EXPERIMENTAL TREATMENT SYSTEM; 450 GPD BOAT WASHWATER DISCHARGE FROM COMMERICAL MARINA | |
| BUCKSPORT | C.H. SPRAGUE & SON, INC. | W-002563 | 04/14/09 | 5S | | | X | | | FUEL OIL TERMINAL/TRANSFER FACILITY; STORM WATER DISCHARGE | |
| BUCKSPORT | VERSO ANDROSCOGGI N LLC | W-000598 | 11/02/09 | 5N | X | 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 | 04/25/10 | 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 | |
| CAMDEN | TOWN OF CAMDEN | W-007822 | 10/28/10 | 5V | | | X | | | SNOW DUMP; DISCHARGE TO TIDWATER | |
| CARIBOU | LORING DEVELOPMENT AUTHORITY | W-007926 | 06/14/09 | 5S | | | X | | | DRINKING WATER TREATMENT FACILITY; 8,000 GPD FILTER BACKWASH DISCHARGE | |

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| CARIBOU | WPS NEW ENGLAND GENERATION, INC. | W-000638 | 11/12/09 | 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 | SNC |
| CHERRYFIELD | CHERRYFIELD FOODS, INC. | W-006234 | 09/28/09 | 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 | 10/21/09 | 5P | | | X | | X | BLUEBERRY PROCESSING FACILITY; 0.1 MGD PROCESS WATER DISCHARGE; 0.27 MGD NON-CONTACT COOLING WATER DISCHARGE | SNC |
| CLINTON | FLOOD BROTHERS INC. | W-009024 | 10/30/13 | 5S | | | X | | | CONCENTRATED ANIMAL FEEDING OPERATIONS (CAFO); STORMWATER AND PROCESS WASTE WATER | |
| CUTLER | ATLANTIC SALMON OF MAINE LLC | W-009005 | 04/10/12 | 6G | | | X | | | SALMON AQUACULTURE FACILITY (CROSS ISLAND SITE) | |
| CUTLER | MAINE COAST NORDIC | W-008192 | 03/30/09 | 6G | | | X | | | SALMON AQUACULTURE FACILITY (CUTLER HARBOR SITE) | |

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| CUTLER | MAINE COAST NORDIC | W-008188 | 03/30/09 | 6G | | | X | | | SALMON AQUACULTURE FACILITY (CUTLER NORTH SITE) | |
| CUTLER | US NAVY- NAVAL COMMUNICATIO N UNIT | W-003318 | 12/29/10 | 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 DAMARISCOTT A | 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 | |
| DIXMONT | COUNTRY ACRE FARM | W-008243 | 08/15/11 | 5S | | | X | | | CONCENTRATED ANIMAL FEEDING OPERATION (CAFO); STORMWATER & PROCESS WASTE WATER | |

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| 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 | 10/15/09 | 6F | | | X | | | COMMERCIAL SALMONID HATCHERY (GARDINER LAKE); 10.08 MGD PROCESS WATER DISCHARGE | |
| EAST MILLINOCKET | GREAT LAKES HYDRO AMERICA, LLC | W-008076 | 03/09/09 | 5R | | | X | | | EAST MILLINOCKET HYDRO PROJECT; 30,240 GPD NON-CONTACT COOLING WATER | |
| EAST MILLINOCKET | GREAT LAKES HYDRO AMERICA, LLC | W-008077 | 03/09/09 | 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 | HERITAGE SALMON INC. | W-008190 | 03/30/09 | 6G | | | X | | | SALMON AQUACULTURE FACILITY (BROAD COVE SITE) | |
| EASTPORT | L.R. ENTERPRISES INC | W-008186 | 03/30/09 | 6G | | | X | | | SALMON AQUACULTURE FACILITY (TREATS ISLAND SITE) | |

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| EASTPORT | STOLT SEA FARM MAINE INC. | W-008181 | 03/30/09 | 6G | | | X | | | SALMON AQUACULTURE FACILITY (PRINCE COVE SITE) | |
| EASTPORT | STOLT SEA FARM MAINE INC. | W-008198 | 04/06/09 | 6G | | | X | | | SALMON AQUACULTURE FACILITY (JOHNSON COVE SITE) | |
| ELIOT | AUTOWASH INC. | W-008225 | 10/21/10 | 5S | | | | X | | COMMERCIAL CAR WASH | |
| ELLSWORTH | GREEN LAKE NATIONAL FISH HATCHERY | W-000721 | 02/06/09 | 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 | |
| ELLSWORTH | PENOBSCOT HYDRO, LLC | W-008065 | 04/01/09 | 5R | | | X | | | ELLSWORTH HYDRO PROJECT; 200,160 GPD NON-CONTACT COOLING WATER | |
| EMBDEN | DEPT. OF INLAND FISHERIES & WILDLIFE | W-002029 | 01/30/11 | 6F | | | X | | | ELA FISH REARING STATION; 4.75 MGD PROCESS WATER DISCHARGE | SNC |
| 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 | 04/01/09 | 5R | | | X | | | WEST ENFIELD HYDRO PROJECT; 403,200 GPD NON-CONTACT COOLING WATER | |

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| ENFIELD | DEPT. OF INLAND FISHERIES & WILDLIFE | W-002032 | 03/31/11 | 6F | | | X | | | COBB STATE FISH HATCHERY; 4.75 MGD PROCESS WATER DISCHARGE | SNC, EL |
| ENFIELD | INDECK POWER OVERSEAS LTD. | W-006116 | 07/26/10 | 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 | RIDGEWOOD MAINE HYDRO PARTNERS | W-008080 | 04/01/09 | 5R | | | X | | | EUSTIS HYDRO PROJECT; 7,200 GPD NON-CONTACT COOLING WATER | |
| FAIRFIELD | S. D. WARREN-SOMERSET PLANT | W-000385 | 09/12/08 | 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 | |

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| 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 | |
| FORT FAIRFIELD | TRI-COMMUNITY RECYCLING & SANITARY LANDFILL | W-008246 | 05/17/12 | 5J | | | | | X | 750,000 GPY DISCHARGE FROM SEPTAGE DEWATERING OPERATION | |
| FRANKLIN | AGVEST INC. | W-007755 | 10/15/09 | 5P | | | | | X | BLUEBERRY PROCESSING FACILITY; PROCESS WATER DISCHARGE | |
| FRANKLIN | UNIVERSITY OF MAINE— CENTER FOR COOPERATIVE AQUACULTURAL RESEARCH | W-007642 | 06/01/10 | 6F | | | X | | | AQUACULTURE RESEARCH FACILITY; 1.27 MGD PROCESS WATER DISCHARGE | |
| FRENCHBORO | ISLAND AQUACULTURE COMPANY INC. | W-008199 | 05/26/09 | 6G | | | X | | | SALMON AQUACULTURE FACILITY (BLACK ISLAND SITE) | |
| FRENCHVILLE | MOUNTAIN SPRINGS TROUT FARM | W-008125 | 04/25/10 | 6F | | | X | | | FISH HATCHERY; 0.65 MGD PROCESS WATER DISCHARGE | |

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| GARDINER | GARDINER WATER DISTRICT | W-000953 | 05/21/13 | 5S | | | X | | | DRINKING WATER TREATMENT FACILITY; 20,000 GPD FILTER BACKWASH DISCHARGE | |
| GARDINER | RIDGEWOOD MAINE HYDRO PARTNERS | W-008081 | 04/02/09 | 5R | | | X | | | AMERICAN TISSUE HYDRO PROJECT; 7,200 GPD NON-CONTACT COOLING WATER | |
| GOULDSBORO | BUMBLE BEE SEAFOODS, LLC | W-000791 | 03/09/12 | 5P | | | X | | | SARDINE PACKING FACILITY; 272,000 GPD PROCESS WATER DISCHARGE | SNC |
| 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 |
| GRAY | DEPT. OF INLAND FISHERIES & WILDLIFE | W-002031 | 06/06/11 | 6F | | | X | | | DRY MILLS FISH HATCHERY; 1.92 MGD PROCESS WATER DISCHARGE | SNC |
| HAMPDEN | COLD BROOK ENERGY | W-000563 | 11/06/11 | 5S | | | X | | | FUEL OIL TERMINAL/TRANSFER FACILITY; STORM WATER DISCHARGE | |
| HANCOCK | HANCOCK FOODS | W-003145 | 10/15/09 | 5P | | | X | | X | BLUEBERRY PROCESSING FACILITY; 0.025 MGD PROCESS WATER DISCHARGE | |
| HANCOCK | MERRILL BLUEBERRY FARMS | W-007792 | 10/26/09 | 5P | | | | | X | BLUEBERRY PROCESSING FACILITY; 72,000 GPD PROCESS WATER DISCHARGE | |

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| HARRISON | RODERICK DYER | W-008124 | 02/28/12 | 5J | | | | X | | 1800 GPD TREATED SEPTAGE LEACHATE DISCHARGE | |
| HARTLAND | IRVING TANNING COMPANY | W-001915 | 06/05/09 | 5R | | | X | | | LEATHER TANNING FACILITY; 500,000 GPD NON-CONTACT COOLING WATER | |
| HERMON | HERMON CAR WASH | W-008234 | 06/26/11 | 5S | | | | X | | COMMERCIAL CAR WASH; 1,000 GPD WASH WATER DISCHARGE | EL |
| HERMON | HERMON 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 | 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 | | X | STARCH PROCESSING FACILITY; 0.04 MGD PROCESS WATER DISCHARGE; 0.05 MGD NON-CONTACT COOLING WATER DISCHARGE | SNC |
| HOWLAND | PPL MAINE LLC | W-008064 | 04/01/09 | 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 | |
| ISLAND FALLS | NATIONAL STARCH & CHEMICAL CO. | W-002620 | 07/25/12 | 5O | | X | X | | | STARCH MANUFACTURING FACILITY; 0.12 MGD PROCESS WATER DISCHARGE | |
| 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 | 12/31/07 | 5J | | | | | X | COMMERCIAL MOBILE HOME PARK; 8700 GPD SANITARY WASTE WATER DISCHARGE | |

