

MAINE STATE LEGISLATURE

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STATUS OF LICENSED DISCHARGES AND COMBINED SEWER OVERFLOW ABATEMENT PROGRAM

**REPORT TO THE 123RD MAINE LEGISLATURE'S
JOINT STANDING COMMITTEE ON NATURAL RESOURCES**

PREPARED BY THE:

**MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF LAND AND WATER QUALITY**

APRIL, 2008



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 dischargers are referred to as point source dischargers.

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

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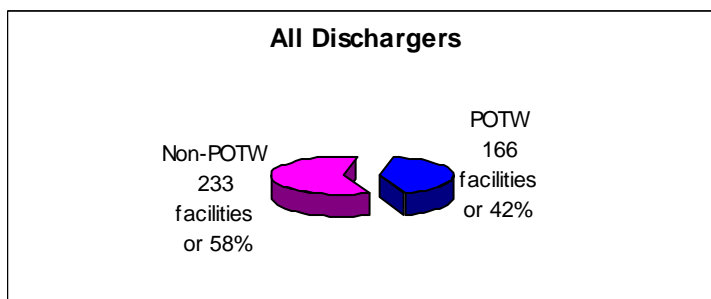
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SUMMARY OF POINT SOURCE DISCHARGES BY TYPE

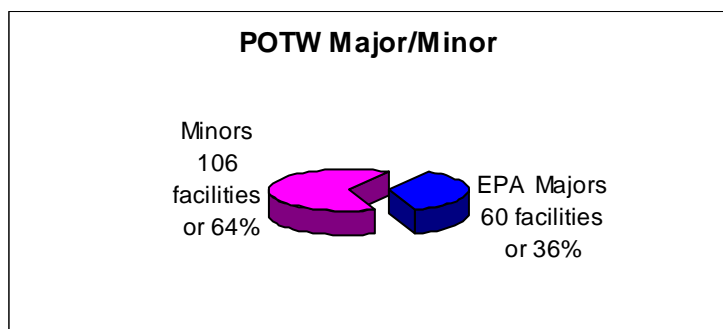
As of December 31, 2007, there were 399 licensed point source discharges in the state of Maine. Of these 399, 12 are aquaculture facilities covered under a single general permit.

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

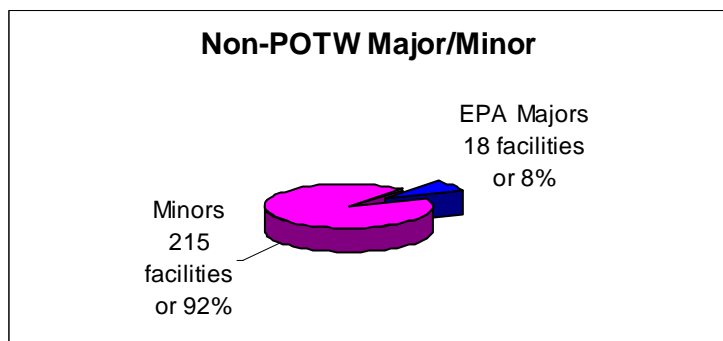
In addition, Appendices A, B and C list all of the discharges by category and location and provide other select information about the dischargers.



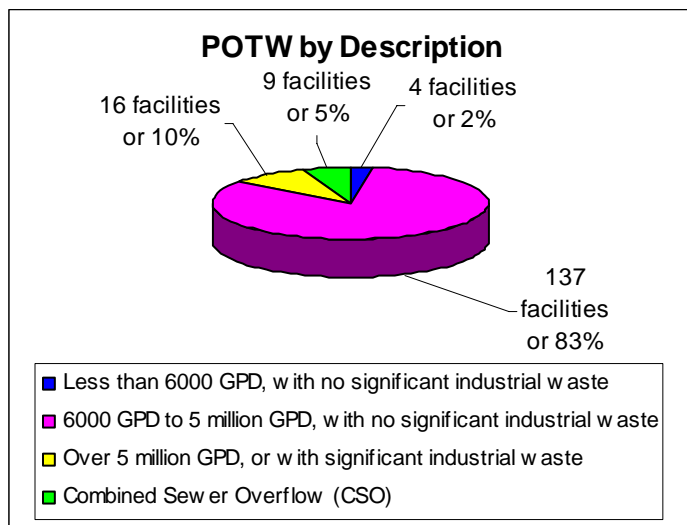
Dischargers are categorized as Publicly Owned Treatment Works (POTWs) or Non POTWs. POTWs are municipal or quasimunicipal wastewater treatment facilities that treat residential, commercial and industrial wastewater. Non POTWs comprise a variety of municipal, commercial, or industrial dischargers as indicated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



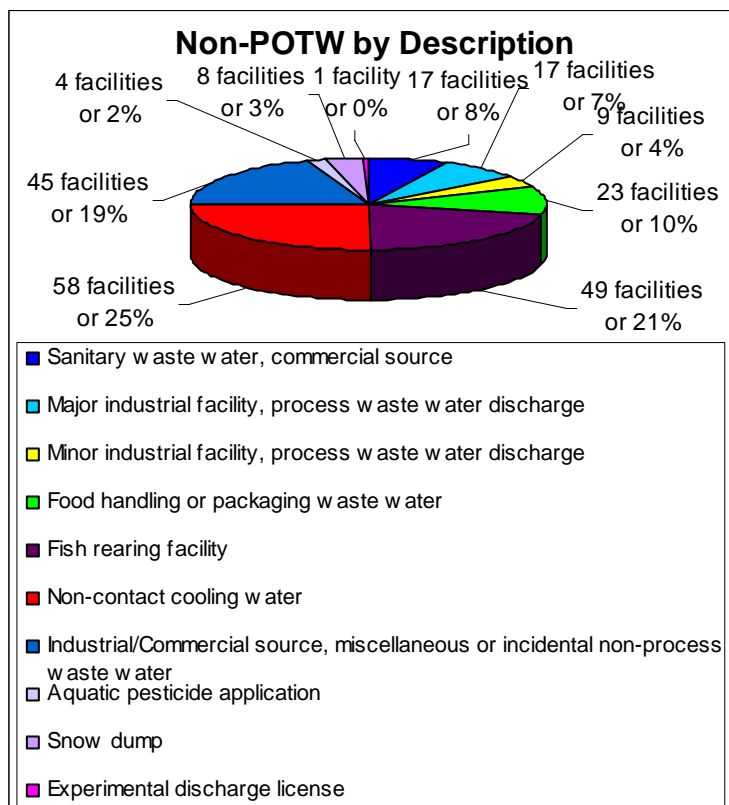
Dischargers are further categorized as Major or Minor. Major POTW dischargers are those facilities with design flows greater than one million gallons per day and facilities with approved industrial pretreatment programs. Major Non POTW dischargers are determined by rating criteria developed by the Environmental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



SUMMARY OF POINT SOURCE DISCHARGES BY TYPE

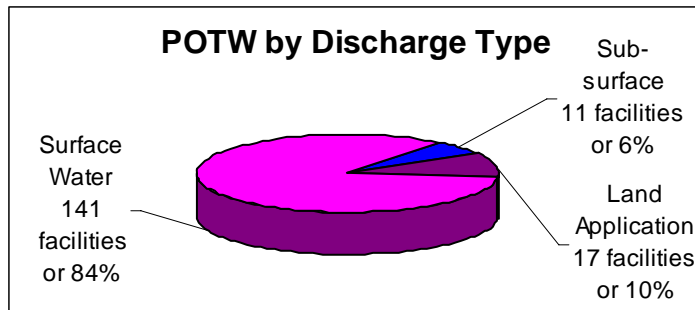


The size of POTWs varies greatly. The smallest POTW has a licensed flow of 2,000 gallons per day. The largest POTW has a licensed flow of 19.8 million gallons per day.

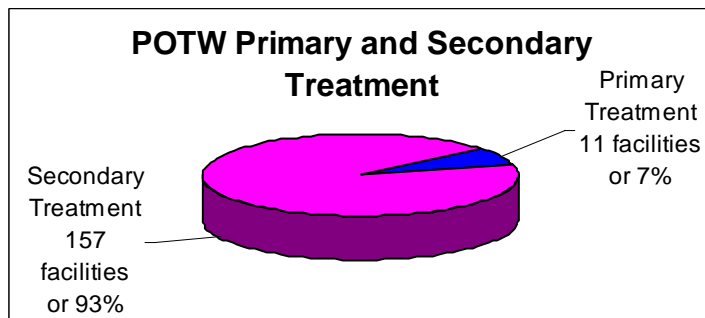
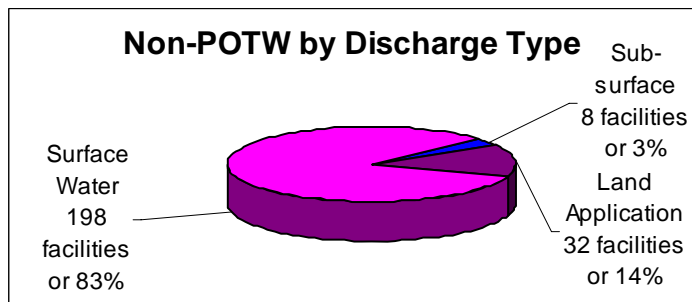


The type of Non-POTW dischargers varies greatly, from the largest paper mill that has a licensed flow of 51 million gallons per day to snow dumps.

SUMMARY OF POINT SOURCE DISCHARGES BY TYPE



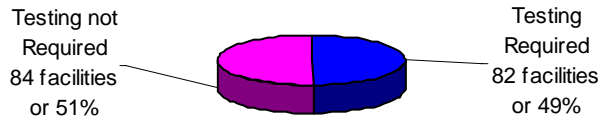
The majority of discharges are to surface waters. However, some facilities discharge via spray irrigation to land, or to subsurface systems. 8 facilities discharge in more than one way.



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 nine communities that have Combined Sewer Overflows and a sewer system that discharges to a POTW controlled by another entity.)

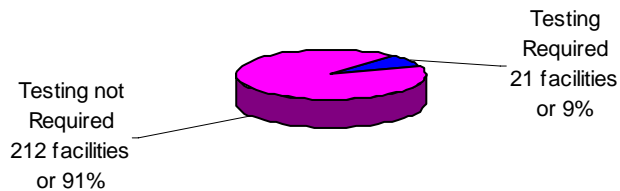
SUMMARY OF POINT SOURCE DISCHARGES BY TYPE

POTW Toxics Testing



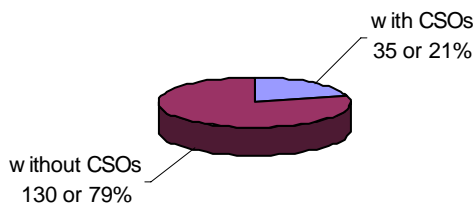
Federal and state law prohibits the discharge of toxic substances in toxic amounts. Department Regulations Chapters 530 and 584 specify water quality criteria for toxic substances and the requirements to control the level of toxic substances in surface waters.

Non-POTW Toxics Testing



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.

Communities with CSOs



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 183 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 3 billion gallons are discharged annually from CSOs (down from an original 5.2 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 5.2 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 \$304 million (\$23 million in 2007) in CSO abatement and expect to spend over \$130 million in the next five years. After that, the expected needs to bring them into compliance with the CSO Control Policy is an additional \$60 to \$80 million.

STATUS OF COMBINED SEWER OVERFLOWS FROM POINT SOURCE DISCHARGES

WHERE ARE WE NOW? – 2007 STATUS

- Maine started 2007 with 37 CSO Communities and finished the year with 35. Two of these communities, Dover-Foxcroft and East Millinocket, completed their CSO abatement programs and were not re-licensed as CSO Communities in 2007. A complete listing of Maine's CSO Communities, their number of CSO outfalls and the outfall receiving waters is on page 11.
- The volume of combined sewage discharged statewide in 2007 was reported at 1.53 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 2007 CSO Flow Comparison pie chart on page 14 and the 2007 CSO Flow Comparison by Community bar chart in Appendix J are graphical comparisons of the overflow volumes between the CSO Communities.
- In 2007, the CSO Communities reported 568 overflow events, the fewest yet reported. 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.
- 31 of the CSO Communities reported experiencing at least one combined sewer overflow discharge in 2007, while four reported no overflows.
- In 2007, 19 of the communities reported discharging less in 2007 than in 2006, 13 reported discharging more, while three reported no change. The maximum number of days that overflow events were reported from a single community was 70. The average (mean) number of discharge events for all of the communities was 16 and the median was five. 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 12, 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 12, 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 2007 Maine CSO Communities reduced the number of CSO discharge locations by ten, down from 193 to 183. Reductions were in: Auburn (one), Brewer (one), Gardiner (one), Lewiston (one), Rockland (one), and the removal of Dover-Foxcroft (four) and East Millinocket (one) from the CSO Program. The chart on the bottom of page 12, Maine – Statewide Number of Combined Sewer Overflow Outfalls, shows a 46% 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 13, 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 120 million gallons per inch of precipitation to 30 - 50 million gallons per inch of precipitation, with 32 million gallons discharged in 2007. 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 Maine's CSO Communities is approximately 45 inches. In 2007, the annual precipitation for the CSO Communities was near or slightly above the average at 47 inches. The Yearly CSO Volumes and Precipitation chart on the bottom of page 13 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.
- 2007 was a closer to average precipitation year (47 inches), especially when compared to the exceptionally wet year the CSO Communities experienced in 2006 at approximately 57 inches. As a result of CSO abatement efforts and a dryer year, statewide CSOs decreased by 52%, from 3.21 billion gallons in 2006 to 1.53 billion gallons in 2007.
- The CSOs from the City of Portland and Portland Water District in Portland comprised approximately 40% of the state's total overflow volume in 2007 (see the CSO Flow Comparison pie chart on page 14). 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 decreased by 32% from 2006 to 2007 from 1.39 to 0.94 billion gallons respectively.

STATUS OF COMBINED SEWER OVERFLOWS FROM POINT SOURCE DISCHARGES

- Abatement of CSOs is a costly endeavor. To date, Maine CSO communities have reported expending \$304 million implementing their CSO abatement projects. In the 2007 annual CSO progress report they reported expending \$23 million on abatement work in 2007. It is estimated that the future needs of these communities to complete their CSO abatement plans is in excess of \$180 million (in 2007 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. However, 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, urban stormwater runoff, malfunctioning septic systems, domestic and non-domestic animal waste, agricultural runoff, and bathers, to name just a few. What is assessed in the DEP's annual reports is which beach and shellfishing areas may be impacted by the CSOs, were any of these areas closed, and is it likely that the closures were caused in whole or in part by CSOs?

In 2007, six CSO communities listed ten 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); Skowhegan (Two Rivers Campground); and South Portland (Willard Beach). Of these, three beaches were listed as having an advisory or closure in 2007 (Biddeford Pool, East End & Willard Beach), one of which (East End Beach) was listed as being caused in whole or in part by CSO activity.

In 2007, six CSO communities listed shellfishing areas that were closed in their area (Bar Harbor, Biddeford, Calais, Machias, Portland & South Portland). Three of these communities (Bar Harbor, Machias and Portland) reported that the closures were caused in whole or in part by CSO activity.

MAINE – COMBINED SEWER OVERFLOW (CSO) COMMUNITY LIST

(As of December 31, 2007)



COMMUNITY	CSOs	NUMBER OF CSOs & RECEIVING WATER
1. AUBURN SD	4	3-ANDROSCOGGIN RV., 1-LITTLE ANDROSCOGGIN RV.
2. AUGUSTA SD	23	4-BOND Bk., 1-KENNEDY Bk., 17-KENNEBEC RV., 1-WHITNEY Bk.
3. BANGOR	11	7-KENDUSKEAG STR., 4-PENOBSCOT RV.
4. BAR HARBOR (MAIN PLANT)	3	3-FRENCHMAN'S BAY
5. BAR HARBOR (HULLS COVE)	1	1-FRENCHMAN'S BAY
6. BATH	4	4-KENNEBEC RV.
7. BELFAST	2	2-PASSAGASSAWAKEAG RIVER/BELFAST HARBOR
8. BIDDEFORD	11	10-SACO RV., 1-THATCHER Bk.
9. BREWER	6	5-PENOBSCOT RIVER, 1-SEdgeUNKENDUNK STR.
10. BUCKSPORT	2	2-PENOBSCOT RV.
11. CALAIS	5	4-ST. CROIX RV., 1-LANDING BROOK
12. CAPE ELIZABETH – OTTAWA ROAD PS.....	1	1-ATLANTIC OCEAN
13. FAIRFIELD	2	2-KENNEBEC RV.
14. GARDINER	1	1-KENNEBEC RV.
15. HALLOWELL WD	1	1-KENNEBEC RV.
16. HAMDEN	1	1-SOUADABSCOOK STR.
17. KENNEBEC STD	3	3-KENNEBEC RV.
18. LEWISTON	23	10-ANDROSCOGGIN RV., 1-GULLY Bk., 2-HART Bk., 10-JEPSON Bk.
19. LEWISTON-AUBURN WPCA	1	1-ANDROSCOGGIN RV.
20. MACHIAS	2	2-MACHIAS RV.
21. MADAWASKA	2	2-ST. JOHN RV.
22. MECHANIC FALLS SD	1	1-LITTLE ANDROSCOGGIN RV.
23. MILFORD	1	1-PENOBSCOT RV.
24. MILO WD	3	1-PLEASANT RV., 2-SEBEC RV.
25. OLD TOWN	3	2-PENOBSCOT RV., 1-STILLWATER RV.
26. ORONO.....	1	1-PENOBSCOT RV.
27. PARIS UD	1	1-LITTLE ANDROSCOGGIN RV.
28. PORTLAND – CITY	12	6-BACK COVE, 3-CAPISIC Bk., 2-PORTLAND HARBOR., 1-MARSH
29. PORTLAND – PWD	21	9-BACK COVE, 3-CASCO BAY, 7-FORE RV., 2- PORTLAND HARBOR
30. RANDOLPH	1	1-KENNEBEC RV.
31. ROCKLAND	2	2-ROCKLAND HARBOR
32. SACO	5	1-BEAR Bk., 4-SACO RV.
33. SANFORD SD	2	2-MOUSAM RV.
34. SKOWHEGAN	9	9-KENNEBEC RV.
35. SOUTH PORTLAND.....	5	1-BARBERRY Ck., 1-FORE RV., 1-LONG Ck., 2-PORTLAND HBR.,
36. WESTBROOK	5	5-PRESUMPCOT RV.
37. WINSLOW	1	1-SEBASTICOOK RV.
38. WINTERPORT SD	1	1-PENOBSCOT RV.

