

Status of Licensed Discharges and Combined Sewer Overflow Abatement Program

**Report to the 123rd Maine Legislature's
Joint Standing Committee on Natural Resources
Senator John L. Martin, Chair
Representative Theodore S. Koffman, Chair**

Prepared by the:

**Maine Department of Environmental Protection
Bureau of Land and Water Quality**

April, 2007



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, enforcement status, and the construction and financial needs of Publicly Owned Treatment Works (POTWs).

Licensed discharges include sources such as Publicly Owned Treatment Works (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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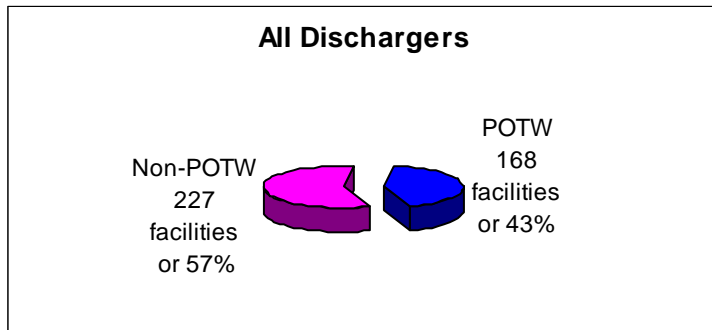
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Summary of Point Source Discharges by Type

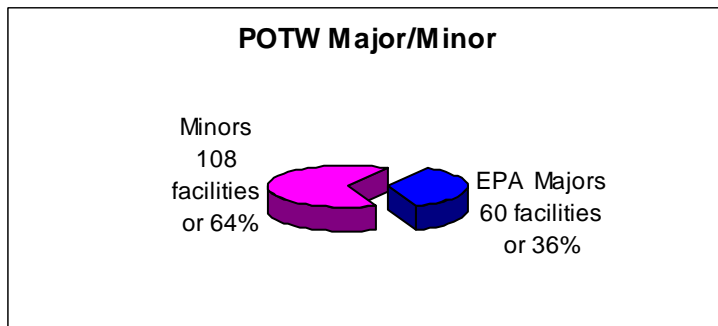
As of December 31, 2006, there were 395 licensed point source discharges in the State of Maine. Of these 395, 12 are aquaculture facilities covered under a single general permit.

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

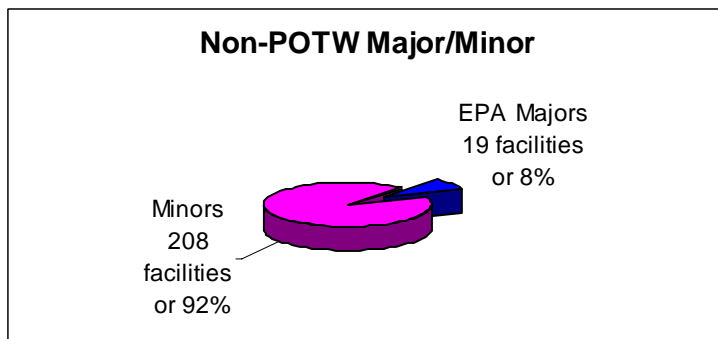
In addition, Appendices A, B, and C list all of the discharges by category and location and provide other select information about the dischargers.



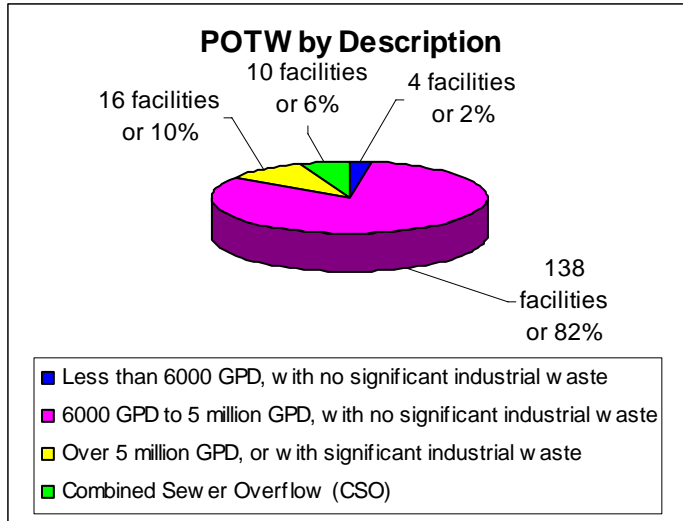
Dischargers are categorized as Publicly Owned Treatment Works (POTWs) or Non POTWs. POTWs are municipal or quasimunicipal wastewater treatment facilities that treat residential, commercial and industrial wastewater. Non POTWs comprise a variety of municipal, commercial, or industrial dischargers as indicated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