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| Location | Licensee | License # | Exp. Date | Type | Major | Tox | Surf | Sub | Spray | Comments | Compliance Status |
|--------------|---------------------------|-----------|-----------|------|-------|-----|------|-----|-------|--|-------------------|
| 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 | SNC |
| LEWISTON | FPL ENERGY MAINE HYDRO | W-007658 | 09/22/13 | 5R | | | X | | | LEWISTON FALLS HYDRO PROJECT; 700,000 GPD NON-CONTACT COOLING WATER | |
| LIMERICK | LEDGEMERE HYDRO, LLC | W-008059 | 02/24/09 | 5R | | | X | | | LEDGEMERE HYDRO PROJECT; 22,320 GPD NON-CONTACT COOLING WATER | |
| LINCOLN | LINCOLN 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 | |
| LINCOLN PLT. | AZISCOHOS HYDRO COMPANY | W-007582 | 10/26/09 | 5R | | | X | | | AZISCOHOS HYDRO PROJECT; 270,000 GPD NON-CONTACT COOLING WATER | |

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| LISBON | KNIGHT-CELOTEX LLC | W-002520 | 03/09/10 | 5S | | | X | | | FIBER BOARD MANUFACTURING FACILITY; 3.0 MGD NON-CONTACT COOLING WATER | |
| LISBON | MAINE ELECTRONICS | W-007759 | 08/17/09 | 5S | | X | X | | | DECOMMISSIONED CIRCUIT BOARD MANUFACTURING FACILITY; 79,000 GPD DISCHARGE FROM DEP-APPROVED GROUNDWATER REMEDIATION PROJECT | |
| LISBON | MILLER HYDRO GROUP | W-007590 | 04/01/09 | 5R | | | X | | | WORUMBO HYDRO PROJECT; 1.015 MGD NON-CONTACT COOLING WATER | |
| LISBON | MILLER INDUSTRIES, INC. | W-001820 | 06/22/10 | 5R | | | X | | | WORUMBO TEXTILE MILL; 50,000 GPD NON-CONTACT COOLING WATER | |
| LIVERMORE FALLS | VERSO ANDROSCOGGIN LLC | W-008067 | 06/14/09 | 5R | | | X | | | OTIS HYDRO PROJECT; 14,400 GPD NON-CONTACT COOLING WATER | |
| LIVERMORE 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 | |

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| LUBEC | ISF TRADING COMPANY | W-008161 | 12/01/13 | 5P | | | X | | | SEA CUCUMBER PROCESSING FACILITY; 8,000 GPD PROCESS WATER DISCHARGE | |
| LUBEC | STOLT SEA FARM MAINE INC. | W-008183 | 03/29/09 | 6G | | | X | | | SALMON AQUACULTURE FACILITY (ROGERS ISLAND NORTH SITE) | |
| LUBEC | STOLT SEA FARM MAINE INC. | W-008184 | 03/30/09 | 6G | | | X | | | SALMON AQUACULTURE FACILITY (BOOTH SITE) | |
| 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 | |
| MACHIASPORT | ATLANTIC SALMON OF MAINE | W-007951 | 11/29/12 | 5P | | | X | | | SALMON PROCESSING FACILITY; 0.021 MGD PROCESS WATER DISCHARGE | |
| MADAWASKA | FRASER PAPER | W-002727 | 08/17/09 | 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 | |
| MADAWASKA | MADAWASKA WATER DISTRICT | W-002562 | 11/14/89 | 5S | | | X | | | DRINKING WATER TREATMENT FACILITY; 30,000 GPD FILTER BACKWASH DISCHARGE | |

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| MADISON | MADISON PAPER INDUSTRIES | W-008063 | 06/22/12 | 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 | FRESHWAY, INC. D/B/A NATURALLY POTATOES INC. | W-007949 | 12/22/09 | 5P | | | | | X | POTATO PROCESSING FACILITY; PROCESS WASTE WATER DISCHARGE | |
| MARS HILL | J&D MCCRUM FARM | W-008230 | 09/06/11 | 5P | | | | | X | POTATO PROCESSING FACILITY; PROCESS WASTE WATER DISCHARGE | |
| MASARDIS | WPS NEW ENGLAND GENERATION | W-008069 | 10/26/09 | 5R | | | X | | | SQUA PAN HYDRO PROJECT; 4,800 GPD NON-CONTACT COOLING WATER | |
| MATTAWAM-KEAG | GREAT LAKES HYDRO AMERICA, LLC | W-008075 | 03/09/09 | 5R | | | X | | | MATTACEUNK HYDRO PROJECT; 144,000 GPD NON-CONTACT COOLING WATER | |
| 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 | |

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| MILFORD | DAAQUAM MAINE INC. | W-002525 | 10/14/09 | 5O | | | X | | | COSTIGAN SAWMILL; 9,000 GPD NON-CONTACT COOLING WATER DISCHARGE | |
| MILFORD | PPL MAINE LLC | W-002570 | 04/01/09 | 5R | | | X | | | MILFORD HYDRO PROJECT; 18,000 GPD NON-CONTACT COOLING WATER | |
| MILLINOCKET | KATAHDIN PAPER, LLC | W-002227 | 08/01/99 | 5N | X | 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 | 06/23/09 | 5R | | | X | | | TEXTILE MILL; 85,000 GPD NON-CONTACT COOLING WATER | |
| MOOSEHEAD JCT. TWP. | AQUA MAINE INC. | W-008087 | 11/19/09 | 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 | |

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| 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, EL |
| NEW SHARON | AAA INTERSTATE SEPTIC SERVICES INC. | W-009012 | 12/06/12 | 5J | | | | | X | DISCHARGE OF TREATED SEPTAGE EFFLUENT | |
| NEW SHARON | NEW SHARON WATER DISTRICT | W-007693 | 06/29/09 | 5S | | | X | | | DRINKING WATER TREATMENT FACILITY; 6,000 GPD FILTER BACKWASH DISCHARGE | |
| NORTH BERWICK | UNITED TECHNOLOGIES/PRATT & 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 | MESSALONSKIE STREAM HYDRO LLC | W-000577 | 02/24/09 | 5R | | | X | | | RICE RIPS (M3) HYDRO PROJECT; 26,900 GPD NON-CONTACT COOLING WATER | |
| OAKLAND | MESSALONSKIE STREAM HYDRO LLC | W-000585 | 02/24/09 | 5R | | | X | | | OAKLAND (M2) HYDRO PROJECT; 48,000 GPD NON-CONTACT COOLING WATER | |

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| 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 LANDFILL LEACHATE WATER; NON-CONTACT COOLING WATER, MISC. FILTER BACKWASH AND HYDRO STATION COOLING WATER DISCHARGES | |
| OLD TOWN | OLD TOWN WATER DISTRICT | W-007706 | 06/14/09 | 5S | | | X | | | DRINKING WATER TREATMENT FACILITY; 95,000 GPD FILTER BACKWASH DISCHARGE | |
| OLD TOWN | PPL GREAT WORKS, LLC | W-008068 | 04/01/09 | 5R | | | X | | | GREAT WORKS HYDRO PROJECT; 88,560 GPD NON-CONTACT COOLING WATER | |
| ORLAND | LETTS RELAX INC. (D/B/A/ BALSAM COVE CAMPGROUND) | W-007874 | 08/13/12 | 5J | | | | | X | COMMERCIAL CAMP GROUND; 3000 GPD SANITARY WASTE WATER DISCHARGE | |
| ORLAND | CRAIG BROOK NATIONAL FISH HATCHERY | W-001285 | 11/19/09 | 6F | | | X | | | FEDERAL SALMONID HATCHERY; 3.5 MGD PROCESS WATER DISCHARGE | SNC, EL |
| ORLAND | G.M. ALLEN & SONS | W-007791 | 10/26/09 | 5P | | | | | X | BLUEBERRY PROCESSING FACILITY; 67,880 GPA PROCESS WATER DISCHARGE | |

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| ORONO | ORONO-VEAZIE WATER DISTRICT | W-007954 | 08/05/09 | 5S | | | X | | | DRINKING WATER TREATMENT FACILITY; 92,000 GPD FILTER BACKWASH DISCHARGE | SNC |
| 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 | SNC, EL |
| ORRINGTON | PENOBSCOT ENERGY RECOVERY Co. | W-006893 | 06/29/09 | 5O | | | X | | | REFUSE FIRED GENERATING FACILITY; 22,500 GPD NON-CONTACT COOLING WATER; BOILER BLOWDOWN WATER, MISC. PROCESS WATERS | |
| OXFORD | ROBINSON MANUFACTURING Co. | W-000612 | 12/16/08 | 5N | X | X | X | | | TEXTILE MILL; 0.5 MGD PROCESS WATER AND SANITARY WASTE WATER DISCHARGE; 200,000 GPD NON-CONTACT COOLING WATER DISCHARGE | |
| PALERMO | DEPT. OF INLAND FISHERIES & WILDLIFE | W-002035 | 02/20/11 | 6F | | | X | | | PALERMO FISH REARING STATION; 4.75 MGD PROCESS WATER DISCHARGE | SNC |

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| PARSONSFIELD (KEZAR FALLS) | KEZAR FALLS HYDRO LLC | W-008060 | 02/20/09 | 5R | | | X | | | KEZAR FALLS HYDRO PROJECT; 22,320 GPD NON-CONTACT COOLING WATER | |
| PERRY | PASSAMA- QUODDY WATER DISTRICT | W-007568 | 10/04/09 | 5S | | | X | | | DRINKING WATER TREATMENT FACILITY; 75,000 GPD FILTER BACKWASH DISCHARGE | SNC, EL |
| 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 | |
| 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 | 02/06/09 | 5R | | | X | | | BAKED BEAN PROCESSING FACILITY; 525,000 GPD NON- CONTACT COOLING WATER | |
| PORTLAND | I.S.F. TRADING COMPANY | W-007808 | 12/14/09 | 5P | | | X | | | SEA URCHIN AND SHRIMP PROCESSING FACILITY; 10,000 GPD PROCESS WATER DISCHARGE | |

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| 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 | 11/23/09 | 5S | | | X | | | DRINKING WATER TREATMENT FACILITY; 90,000 GPD FILTER BACKWASH DISCHARGE | |
| RANGELEY | ATLANTIC SALMON MAINE, INC. | W-004701 | 12/30/10 | 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 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 | |
| RUMFORD | RUMFORD FALLS HYDRO LLC | W-008083 | 04/01/09 | 5R | | | X | | | RUMFORD FALLS HYDRO PROJECT; 145,000 GPD NON-CONTACT COOLING WATER | |
| SACO | FPL ENERGY MAINE HYDRO | W-000584 | 09/22/13 | 5R | | | X | | | CATARACT HYDRO PROJECT; 196,000 GPD NON-CONTACT COOLING WATER | |
| SANFORD | CYRO INDUSTRIES | W-001914 | 11/21/10 | 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 | |