TOTAL CSOs 183

37 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

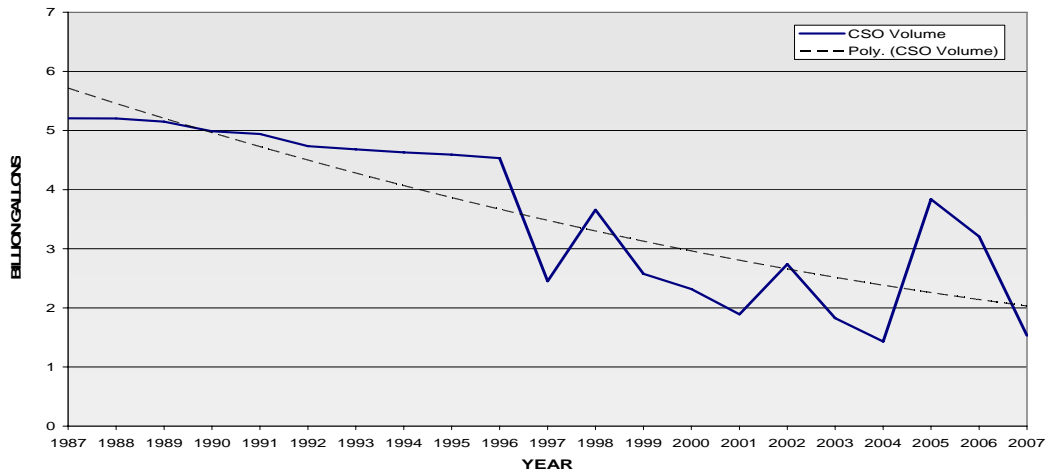
WPCA = WATER POLLUTION CONTROL AUTHORITY

WD = WATER DISTRICT

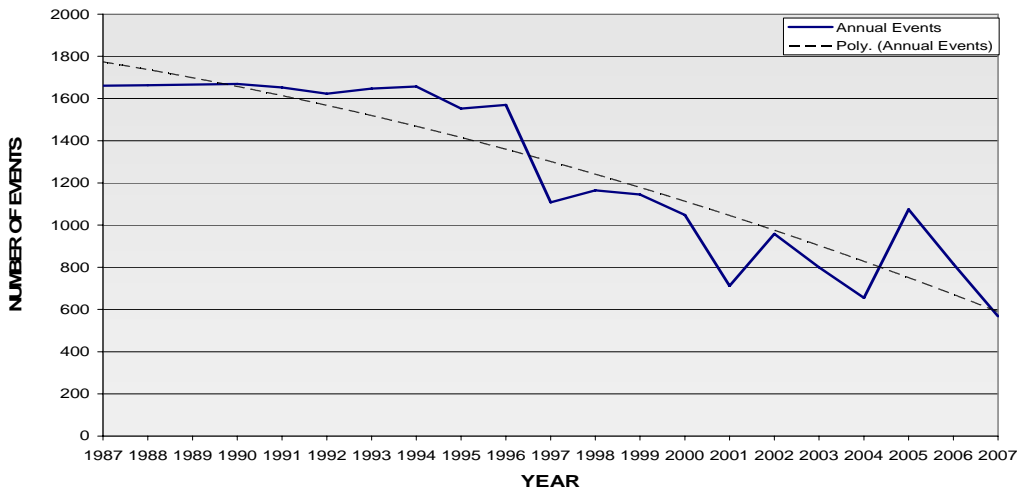
PWD = PORTLAND WATER DISTRICT

STD = SANITARY TREATMENT DISTRICT

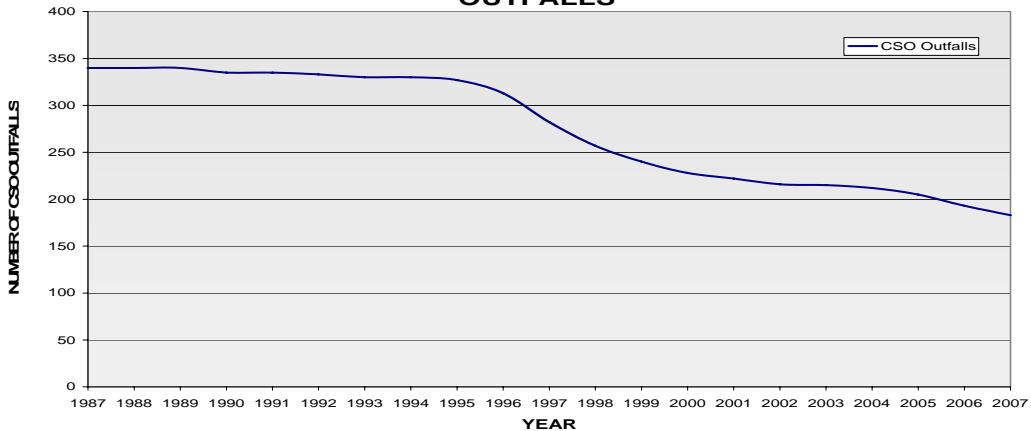
**MAINE - STATEWIDE
COMBINED SEWER OVERFLOW (CSO)
VOLUME DISCHARGED**



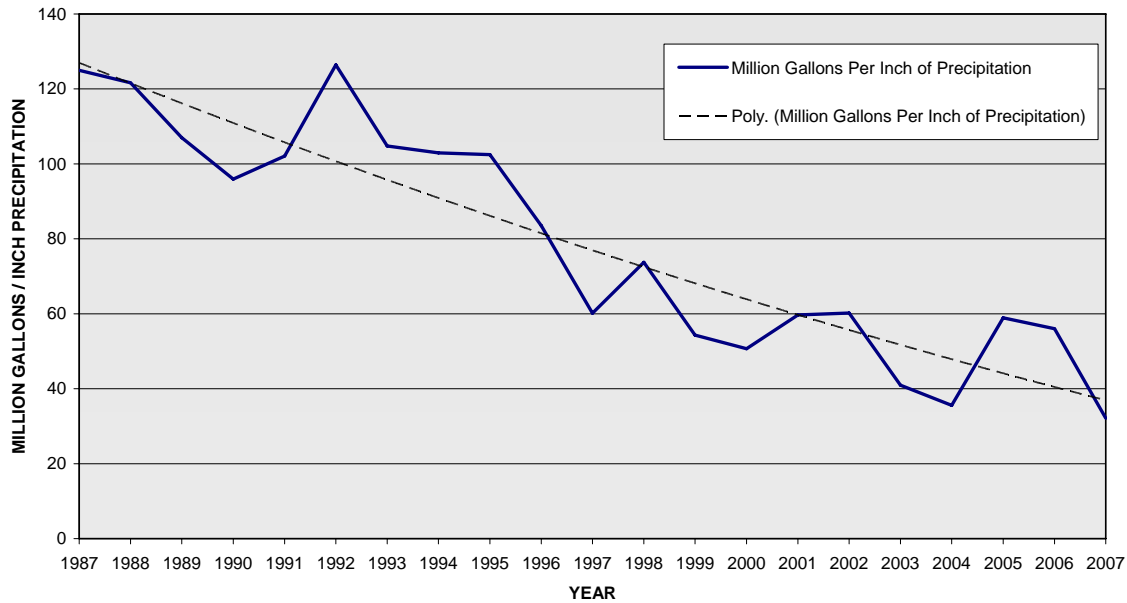
**MAINE - STATEWIDE
COMBINED SEWER OVERFLOW (CSO)
ANNUAL NUMBER OF DISCHARGE EVENTS**



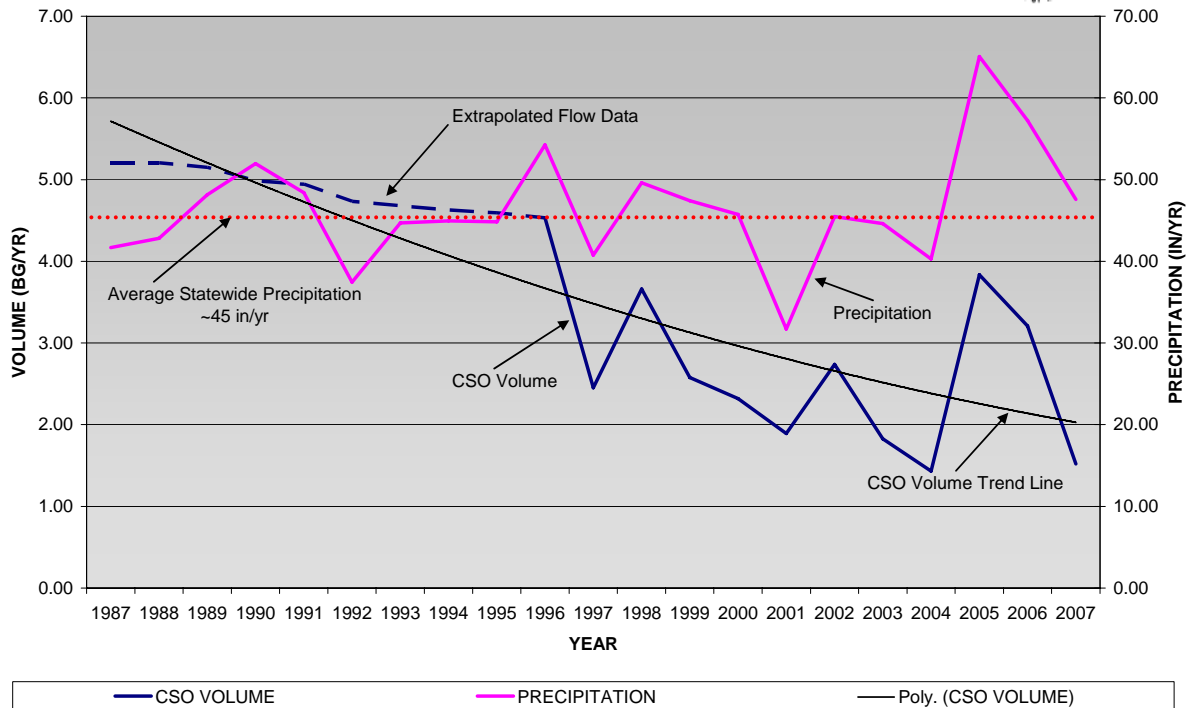
**MAINE - STATEWIDE
NUMBER OF
COMBINED SEWER OVERFLOW (CSO)
OUTFALLS**



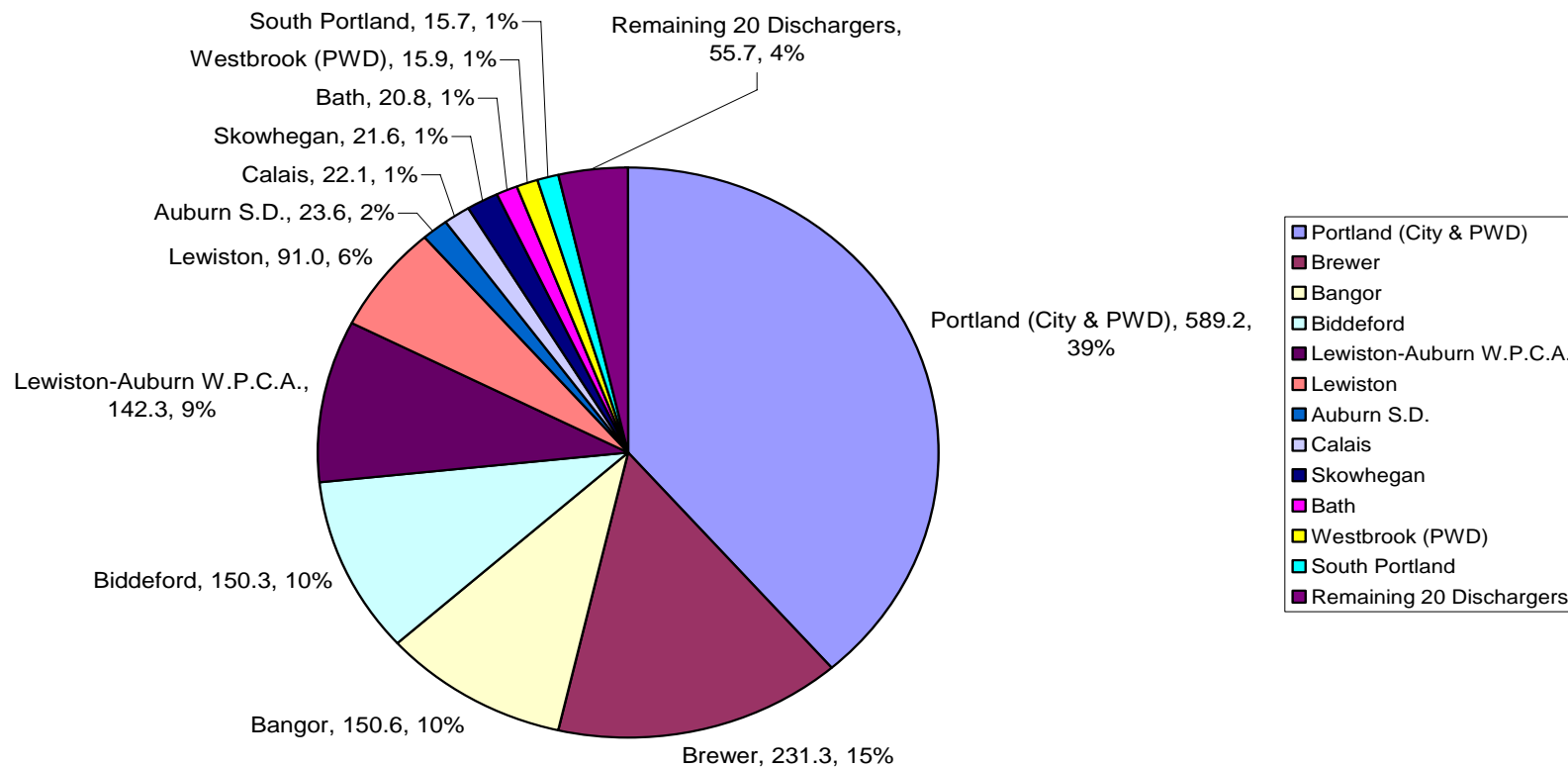
**MAINE
COMBINED SEWER OVERFLOWS
ANNUAL VOLUME DISCHARGED PER INCH OF PRECIPITATION**



**MAINE
YEARLY CSO VOLUMES AND PRECIPITATION**



**2007 CSO FLOW COMPARISON
35 CSO COMMUNITIES
32 DISCHARGERS - 1.53 BILLION GALLONS**



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

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.