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| SCARBOROUGH | DEP-DIV. OF ENVIRONMENTAL ASSESSMENT | W-008221 | 06/10/10 | 5U | | | X | | | AQUATIC HERBICIDE TREATMENT OF POND 6436 TO CONTROL INVASIVE EURASIAN MILFOIL | |
| SEARSPORT | C.H. SPRAGUE & SON, INC. | W-002564 | 04/14/09 | 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 | 03/09/10 | 5S | | | X | | | FUEL OIL TERMINAL/TRANSFER FACILITY; STORM WATER DISCHARGE | |
| SEARSPORT | IRVING OIL TERMINALS, INC. | W-001373 | 03/09/10 | 5S | | | X | | | FUEL OIL TERMINAL/TRANSFER FACILITY; STORM WATER DISCHARGE | |
| SKOWHEGAN | FPL ENERGY MAINE HYDRO | W-000583 | 09/22/13 | 5R | | | X | | | WESTON HYDRO PROJECT; 576,000 GPD NON-CONTACT COOLING WATER | |
| SKOWHEGAN | SKOWHEGAN STATE FAIRGROUNDS ASSOCIATION | W-008233 | 12/22/11 | 5V | | | | X | | SNOW DUMP; DISCHARGE TO MAPPED SAND AND GRAVEL ACQUIFER | |

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| SMITHFIELD | CAMP MATOAKA, INC. | W-006097 | 07/22/10 | 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 | CLEAN HARBORS ENVIRONMENTAL SERVICES, CO. | W-000647 | 07/29/09 | 5S | | | X | | | FUEL OIL TERMINAL/TRANSFER FACILITY; STORM WATER DISCHARGE | |
| SOUTH PORTLAND | EXXONMOBIL OIL CORPORATION | W-002653 | 01/01/09 | 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 | 12/06/09 | 5S | | | X | | | FUEL OIL TERMINAL/TRANSFER FACILITY; STORM WATER DISCHARGE | |
| SOUTH PORTLAND | CITGO PETROLEUM CORP. | W-000637 | 01/21/10 | 5S | | | X | | | FUEL OIL TERMINAL/TRANSFER FACILITY; STORM WATER DISCHARGE | |

APPENDIX B
NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2008*
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 |
|-----------------------|--|-----------|-----------|------|-------|-----|------|-----|-------|--|-------------------|
| SOUTH PORTLAND | PORTLAND PIPELINE CORPORATION | W-002651 | 06/29/09 | 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 | |
| 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 | |
| ST. GEORGE | MARSHALL POINT SEA FARM LLC | W-008247 | 02/28/12 | 6E | | | X | | | OYSTER & CLAM BREEDING AND REARING FACILITY; 10,100 GPD WASTE WATER DISCHARGE | SNC |
| STANDISH | FIRST TECHNOLOGY/ CONTROL DEVICES, INC. | W-000643 | 11/21/10 | 5N | X | X | X | | | MANUFACTURER OF ELECTRONIC COMPONENTS; 0.025 MGD PROCESS WATER AND NON-CONTACT COOLING WATER DISCHARGE | |
| T3 INDIAN PURCHASE | GREAT LAKES HYDRO AMERICA, LLC | W-008078 | 03/09/09 | 5R | | | X | | | NORTH TWIN HYDRO PROJECT; 36,000 GPD NON-CONTACT COOLING WATER | |
| T3 R11 | GREAT LAKES HYDRO AMERICA, LLC | W-008079 | 03/09/09 | 5R | | | X | | | RIPOGENUS HYDRO PROJECT; 691,200 GPD NON-CONTACT COOLING WATER | |

APPENDIX B
NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2008*
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 |
|---------------------------|--|-----------|-----------|------|-------|-----|------|-----|-------|--|-------------------|
| 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 | 04/02/09 | 5R | | | X | | | PEJEPSCOT HYDRO PROJECT; 349,920 GPD NON-CONTACT COOLING WATER | |
| TURNER | DeCOSTER EGG FARMS | W-001494 | 02/22/10 | 5R | | | X | | | CHICKEN EGG HATCHERY; 7,000 GPD NON-CONTACT COOLING WATER | |
| TURNER | QUALITY EGG OF NEW ENGLAND | W-008094 | 02/08/10 | 5O | | | | | X | COMMERCIAL EGG PRODUCTION FACILITY; 19,500 GPD EGG WASH WATER AND SANITARY WASTE WATER DISCHARGE | |
| 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 | 04/01/09 | 5R | | | X | | | VEAZIE HYDRO PROJECT; 60,550 GPD NON-CONTACT COOLING WATER | |

APPENDIX B
NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2008*
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 |
|------------|-------------------------------------|-----------|-----------|------|-------|-----|------|-----|-------|---|-------------------|
| WALDOBORO | OSRAM SYLVANIA | W-000714 | 10/03/11 | 5N | | | X | | | LIGHT BULB FILAMENT MANUFACTURING FACILITY; 10,000 GPD TREATED GROUNDWATER DISCHARGE | |
| WARREN | AQUA MAINE INC. | W-008214 | 04/25/10 | 5S | | | | X | | DRINKING WATER TREATMENT FACILITY; 6,000 GPD FILTER BACKWASH DISCHARGE | |
| WATERBORO | WATERWAYS, INC. | W-008129 | 09/25/06 | 5S | | | | X | | COMMERCIAL CAR WASH FACILITY; 700 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-009016 | 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 | UAH-HYDRO KENNEBEC LTD. PARTNERSHIP | W-007579 | 02/23/09 | 5R | | | X | | | HYDRO KENNEBEC PROJECT; 232,000 GPD NON-CONTACT COOLING WATER | |

APPENDIX B
NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2008*
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 |
|-----------|----------------------|-----------|-----------|------|-------|-----|------|-----|-------|---|-------------------|
| WINTHROP | DOROTHY EGG FARM | W-008103 | 09/28/10 | 5P | | | | | X | COMMERCIAL EGG PRODUCTION FACILITY; 3,000 GPD EGG WASH AND SANITARY WASTE WATER DISCHARGE | |
| WISCASSET | TOWN OF WISCASSET | W-007711 | 09/23/09 | 5V | | | X | | | SNOW DUMP; DISCHARGE TO TIDEWATER | |
| WOOLWICH | BATH WATER DISTRICT | W-008140 | 05/01/11 | 5S | | | X | | | DRINKING WATER TREATMENT FACILITY; 283,000 GPD FILTER BACKWASH DISCHARGE | |
| 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 | 05/20/10 | 5R | | | X | | | RESTAURANT & CANDY FACTORY; 20,000 GPD NON-CONTACT COOLING WATER DISCHARGE | |

| | LICENSES | | | | MAJOR | TOX | SURF | SUB | SPRAY | | COMPLIANCE STATUS |
|---------------|------------|--|--|--|-----------|-----------|------------|-----------|-----------|--|-------------------------|
| TOTALS | 217 | | | | 18 | 20 | 179 | 11 | 32 | | EL= 8 SNC= 15 |

* (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, 2008

KEY TO COLUMN HEADINGS

| | |
|-------------------|---|
| LOCATION | Municipality in which discharge is located. |
| LICENSEE | Name of license holder. |
| LICENSE # | DEP waste water facility/license number. |
| EXP. DATE | Expiration date of last DEP license issued for the facility. |
| TYPE | 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 |
| MAJOR | Major discharge facility. |
| TOX | Facility is subject to toxicity testing. |
| 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 Exception List (EL) during the year. 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 |

APPENDIX B

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2008

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 eleven licensed facilities are currently shut down and are not discharging: Baileyville—Louisiana Pacific Corp; Boothbay—Vacationland Development; Caribou—WPS New England Generation; Millinocket—Katahdin Paper; Old Town—Red Shield; Orrington—Holtrachem; Oxford—Robinson Manufacturing; Phillips—DIFW; South Bristol—South Bristol Wharf LLC; St. George—Great Eastern Mussel; and Standish—First Technology.
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 eight 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 three facilities are licensed as concentrated animal feeding operations (CAFOs): Clinton—Flood Brothers Inc.; Dixmont—Country Acre Farm; and Fort Fairfield—Pineland Farms Natural Meat Inc.

APPENDIX C

FINFISH AQUACULTURE FACILITIES APPROVED UNDER GENERAL PERMIT MEG130000 AS OF DECEMBER 31, 2008

| LICENSEE | LOCATION | LICENSE # | DATE APPROVED | TYPE | NOTES | COMPLIANCE |
|---------------------------------|-------------|-----------|------------------|------|-----------------------|------------|
| ATLANTIC SALMON OF MAINE LLC | MACHIASPORT | W-008165 | 07/28/2003 | 6H | STARBOARD ISLAND SITE | |
| ATLANTIC SALMON OF MAINE LLC | MACHIASPORT | W-008166 | 07/28/2003 | 6H | STONE ISLAND SITE | |
| MAINE COAST NORDIC | CUTLER | W-008228 | 10/14/2005 | 6H | CUTLER WEST SITE | |

NUMBER OF FACILITIES = 3

NOTE: GENERAL PERMIT MEG130000 EXPIRES SEPTEMBER 22, 2013.