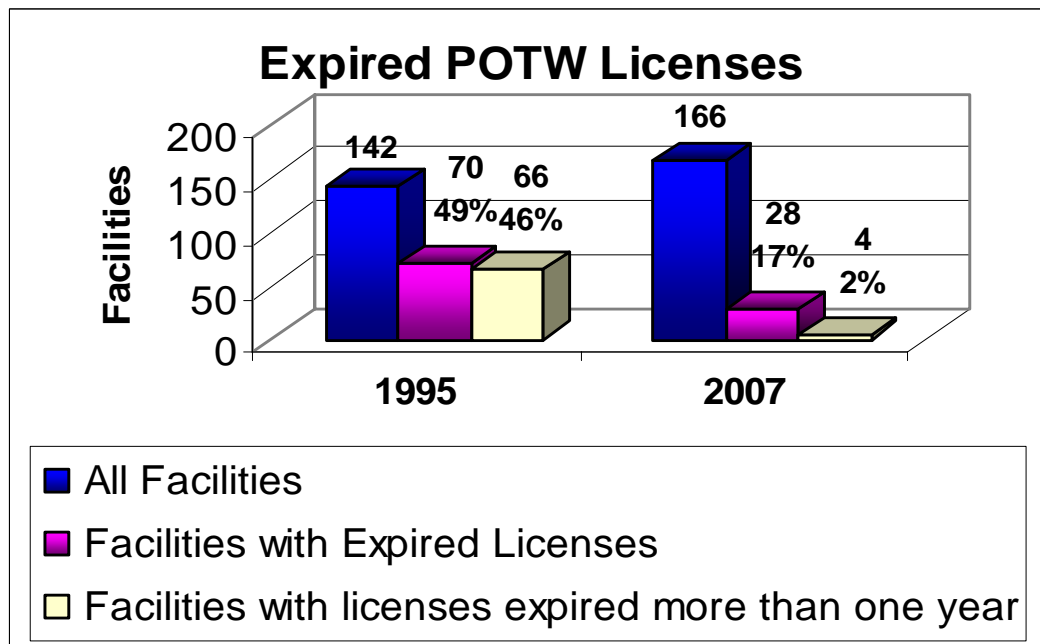
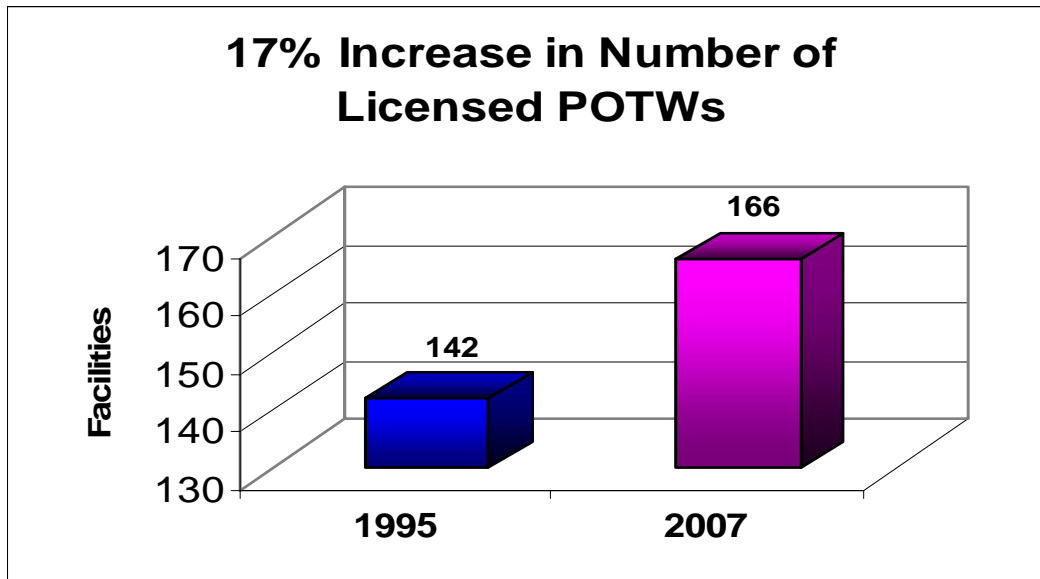
Due to historic understaffing in the DEP’s waste discharge licensing program, a backlog of expired license applications developed in the 1990’s resulting in numerous dischargers operating under expired discharge licenses. As part of the NPDES delegation process, licensing staff was increased and an aggressive 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 2007.

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

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

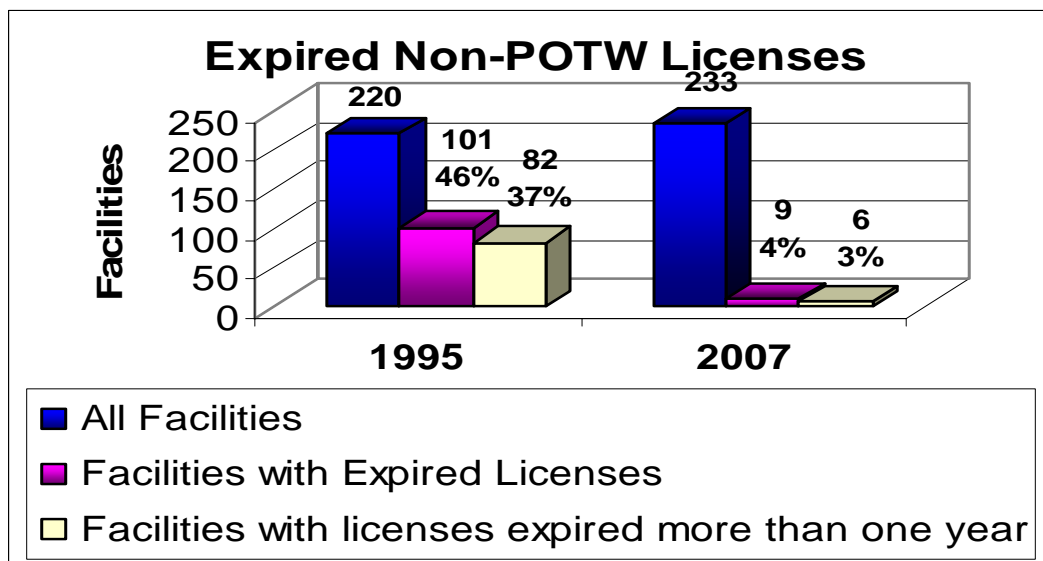
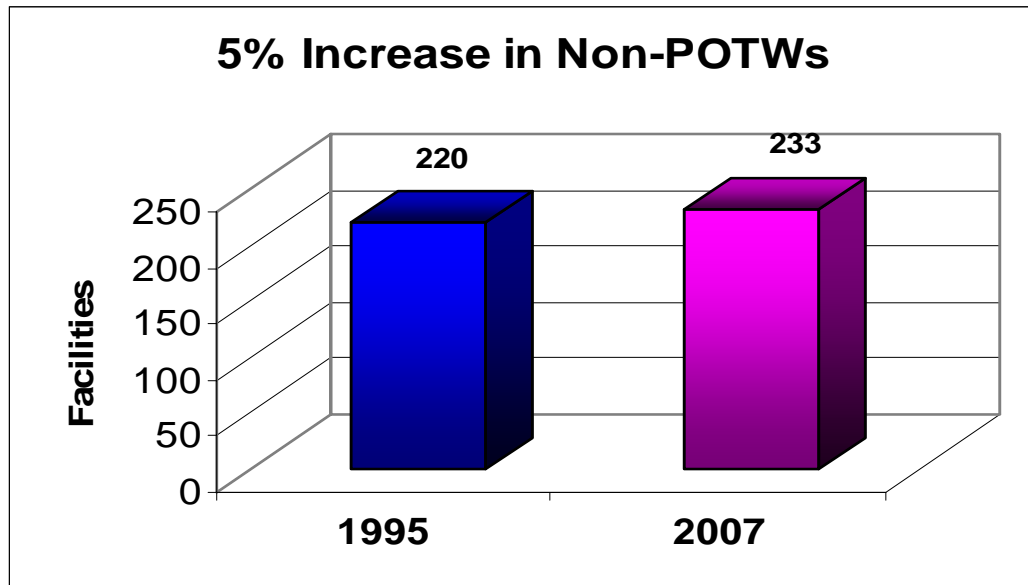
LICENSING STATUS OF POINT SOURCE DISCHARGES

The following 2 charts indicate changes in the number of licensed POTWs and their licensing status in 1995 and 2007.



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 2007.



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 dischargers have been designated with a compliance status of either *Substantial Compliance*, *Significant Non Compliance (SNC)*, or *Exceptions List (EL)* for the calendar year 2007. 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.

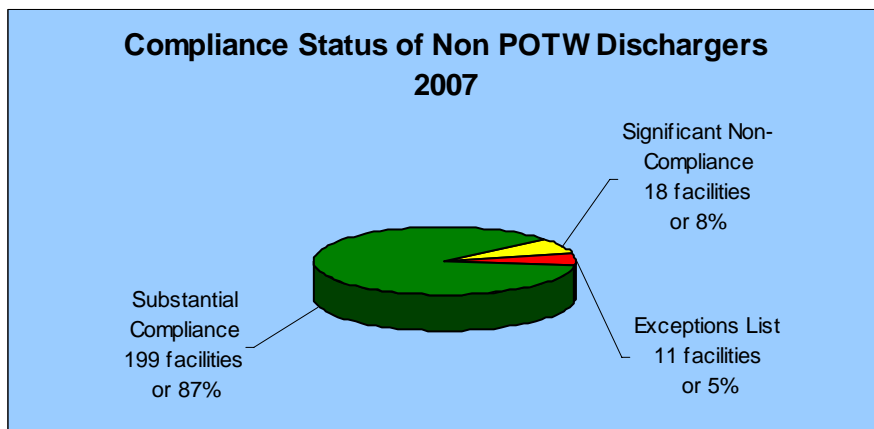
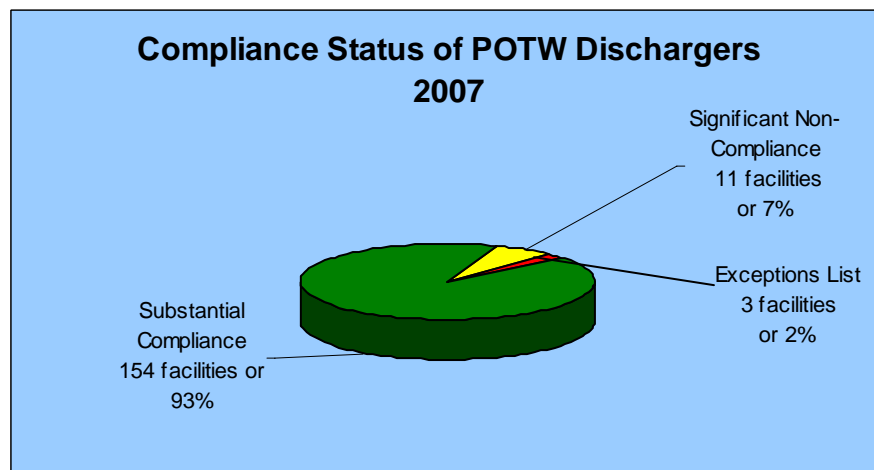
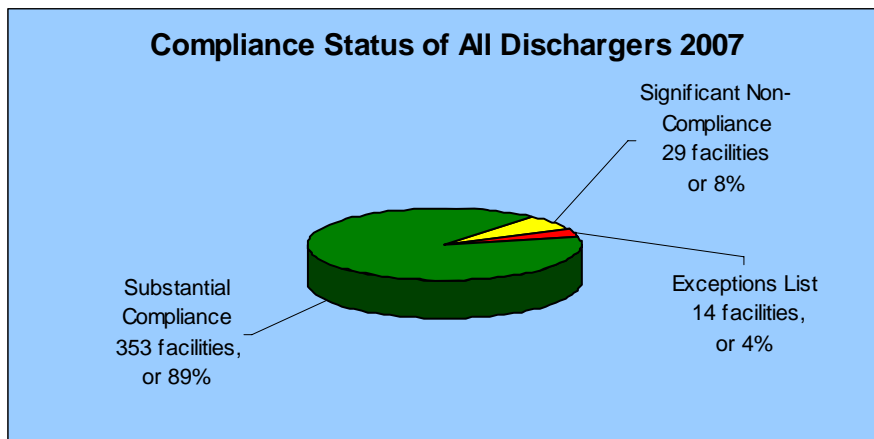
SNC and EL are compliance status criteria developed by the EPA and utilized by the DEP to track compliance. For the purposes of this report and routine compliance assessments, the DEP has chosen to include all permit limits as potential SNC and EL criteria. EPA uses a more abbreviated list.

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

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

COMPLIANCE STATUS OF POINT SOURCE DISCHARGES

The following 3 charts summarize the compliance status for calendar year 2007 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 dischargers. Every licensed discharger is required to monitor for a variety of parameters. The number of parameters varies from approximately 30 for large dischargers to approximately ten for small dischargers. 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.

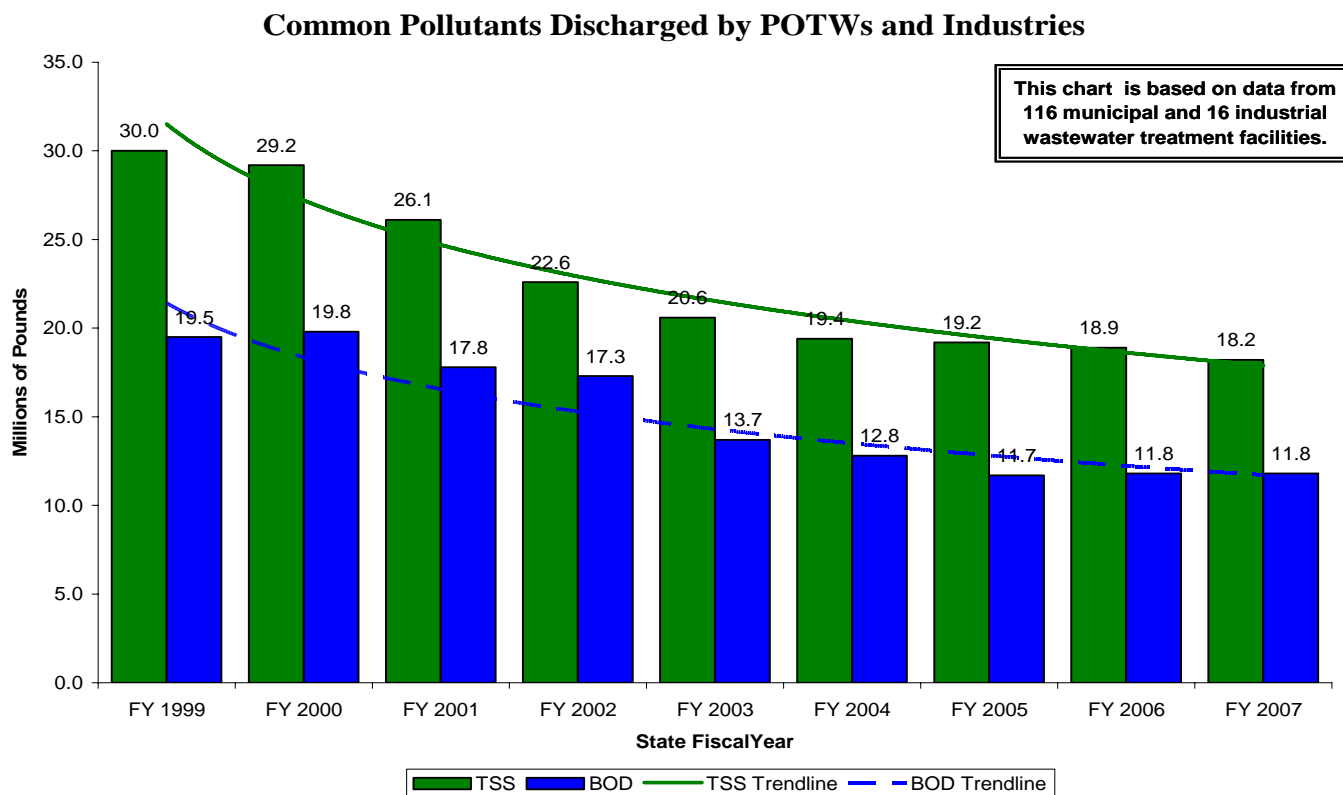
	BOD		TSS	
	NUMBER OF VIOLATIONS	% OF POSSIBLE VIOLATIONS	NUMBER OF VIOLATIONS	% OF POSSIBLE VIOLATIONS
FY 98-99	504	2.92%	193	1.12%
FY 99-00	516	3.00%	279	1.62%
FY 00-01	226	1.32%	243	1.41%
FY 01-02	315	1.81%	117	0.67%
FY 02-03	125	0.72%	111	0.64%
FY 03-04	165	1.26%	238	1.95%
FY 04-05	204	1.33%	394	3.27%
FY 05-06	150	1.19%	154	1.29%
FY 06-07	173	1.38%	206	1.73%

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

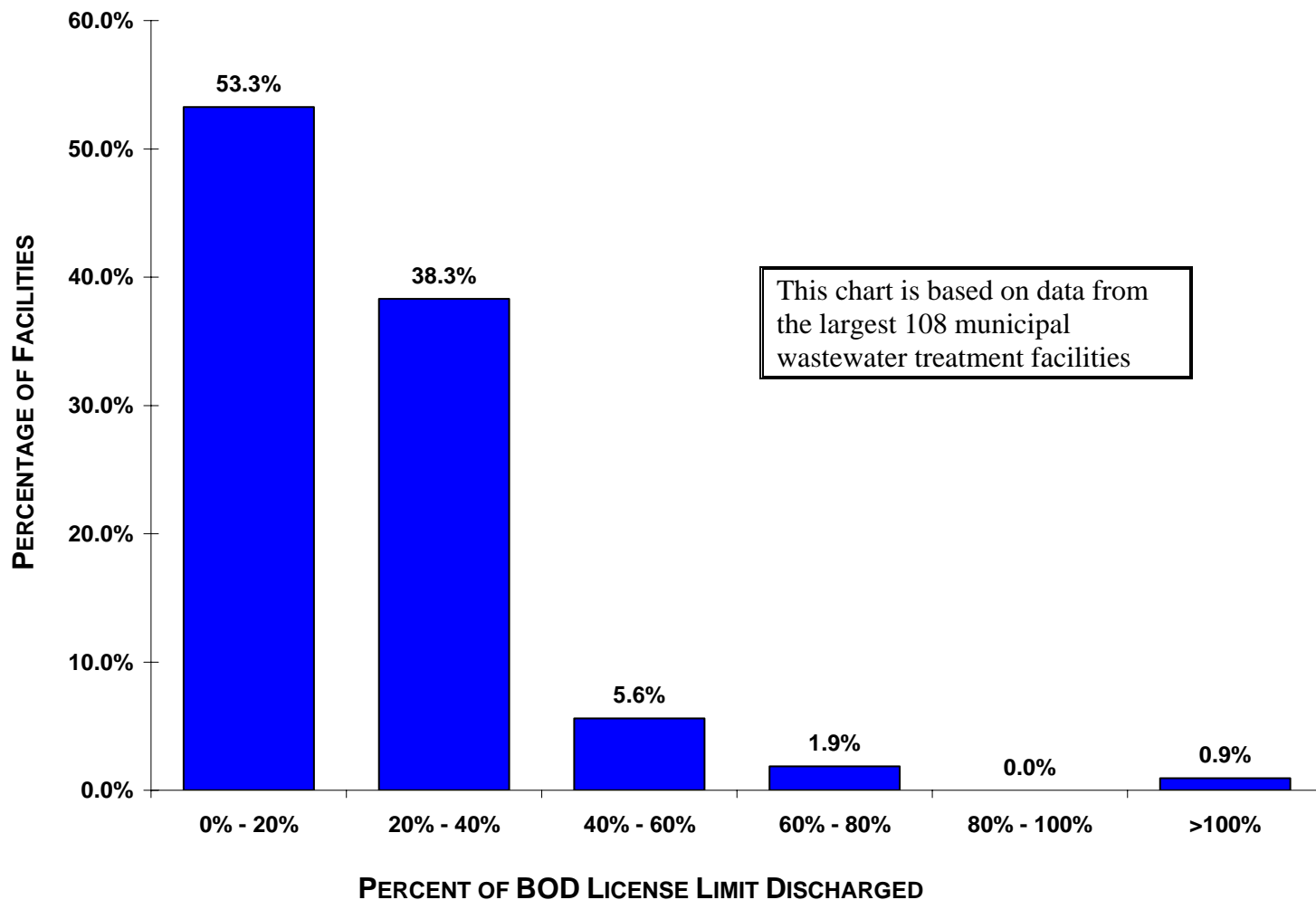
The following three charts indicate discharge trends for *BOD* and *TSS*. This data is included as an indicator of environmental performance of select licensed dischargers for the time period indicated.

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.



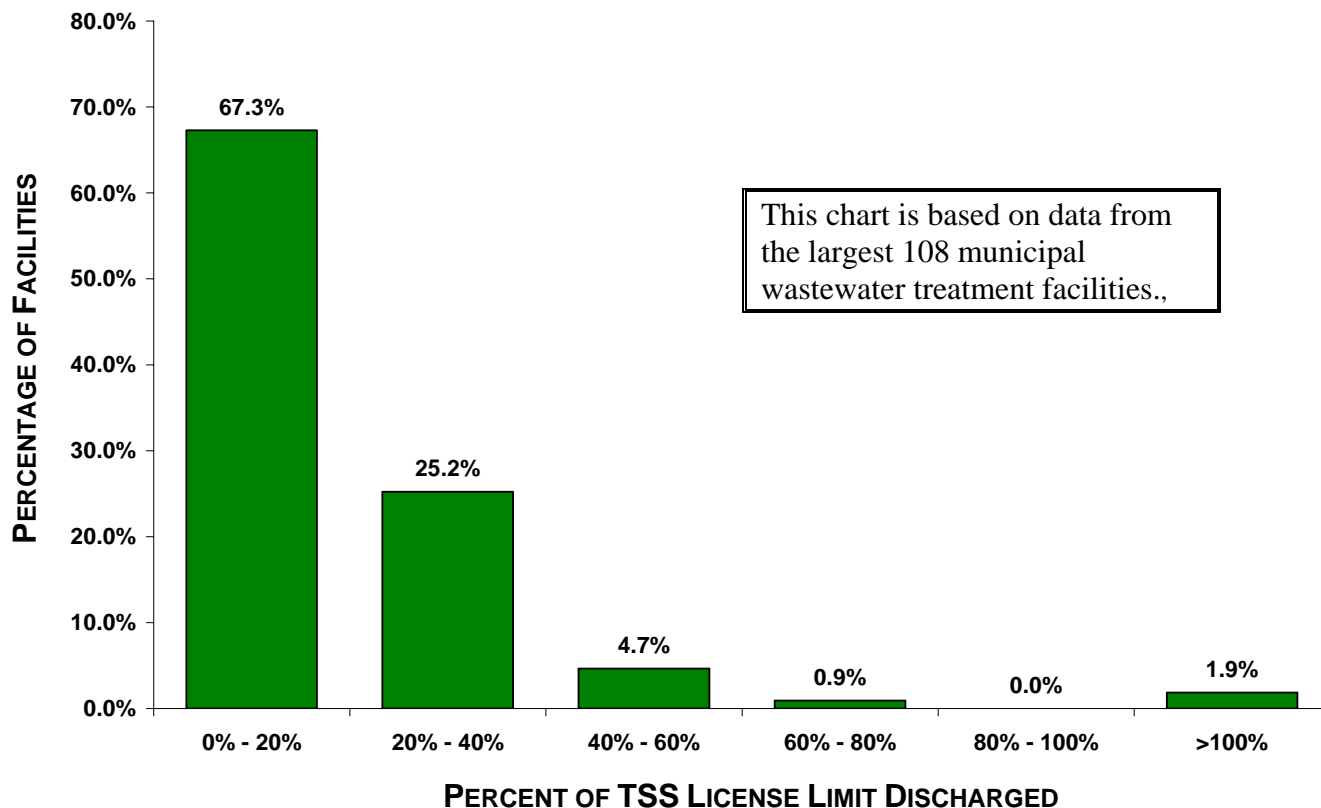
ENVIRONMENTAL PERFORMANCE STATUS OF POINT SOURCE DISCHARGES

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 almost half of the municipal wastewater treatment facilities in Maine discharge less than 20% 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 more than half of the municipal wastewater treatment facilities in Maine discharge less than 20% 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 dischargers only. Additional enforcement actions were also taken against a variety of unlicensed entities for violations of water quality laws.)*

ENFORCEMENT TOOLS UTILIZED IN 2007 TO RESPOND TO VIOLATIONS	
ACTIONS	NUMBER
LETTER OF WARNING	18
NOTICE OF VIOLATION	25
CONSENT AGREEMENT*	5
DISTRICT COURT**	2
TOTAL	50

*CONSENT AGREEMENTS FINALIZED IN 2007			
NAME	VIOLATIONS	PENALTY	CORRECTIVE ACTIONS/ COMMENTS
1. TOWN OF BAILEYVILLE	VIOLATIONS OF PRIOR AGREEMENT; LICENSE VIOLATIONS	\$14,175	PERFORM ASSESSMENT OF TREATMENT FACILITY AND MAKE UPGRADES AS NEEDED.
2. TOWN OF MACHIAS	LICENSE VIOLATIONS	\$5,500	COMPLETE IMPROVEMENT TO THE TREATMENT FACILITY.
3. US VETERAN'S ADMINISTRATION TOGUS	LICENSE VIOLATIONS	\$0	ELIMINATE DISCHARGE BY PUMPING WASTEWATER TO AUGUSTA'S SYSTEM.
4. KENNEBUNK SEWER DISTRICT	UNLICENSED OVERFLOWS AT PUMP STATION	\$1,835	INSTITUTE STAFF TRAINING AND UPGRADE ALARM SYSTEMS.
5. CITY OF ELLSWORTH	LICENSE VIOLATIONS; DISCHARGES OF UNTREATED WASTEWATER	\$25,875	\$13,000 OF PENALTY SUSPENDED. CONSTRUCT A NEW TREATMENT FACILITY. IMPROVEMENTS TO REDUCE CLEAN WATER LEAKING INTO SEWERS.
		\$47,385	

ENFORCEMENT STATUS OF DISCHARGES

**DISTRICT COURT ACTIONS FINALIZED IN 2007			
NAME	VIOLATIONS	PENALTY	CORRECTIVE ACTIONS/ COMMENTS
1. MARY KNAPP, CHERRYFIELD	DISCHARGING WITHOUT CURRENT LICENSE; NON- PAYMENT OF FEES	\$2,524	APPLY FOR REINSTATED LICENSE.
2. WINTERWOOD FARMS, LYMAN	DISCHARGING WITHOUT A LICENSE; WATER QUALITY IMPACTS	\$8,394	ADDITIONAL \$25,480 FOR WATER QUALITY VIOLATIONS. ALL PENALTIES SUSPENDED. ACTION COMBINED WITH VIOLATIONS OF SOLID WASTE LAWS. REQUIRED TO OBTAIN LICENSE.
		\$10,918	

In addition, the following cases were referred to enforcement in calendar year 2007. 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 2007				
DISCHARGER TYPE	NUMBER OF CASES	UNDER INVESTIGATION	CONSENT AGREEMENT INITIATED	RESOLVED WITHOUT ENFORCEMENT
POTW *	8	5	1	2
INDUSTRIAL	2	0	1	1
COMMERCIAL	4	4	0	0
PRIVATE	0	0	0	0
TOTAL	14	9	2	3

* 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 2007 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, 2007 there were 1,435 approved OBDs in the state located in 118 towns and plantations, a reduction of 49 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 710. 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 47 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, Passadumkeag, Pembroke, Perry, Poland Springs, Rockland, Roque Bluffs, Saco, Sedgwick, South Berwick, South Portland, Stacyville, Sullivan, Trenton, Waterville and Wiscasset.

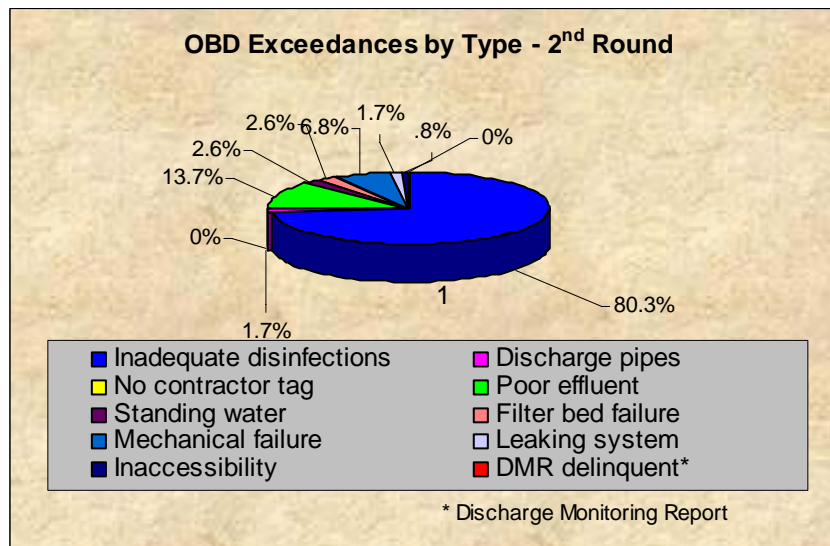
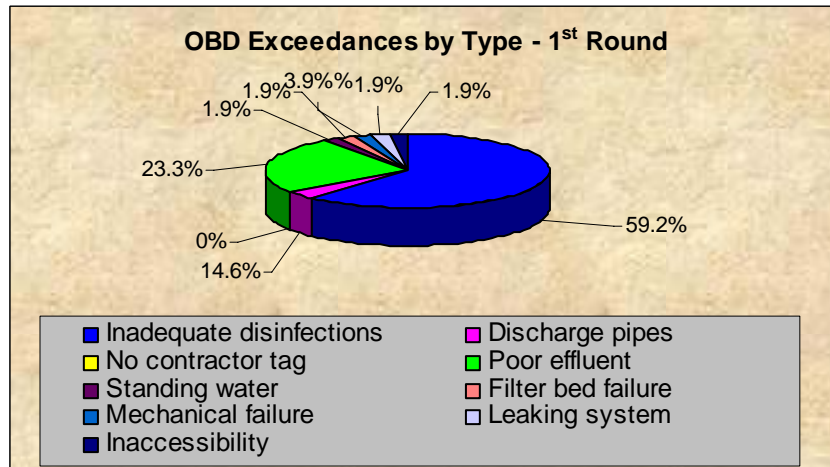
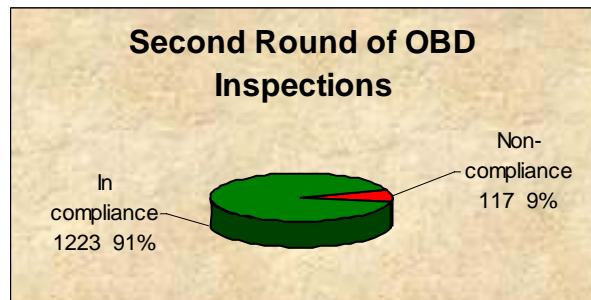
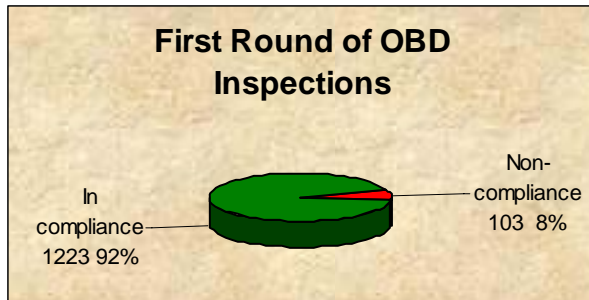
OBD License Status

Currently, 64% 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

The vast majority of OBDs are inspected twice per year. The following four charts indicate compliance status based on 2007 inspections. If non-compliance is discovered during an inspection, the inspector will indicate the problem and suggested correction 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.

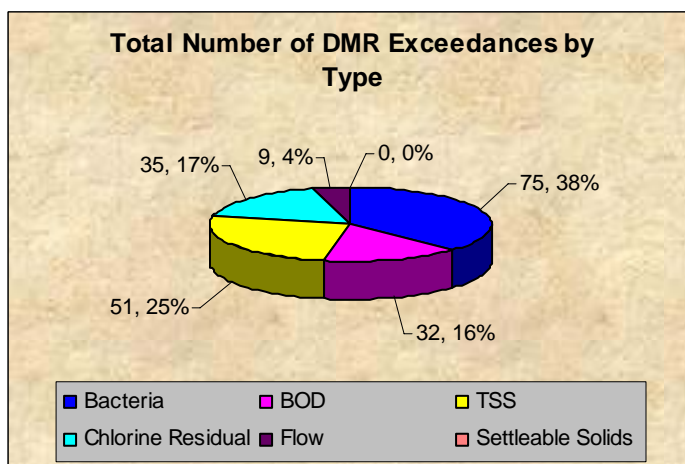
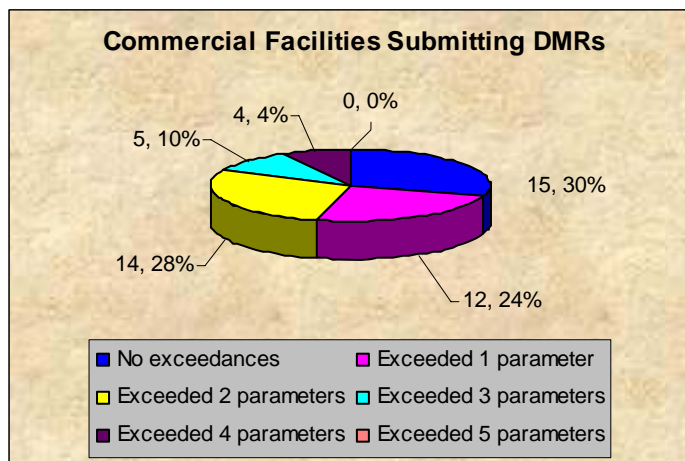
STATUS OF OVERBOARD DISCHARGES



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 2007. When an exceedence is reported to the DEP, the facility is also required to report the cause of the exceedence and the corrective action. 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 DECEMBER 28, 2007

<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	26
BIDDEFORD	28	ELIOT	2
BLUE HILL	11	ELLSWORTH	1
BOOTHBAY	140	EUSTIS	3
BOOTHBAY HARBOR	73	FAIRFIELD	1
BOWDOINHAM	5	FALMOUTH	1
BRADLEY	7	FARMINGTON	3
BREMEN	1	FRANKFORT	2
BRISTOL	159	FRENCHBORO	1
BROOKS	1	FRIENDSHIP	19
BROOKSVILLE	5	GEORGETOWN	64
BRUNSWICK	2	GOULDSBORO	20
BUCKFIELD	7	HAMPDEN	1
BURNHAM	1	HARPSWELL	82
BUXTON	1	HARRINGTON	7
CALAIS	5	INDUSTRY	1
CAMDEN	6	ISLEBORO	3
CAPE ELIZABETH	4	JONESPORT	10
CASTINE	5	KENNEBUNK	4
CHELSEA	1	KENNEBUNKPORT	4
CHERRYFIELD	37	KITTERY	10
CHESTERVILLE	1	LEWISTON	1
COLUMBIA FALLS	8	LINCOLNVILLE	2
		LONG ISLAND	4