\AQUACULTURE GENERAL PERMITS 12-31-2008

APPENDIX D

POINT SOURCE DISCHARGERS ON THE EXCEPTIONS LIST (EL) Calendar Year 2008

| FACILITY | PARAMETER(S) | STATUS (EL)* |
|--|---|---|
| BRUNSWICK & TOPSHAM WATER DISTRICT | Total Suspended Solids ACTIONS: TSS excs continue. Pilot study did not find a suitable treatment method, they are seeking a modification either to their limits or their sampling/analysis method. New license seems to have solved non-compliance issues. | 1 st & 2 nd Quarters |
| CORINNA WASTEWATER TREATMENT PLANT | Application Rate ACTIONS: Facility experienced high levels of wastewater throughout the entire spray season. Applicant notified the DEP of intention to increase spray rates to lower levels of wastewater in storage lagoon in Fall of 2007. Have been spraying in excess of license limits since that time. Site modifications are being implemented. | 3 rd & 4 th Quarters |
| ENFIELD IF&W FISH HATCHERY | Formalin Biological Oxygen Demand ACTIONS: BOD violation pounds per day monthly average. Due to high flow causing the minimum reporting limit for concentration to trigger a violation in the quantity parameter. Formalin violations have been included in pending consent agreement. | 3 rd & 4 th Quarters 3 rd Quarter |
| GRAND LAKE STREAM PLANTATION IF&W FISH HATCHERY | Formalin ACTIONS: Grand Lake Stream is discharging without treatment. Discussions on-going with IF&W concerning the construction of treatment at this facility with bond money. | 1 st Quarter |

APPENDIX D

POINT SOURCE DISCHARGERS ON THE EXCEPTIONS LIST (EL) Calendar Year 2008

| FACILITY | PARAMETER(S) | STATUS (EL)* |
|--|--|--|
| HERMON – HERMON CAR WASH | Diesel Range Organics & Quarters Gasoline Range Organics ACTIONS: Facility has installed different types of organoclay filters which have dramatically dropped test values. Department continues to monitor this situation to determine the effectiveness of the treatment systems installed. | 1 st & 2 nd |
| NEW GLOUCESTER IF&W FISH HATCHERY | Total Suspended Solids Biological Oxygen Demand Flow ACTIONS: Facility removed accumulated sludge from their settling ponds to improve treatment of discharge. Violations included in the draft consent agreement. | 2 rd & 3 rd Quarters 2 rd & 3 rd Quarters 1 st , 2 nd & 3 rd Quarters |
| ORLAND – CRAIG BROOK NATIONAL FISH HATCHERY | Formalin Phosphorus ACTIONS: Facility has experienced numerous formalin violations due to application strategy. DEP scheduling a meeting to discuss the strategy and application of using formalin at this facility. | 2 nd , 3 rd & 4 th Quarters 3 rd & 4 th Quarters |

APPENDIX D

POINT SOURCE DISCHARGERS ON THE EXCEPTIONS LIST (EL) Calendar Year 2008

| FACILITY | PARAMETER(S) | STATUS (EL)* |
|---|--|---|
| ORRINGTON – HOLTRACHEM MFG CO | <p>Mercury</p> <p>ACTIONS: Facility reports that the higher levels of Hg are due to elevated groundwater/stormwater infiltration to Outfall 001. The volume of treated water was 18,000 gal, but the total volume of water discharged was 73,000 gal (significantly higher). Facility looking into measures to reduce or eliminate water I/I into Outfall 001. A contingency plan has been developed to pump water from the weir to the WWT operation following periods of high rainfall if the screening tests show high Hg concentrations. Facility also notes that they've discovered a problem with the accuracy of the flow meter/sensor. The flows for Dec are based on manual measurements/calculations. New flow meter/sensor to be in place late Jan/Feb 2009. Facility states that they need to go back through the past and correct DMRs based on issues with flow meter readings.</p> | 1 st & 2 nd Quarter |
| PARIS UTILITY DISTRICT | <p>Copper</p> <p>ACTIONS: On going negotiation of a consent agreement is underway to resolve these violations.</p> | All 4 Quarters |
| PERRY – PASSAMAQUODDY WATER DISTRICT | <p>Aluminum</p> <p>Total Residual Chlorine</p> <p>ACTIONS: Encountering problems operating the facility due to the very low dilution ratio for their discharge into a local stream. Total residual Chlorine limit violated due to the use of Chlorine dioxide. Need to establish chlorine dioxide limit.</p> | <p>All 4 Quarters</p> <p>3rd & 4th Quarters</p> |

APPENDIX D

POINT SOURCE DISCHARGERS ON THE EXCEPTIONS LIST (EL) Calendar Year 2008

| FACILITY | PARAMETER(S) | STATUS (EL)* |
|---------------------------------------|--|--|
| PORTLAND – PORTLAND WATER DISTRICT | Fecal Coliform ACTIONS: This facility has experienced a significant number of fecal coliform violations during rainstorm events. They have replaced the influent gates, provided troubleshooting of their chlorinating mixer, increased the chlorinating set point for storm events, and have been working very aggressively on their CSO master plan. DEP continues to monitor the situation as Portland continues to work to diagnose the root cause of the problem. | 1 st , 3 rd & 4 th Quarters |
| WINTERPORT WASTEWATER TREATMENT PLANT | Flow ACTIONS: Facility has experienced numerous flow violations due to high inflow and infiltration. On most occasions, there are no combined sewer events and no bypass events, the flow is routed to the swirl separator and the plant and between them they handle the flows. | 1 st and 2 nd Quarters |

* The Status column indicates the quarters of the year in which the violation(s) occurred or the Exceptions List Criteria were triggered.

APPENDIX E

POINT SOURCE DISCHARGERS IN SIGNIFICANT NON-COMPLIANCE (SNC) Calendar Year 2008

| FACILITY | PARAMETER(S) | STATUS (SNC)* |
|---|---|---|
| AUGUSTA IF&W FISH HATCHERY | Phosphorus Quarter ACTIONS: Various phosphorus violations have been included in a draft consent agreement. | 3 rd |
| BRUNSWICK – GRAHAM ROAD LANDFILL | Phenols E. Coli ACTIONS: Various violations at facility related to design and or operation. Facility has developed a plan to disinfect the discharge from the treatment facility and improve treatment of phenols. | 1 st & 2 nd Quarters 3 rd Quarter |
| CASCO IF&W FISH HATCHERY | Phosphorus ACTIONS: Various phosphorus violations have been included in a draft consent agreement. | 4 th Quarter |
| CASTINE WASTEWATER TREATMENT PLANT | Flow ACTIONS: Flow violations due to inflow and infiltration. Construction of new treatment works secondary treatment unit processes initiated in Fall 2008. | 2 nd Quarter |
| CHERRYFIELD – JASPER WYMAN & SON | Biological Oxygen Demand ACTIONS: Facility violated BOD daily max concentration. Facility installing subsurface line to lagoon to eliminate surface water discharge. Pending removal of RR tracks to install piping. | 4th Quarter |
| CORINNA WASTEWATER TREATMENT PLANT | Application Rate ACTIONS: Facility experienced high levels of wastewater throughout the entire spray season. Applicant notified the DEP of intention to increase spray rates to lower levels of wastewater in storage lagoon in Fall of 2007. Have been spraying in excess of license limits since that time. Site modifications are being implemented. | 3 rd & 4 th Quarters |

APPENDIX E

POINT SOURCE DISCHARGERS IN SIGNIFICANT NON-COMPLIANCE (SNC) Calendar Year 2008

| FACILITY | PARAMETER(S) | STATUS (SNC)* |
|---|---|---|
| EMBDEN IF&W FISH HATCHERY | Phosphorus ACTIONS: Various phosphorus violations have been included in a draft consent agreement. | 3 rd Quarter |
| ENFIELD IF&W FISH HATCHERY | Formalin Biological Oxygen Demand ACTIONS: Various formalin and biological oxygen demand violations were all included in a draft consent agreement. | 3 rd & 4 th Quarters 3 rd Quarter |
| GOULDSBORO – BUMBLE BEE SEAFOODS, LLC | Flow ACTIONS: Facility experienced flow violations due to using pump time rather than flow meter to calculate flow. Facility sent a letter of warning for the flow violations. | 1 st Quarter |
| GRAY IF&W FISH HATCHERY | Total Suspended Solids ACTIONS: Various total suspended solid violations were included in a draft consent agreement. | 2 nd Quarter |
| KITTERY PORTSMOUTH NAVAL SHIPYARD | High pH ACTIONS: High pH values are related to the replacement and or repair of concrete in the dry dock at the facility. Communicated with facility about care and caution when repairing concrete structures. | 3 rd Quarter |
| LIMESTONE WASTEWATER TREATMENT PLANT | Flow ACTIONS: This facility has struggled with inflow and infiltration problems in the past. They have spent millions of dollars replacing the sewer system in town to eliminate this problem. Facility to be discontinued and flow pumped to Loring Development Authority. | 3 rd Quarter |

APPENDIX E

POINT SOURCE DISCHARGERS IN SIGNIFICANT NON-COMPLIANCE (SNC) Calendar Year 2008

| FACILITY | PARAMETER(S) | STATUS (SNC)* |
|--|---|--|
| MT DESERT SOMESVILLE TREATMENT FACILITY | High pH ACTIONS: Caustic feed on influent working normally and pH the day before was compliant. Added caustic feed system to chlorine contact chamber to address pH issues on effluent end. | 3 rd Quarter |
| NEW GLOUCESTER IF&W FISH HATCHERY | Total Suspended Solids Biological Oxygen Demand Flow ACTIONS: Various violations were included in a draft consent agreement. | 2 rd & 3 rd Quarters 2 rd & 3 rd Quarters 1 st , 2 nd & 3 rd Quarters |
| NORTH HAVEN WASTEWATER TREATMENT PLANT | Fecal Coliform Total Residual Chlorine Flow ACTIONS: Facility has experienced a number of operational problems resulting in numerous fecal coliform violations. Facility was sent a letter of warning concerning these violations. | 3 rd Quarter 3 rd Quarter 1 st & 3 rd Quarters |
| ORLAND – CRAIG BROOK NATIONAL FISH HATCHERY | Formalin Phosphorus Quarters ACTIONS: Facility has experienced numerous formalin violations due to application strategy. DEP scheduling a meeting to discuss the strategy and application of using formalin at this facility. | 2 nd , 3 rd & 4 th Quarters 3 rd & 4 th |
| ORONO – VEAZIE WATER DISTRICT | Total Suspended Solids ACTIONS: Facility has experienced numerous total suspended solids violations due to increased pumping needed for poor water quality and filter failure. Enforcement and compliance staff monitoring the situation. | 1 st & 4 th Quarters |