APPROVED OVERBOARD DISCHARGES, BY LOCATION
AS OF DECEMBER 28, 2007

<u>Town/City</u>	<u>Number</u>	<u>Town/City</u>	<u>Number</u>
MACHIASPORT	4	SOUTH THOMASTON	7
MADISON	6	SOUTHPORT	170
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	6	SWANS ISLAND	1
OAKLAND	1	THOMASTON	2
ORRINGTON	3	TOPSHAM	1
OWLS HEAD	18	TREMONT	25
OXFORD	1	TRESCOTT	2
PARSONSFIELD	1	TURNER	3
PENOBSCOT	4	VASSALBORO	2
PHIPPSBURG	8	VERONA	1
PORTLAND	61	VINALHAVEN	18
PRESQUE ISLE	1	WARREN	2
PROSPECT	1	WEST BATH	3
RICHMOND	1	WEST PARIS	4
ROBBINSTON	1	WESTPORT	13
ROCKPORT	6	WINDHAM	4
SABATTUS	1	WINSLOW	4
SCARBOROUGH	2	WINTER HARBOR	7
SEARSPORT	1	WINTERPORT	1
SIDNEY	1	WOOLWICH	8
SOUTH BRISTOL	53	YARMOUTH	12
		YORK	13
		TOTAL	1,435

APPENDIX A

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2007 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	5L			X			X			
AUBURN	W-000685	12/28/10	-----	5T		X				X			
AUGUSTA	W-002695	06/06/08	8.000	5M	X	X	X		X	X			
BAILEYVILLE	W-002649	11/19/08	0.600	5L						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	5L						X			
BAR HARBOR-HULLS COVE	W-002590	11/21/10	0.150	5L		X	X			X			
BAR HARBOR-MAIN PLANT	W-002591	11/21/10	2.000	5L	X	X	X					X	
BAR HARBOR-MOUNT DESERT HIGH SCHOOL	W-003319	09/15/09	0.009	5L								X	
BATH	W-002678	10/26/09	3.500	5L	X	X	X			X			
BELFAST	W-000569	05/23/11	0.900	5L	X	X	X			X			
BERWICK	W-000566	01/22/08	1.100	5M	X		X		X	X			
BETHEL	W-002595	09/21/10	0.340	5L						X			

APPENDIX A

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2007 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
BIDDEFORD	W-000683	06/25/08	6.500	5M	X	X	X		X	X			
BIDDEFORD- BIDDEFORD POOL	W-007581	06/23/10	0.030	5L						X			
BINGHAM	W-001286	04/20/11	0.200	5L						X			
BLUE HILL	W-002628	12/07/09	0.100	5L						X			
BOOTHBAY HARBOR (BAYVILLE VILLAGE CORPORATION)	W-002573	03/12/07	0.015	5L				X		X			
BOOTHBAY HARBOR- MAIN PLANT	W-002750	12/13/10	0.640	5L	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	5L							X		
BROWNVILLE	W-000829	10/15/12	0.082	5L						X	X		
BRUNSWICK	W-002600	05/26/09	3.850	5L	X		X			X			
BRUNSWICK-GRAHAM ROAD LANDFILL	W-004308	11/16/09	0.200	5L						X			
BRUNSWICK-MERE POINT	W-008015	06/11/08	0.011	5L							X		
BUCKSPORT	W-002596	06/17/07	0.460	5L		X		X		X			
CALAIS	W-002751	09/29/11	1.500	5L	X	X	X			X			

APPENDIX A

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2007 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
CAMDEN	W-002592	07/18/08	1.210	5M	X		X		X	X			
CANTON	W-006445	02/22/11	0.621	5L			X			X			
CAPE ELIZABETH (PORTLAND WATER DIST.)	W-006751	07/05/11	0.499	5L		X	X			X			
CARIBOU-CITY FACILITY	W-001001	12/22/11	1.710	5L	X		X			X			
CARIBOU-LORING DEVELOPMENT AUTHORITY	W-006654	12/19/08	2.500	5L	X		X			X			
CARRABASSETT VALLEY	W-002781	12/22/11	-----	5L								X	SNC, EL
CASTINE	W-002623	12/22/09	0.126	5L						X			
CLINTON	W-002589	02/14/08	0.350	5L			X			X			
CORRINNA	W-008206	09/02/09	0.110	5L								X	SNC
CORNISH	W-007878	04/24/12	0.007	5L							X		
DAMARISCOTTA-MAIN PLANT (GREAT SALT BAY SANITARY DISTRICT)	W-006048	06/26/11	0.268	5L						X			
DANFORTH	W-000819	12/29/09	0.049	5L						X			

APPENDIX A

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2007 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
DEXTER	W-000830	12/06/12	0.273	5L								X	
DOVER-FOXCROFT	W-002633	09/07/09	0.800	5L			X			X			
EAGLE LAKE	W-003374	12/17/12	0.146	5L								X	
EAST MACHIAS	W-006521	10/05/10	0.026	5L						X			
EASTPORT-MAIN PLANT	W-002598	08/13/07	0.82	5L				X		X			
EASTPORT-QUODDY VILLAGE	W-008131	08/13/07	0.050	5L				X		X			
ELLSWORTH	W-002529	05/28/09	0.850	5L	X		X			X			SNC
ELLSWORTH-SHORE ROAD	W-003801	08/18/09	0.002	5L						X			
FAIRFIELD	W-007701	10/11/08	-----	5T		X				X			
FALMOUTH	W-002650	01/22/08	1.560	5L	X		X			X			
FARMINGTON	W-002670	10/16/11	0.900	5L	X		X			X			
FORT FAIRFIELD	W-000694	05/08/12	0.600	5M	X		X			X			
FORT KENT	W-000692	12/18/11	0.430	5L	X		X			X			
FREEPORT	W-000617	04/19/10	0.750	5L	X		X			X			

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POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2007 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
FRENCHVILLE	W-007676	06/17/10	0.060	5L						X			
GARDINER	W-002655	03/16/11	4.500	5L	X	X	X			X			
GORHAM-LITTLE FALLS (PORTLAND WATER DISTRICT)	W-006950	08/14/07	0.040	5L						X			
GRAND ISLE	W-007713	06/02/10	0.080	5L						X			
GREENVILLE (MOOSEHEAD SANITARY DISTRICT)	W-002119	01/29/09	0.170	5L								X	
GUILFORD (GUILFORD- SANGERVILLE SANITARY DISTRICT)	W-006792	08/11/09	0.930	5M	X		X			X			
HALLOWELL	W-007532	06/23/08	-----	5T		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	5L	X		X			X			
HOULTON (HOULTON WATER COMPANY)	W-008219	05/20/10	----	5L								X	
HOWLAND	W-002632	05/16/10	0.300	5L						X			

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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	5L							X		
INDIAN TOWNSHIP- PRINCETON STRIP (PASSAMAQUODDY TRIBE)	W-000872	08/02/99	0.015	5L								X	
ISLESBORO-DARK HARBOR	W-002726	11/21/10	0.064	5L						X			
JACKMAN	W-002696	09/28/09	0.675	5L			X			X			
JAY-NORTH JAY	W-002689	08/02/10	0.060	5L			X			X			
KENNEBUNK	W-002585	09/18/11	1.310	5L	X		X			X			
KENNEBUNKPORT	W-002626	06/22/10	0.700	5L	X		X			X			
KINGFIELD	W-006272	04/24/12	0.077	5L							X		
KITTERY	W-000389	03/24/11	2.500	5L	X		X			X			
LEWISTON	W-000684	12/29/10	-----	5T		X				X			
LEWISTON (LEWISTON-AUBURN WATER POLLUTION CONTROL AUTHORITY)	W-000682	12/31/07	14.200	5M	X	X	X		X	X			

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Location	License #	Exp. Date	Flow MGD	Type	Major	Cso	Tox	301(H)	Pre	Surf	Sub	Spray	Compliance Status
LEWISTON-NO NAME POND	W-008126	01/30/12	0.004	5K							X		
LIMERICK	W-000860	10/12/10	0.110	5L			X			X			SNC
LIMESTONE	W-002684	10/05/09	0.300	5L	X		X			X			SNC
LINCOLN	W-001479	03/31/08	1.070	5L	X	X	X			X			
LISBON	W-002725	05/18/10	2.025	5L	X		X			X			
LIVERMORE FALLS	W-002654	09/21/10	2.000	5L		X				X			
LUBEC	W-006306	07/07/08	0.166	5L				X		X			
MACHIAS	W-002674	09/06/10	0.370	5L	X	X	X			X			
MADAWASKA	W-002602	11/14/08	0.600	5L		X				X			
MAPLETON	W-008147	01/27/08	0.090	5L								X	SNC
MARS HILL	W-000842	10/22/12	1.000	5L			X			X			
MATTAWAMKEAG	W-007462	04/25/10	0.090	5L						X			
MECHANIC FALLS	W-002722	10/22/07	0.490	5L	X	X	X			X			
MEXICO (RUMFORD- MEXICO SEWERAGE DISTRICT)	W-002686	09/21/10	2.650	5L	X		X			X			
MILBRIDGE	W-000862	11/18/08	0.070	5L				X		X	X		

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Location	License #	Exp. Date	Flow MGD	Type	Major	Cso	Tox	301(H)	Pre	Surf	Sub	Spray	Compliance Status
MILFORD	W-008223	11/04/10	----	5T		X				X			
MILLINOCKET	W-002680	02/11/09	2.330	5L	X		X			X			
MILO	W-002753	10/05/09	0.390	5L			X			X			
MONSON	W-007155	10/09/12	0.014	5L							X		
MT. DESERT- NORTHEAST HARBOR	W-002659	12/23/08	0.330	5L			X			X			
MT. DESERT- SEAL HARBOR I	W-002657	07/07/09	0.250	5L						X			SNC
MT. DESERT- SOMESVILLE	W-002656	12/23/08	0.080	5L			X			X			SNC
NEWPORT	W-000865	07/01/09	0.524	5L			X			X			
NEWPORT-NOKOMIS REGIONAL HIGH SCHOOL	W-007162	07/22/08	0.010	5L								X	
NOBLEBORO- DAMARISCOTTA MILLS (GREAT SALT BAY SANITARY DISTRICT)	W-007044	04/11/11	0.015	5L						X			
NORRIDGEWOCK	W-007742	11/19/08	0.193	5L						X			
NORTH BERWICK	W-006267	08/14/07	1.000	5L			X			X			
NORTH HAVEN	W-001671	11/21/08	0.040	5L				X		X			

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Location	License #	Exp. Date	Flow MGD	Type	Major	Cso	Tox	301(H)	Pre	Surf	Sub	Spray	Compliance Status
NORTHPORT (NORTHPORT VILLAGE CORPORATION)	W-002575	06/29/09	0.063	5L				X		X			
NORWAY	W-002647	05/03/06	0.975	5L	X		X			X			
OAKLAND	W-002690	05/15/06	0.480	5L	X		X			X			
OGUNQUIT	W-000449	02/25/08	1.280	5L	X		X			X			
OLD ORCHARD BEACH	W-002786	04/19/10	3.500	5L	X		X			X			
OLD TOWN	W-001635	05/25/09	3.500	5L	X	X	X			X			
OLD TOWN-INDIAN ISLAND (PENOBSCOT INDIAN NATION)	W-002672	03/29/05	0.070	5L						X			
ORONO	W-002673	11/30/12	1.840	5L	X	X	X			X			
PARIS-SOUTH PARIS (PARIS UTILITY DISTRICT)	W-000632	08/21/06	0.650	5L	X	X	X			X			SNC, EL
PATTEN	W-007775	12/16/08	0.030	5L								X	
PERRY (PLEASANT POINT) (PASSAMAQUODDY TRIBE)	W-002561	10/13/04	0.150	5L						X			
PITTSFIELD	W-001477	06/08/09	1.500	5L						X			

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Location	License #	Exp. Date	Flow MGD	Type	Major	Cso	Tox	301(H)	Pre	Surf	Sub	Spray	Compliance Status
PORTLAND	W-008010	07/07/08	-----	5T		X				X			
PORTLAND (PORTLAND WATER DISTRICT)	W-002671	01/10/11	19.800	5M	X	X	X		X	X			
PORTLAND-PEAKS ISLAND (PORTLAND WATER DISTRICT)	W-007182	09/17/12	0.200	5L			X			X			
PRESQUE ISLE	W-002713	06/18/12	2.310	5L	X	X	X			X			SNC
PRESQUE ISLE-ECHO LAKE	W-008017	06/05/08	0.004	5K							X		
PRESQUE ISLE- LANDFILL	W-008088	07/21/11	---	5L								X	
RANDOLPH	W-008074	04/08/09	-----	5T		X				X			
RANGELEY	W-008086	05/02/12	-----	5L								X	
RICHMOND	W-002616	02/25/08	0.300	5L						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	5L						X			
SABATTUS	W-002624	11/07/11	0.120	5L			X			X			

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Location	License #	Exp. Date	Flow MGD	Type	Major	Cso	Tox	301(H)	Pre	Surf	Sub	Spray	Compliance Status
SACO	W-002599	08/14/11	4.200	5L	X	X	X			X			
SANFORD	W-000870	03/28/08	5.500	5M	X	X	X		X	X			
SCARBOROUGH	W-002668	09/03/09	2.500	5L	X		X			X			
SEARSPORT	W-006279	06/17/07	0.200	5L				X		X			
SINCLAIR (SINCLAIR SEWER DISTRICT)	W-007814	04/18/11	0.042	5L								X	
SKOWHEGAN-MAIN PLANT	W-002645	04/25/08	1.65	5L	X	X	X			X			
SORRENTO	W-002280	12/18/06	0.003	5K						X			
SOUTH BERWICK	W-002721	06/17/07	0.567	5L			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	5L	X		X			X			
ST. AGATHA	W-002755	06/22/10	0.060	5L						X			
STONINGTON	W-001475	03/14/08	0.175	5L				X		X			
THOMASTON	W-002643	04/11/08	0.900	5L	X		X			X		X	
UNITY	W-000478	07/27/12	0.500	5L			X			X			
VAN BUREN	W-002675	09/02/09	0.560	5L	X					X			

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Location	License #	Exp. Date	Flow MGD	Type	Major	Cso	Tox	301(H)	Pre	Surf	Sub	Spray	Compliance Status
VASSALBORO- CEMETERY STREET FACILITY	W-008102	01/31/10	0.029	5L						X			
VASSALBORO-MAIN STREET FACILITY	W-002597	01/31/10	0.025	5L						X			
VASSALBORO-NORTH MAIN STREET FACILITY	W-008101	01/31/10	0.025	5L						X			
VEAZIE	W-002754	11/30/12	0.350	5L						X			
VINALHAVEN	W-008146	11/15/12	0.129	5L			X			X			
WALDOBORO	W-008114	12/20/07	0.150	5L								X	
WALLAGRASS PLT. (EAGLE LAKE WATER & SEWER DISTRICT)	W-007955	11/30/12	0.006	5L							X		
WARREN	W-007023	04/25/10	0.244	5L			X			X			
WASHBURN	W-007610	12/07/11	0.283	5L			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	5L	X		X			X			
WESTBROOK (PORTLAND WATER DISTRICT)	W-001510	12/22/11	4.54	5L	X	X	X		X	X			

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Location	License #	Exp. Date	Flow MGD	Type	Major	Cso	Tox	301(H)	Pre	Surf	Sub	Spray	Compliance Status
WHITNEYVILLE- CANAL ROAD FACILITY	W-006551	02/22/10	0.002	5K						X			
WHITNEYVILLE- SCHOOL STREET FACILITY	W-008099	02/22/10	0.006	5L						X			
WILTON	W-002365	07/07/11	0.450	5L	X		X			X			
WINSLOW	W-008204	08/17/09	-----	5T		X				X			
WINTER HARBOR	W-000562	12/07/10	0.125	5L						X			
WINTERPORT	W-001480	02/02/09	0.110	5L				X		X			EL
WISCASSET	W-000370	08/11/09	0.620	5L			X			X			
YARMOUTH	W-002644	12/19/11	1.310	5L	X		X			X			
YARMOUTH-SEA MEADOWS SUBDIVISION	W-002234	12/22/11	0.028	5L						X			
YORK	W-002687	05/31/11	3.000	5L	X		X			X			

	Licenses	Exp. Date	Flow MGD	Type	Major	Cs o	Tox	301(H)	Pre	Surf	Su b	Spra y	Compliance Status
TOTALS	166	---	211.29	---	60	39	82	11	14	141	11	17	EL=3; SNC=11

APPENDIX A

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: 5K POTWs, less than 6,000 GPD, with no significant industrial waste 5L POTWs, 6,000 GPD to 5 million GPD, with no significant industrial discharge 5M POTWs, over 5 million GPD or with significant industrial waste 5T Municipal combined sewer overflow (CSO)
NOTES	<ol style="list-style-type: none"> Two type <u>5L</u> 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. Two type <u>5L</u> licenses (Milbridge and Brownville) are for both surface water and subsurface discharges. Five type <u>5L</u> 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. All type <u>5L</u> land application discharges are seasonal, except for Carrabassett, Greenville, Mapleton and Rangeley, which are licensed to discharge “snowfluent” during the winter. On type <u>5L</u> license (Houlton) is for the discharge of sludge lagoon supernatant through a land application system. All type <u>5T</u> licenses are for “stand alone” CSO facilities (that is, facilities that are not licensed as part of a municipal primary or secondary treatment facility)
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.
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.