APPENDIX E

POINT SOURCE DISCHARGERS IN SIGNIFICANT NON-COMPLIANCE (SNC) Calendar Year 2008

| FACILITY | PARAMETER(S) | STATUS (SNC)* |
|---|---|--|
| ORRINGTON – HOLTRACHEM MFG CORP | Mercury ACTIONS: Facility reports that the higher levels of Hg are due to elevated groundwater/stormwater infiltration to Outfall 001. The volume of treated water was 18,000 gal, but the total volume of water discharged was 73,000 gal (significantly higher). Facility looking into measures to reduce or eliminate water I/I into Outfall 001. A contingency plan has been developed to pump water from the weir to the WWT operation following periods of high rainfall if the screening tests show high Hg concentrations. Facility also notes that they've discovered a problem with the accuracy of the flow meter/sensor. The flows for Dec are based on manual measurements/calculations. New flow meter/sensor to be in place late Jan/Feb 2009. Facility states that they need to go back through the past and correct DMRs based on issues with flow meter readings. | 1 st & 2 nd Quarters |
| PALERMO IF&W FISH HATCHERY | Phosphorus ACTIONS: Various phosphorus violations were included in a draft consent agreement. | 4 th Quarter |
| PERRY – PASSAMAQUODDY WATER DISTRICT | Aluminum Total Residual Chlorine ACTIONS: Encountering problems operating the facility due to the very low dilution ratio for their discharge into a local stream. Total residual Chlorine limit violated due to the use of Chlorine dioxide. Need to establish chlorine dioxide limit. | All 4 Quarters 3 rd & 4 th Quarters |
| PORTLAND WATER DISTRICT EAST END TREATMENT PLANT | Fecal Coliform ACTIONS: This facility has experienced a significant number of fecal coliform violations during rainstorm events. They have replaced the influent gates, provided troubleshooting of their chlorinating mixer, increased the chlorinating set point for storm events, and have been working very aggressively on their CSO master plan. DEP continues to monitor the situation as Portland continues to work to diagnose the root cause of the problem. | 1 st , 3 rd & 4 th Quarters |

APPENDIX E

POINT SOURCE DISCHARGERS IN SIGNIFICANT NON-COMPLIANCE (SNC) Calendar Year 2008

| FACILITY | PARAMETER(S) | STATUS (SNC)* |
|--|---|--|
| ROCKLAND WASTEWATER TREATMENT PLANT | Cyanide ACTIONS: Rockland gets occasional CN hits, even though there is no obvious industrial source in the system. Rockland has executed the TIE and has been proceeding with a TRE to attempt to identify the source of the cyanide. They have not had any hits for cyanide since the TRE phase began. Not currently disinfecting due to off season. Will continue to monitor for cyanide and continue with TRE efforts throughout the spring and summer. | 3 rd Quarter |
| ST. AGATHA WASTEWATER TREATMENT PLANT | Biological oxygen demand E. Coli ACTIONS: Facility has experienced some operational problems due to process control problems coupled with some inflow & infiltration problems. Department staff have provided some troubleshooting assistance and have sent a compliance initiative letter to the facility requesting that they investigate the inflow & infiltration problems. | 2 nd Quarter 2 nd Quarter |
| ST. GEORGE – MARSHALL POINT SEA FARM LLC | Total Suspended Solids ACTIONS: Facility has experienced some very minor exceedences of total suspended solids. This facility is challenged by these operational problems due to the size and nature of the operation. Also have uncovered problems with commercial laboratory analyses of marine wastewater effluents for total suspended solids. | 2 nd Quarter |
| WINTERPORT WASTEWATER TREATMENT PLANT | Flow ACTIONS: Facility has experienced numerous flow violations due to high inflow and infiltration. On most occasions, there are no combined sewer events and no bypass events, the flow is routed to the swirl separator and the plant and between them they handle the flows. | 1 st & 2 nd Quarters |

APPENDIX E

POINT SOURCE DISCHARGERS IN SIGNIFICANT NON-COMPLIANCE (SNC) Calendar Year 2008

| FACILITY | PARAMETER(S) | STATUS (SNC)* |
|----------|--------------|---------------|
|----------|--------------|---------------|

* The Status column indicates the quarters of the year in which the violation(s) occurred or Significant Non Compliance criteria were triggered.

APPENDIX F
PROJECTS FUNDED BY THE CLEAN WATER STATE REVOLVING LOAN FUND (CWSRF)
DURING THE STATE FISCAL YEAR 2008:

| PROJECT | PROJECT AMOUNT |
|--|-----------------------|
| AUBURN SEWERAGE DISTRICT: CSO ABATEMENT THROUGH SEWER SEPARATION | \$1,400,000 |
| TOWN OF BAILEYVILLE: SEWER REHABILITATION, STORM WATER SEPARATION AND TREATMENT PLANT UPGRADE TO THE SLUDGE DRYING BEDS | \$1,900,000 |
| CITY OF BANGOR: CSO REDUCTION THROUGH SEWER SEPARATION AND PUMP STATION UPGRADE | \$2,000,000 |
| CITY OF BATH: CSO ABATEMENT THROUGH SEWER REHABILITATION AND PUMP STATION UPGRADE | \$1,400,000 |
| BERWICK SEWER DISTRICT: PUMP STATION AND FORCE MAIN REPLACEMENT | \$600,000 |
| TOWN OF CASTINE: MAJOR TREATMENT PLANT UPGRADE | \$3,500,000 |
| FREEPORT SEWER DISTRICT: CONTROL BUILDING UPGRADE TO ELECTRICAL ROOM, GENERATOR ROOM AND GARAGE | \$850,000 |
| GREATER AUGUSTA UTILITY DISTRICT: PHASE 3 CSO DESIGN | \$2,000,000 |
| HOULTON WATER COMPANY: SEWER REHABILITATION | \$635,375 |
| KENNEBUNK SEWER DISTRICT: TREATMENT PLANT FLOOD REPAIR PROJECT | \$2,000,000 |
| LINCOLN SANITARY DISTRICT: REFINANCE OF EXISTING RURAL DEVELOPMENT LOAN | \$815,887 |
| MAINE FOREST SERVICE: FUNDS FOR MAINE FORESTRY DIRECT LINK PROGRAM TO ADDRESS NON-POINT SOURCE POLLUTION FROM TIMBER HARVESTING. | \$2,000,000 |
| TOWN OF MILLINOCKET: SEWER REHABILITATION | \$1,050,000 |
| TOWN OF ORONO: TREATMENT PLANT UPGRADE | \$5,420,000 |
| PRESQUE ISLE SEWER DISTRICT: OUTFALL EXTENSION TO THE AROOSTOOK RIVER | \$2,950,000 |
| PORTLAND WATER DISTRICT: NORTHEAST AND INDIA STREET PUMP STATION UPGRADES | \$6,000,000 |
| PORTLAND WATER DISTRICT: PUMP STATION AND FORCE MAIN FROM LITTLE FALLS AREA OF GORHAM TO WESTBROOK TO ELIMINATE A TREATMENT FACILITY | \$6,500,000 |
| TOWN OF ST. AGATHA: SEWER EXTENSION ON PELLETIER ISLAND TO ELIMINATE FAILING SEPTIC SYSTEMS | \$300,000 |
| TOWN OF STETSON: SAND/SALT SHED | \$180,000 |
| TOTAL | \$41,501,262 |

APPENDIX G

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 2009. These needs are determined from engineering studies and capital improvement plans for municipalities and districts.

| MAINE WASTEWATER FACILITIES NEEDS | | | |
|-----------------------------------|---------------------------------|--------------------------|--------------|
| JANUARY 2009 | | | |
| Prepared by Maine DEP | | | |
| Municipality or District | Proposed Project | Costs Next Five Years | Total Costs |
| Ashland | sewer extension | \$317,052 | \$317,052 |
| Auburn S.D. | CSO Sewers | \$7,051,840 | \$7,051,840 |
| Greater Augusta UD | CSO Sewers | \$16,256,973 | \$19,508,367 |
| Greater Augusta UD | Winthrop St sewer sep | \$429,979 | \$429,979 |
| Greater Augusta UD | Capital St. (Trunkline) | \$2,687,371 | \$2,687,371 |
| Greater Augusta UD | Replace/rehab sewers/p.s. | \$7,797,993 | \$7,797,993 |
| Greater Augusta UD | Treatment plant upgrades | \$2,399,383 | \$2,399,383 |
| Bangor | CSO Sewer Work | \$10,567,367 | \$10,567,367 |
| Bar Harbor | CSO Sewer Work | \$1,192,934 | \$18,653,152 |
| Bath | CSO Sewer Work | \$1,627,375 | \$3,180,778 |
| Belfast | CSO Sewer Work | \$3,453,413 | \$7,865,534 |
| Bethel | TMDL study to be done | \$0 | \$0 |
| Biddeford | CSO Sewer Work | \$4,938,845 | \$44,299,636 |
| Bingham | Sewer Rehab & WWTF upgrade | \$1,561,122 | \$1,561,122 |
| Brewer | CSO Sewer Work | \$5,188,577 | \$6,773,682 |
| Brunswick SD | Sewer replacement and equipment | \$1,561,635 | \$1,561,635 |
| Bucksport | WWTF Upgrade to secondary | \$0 | \$5,434,838 |
| Bucksport | Sewer Rehab | \$0 | \$199,953 |
| Calais | WWTP Upgrade | \$5,097,540 | \$6,902,919 |
| Calais | CSO Sewer Work | \$5,706,378 | \$10,038,999 |
| (Cape Elizabeth North) | Sewer Rehab | \$1,057,610 | \$1,057,610 |
| Carmel | WWTF & Sewers | \$1,281,709 | \$1,281,709 |
| Castine | Outfall relocation | \$1,056,737 | \$1,056,737 |
| Castine | I/I Rehab | \$2,430,494 | \$2,430,494 |
| Dover-Foxcroft | TMDL study to be done | \$0 | \$0 |
| Eagle Lake | Addition of offices and storage | \$113,037 | \$113,037 |

APPENDIX G

POTW PROJECTED UPGRADE NEEDS

| | | | |
|---------------------|---|--------------|--------------|
| Ellsworth | New treatment plant & outfall add'tl needed funds | \$1,999,532 | \$1,999,532 |
| Fairfield | CSO Sewer Work | \$886,504 | \$886,504 |
| Farmington | Lincoln St.X-country main upgrade | \$514,880 | \$514,880 |
| Farmington | TMDL study to be done | \$0 | \$0 |
| Gardiner | CSO Sewer Work | \$1,189,702 | \$2,181,120 |
| Great Salt Bay | Days Cove PS upgrade | \$444,728 | \$444,728 |
| Hampden | CSO Sewer Work | \$1,056,737 | \$1,056,737 |
| Houlton | WWTP upgrade | \$7,609,257 | \$7,609,257 |
| Jonesport | WWTF & Sewers | \$10,225,013 | \$10,225,013 |
| K.S.T.D. | CSO Sewer Work | \$132,092 | \$4,308,316 |
| K.S.T.D. | WWTF Upgrade | \$2,662,008 | \$2,662,008 |
| Kennebunk | TMDL study to be done | \$0 | \$0 |
| Kennebunk | WWTP Upgrade (Phase II) | \$7,812,402 | \$7,812,402 |
| Kennebunkport | Influent P.S. and influent screens | \$427,728 | \$427,728 |
| LAWPCA | WWTF Upgrade | \$4,754,140 | \$15,001,953 |
| Lewiston | CSO Sewer Work | \$10,567,367 | \$10,567,367 |
| Limestone | Loring/Limestone to Aroos. | \$15,874,957 | \$15,874,957 |
| Lincoln S.D. | Pump Station rehab & sewer Enfield/Broadway | \$2,107,742 | \$2,107,742 |
| Lincoln S.D. | Treatment plant upgrades | \$2,791,747 | \$2,791,747 |
| Lincolnvile | Beach & Center WW facilities | \$8,964,392 | \$8,964,392 |
| Livermore Falls | TMDL study to be done | \$0 | \$0 |
| Livermore Falls | sewer rehabilitation | \$458,347 | \$458,347 |
| Machias | WWTF upgrade & CSO Sewer Work | \$6,850,160 | \$6,850,160 |
| Madawaska | CSO Sewer Work | \$2,139,892 | \$2,139,892 |
| Mechanic Falls S.D. | CSO Sewer Work | \$2,121,236 | \$4,594,261 |
| Milbridge | WWTF upgrade, PL II | \$1,452,654 | \$1,452,654 |
| Millinocket | Treatment lagoon improvements | \$4,573,930 | \$4,573,930 |
| Milo W.D. | CSO Sewer Work | \$1,479,431 | \$1,479,431 |
| Mt. Desert | NE Harbor - Clarifier & sludge | \$0 | \$2,747,515 |
| Mt. Desert | Bracey Cove P.S. | \$749,825 | \$749,825 |
| Newport | TMDL study to be done | \$0 | \$0 |
| Newport SD | I/I Removal | \$2,214,193 | \$2,214,193 |
| North Jay | TMDL study to be done | \$0 | \$0 |
| Northport | Upgrade plant & extend outfall | \$3,568,030 | \$3,568,030 |
| Oakland | new or upgrade plant | \$4,598,924 | \$4,598,924 |
| Old Orchard | Seven P.S. upgrades | \$5,357,076 | \$5,357,076 |
| Old Orchard | Sewer rehab/replacement | \$899,789 | \$1,699,602 |
| Old Orchard | P.S. Upgrades | \$1,199,719 | \$1,199,719 |
| Old Orchard | SCADA system upgrade | \$449,895 | \$449,895 |
| Old Town | CSO Sewer Work | \$4,226,947 | \$4,226,947 |
| Orono | CSO Sewer Work | \$488,212 | \$488,212 |
| Paris U.D. | WWTF Upgrade | \$8,594,566 | \$8,594,566 |
| Paris U.D. | CSO Sewer Work | \$311,737 | \$311,737 |
| Patten | sewer ext. to protect well | \$317,052 | \$317,052 |

APPENDIX G

POTW PROJECTED UPGRADE NEEDS

| | | | |
|-------------------|---|----------------------|----------------------|
| Portland W.D. | WWTF Upgrade-Portland | \$1,707,250 | \$1,707,250 |
| Portland W.D. | East End WWTF Upgrades | \$3,359,029 | \$3,359,029 |
| Portland W.D. | SCADA /Process Control | \$557,890 | \$557,890 |
| Portland W.D. | Cape Elizabeth Pump Station | \$1,208,762 | \$1,208,762 |
| Portland W.D. | Cape Elizabeth WWTF | \$1,142,346 | \$1,142,346 |
| Portland W.D. | Cumberland P.S. | \$81,824 | \$81,824 |
| Portland W.D. | Westbrook P.S. Upgrade | \$690,721 | \$690,721 |
| Portland W.D. | CPE - Westbrook | \$6,186,982 | \$6,186,982 |
| Portland, City of | CSO Sewer Work Tier 2 | \$46,475,703 | \$46,475,703 |
| Portland, City of | CSO Sewer Work Tier 3 | \$0 | \$30,589,642 |
| Presque Isle | Sewer rehab/extensions. | \$1,553,637 | \$8,551,999 |
| Presque Isle | Treatment plant upgrades/rehab | \$623,854 | \$2,623,386 |
| Randolph | CSO Sewer Work | \$678,926 | \$678,926 |
| Randolph | Pump station upgrade | \$1,168,912 | \$1,168,912 |
| Richmond | I/I Sewer Rehab | \$1,265,050 | \$1,265,050 |
| Rumford | TMDL study to be done | \$0 | \$0 |
| Sabattus | TMDL study to be done | \$0 | \$0 |
| Saco | WWTF Upgrade - Process Bldg & Garage | \$4,391,983 | \$4,391,983 |
| Saco | CSO Sewer Work | \$574,996 | \$574,996 |
| Sanford S.D. | CSO Sewer Work | \$512,517 | \$512,517 |
| Sanford S.D. | P.S. upgrade - Goodall | \$993,839 | \$993,839 |
| Sanford S.D. | P.S. upgrade - Airport | \$349,918 | \$349,918 |
| Sinclair SD | Sewer extension | \$966,717 | \$966,717 |
| South Berwick | Pump station upgrade, sewer improvement, T.P. odor control | \$1,919,551 | \$1,919,551 |
| South Portland | CSO Sewer Work | \$8,333,256 | \$12,423,197 |
| Stockton Springs | sewer extension | \$9,735,991 | \$9,735,991 |
| Topsham | sewer rehab | \$1,585,105 | \$1,585,105 |
| Vassalboro | TMDL study to be done | \$0 | \$0 |
| Washburn | WWTF upgrade & sewer ext | \$657,413 | \$657,413 |
| Westbrook | CSO Sewer Work | \$7,308,290 | \$14,683,565 |
| Windham, North | New sewer sys & plant | \$0 | \$33,264,844 |
| Winslow | CSO Sewer Work | \$686,743 | \$686,743 |
| Winterport S.D. | WWTF upgrade to sec | \$7,923,566 | \$7,923,566 |
| Winthrop S. D. | sewer replacement 300' /year | \$253,642 | \$253,642 |
| Yarmouth | TMDL study to be done | \$0 | \$0 |
| Yarmouth | T.P. dewatering upgrade | \$825,807 | \$825,807 |
| York S.D. | 3 Pump Station upgrades, sewer rehab, sewer ext. to pick up failed septic systems | \$17,900,000 | \$17,900,000 |
| | | | |
| TOTAL | | \$347,708,068 | \$532,857,297 |