APPENDIX B
NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2007*
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(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
Addison	Elegant Seafood LLC	W-007950	12/23/08	5P			X			Sea cucumber processing facility; 0.008 MGD process water discharge	
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			Plastics manufacturer; 1.2 MGD non-contact cooling water	
Augusta	Dept. of Inland Fisheries & Wildlife	W-002034	07/05/11	5Q			X			Governor Hill Fish Hatchery; 1.2 MGD process water discharge	SNC
Avon	Dunham's Pure Water Hatchery	W-008105	10/18/10	5Q			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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Location	Licensee	License #	Exp. Date	Type	Major	Tox	Surf	Sub	Spray	Comments	Compliance Status
Baileyville (Woodland)	Louisiana Pacific Corporation	W-000508	06/10/08	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	02/20/09	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	
Beals	Maine Coast Nordic	W-008194	03/30/09	5Q			X			Salmon aquaculture facility (Spectacle Island Site)	
Beals	Maine Coast Nordic	W-008187	03/30/09	5Q			X			Salmon aquaculture facility (Sand Cove Site)	

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Location	Licensee	License #	Exp. Date	Type	Major	Tox	Surf	Sub	Spray	Comments	Compliance Status
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	10/11/08	5R			X			Waste-to-energy incinerator; 93.6 MGD non-contact cooling water	
Biddeford	University of New England	W-008109	12/02/09	5Q			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	
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	Syoly Sea Farm, Inc.	W-007577	04/06/10	5Q			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	

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Location	Licensee	License #	Exp. Date	Type	Major	Tox	Surf	Sub	Spray	Comments	Compliance Status
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	Camp Wildwood	W-007708	07/02/08	5J					X	Commercial camp ground; 8500 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	09/26/08	5S			X			Drinking water treatment facility; 80,000 GPD filter backwash discharge	EL
Brunswick	FPL Energy Maine Hydro	W-000571	02/20/09	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 Androscoggin 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	

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Location	Licensee	License #	Exp. Date	Type	Major	Tox	Surf	Sub	Spray	Comments	Compliance Status
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	02/20/09	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 tidewater	
Caribou	Caribou Utilities District	W-006209	07/12/09	5S			X			Drinking water treatment facility; 450,000 GPD filter backwash discharge	
Caribou	Loring Development Authority	W-007926	06/14/09	5S			X			Drinking water treatment facility; 8,000 GPD filter backwash discharge	
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	5Q			X			Casco Fish Hatchery; 2.9 MGD process waste water discharge	
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
Cutler	Atlantic Salmon of Maine LLC	W-009005	04/10/12	5Q			X			Salmon aquaculture facility (Cross Island Site)	

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Cutler	Maine Coast Nordic	W-008192	03/30/09	5Q			X			Salmon aquaculture facility (Cutler Harbor Site)	
Cutler	Maine Coast Nordic	W-008188	03/30/09	5Q			X			Salmon aquaculture facility (Cutler North Site)	
Cutler	US Navy-Naval Communication 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	06/06/08	5J					X	Commercial camp ground; 29,092 GPD sanitary waste water discharge	
Damariscotta	Town of Damariscotta	W-009007	05/08/12	5V			X			Snow dump; discharge to tidewater	
Deblois	Jasper Wyman & Sons	W-007847	03/19/12	5P			X		X	Blueberry processing facility; 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	
Dover-Foxcroft	Dover-Foxcroft Water District	W-007330	04/18/08	5S			X			Drinking water treatment facility; 25,000 GPD filter backwash discharge	

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East Machias	Phoenix Salmon U.S., Inc.	W-007149	10/15/09	5Q			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	5Q			X			Salmon aquaculture facility (Broad Cove Site)	
Eastport	L.R. Enterprises Inc	W-008186	03/30/09	5Q			X			Salmon aquaculture facility (Treats Island Site)	
Eastport	Stolt Sea Farm Maine Inc.	W-008181	03/30/09	5Q			X			Salmon aquaculture facility (Prince Cove Site)	
Eastport	Stolt Sea Farm Maine Inc.	W-008198	04/06/09	5Q			X			Salmon aquaculture facility (Johnson Cove Site)	
Eliot	Autowash Inc.	W-008225	10/21/10	5S				X		Commercial car wash	EL
Ellsworth	Green Lake National Fish Hatchery	W-000721	02/06/09	5Q			X			Federal salmonid hatchery; 19.4 MGD process water discharge	

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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	Atlantic Salmon of Maine, LLC	W-007608	09/16/08	5Q			X			Commercial salmonid hatchery; 15.43 MGD process water discharge	
Embden	Dept. of Inland Fisheries & Wildlife	W-002029	01/30/11	5Q			X			Ela Fish Rearing Station; 4.75 MGD process water discharge	
Embden	FPL Energy Maine Hydro	W-000574	02/09/09	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	
Enfield	Dept. of Inland Fisheries & Wildlife	W-002032	03/31/11	5Q			X			Cobb State Fish Hatchery; 4.75 MGD process water discharge	SNC
Enfield	Indeck Power Oversees 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	

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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	
Fort Fairfield	Borex 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	Dept. of Inland Fisheries & Wildlife	W-008235	07/11/11	5U			X			Aquatic pesticide treatment of Nadeau Lake to control invasive fish species	
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	SNC
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	5Q			X			Aquaculture research facility; 1.27 MGD process water discharge	

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Frenchboro	Island Aquaculture Company Inc.	W-008199	05/26/09	5Q			X			Salmon aquaculture facility (Black Island Site)	
Frenchville	Mountain Springs Trout Farm	W-008125	04/25/10	5Q			X			Fish hatchery; 0.65 MGD process water discharge	
Gardiner	Gardiner Water District	W-000953	05/01/08	5S			X			Drinking water treatment facility; 52,000 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	Stinson Seafood, Inc.	W-000791	03/09/12	5P			X			Sardine packing facility; 272,000 GPD process water discharge	
Grand Lake Stream Plt.	Dept. of Inland Fisheries & Wildlife	W-002037	08/01/11	5Q			X			Grand Lake Stream Fish Hatchery; 2.9 MGD process water discharge	
Gray	Dept. of Inland Fisheries & Wildlife	W-002031	06/06/11	5Q			X			Dry Mills Fish Hatchery; 1.92 MGD process water discharge	SNC, EL
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	
Harrison	Roderick Dyer	W-008124	02/28/12	5J				X		1800 GPD treated septage leachate discharge	SNC, EL
Hartland	Irving Tanning Company	W-001915	06/05/09	5R			X			Leather tanning facility; 500,000 GPD non-contact cooling water	

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Hermon	Hermon Car Wash	W-008234	06/26/11	5S				X		Commercial car wash; 1,000 GPD wash water discharge	SNC, EL
Hermon	Herman Park LLC	W-007690	12/20/12	5J					X	Commercial trailer park; 4,500 GPD sanitary waste water discharge	
Hollis	FPL Energy Maine Hydro	W-000581	02/20/09	5R			X			Bar Mills Hydro Project; 67,000 GPD non-contact cooling water	
Hollis	Pierce Associates Inc.	W-008127	03/29/12	5Q			X			Commercial fish hatchery; 1.5 MGD process waste water	
Houlton	A.E. Staley Manufacturing Inc.	W-000940	06/26/08	5N	X	X	X		X	Starch processing facility; 0.04 MGD process water discharge; 0.05 MGD non-contact cooling water discharge	
Howland	PPL Maine LLC	W-008064	04/01/09	5R			X			Howland Hydro Project; 1,440 GPD non-contact cooling water	
Indian Stream Twp.	FPL Energy Maine Hydro	W-000572	02/24/09	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	

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Jonesboro	Maine Wild Blueberry Co.	W-008236	07/26/11	5P					X	Blueberry processing facility; process water discharge	
Jonesport	Moosabec Mussels, Inc.	W-008152	05/21/08	5P			X			Shellfish processing facility; 24,500 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	SNC, EL
Kittery	Portsmouth Naval Shipyard	W-003445	05/05/11	5R			X			Submarine repair & overhaul facility; 33 MGD non-contact condenser & compressor cooling water; misc. dry dock dewatering water & stormwater discharges	
Lewiston	FPL Energy Maine Hydro	W-007658	02/20/09	5R			X			Lewiston Falls Hydro Project; 700,000 GPD non-contact cooling water	
Limerick	DEP-Div. of Environmental Assessment	W-008156	05/24/10	5U			X			Aquatic herbicide treatment of Pickerel Pond to control invasive hydrilla verticillata	
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			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	Borex 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	
Lubec	ISF Trading Inc.	W-008161	10/16/08	5P			X			Sea cucumber processing facility; 8,000 GPD process water discharge	
Lubec	Stolt Sea Farm Maine Inc.	W-008183	03/29/09	5Q			X			Salmon aquaculture facility (Rogers Island North Site)	
Lubec	Stolt Sea Farm Maine Inc.	W-008184	03/30/09	5Q			X			Salmon aquaculture facility (Booth Site)	

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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	
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	

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Mattawam-keag	Great Lakes Hydro America, LLC	W-008075	03/09/09	5R			X			Mattaceunk Hydro Project; 144,000 GPD non-contact cooling water	
Milbridge	Lawrence Ray Fishing Industries	W-007894	07/12/12	5P			X			Sea cucumber processing facility; 15,000 GPD process water	
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	02/20/09	5R			X			Wyman Hydro Project; 573,000 GPD non-contact cooling water	
Mount Vernon	Coastal Camps Inc (d/b/a Camp Laurel)	W-003269	12/20/12	5J					X	Commercial camp ground; 15,000 GPD sanitary waste water discharge	

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Nashville Plt.	Irving Forest Products Inc.	W-007883	05/28/09	5S					X	Sawmill; 8000 GPD debarking hot pond & boiler blowdown water discharges	
New Gloucester	Dept. of Inland Fisheries & Wildlife	W-002030	07/05/11	5Q			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	
Norway	Dept. of Inland Fisheries & Wildlife	W-008231	06/15/11	5U			X			Aquatic pesticide treatment of Big Speck Pond to control invasive fish species	
Oakland	Messalonskee Stream Hydro LLC	W-000577	02/24/09	5R			X			Rice Rips (M3) Hydro Project; 26,900 GPD non-contact cooling water	
Oakland	Messalonskee 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	5Q			X			Federal salmonid hatchery; 3.5 MGD process water discharge	SNC
Orland	G.M. Allen & Sons	W-007791	10/26/09	5P					X	Blueberry processing facility; 67,880 GPA process water discharge	
Orono	Orono-Veazie Water District	W-007954	08/05/09	5S			X			Drinking water treatment facility; 92,000 GPD filter backwash discharge	SNC, EL
Orono	University of Maine	W-008153	03/28/08	5S			X			30,000 GPD filter backwash discharge from University swimming pool	

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Orrington	Holtrachem Manufacturing Co.	W-001048	12/31/03	5N	X	X	X			Chlorine manufacturing facility; 0.15 MGD process water discharge	SNC
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	5Q			X			Palermo Fish Rearing Station; 4.75 MGD process water discharge	EL
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	Passamaquoddy 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	5Q			X			Phillips Fish Rearing Station; 0.36 MGD process water discharge	
Pierce Pond Township	Dead River Fish Hatchery	W-000905	12/19/10	5Q			X			Commercial fish hatchery and rearing station; 1.5 MGD process water discharge	
Plymouth	Soil Preparation, Inc.	W-007882	07/02/08	5J					X	Septage dewatering and composting facility; 20,000 GPD discharge	

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Portland	Fresh Atlantic USA	W-009008	07/31/12	5P			X			Sea urchin processing facility; 12,100 GPD process water discharge	
Portland	Heritage Acquisition Corp.	W-000980	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	
Presque Isle	Golden Gate Park	W-008159	05/28/08	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	5Q			X			Commercial salmon hatchery; 12 MGD process 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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Location	Licensee	License #	Exp. Date	Type	Major	Tox	Surf	Sub	Spray	Comments	Compliance Status
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	02/20/09	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	5Q			X			Commercial trout hatchery and rearing facility; 72,000 GPD process water discharge	SNC
Scarborough	Bayley's Quality Seafood	W-000990	12/06/12	5P			X			Shellfish processing facility; 63.525 GPD seafood processing waste water discharge	SNC
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	

APPENDIX B
NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2007*
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
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	02/20/09	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 aquifer	
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	5Q			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	

APPENDIX B
NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2007*
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	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	
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	5Q			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	

APPENDIX B
NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2007*
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
Swans Island	Island Aquaculture Company Inc.	W-008174	10/16/08	5Q			X			Salmon and cod aquaculture facility (Toothacher Cove site)	
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	
Taunton & Raynham Twp.	Brassua Hydro Limited Partnership	W-008054	12/16/08	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	

APPENDIX B
NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2007*
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
Veazie	PPL Maine LLC	W-002568	04/01/09	5R			X			Veazie Hydro Project; 60,550 GPD non-contact cooling water	
Waldoboro	Osram Sylvania	W-000714	10/03/11	5N		X	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	SNC, EL
Waterboro	Waterways, Inc.	W-008129	09/25/06	5S				X		Commercial car wash facility; 700 GPD wash water discharge	SNC
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	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	
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	

APPENDIX B
NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2007*
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
Wiscasset	FPLE Mason LLC	W-000599	11/04/08	5R		X	X			Mason Station generating facility; 111.0 MGD non-contact cooling water; 0.648 MGD ash hopper seal water; 0.03 MGD deaerator overflow water; 0.212 MGD treatment pond lagoon waste water; misc. roof and floor drain waters	
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	FPLE Wyman LLC	W-000634	09/03/08	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	220				18	21	185	8	32		EL=11; SNC=18

APPENDIX B
NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2007*
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
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* (Does not include FinFish Aquaculture facilities licensed under General Permit #MEG130000 – see Appendix C.)

APPENDIX B 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.
INSPECT.	Initials of assigned DEP plant inspector. {NOTE: See following page for more information.}
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
	5Q Fish rearing facility
	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

NOTES

1. The seventeen type 5J licenses break down as follows: nine are for seasonal discharges from commercial campgrounds/summer camps; four are for discharges from trailer parks; one is for a seasonal discharge from a ski area; two are for a seasonal discharge from a septage dewatering and composting facility; 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—A.E. Staley (type 5N); Cherryfield—Jasper Wyman (type 5P); Cherryfield—Cherryfield Foods (type 5P); Deblois—Jasper Wyman & Sons (type 5P); and Hancock—Hancock Foods (type 5P).
3. The following five licenses include approvals for thermal mixing zones: Baileyville—Domtar (type 5N); Biddeford—MERC (type 5R); Millinocket—Katahdin Paper (type 5N); Rumford—Mead Paper (type 5N); and Westbrook—SD Warren (type 5N).
4. The following eight licensed facilities are currently shut down and are not discharging: Baileyville—Louisiana Pacific Corp (type 5R); Caribou—WPS New England Generation (type 5R); Deblois—Connors Aquaculture (type 5Q); Embden—Atlantic Salmon of Maine (type 5Q); Machiasport—Atlantic Salmon of Maine (type 5P); Old Town—Georgia-Pacific (type 5N); Orrington—Holtrachem (type 5N); South Bristol—Thomas Massey (type 5P).
5. The following two licensed facilities are currently in operation but are not discharging: Lisbon—Maine Electronic (type 5S); and Standish—First Technology (type 5N).
6. The following two facilities are licensed for the discharge of treated groundwater from a groundwater remediation project: Waldoboro—Osram Sylvania (type 5N); and Lisbon—Maine Electronics (type 5S).
7. All land application discharges are seasonal, except for Mars Hill—Freshway (type 5P), which is licensed to discharge “snowfluent” during the winter.
8. In 2001, all eight fuel oil terminals/transfer facilities in South Portland were changed from major to minor status.
9. The Bath—Bath Iron Works (type 5R) license includes a snow dump discharge to tidewater.
10. The following two facilities are licensed as concentrated animal feeding operations (CAFOs): Dixmont—Country Acre Farm (type 5S); and Fort Fairfield—Pineland Farms Natural Meat Inc. (type 5S).

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 C
FINFISH AQUACULTURE FACILITIES APPROVED UNDER GENERAL PERMIT MEG130000
AS OF DECEMBER 31, 2007
SORTED BY LOCATION

	LICENSEE	LOCATION	LICENSE #	DATE APPROVED	COMMON NAME
1.	ATLANTIC SALMON OF MAINE LLC	CUTLER	W-008168	08/08/2003	CROSS ISLAND NORTH SITE
2.	STOLT SEA FARM MAINE INC.	EASTPORT	W-008171	07/28/2003	HARRIS COVE SITE
3.	HERITAGE SALMON INCORPORATED	EASTPORT	W-008195	11/25/2003	DEEP COVE SITE
4	BIRCH POINT FISHERIES	EASTPORT	W-008193	11/25/2003	BIRCH POINT SITE
5.	HERITAGE SALMON INCORPORATED	EASTPORT	W-008189	11/25/2003	SOUTH BAY SITE
6.	TREATS ISLAND FISHERIES INC.	EASTPORT	W-008175	12/23/2003	TREAT ISLAND SITES 1&2
7.	TREATS ISLAND FISHERIES INC.	EASTPORT	W-008176	02/18/2004	COMSTOCK COVE SITE
8.	ATLANTIC SALMON OF MAINE LLC	MACHIASPORT	W-008165	07/28/2003	STARBOARD ISLAND SITE
9.	ATLANTIC SALMON OF MAINE LLC	MACHIASPORT	W-008166	07/28/2003	STONE ISLAND SITE
10.	ATLANTIC SALMON OF MAINE LLC	MACHIASPORT	W-008180	10/16/2003	LIBBY ISLAND SITE
11.	ISLAND AQUACULTURE COMPANY INC.	SWANS ISLAND	W-008167	07/28/2003	SCRAG ISLAND SITE
12	MAINE COAST NORDIC	CUTLER	W-008228	10/14/2005	CUTLER WEST SITE

NUMBER OF FACILITIES = 12

NOTE: GENERAL PERMIT MEG130000 EXPIRES JUNE 19, 2008.

APPENDIX D

POINT SOURCE DISCHARGERS ON THE EXCEPTIONS LIST (EL) Calendar Year 2007

FACILITY	PARAMETER(S)	STATUS (EL)*
BRUNSWICK & TOPSHAM WATER DISTRICT	Total Suspended Solids ACTIONS: Last permit re-issuance changed the method of TSS sample point resulting in TSS violations (brine interference); pilot study performed by District offered recommendations ; informal resolution between DEP and District involves District applying for permit modification to change sample method to eliminate interference.	All 4 Quarters
BUXTON – MSAD #6	Biochemical Oxygen Demand ACTIONS: Compliance initiatives letter sent 3/26/07 to convene meeting with all parties involved in construction of new treatment system that has not worked properly; informal resolution and consequent treatment plant retrofits have brought facility back into compliance.	1, 2, & 3 rd Quarters
CARRABASSETT VALLEY	Application Rate ACTIONS: Minor over spray due to disagreement between inches/acre and gal/acre limits. Meter limit has been adjusted.	4 th Quarter
ELIOT – AUTOWASH INC	Diesel Range Organics, Gasoline Range Organics ACTIONS: Referred to enforcement; facility is installing treatment system which has been reviewed by DEP, and facility needs to fix failed inground system as well.	1, 2, 3 rd Quarters
GRAY – INLAND FISH & WILDLIFE DRY MILLS HATCHERY	Total Suspended Solids Flow ACTIONS: Ambient stream water quality contributing to TSS violations which facility has no control over; permit flow limit does not match actual flows through facility; permit modification necessary.	1 st Quarter 1 & 2 nd Quarter

POINT SOURCE DISCHARGERS ON THE EXCEPTIONS LIST (EL)
Calendar Year 2007

FACILITY	PARAMETER(S)	STATUS (EL)*
HARRISON – RODERICK DYER TREATED SEPTAGE	Nitrate ACTIONS: Permit error resulted in violation; nitrate violations occurred at sampling location before subsurface treatment; permit modification necessary	4 th Quarter
HERMON – HERMON CAR WASH	Diesel Range Organics & Gas Range Organics ACTIONS: Facility has installed multiple filters and is participating in DEP study of car wash treatment units.	2, 3, & 4 th Quarters
KENDUSKEAG – COUNTRY MOBILE HOME PARK	Low pH ACTIONS: Has a historical pH issue with the background well. Facility now has a new permit and the pH is now report only.	2 nd Quarter
NEW GLOUCESTER – INLAND FISH & WILDLIFE	Total Suspended Solids Flow ACTIONS: High flows exacerbated mass loadings; flow limit on permit not reflective of actual flows through facility; permit modification may be necessary.	2 rd Quarter 1 & 2 nd Quarters
ORONO	Total Suspended Solids ACTIONS: Last fall operators increased mixed liquor in anticipation of increased load from UMO. The load did not reach expected value so food/mass ratio out of proportion resulting in TSS violation. Facility adjusted F/M and came back into compliance.	3 & 4 th Quarters
PALERMO – INLAND FISH & WILDLIFE	Formalin ACTIONS: Formalin limit violations. Final resolution is pending determination of the Departmental approach to formalin compliance.	All 4 Quarters
PARIS UTILITY DISTRICT	Copper ACTIONS: Enforcement is working on this case; Consent agreement in draft stage.	1 st & 4 th Quarter

POINT SOURCE DISCHARGERS ON THE EXCEPTIONS LIST (EL)
Calendar Year 2007

FACILITY	PARAMETER(S)	STATUS (EL)*
PERRY – PASSAMAQUODDY WATER DISTRICT	Aluminum ACTIONS: All problems disappeared in late 2007 but likely due to sampling error. District working with engineers to adjust Alum Dose. Letter of Warning issued.	3 & 4th Quarters
WARREN – AQUA MAINE INC.	Flow ACTIONS: Flow monthly averages exceeded; needed to modify permit to account for production flows that were approximately twice the amount listed in the original license application. License has been modified.	3 & 4 th Quarters
WINDHAM – WINDHAM SCHOOL DEPARTMENT	Biochemical Oxygen Demand ACTIONS: Inspections done 4/3/07 & 10/3/07 with recommendations for process control changes and pretreatment investigation; Compliance Initiative Letter sent 3/8/07 recommending more monitoring; currently proposing technical assistance from DEP; operator has sent letter to licensing recommending CBOD limits.	1, 2, & 3 rd Quarters
WINDHAM – MAINE CORRECTIONAL FACILITY	Total Suspended Solids Total Suspended Solids % Removal Biochemical Oxygen Demand Biochemical Oxygen Demand % Removal Suspended Solids ACTIONS: Compliance Initiative Letter sent 4/9/07 regarding grease problem; Notice of Violation (NOV) sent 7/24/07 regarding late DMR, effluent violations; NOV sent 9/28/07 to DOC Commissioner recommending action on effluent violations; currently no effluent violations reported last two months; facility discharge slated for removal 2nd Qtr 2008 (routed through Little Falls wastewater conveyance to Westbrook).	4 th Quarter 4 th Quarter 3 & 4 th Quarters 3 & 4 th Quarters 3 & 4 th Quarters
WINTERPORT	Flow ACTIONS: Facility elected to accept as much flow as possible and to avoid bypasses. I&I removal according to CSO plan ongoing.	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 2007

FACILITY	PARAMETER(S)	STATUS (SNC)*
AUGUSTA – INLAND FISH & WILDLIFE	Biological Oxygen Demand	2 nd Quarter
	Total Suspended Solids	2 nd Quarter
	ACTIONS: Spectrum of issues including wildfowl at outlet of detention pond, local surface water run-in, and sampling technique. Individual circumstances have been addressed.	
CHERRYFIELD – JASPER WYMAN & SON	Biological Oxygen Demand	1 st Quarter
	ACTIONS: Facility has requested license modifications but is also planning to install buried piping to lagoon and possibly eliminated any discharge to receiving water.	
CARRABASSETT VALLEY	Application Rate	3rd Quarter
	ACTIONS: Minor over spray due to disagreement between inches/acre and gal/acre limits. Meter limit has been adjusted.	
CORINNA	Application Rate	3rd Quarter
	ACTIONS: There are problems with ponding on some of the spray sites so operator decreased spraying on these sites. Lagoon level increased and facility requested, and was given, enforcement discretion letter to increase spraying above license rate. District has submitted report identifying problem and proposed corrective action.	
ELLSWORTH	Suspended Solids	3 rd Quarter
	ACTIONS: Several Inflow and Infiltration (I&I) issues resulting in routine bypasses. Consent Agreement issued and City is designing new larger STP. I&I work ongoing.	
ENFIELD – INLAND FISH & WILDLIFE	Formalin	2 nd Quarter
	ACTIONS: Hatch house drain does not receive treatment and is not part of the overall flow. Low flow results in formalin concentration violation. DEP currently evaluating formalin limit.	
FORT FAIRFIELD – TRI-COMMUNITY RECYCLING & SANITARY LANDFILL	Biological Oxygen Demand	3rd Quarter
	ACTIONS: Client is proposing a licensing modification to assist in resolving these issues in the future.	

APPENDIX E

POINT SOURCE DISCHARGERS IN SIGNIFICANT NON-COMPLIANCE (SNC) Calendar Year 2007

FACILITY	PARAMETER(S)	STATUS (SNC)*
GRAY – INLAND FISH & WILDLIFE	Phosphorus ACTIONS: Compliance Initiative Letter sent 11/6/07; facility reported they think the phosphorus violation was due to ducks on settling ponds.	3rd Quarter
HARRISON – RODERICK DYER	Nitrate ACTIONS: Permit error resulted in violation; nitrate violations occurred at sampling location before subsurface treatment; permit modification necessary	3 rd Quarter
HERMON – HERMON CAR WASH	Diesel Range Organics & Gas Range Organics ACTIONS: Facility has installed multiple filters and is participating in DEP study of car wash treatment units.	1 st Quarter
KENDUSKEAG – COUNTRY MOBILE HOME PARK	Low pH ACTIONS : Has historical pH issues with back ground well. Facility has a new permit and the pH is now report only.	1 st Quarter
LIMERICK	Biochemical Oxygen Demand ACTIONS: No known reason reported, possibly old sludge, aeration dead spots, seasonal turnover, algae growth; Compliance Initiative Letter sent 8/6/07; DEP technical assistance recommendations provided 10/29/07.	1 st Quarter
LIMESTONE	Arsenic ACTIONS: Facility is proposing to remove discharge from the stream.	1 st Quarter
MAPLETON	Application Rate ACTIONS: Performed groundwater study and have proposed a license amendment for new application rate	3 rd Quarter

APPENDIX E

POINT SOURCE DISCHARGERS IN SIGNIFICANT NON-COMPLIANCE (SNC) Calendar Year 2007

FACILITY	PARAMETER(S)	STATUS (SNC)*
MT. DESERT – SEAL HARBOR	Suspended Solids ACTIONS: Violation caused by self cleaning mechanism on new UV system. Operator believes he collected sample just after unit self cleaned. Self cleaning frequency increased and eliminated further violations.	3 rd Quarter
MT. DESERT - SOMESVILLE	Suspended Solids ACTIONS: Attributed to blockage in line between clarifier and chlorine contact tank. Line has been cleaned with no further problems.	3 rd Quarter
NEW GLOUCESTER – INLAND FISH & WILDLIFE	Total Suspended Solids ACTIONS: High flows exacerbated mass loadings; flow limit on permit not reflective of actual flows through facility; permit modification may be necessary.	1 st Quarter
ORLAND – CRAIG BROOK NATIONAL FISH HATCHERY	Formalin ACTIONS: Egg treatment discharge over limit. Formalin limits under review.	1 st Quarter
ORONO – ORONO VEAZIE WATER DISTRICT	Low pH Potassium Permanganate Total Suspended Solids ACTIONS: pH violations in early 2007 attributed to adjustments made in process. TSS problems caused by ineffectiveness of filtering process. No approved testing process of Permanganate test.	1&2 nd Quarter 1 st Quarter 2 nd Quarter
ORRINGTON – HOLTRACHEM	High pH & Low pH ACTIONS: Facility under order to dismantle. No industrial processing. This is a remediation site. pH neutralization ongoing.	3 rd Quarter

APPENDIX E

POINT SOURCE DISCHARGERS IN SIGNIFICANT NON-COMPLIANCE (SNC) Calendar Year 2007

FACILITY	PARAMETER(S)	STATUS (SNC)*
PARIS UTILITIES DISTRICT	Copper ACTIONS: referred to enforcement; consent agreement in draft stages.	1 st & 4 th Quarters
PERRY – PASSAMAQUODDY WATER DISTRICT	Aluminum ACTIONS: All problems disappeared in late 2007 but likely due to sampling error. District working with engineers to adjust Alum dose. Letter of Warning issued.	2 nd Quarter
PRESQUE ISLE	Total Residual Chlorine ACTIONS: A dechlorination system was installed to resolve this issue.	2 nd Quarter
ROCKLAND	Cyanide ACTIONS: Sporadic total cyanide hits. POTW has investigated collection system & found no upstream sources; they're currently doing a Toxicity Reduction Evaluation, & suspect in-process & sample preservation as generating measurable results. New permit specifies free cyanide, which may eliminate the in-process & sampling concerns.	1 st Quarter
SANFORD – PINE TREE TROUT FISH HATCHERY	Flow ACTIONS: Permit flow limit not reflective of actual flows; permit modification changed flow limit to "Report".	2 nd Quarter
SCARBOROUGH – BAYLEY'S QUALITY SEAFOOD	Oil & Grease ACTIONS: Violation reported to be sampling error by facility; monitored by inspector; inspector reports great progress made by facility in reporting and sampling.	1 st Quarter

APPENDIX E

POINT SOURCE DISCHARGERS IN SIGNIFICANT NON-COMPLIANCE (SNC) Calendar Year 2007

FACILITY	PARAMETER(S)	STATUS (SNC)*
ST. GEORGE – MARSHALL POINT SEA FARM LLC	Total Suspended Solids ACTIONS: Permit was modified by the end of the year to include new TSS. Limits are so low on this marine discharge that sampling results may fall below the practical quantitation level of the method.	3 rd Quarter
WARREN – AQUA MAINE INC.	FLOW ACTIONS: Flow monthly averages exceeded; needed to modify permit to account for production flows that were approximately twice the amount listed in the original license application. License has been modified.	2 nd Quarter
WATERBORO – WATERWAYS INC.	Chlorine ACTIONS: This permittee has proposed to remove the discharge in favor of a more efficient recycling system and trucking of waste to a licensed facility. Chloride violations are allegedly due to sampling contamination according to the consultant.	1 st Quarter
WINDHAM – WINDHAM SCHOOL DEPARTMENT	Total Suspended Solids % Removal E Coli ACTIONS: Inspections done 4/3/07 & 10/3/07 with recommendations for process control changes and pretreatment investigation; Compliance Initiatives Letter sent 3/8/07 recommending more monitoring; currently proposing technical assistance from DEP; operator has sent letter to licensing recommending CBOD limits.	3 rd Quarter 3 rd Quarter

APPENDIX E

POINT SOURCE DISCHARGERS IN SIGNIFICANT NON-COMPLIANCE (SNC) Calendar Year 2007

FACILITY	PARAMETER(S)	STATUS (SNC)*
WINDHAM – MAINE CORRECTIONAL FACILITY	Total Suspended Solids	3 rd Quarter
	Total Suspended Solids % Removal	3 rd Quarter
	Biochemical Oxygen Demand	2 nd Quarter
	Biochemical Oxygen Demand % Removal	2 nd Quarter
	Suspended Solids	2 nd Quarter
	ACTIONS: Compliance Initiatives Letter sent 4/9/07 regarding grease problem; Notice of Violation (NOV) sent 7/24/07 regarding late DMR, effluent violations; NOV sent 9/28/07 to DOC Commissioner recommending action on effluent violations; currently, no effluent violations reported last two months; facility discharge slated for removal 2nd Qtr 2008 (routed through Little Falls wastewater conveyance to Westbrook).	

* 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 2007:

PROJECT	PROJECT AMOUNT
AUGUSTA SANITARY DISTRICT: SEWER REHABILITATION OF WHITNEY BROOK SEWER	\$1,250,000
CITY OF BANGOR: SEWER SEPARATION,CSO TANK REPAIR AND PUMP STATION UPGRADE	\$2,000,000
TOWN OF BUCKSPORT: CSO TREATMENT FACILITY	\$2,240,000
TOWN OF CAMDEN: TREATMENT PLANT UPGRADE	\$885,000
TOWN OF FALMOUTH: TREATMENT PLANT UPGRADE	\$6,480,000
TOWN OF HARTFORD: REFINANCE OF EXISTING LOAN FOR CONSTRUCTION OF A SAND/SALT SHED	\$220,000
TOWN OF MACHIAS: CSO REDUCTION THROUGH SEWER REHABILITATION	\$572,100
MAINE FOREST SERVICE: FUNDS FOR MAINE FORESTRY DIRECT LINK PROGRAM TO ADDRESS NON-POINT SOURCE POLLUTION FROM TIMBER HARVESTING.	\$3,000,000
NORTH BERWICK SANITARY DISTRICT: LAGOON SLUDGE REMOVAL AND AERATION REPLACEMENT	\$362,100
PORTLAND WATER DISTRICT: WESTBROOK PLANT UPGRADE (INCREASE TO PRIOR COMMITMENT)	\$34,000
PORTLAND WATER DISTRICT: CUMBERLAND-TUTTLE ROAD SEWER EXTENSION	\$125,000
SANFORD SEWERAGE DISTRICT: PHASE 2 TREATMENT PLANT UPGRADE	\$2,157,208
WINTERPORT SEWERAGE DISTRICT: SEWER REHABILITATION	\$130,000
TOWN OF YARMOUTH: TWO OUTFALL REPLACEMENT, SEWER SEPARATION AND PUMP STATION UPGRADE	\$1,532,282
TOTAL	\$20,987,690

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 2008. These needs are determined from engineering studies and capital improvement plans for municipalities and districts.