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

APPENDIX H

MAINE CSO COMMUNITY FLOW DATA

| No longer a CSO Community | | Annual Volumes (Gallons) | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|-----------------------|--------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--|
| 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 | |
| Auburn S.D. | ME0100005 | 99,720,000 | 99,720,000 | 99,720,000 | 99,720,000 | 99,720,000 | 99,720,000 | 99,720,000 | 99,720,000 | 99,720,000 | 99,720,000 | 99,720,000 | 99,720,000 | 99,720,000 | 99,720,000 | 99,720,000 | 99,720,000 | 99,720,000 | 99,720,000 | 99,720,000 | 99,720,000 | 99,720,000 | 99,720,000 | |
| Bangor | ME0100781 | 635,000,000 | 635,000,000 | 635,000,000 | 635,000,000 | 635,000,000 | 635,000,000 | 635,000,000 | 635,000,000 | 635,000,000 | 635,000,000 | 635,000,000 | 635,000,000 | 635,000,000 | 635,000,000 | 635,000,000 | 635,000,000 | 635,000,000 | 635,000,000 | 635,000,000 | 635,000,000 | 635,000,000 | 635,000,000 | |
| Bar Harbor | ME0101214 & ME0102466 | 32,000,000 | 32,000,000 | 32,000,000 | 32,000,000 | 32,000,000 | 32,000,000 | 32,000,000 | 32,000,000 | 32,000,000 | 32,000,000 | 32,000,000 | 32,000,000 | 32,000,000 | 32,000,000 | 32,000,000 | 32,000,000 | 32,000,000 | 32,000,000 | 32,000,000 | 32,000,000 | 32,000,000 | 32,000,000 | |
| Bath | ME0100021 | 600,000,000 | 600,000,000 | 600,000,000 | 600,000,000 | 600,000,000 | 600,000,000 | 600,000,000 | 600,000,000 | 600,000,000 | 600,000,000 | 600,000,000 | 600,000,000 | 600,000,000 | 600,000,000 | 600,000,000 | 600,000,000 | 600,000,000 | 600,000,000 | 600,000,000 | 600,000,000 | 600,000,000 | 600,000,000 | |
| Belfast | ME0101532 | 736,000 | 736,000 | 736,000 | 736,000 | 736,000 | 736,000 | 736,000 | 736,000 | 736,000 | 736,000 | 736,000 | 736,000 | 736,000 | 736,000 | 736,000 | 736,000 | 736,000 | 736,000 | 736,000 | 736,000 | 736,000 | 736,000 | |
| Biddeford | ME0100048 | 400,000,000 | 400,000,000 | 400,000,000 | 400,000,000 | 400,000,000 | 400,000,000 | 400,000,000 | 400,000,000 | 400,000,000 | 400,000,000 | 400,000,000 | 400,000,000 | 400,000,000 | 400,000,000 | 400,000,000 | 400,000,000 | 400,000,000 | 400,000,000 | 400,000,000 | 400,000,000 | 400,000,000 | 400,000,000 | |
| Brewer | ME0100072 | 750,000,000 | 750,000,000 | 750,000,000 | 750,000,000 | 750,000,000 | 750,000,000 | 750,000,000 | 750,000,000 | 750,000,000 | 750,000,000 | 750,000,000 | 750,000,000 | 750,000,000 | 750,000,000 | 750,000,000 | 750,000,000 | 750,000,000 | 750,000,000 | 750,000,000 | 750,000,000 | 750,000,000 | 750,000,000 | |
| Bucksport | ME0100111 | 53,000,000 | 53,000,000 | 53,000,000 | 53,000,000 | 53,000,000 | 53,000,000 | 53,000,000 | 53,000,000 | 53,000,000 | 53,000,000 | 53,000,000 | 53,000,000 | 53,000,000 | 53,000,000 | 53,000,000 | 53,000,000 | 53,000,000 | 53,000,000 | 53,000,000 | 53,000,000 | 53,000,000 | 53,000,000 | |
| Calais | ME0100129 | 42,000,000 | 42,000,000 | 42,000,000 | 42,000,000 | 42,000,000 | 42,000,000 | 42,000,000 | 42,000,000 | 42,000,000 | 42,000,000 | 42,000,000 | 42,000,000 | 42,000,000 | 42,000,000 | 42,000,000 | 42,000,000 | 42,000,000 | 42,000,000 | 42,000,000 | 42,000,000 | 42,000,000 | 42,000,000 | |
| Cape Elizabeth (PWD) | | 5,400,000 | 5,400,000 | 5,400,000 | 5,400,000 | 5,400,000 | 5,400,000 | 5,400,000 | 5,400,000 | 5,400,000 | 5,400,000 | 5,400,000 | 5,400,000 | 5,400,000 | 5,400,000 | 5,400,000 | 5,400,000 | 5,400,000 | 5,400,000 | 5,400,000 | 5,400,000 | 5,400,000 | 5,400,000 | |
| Corinna S.D. | ME0100153 | 40,000,000 | 40,000,000 | 40,000,000 | 40,000,000 | 40,000,000 | 40,000,000 | 40,000,000 | 40,000,000 | 40,000,000 | 40,000,000 | 40,000,000 | 40,000,000 | 40,000,000 | 40,000,000 | 40,000,000 | 40,000,000 | 40,000,000 | 40,000,000 | 40,000,000 | 40,000,000 | 40,000,000 | 40,000,000 | |
| Dover-Foxcroft | ME0100501 | 16,000 | 16,000 | 16,000 | 16,000 | 16,000 | 16,000 | 16,000 | 16,000 | 16,000 | 16,000 | 16,000 | 16,000 | 16,000 | 16,000 | 16,000 | 16,000 | 16,000 | 16,000 | 16,000 | 16,000 | 16,000 | 16,000 | |
| East Millinocket | ME0100196 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | 1,200,000 | |
| Fairfield | ME0102393 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 | |
| Fort Kent U.D. | ME0102369 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | |
| Gardiner | ME0101702 | 44,000,000 | 44,000,000 | 44,000,000 | 44,000,000 | 44,000,000 | 44,000,000 | 44,000,000 | 44,000,000 | 44,000,000 | 44,000,000 | 44,000,000 | 44,000,000 | 44,000,000 | 44,000,000 | 44,000,000 | 44,000,000 | 44,000,000 | 44,000,000 | 44,000,000 | 44,000,000 | 44,000,000 | 44,000,000 | |
| Greater Augusta U.D. | ME0100013 | 72,554,000 | 72,554,000 | 72,554,000 | 72,554,000 | 72,554,000 | 72,554,000 | 72,554,000 | 72,554,000 | 72,554,000 | 72,554,000 | 72,554,000 | 72,554,000 | 72,554,000 | 72,554,000 | 72,554,000 | 72,554,000 | 72,554,000 | 72,554,000 | 72,554,000 | 72,554,000 | 72,554,000 | 72,554,000 | |
| Hallowell W.D. - 2008 GAUD | ME0101010 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | |
| Hampden | ME0102512 | 1,201,000 | 39,600 | 389,000 | 797,500 | 282,875 | 265,834 | 1,703,766 | 493,399 | 528,980 | 1,716,002 | 106,355 | 113,282 | 1,474,767 | 1,218,000 | 0 | 262,900 | 0 | 43,862,280 | 0 | 85,000 | 0 | 85,000 | |
| Kennebec S.T.D. | ME0100854 | 2,500,000 | 2,500,000 | 2,500,000 | 2,500,000 | 2,500,000 | 2,500,000 | 2,500,000 | 2,500,000 | 2,500,000 | 2,500,000 | 2,500,000 | 2,500,000 | 2,500,000 | 2,500,000 | 2,500,000 | 2,500,000 | 2,500,000 | 2,500,000 | 2,500,000 | 2,500,000 | 2,500,000 | 2,500,000 | |
| Kittery | ME0100285 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | |
| Lewiston | ME0100994 | 208,900,000 | 208,900,000 | 208,900,000 | 208,900,000 | 208,900,000 | 208,900,000 | 208,900,000 | 208,900,000 | 208,900,000 | 208,900,000 | 208,900,000 | 208,900,000 | 208,900,000 | 208,900,000 | 208,900,000 | 208,900,000 | 208,900,000 | 208,900,000 | 208,900,000 | 208,900,000 | 208,900,000 | 208,900,000 | |
| Lewiston-Auburn W.P.C.A. | ME0101478 | 480,000,000 | 480,000,000 | 480,000,000 | 480,000,000 | 480,000,000 | 480,000,000 | 480,000,000 | 480,000,000 | 480,000,000 | 480,000,000 | 480,000,000 | 480,000,000 | 480,000,000 | 480,000,000 | 480,000,000 | 480,000,000 | 480,000,000 | 480,000,000 | 480,000,000 | 480,000,000 | 480,000,000 | 480,000,000 | |
| Lincoln S.D. | ME0101796 | 2,400,000 | 2,400,000 | 2,400,000 | 2,400,000 | 2,400,000 | 2,400,000 | 2,400,000 | 2,400,000 | 2,400,000 | 2,400,000 | 2,400,000 | 2,400,000 | 2,400,000 | 2,400,000 | 2,400,000 | 2,400,000 | 2,400,000 | 2,400,000 | 2,400,000 | 2,400,000 | 2,400,000 | 2,400,000 | |
| Lisbon | ME0100307 | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | |
| Livermore Falls | ME0100315 | | | | | | | | | | | | | | | | | | | | | | | |
| Machias | ME0100323 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | 7,000,000 | |
| Madawaska | ME 0101681 | 3,200,000 | 3,200,000 | 3,200,000 | 3,200,000 | 3,200,000 | 3,200,000 | 3,200,000 | 3,200,000 | 3,200,000 | 3,200,000 | 3,200,000 | 3,200,000 | 3,200,000 | 3,200,000 | 3,200,000 | 3,200,000 | 3,200,000 | 3,200,000 | 3,200,000 | 3,200,000 | 3,200,000 | 3,200,000 | |
| Mechanic Falls S.D. | ME0100391 | 18,000,000 | 18,000,000 | 18,000,000 | 18,000,000 | 18,000,000 | 18,000,000 | 18,000,000 | 18,000,000 | 18,000,000 | 18,000,000 | 18,000,000 | 18,000,000 | 18,000,000 | 18,000,000 | 18,000,000 | 18,000,000 | 18,000,000 | 18,000,000 | 18,000,000 | 18,000,000 | 18,000,000 | 18,000,000 | |
| Milford | ME0102695 | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | 220,000 | |
| Milo W.D. | ME0100439 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | |
| Old Town | ME0100471 | 6,300,000 | 6,300,000 | 6,300,000 | 6,300,000 | 6,300,000 | 6,300,000 | 6,300,000 | 6,300,000 | 6,300,000 | 6,300,000 | 6,300,000 | 6,300,000 | 6,300,000 | 6,300,000 | 6,300,000 | 6,300,000 | 6,300,000 | 6,300,000 | 6,300,000 | 6,300,000 | 6,300,000 | 6,300,000 | |
| Orono | ME0100498 | 31,000,000 | 31,000,000 | 25,500,000 | 20,800,000 | 19,100,000 | 8,600,000 | 31,600,000 | 8,900,000 | 11,100,000 | 22,200,000 | 19,600 | 6,956,500 | 5,234,000 | 2,603,000 | 0 | 494,000 | 1,179,000 | 0 | 18,467,330 | 1,314,000 | 7,360,000 | 4,820,000 | |
| Paris U.D. | ME 0100951 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | | | | | | | | | | | | | | | | | | | |

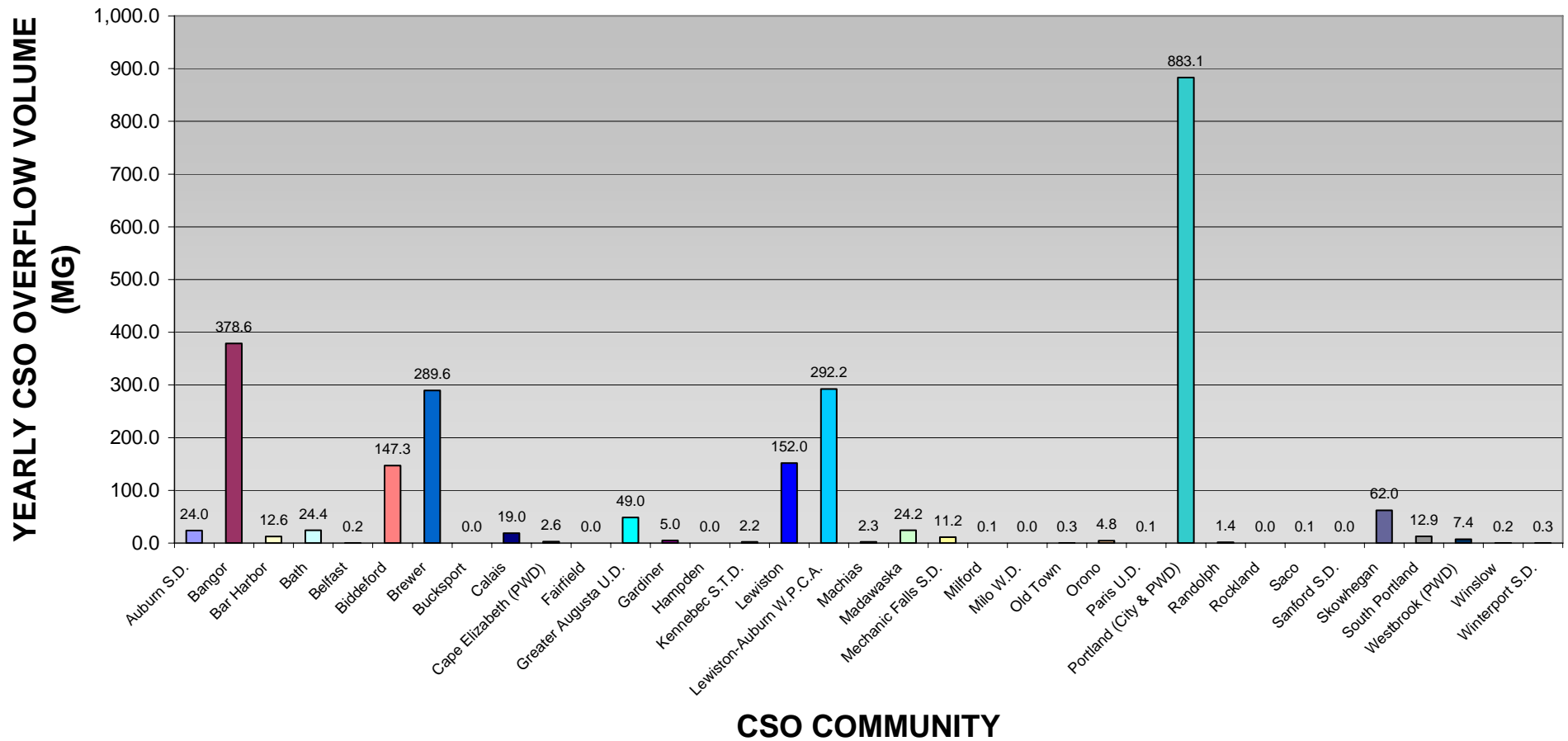
APPENDIX I

MAINE CSO COMMUNITY ANNUAL NUMBER OF CSO DISCHARGE EVENTS

| | | Annual Number of CSO Discharge Events | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------------------|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| No longer a CSO Community | | | | | | | | | | | | | | | | | | | | | | | | |
| Community | NPDES Permit No. | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | Year | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | |
| Auburn S.D. | ME0100005 | 80 | 80 | 80 | 80 | 80 | 80 | 21 | 21 | 10 | 10 | 7 | 7 | 7 | 7 | 44 | 67 | 62 | 24 | 58 | 37 | 42 | | |
| Augusta S.D. | ME0100781 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 39 | 79 | 59 | 73 | 25 | 58 | 70 | 58 | 73 | 50 | 29 | | |
| Bangor | ME0101214 & ME0102466 | 53 | 53 | 53 | 53 | 52 | 37 | 46 | 49 | 49 | 41 | 38 | 44 | 33 | 37 | 20 | 40 | 49 | 42 | 46 | 58 | 25 | | |
| Bar Harbor | ME0100021 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 155 | 154 | 47 | 98 | 44 | 7 | 21 | 16 | 5 | 22 | 18 | 10 | | |
| Bath | ME0101532 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 30 | 37 | 21 | 10 | 25 | 23 | 20 | 33 | 32 | 25 | | |
| Belfast | ME0100048 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 0 | 1 | 0 | 0 | 0 | 5 | 3 | 5 | | |
| Biddeford | ME0100072 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 94 | 147 | 162 | 184 | 140 | 150 | 93 | 61 | 104 | 82 | 70 | | |
| Brewer | ME0100111 | 95 | 95 | 95 | 95 | 95 | 95 | 66 | 66 | 66 | 66 | 22 | 92 | 95 | 80 | 53 | 72 | 66 | 72 | 78 | 45 | 38 | | |
| Bucksport | ME0100129 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 10 | 17 | 10 | 32 | 24 | 25 | 8 | 24 | 18 | 2 | | |
| Calais | 0 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 9 | 15 | 5 | 8 | | |
| Cape Elizabeth (PWD) | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 2 | 3 | 5 | 5 | 3 | 0 | 2 | 5 | 20 | 20 | 5 | | |
| Corinna S.D. | ME0100501 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 15 | 16 | 26 | 23 | 19 | 1 | 1 | 0 | | | | | |
| Dover-Foxcroft | ME0100196 | 8 | 8 | 8 | 8 | 8 | 2 | 8 | 6 | 1 | 4 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | | | |
| East Millinocket | ME0102393 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Fairfield | ME0102369 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 4 | 4 | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | | |
| Fort Kent U.D. | ME0101702 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | | | | | 0 | 2 | 0 | 2 | 1 | 4 | | | |
| Gardiner | ME0100013 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 5 | 19 | 11 | 13 | 9 | 13 | 24 | 11 | 41 | 14 | 2 | | |
| Hallowell W.D. | ME0101010 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 3 | 4 | 6 | 3 | 0 | 0 | 2 | 0 | 14 | 3 | 3 | | |
| Hampden | ME0102512 | 1 | 3 | 8 | 10 | 7 | 4 | 17 | 18 | 8 | 14 | 8 | 1 | 11 | 9 | 0 | 0 | 2 | 0 | 13 | 0 | 1 | | |
| Kennebec S.T.D. | ME0100854 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 8 | 6 | 6 | 6 | 4 | 0 | 5 | 7 | 9 | 3 | | |
| Kittery | ME0100285 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 3 | 2 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | | | | |
| Lewiston | ME0100994 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 46 | 71 | 62 | 70 | 43 | 57 | 55 | 65 | 69 | 70 | 38 | | |
| Lewiston-Auburn W.P.C.A. | ME0101478 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 41 | 28 | 25 | 23 | 35 | 49 | 44 | | |
| Lincoln S.D. | ME0101796 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 5 | 1 | 3 | 11 | 2 | | | | | | | | | |
| Lisbon | ME0100307 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 1 | 1 | 0 | 0 | 0 | | | | | |
| Livemore Falls | ME0100315 | | | | | | | | | | | 0 | 0 | | | | | | | | | | | |
| Machias | ME0100323 | 8 | 8 | 8 | 8 | 5 | 7 | 3 | 9 | 3 | 3 | 3 | 2 | 9 | 5 | 0 | 4 | 16 | 8 | 15 | 10 | 5 | | |
| Madawaska | ME 0101681 | 16 | 16 | 16 | 16 | 16 | 16 | 91 | 91 | 27 | 26 | 16 | 12 | 0 | 3 | 1 | 1 | 7 | 4 | 65 | 14 | 17 | | |
| Mechanic Falls S.D. | ME0100391 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 24 | 25 | 18 | 25 | 10 | 15 | 20 | 12 | 29 | 23 | 9 | | |
| Milford | ME0102695 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 0 | 8 | 0 | | |
| Milo W.D. | ME0100439 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 0 | 0 | 1 | 0 | 0 | 2 | | |
| Oakland | | | | | | | | | | | | | | | | | | | | | | | | |
| Old Town | ME0100498 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 3 | 5 | 4 | 0 | 5 | 7 | 1 | 13 | 1 | 4 | | |
| Orono | ME 0100951 | 30 | 30 | 28 | 29 | 19 | 12 | 25 | 27 | 18 | 37 | 3 | 7 | 12 | 4 | 0 | 1 | 2 | 0 | 12 | 3 | 6 | | |
| Paris U.D. | City-ME0101435 / PWD-ME0102075 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 2 | 2 | 2 | | |
| Portland & PWD | ME0100561 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 61 | 102 | 81 | 83 | 58 | 141 | 71 | 86 | 88 | 93 | 58 | | |
| Presque Isle | ME0102423 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 17 | 26 | 12 | 14 | 4 | | | | | | | | |
| Randolph | ME0100595 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 19 | 3 | 2 | 0 | 8 | 3 | 1 | | |
| Rockland | ME 0101117 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 12 | 23 | 18 | 8 | 5 | 11 | 6 | 2 | 0 | 0 | 0 | | |
| Saco | ME0100617 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 44 | 36 | 33 | 39 | 44 | 22 | 36 | 22 | 32 | 41 | 24 | 12 | | |
| Sanford S.D. | ME0100625 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | | |
| Skowhegan | ME0100633 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 108 | 111 | 111 | 161 | 95 | 115 | 77 | 53 | 81 | 81 | 55 | | |
| S. Maine Tech. College | | | | | | | | | | | | | | | | | | | 1 | | | | | |
| South Portland | ME0102628 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 21 | 23 | 23 | 15 | 12 | 11 | 10 | 10 | 20 | 20 | 5 | | |
| Unity | ME0100749 | | | | | | | | | | | | | | | | | | | | | | | |
| Westbrook (PWD) | ME0100765 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 30 | 19 | 16 | 15 | 33 | 7 | 13 | 17 | 31 | | |
| Winslow | 0 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | | |
| Winterport S.D. | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 8 | 1 | 2 | 0 | 1 | | |
| Yarmouth | 0 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 0 | 4 | 4 | 4 | 2 | 1 | 0 | | | | | | |
| Total | | 1661 | 1663 | 1666 | 1669 | 1652 | 1623 | 1647 | 1657 | 1552 | 1570 | 1108 | 1165 | 1145 | 1048 | 712 | 959 | 800 | 655 | 1074 | 816 | 568 | | |
| Median | | 20 | 20 | 20 | 20 | 20 | 20 | 21 | 21 | 20 | 20 | 12 | 10 | 11 | 8 | 4.5 | 4 | 7 | 5 | 15 | 12 | 5 | | |
| Mean | | 37 | 37 | 37 | 37 | 37 | 36 | 37 | 37 | 34 | 35 | 25 | 26 | 25 | 24 | 16 | 22 | 19 | 15 | 27 | 21 | 16 | | |
| Numbers in blue are estimated from LTCP/MP or other source. | | | | | | | | | | | | | | | | | | | | | | | | |

APPENDIX J

2008 CSO FLOW COMPARISON BY COMMUNITY



APPENDIX K

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.

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

2005

Dave Buffum - Berwick Sewer District
Frank Kearney and Bob Lento - Mars Hill Utility District
Richard "Chou" Castonguay - Van Buren Wastewater Treatment Facility

2004

Dale Clark - Anson Madison Sanitary District
Dave Dietrich - Blue Hill Wastewater Treatment Facility
Gerry Raymond and staff - Eagle Lake Water and Sewer District