MAINE WASTEWATER FACILITIES NEEDS			
JANUARY 2008			
MUNICIPALITY OR DISTRICT	PROPOSED PROJECT	COSTS NEXT FIVE YEARS	TOTAL COSTS
ASHLAND	SEWER EXTENSION	\$300,030	\$300,030
AUBURN S.D.	CSO SEWERS	\$6,673,223	\$6,673,223
AUGUSTA S.D.	CSO SEWERS	\$13,332,911	\$18,460,953
AUGUSTA S.D.	VA TOGUS	\$4,200,000	\$4,200,000
AUGUSTA S.D.	WINTHROP ST SEWER SEPARATION	\$400,000	\$400,000
AUGUSTA S.D.	CAPITAL ST. (TRUNKLINE)	\$2,100,000	\$2,100,000
AUGUSTA S.D.	CSO PHASE 3	\$13,000,000	\$13,000,000
BANGOR	CSO SEWER WORK	\$2,095,312	\$2,095,312
BAR HARBOR	CSO SEWER WORK	\$1,128,885	\$7,902,195
BATH	CSO SEWER WORK	\$1,585,677	\$3,100,201
BELFAST	CSO SEWER WORK	\$1,026,650	\$1,026,650
BERWICK	PUMP STATION UPGRADE/FOREMAN	\$500,000	\$500,000
BETHEL	TMDL STUDY TO BE DONE	\$0	\$0
BIDDEFORD	CSO SEWER WORK	\$6,546,190	\$15,634,484
BINGHAM	SEWER REHAB	\$1,469,637	\$1,469,637
BREWER	CSO SEWER WORK	\$1,539,975	\$1,539,975
CALAIS	WWTP UPGRADE	\$4,823,851	\$6,532,298
CALAIS	CSO SEWER WORK	\$0	\$5,959,466
CAPE ELIZABETH	CSO SEWER WORK	\$0	\$0
CARMEL	WWTF & SEWERS	\$1,212,894	\$1,212,894
DOVER-FOXCROFT	TMDL STUDY TO BE DONE	\$0	\$0
DOVER-FOXCROFT	SEWER REPLACEMENT	\$1,699,580	\$1,699,580
EAGLE LAKE	ADDITION OF OFFICES AND STORAGE	\$106,968	\$106,968
ELLSWORTH	NEW TREATMENT PLANT&OUTFALL	\$15,399,048	\$15,399,048
FARMINGTON	TMDL STUDY TO BE DONE	\$0	\$0
HALLOWELL W.D.	CSO SEWER WORK	\$76,999	\$76,999
HAMPDEN	CSO SEWER WORK	\$0	\$540,890
HOULTON	WWTP UPGRADE	\$7,200,712	\$7,200,712
HOULTON	SEWER REHAB AND NEW PS	\$0	\$0

APPENDIX G

POTW PROJECTED UPGRADE NEEDS

JONESPORT	WWTF & SEWERS	\$9,676,027	\$9,676,027
K.S.T.D.	CSO SEWER WORK	\$128,331	\$4,045,000
KENNEBUNK	TMDL STUDY TO BE DONE	\$0	\$0
KENNEBUNK	WWTP UPGRADE (PHASE II)	\$7,392,950	\$7,392,950
KENNEBUNKPORT	INFLUENT PS AND INFLUENT SCREENS	\$404,763	\$404,763
LAWPCA	WWTF UPGRADE	\$4,498,888	\$14,196,490
LEWISTON	CSO SEWER WORK	\$9,753,173	\$14,270,431
LIMESTONE	LORING/LIMESTONE TO AROOS.	\$25,601,935	\$25,601,935
LINCOLN S.D.	WWTF UPGRADES	\$2,000,000	\$2,000,000
LINCOLNVILLE	BEACH & CENTER WW FACILITIES	\$8,483,090	\$8,483,090
LIVERMORE FALLS	TMDL STUDY TO BE DONE	\$0	\$0
LIVERMORE FALLS	SEWER REHABILITATION	\$433,738	\$433,738
	WWTF UPGRADE & CSO SEWER		
MACHIAS	Work	\$1,533,940	\$1,533,940
MADAWASKA	CSO SEWER WORK	\$2,142,311	\$2,142,311
MECHANIC FALLS			
S.D.	CSO SEWER WORK	\$1,026,650	\$1,026,650
MILBRIDGE	WWTF UPGRADE	\$2,038,040	\$2,038,040
MILLINOCKET	I/I REMOVAL	\$1,499,629	\$1,499,629
MILO W.D.	CSO SEWER WORK	\$410,660	\$410,660
MT. DESERT	WWTF UPGRADE/SOMESVILLE	\$6,125,000	\$6,125,000
MT. DESERT	NE HARBOR - CLARIFIER & SLUDGE	\$0	\$2,600,000
NEWPORT	TMDL STUDY TO BE DONE	\$0	\$0
NEWPORT SD	I/I REMOVAL	\$222,627	\$2,095,312
NORTH HAVEN	I/I REMOVAL	\$666,646	\$666,646
NORTH JAY	TMDL STUDY TO BE DONE	\$0	\$0
NORTHPORT	UPGRADE PLANT & EXTEND OUTFALL	\$3,376,461	\$3,376,461
OAKLAND	NEW OR UPGRADE PLANT	\$3,798,604	\$3,798,604
OGUNQUIT	PS UPGRADE	\$1,233,657	\$1,233,657
OLD ORCHARD	SEVEN PS UPGRADES	\$6,336,815	\$6,336,815
OLD TOWN	CSO SEWER WORK	\$2,112,272	\$2,112,272
PARIS U.D.	WWTF UPGRADE	\$12,248,958	\$19,243,523
PARIS U.D.	CSO SEWER WORK	\$256,662	\$256,662
PASS. IND. TWSHP.	WWTF UPGRADE & SEWER	\$2,112,272	\$2,112,272
PATTEN	SEWER EXT. TO PROTECT WELL	\$300,030	\$300,030
PORTLAND, CITY OF	CSO SEWER WORK	\$57,107,059	\$60,407,467
PORTLAND, CITY OF	CSO SEWER WORK TIER 3	\$0	\$28,947,269
PORTLAND W.D.	WWTF UPGRADE-PORTLAND	\$0	\$1,615,586
PORTLAND W.D.	WWTF UPGRADE-WESTBROOK	\$0	\$2,705,043
PORTLAND W.D.	PS UPGRADES - CAPE ELIZ.	\$1,325,360	\$1,325,360
RANDOLPH	CSO SEWER WORK	\$102,665	\$102,665
RANDOLPH	PUMP STATION UPGRADE	\$1,106,153	\$1,106,153
RUMFORD	TMDL STUDY TO BE DONE	\$0	\$0
SABATTUS	TMDL STUDY TO BE DONE	\$0	\$0
SACO	SEWER EXTENSION RT. 1	\$4,224,543	\$4,224,543

APPENDIX G

POTW PROJECTED UPGRADE NEEDS

SACO	CSO SEWER WORK	\$544,124	\$544,124
SANFORD S.D.	CSO SEWER WORK	\$461,992	\$461,992
SINCLAIR SD	SEWER EXTENSION	\$914,813	\$914,813
SOUTH PORTLAND	CSO SEWER WORK,PS,WWTF	\$4,646,997	\$4,646,997
STOCKTON SPRINGS	SEWER EXTENSION	\$9,213,261	\$9,213,261
TOPSHAM	SEWER REHAB	\$1,500,000	\$1,500,000
VASSALBORO	TMDL STUDY TO BE DONE	\$0	\$0
WASHBURN	WWTF UPGRADE & SEWER EXT	\$622,116	\$622,116
WESTBROOK	CSO SEWER WORK	\$262,250	\$262,250
WINDHAM, NORTH	NEW SEWER SYS & PLANT	\$0	\$31,478,838
WINSLOW	CSO SEWER WORK	\$41,066	\$41,066
WINTERPORT S.D.	CSO SEWER WORK	\$1,539,975	\$1,539,975
	WWTF UPGRADE TO SECONDARY		
WINTERPORT S.D.	TREATMENT	\$7,498,146	\$7,498,146
WINTHROP S. D.	SEWER REPLACEMENT 300' PER YEAR	\$240,024	\$240,024
YARMOUTH	TMDL STUDY TO BE DONE	\$0	\$0
YORK S.D.	Rt 103 LIFT STATION	\$1,000,000	\$1,000,000
TOTAL		\$293,583,212	\$421,942,110

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

MAINE CSO COMMUNITY FLOW DATA

Numbers in blue are estimated from LTCP/MP or other source.

APPENDIX I

MAINE CSO COMMUNITY ANNUAL NUMBER OF CSO DISCHARGE EVENTS

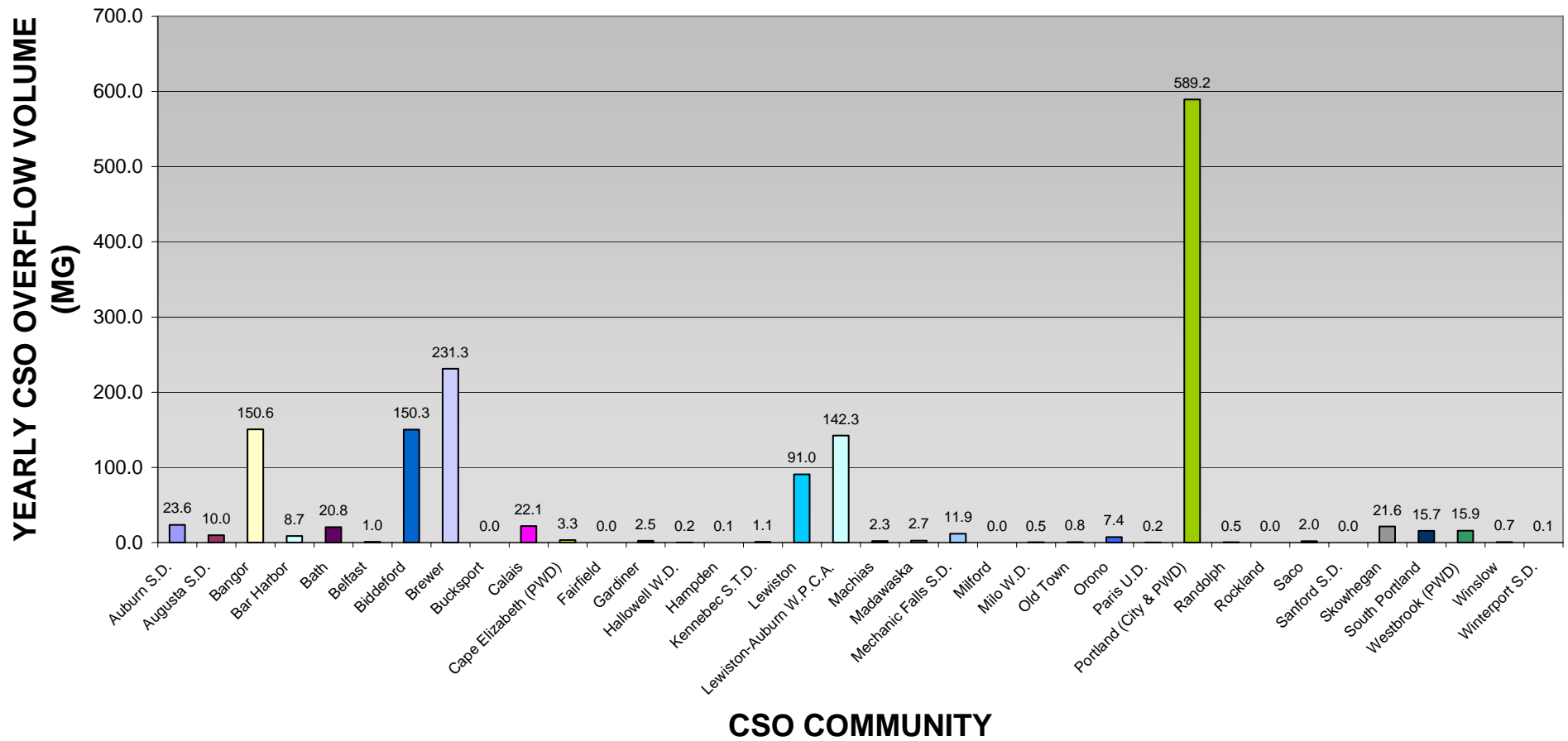
		Annual Number of CSO Discharge Events																					
No longer a CSO Community																							
Community	NPDES Permit No.	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	Year	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Auburn S.D.	ME0100005	80	80	80	80	80	80	21	21	10	10	7	7	7	7	44	67	62	24	58	37	42	
Augusta S.D.	ME0100013	80	80	80	80	80	80	80	80	80	80	39	79	59	73	25	58	70	58	73	50	29	
Bangor	ME0100781	53	53	53	53	52	37	46	49	49	41	38	44	33	37	20	40	49	42	46	58	25	
Bar Harbor	ME0101214 & ME0102466	155	155	155	155	155	155	155	155	155	155	154	47	98	44	7	21	16	5	22	18	10	
Bath	ME0100021	64	64	64	64	64	64	64	64	64	64	64	30	37	21	10	25	23	20	33	32	25	
Belfast	ME0101532	7	7	7	7	7	7	7	7	7	7	7	5	7	1	0	0	0	0	5	3	5	
Biddeford	ME0100048	180	180	180	180	180	180	180	180	180	180	94	147	162	184	140	150	93	61	104	82	70	
Brewer	ME0100072	95	95	95	95	95	95	66	66	66	66	22	92	95	80	53	72	66	72	78	45	38	
Bucksport	ME0100111	53	53	53	53	53	53	53	53	53	53	53	10	17	10	32	24	25	8	24	18	2	
Calais	ME0100129	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.	ME0100153	30	30	30	30	30	30	30	30	30	30	15	16	26	23	19	1	1	0				
Dover-Foxcroft	ME0100501	8	8	8	8	8	2	8	6	1	4	0	3	0	1	0	0	0	0	2	0		
East Millinocket	ME0100196	11	11	11	11	11	11	11	11	11	11	11	11	11	0	0	0	0	0	0	0		
Fairfield	ME0102393	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.	ME0102369	10	10	10	10	10	10	10	10	10	10	10	10	10	0	2	0	0	2	1			
Gardiner	ME0101702	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	4	0	5	7	9	3	1	
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	41	28	25	23	35	49	44	29	
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				
Livermore 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	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	ME0100471	25	25	25	25	25	25	25	25	25	25	25	3	5	4	0	5	7	1	13	1	4	
Orono	ME0100498	30	30	28	29	19	12	25	27	18	37	3	7	12	4	0	1	2	0	12	3	6	
Paris U.D.	ME 0100951	5	5	5	5	5	5	5	5	5	5	0	1	0	1	0	0	1	0	2	2	2	
Portland & PWD	City-ME0101435 / PWD-ME0102075	100	100	100	100	100	100	100	100	100	100	61	102	81	83	58	141	71	86	88	93	58	
Presque Isle	ME0100561	26	26	26	26	26	26	26	26	26	26	17	26	12	14	4							
Randolph	ME0102423	23	23	23	23	23	23	23	23	23	23	23	23	23	23	19	3	2	0	8	3	1	
Rockland	ME0100595	23	23	23	23	23	23	23	23	23	23	12	23	18	8	5	11	6	2	0	0	0	
Saco	ME 0101117	40	40	40	40	40	40	40	40	40	44	36	33	39	44	22	36	22	32	41	24	12	
Sanford S.D.	ME0100617	10	10	10	10	10	10	10	10	10	10	10	10	3	1	0	0	0	0	0	1	0	
Skowhegan	ME0100625	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	ME0100633	23	23	23	23	23	23	23	23	23	23	21	23	23	23	15	12	11	10	10	20	20	5
Unity	ME0101150																						
Westbrook (PWD)	ME0100846	34	34	34	34	34	34	34	34	34	34	34	30	19	16	15	33	7	13	17	31	55	
Winslow	ME0102628	20	20	20	20	20	20	20	20	20	20	10	10	1	0	0	0	0	0	1	0	3	
Winterport S.D.	ME0100749	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	8	1	2	0	1	
Yarmouth	ME0100765	4	4	4	4	4	4	4	4	4	4	0	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/MIP or other source.																							

Numbers in blue are estimated from LTCP/MP or other source.

APPENDIX J



2007 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.

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

2003

Staff of Milo Water District
Dover-Foxcroft Wastewater Treatment Facility
Ron Bakala - Stonington