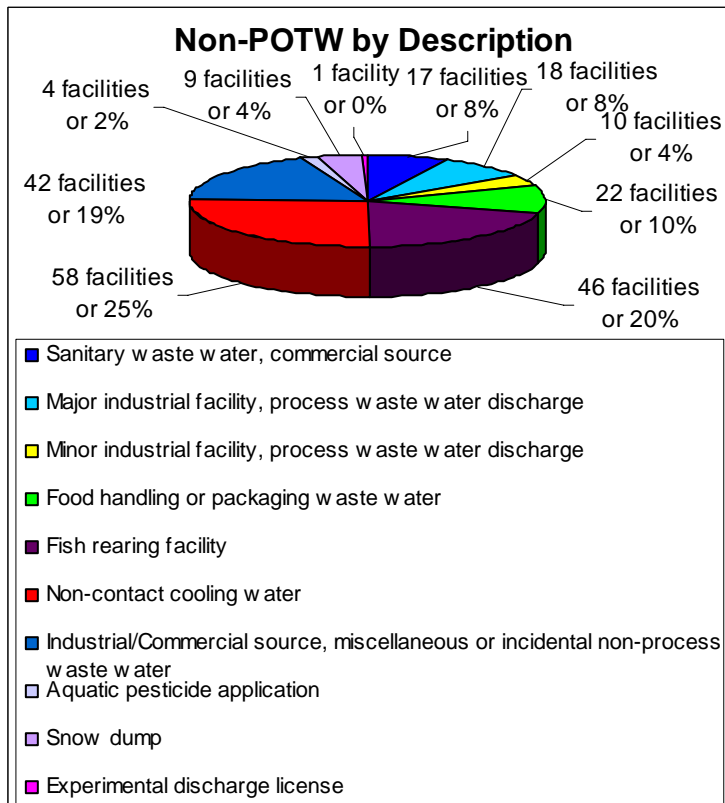
Dischargers are further categorized as Major or Minor. Major POTW dischargers are those facilities with design flows greater than one million gallons per day and facilities with approved industrial pretreatment programs. Major Non POTW dischargers are determined by rating criteria developed by the Environmental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



Summary of Point Source Discharges by Type

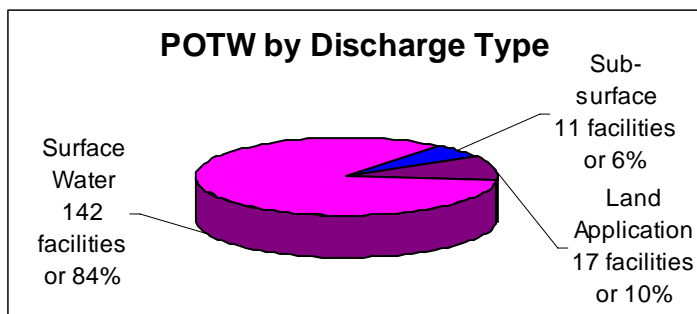


The size of POTWs varies greatly. The smallest POTW has a licensed flow of 2,000 gallons per day. The largest POTW has a licensed flow of 19.8 million gallons per day.

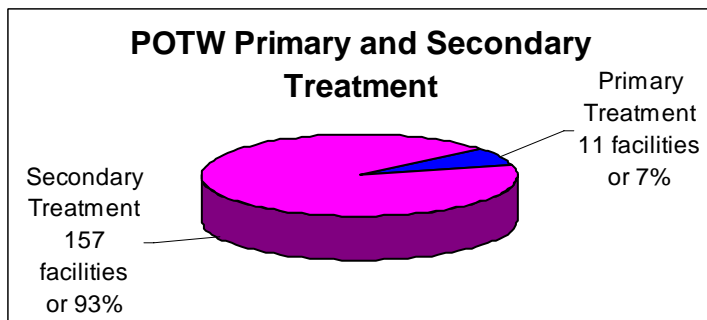
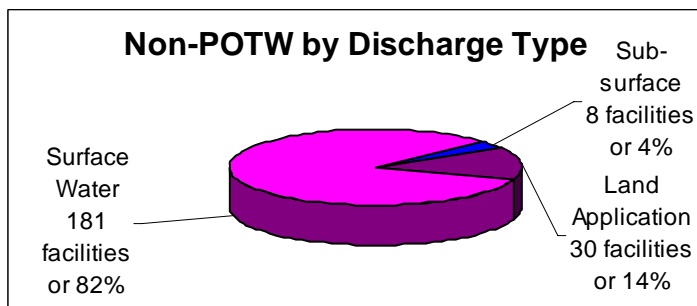


The type of Non-POTW dischargers varies greatly, from the largest paper mill that has a licensed flow of 51 million gallons per day to snow dumps.

Summary of Point Source Discharges by Type

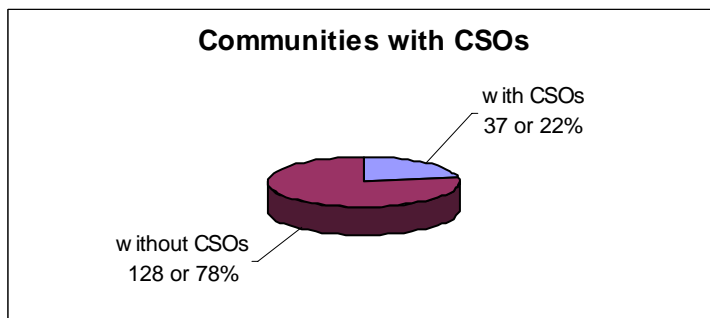
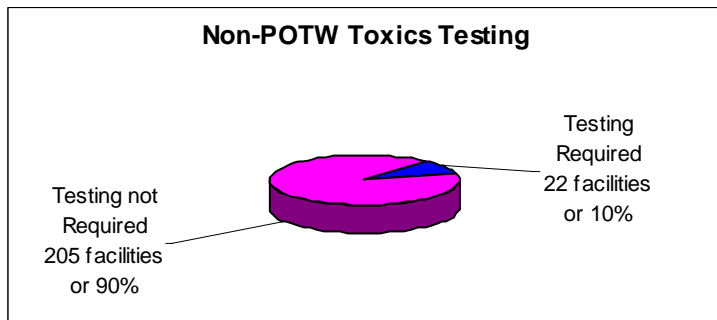
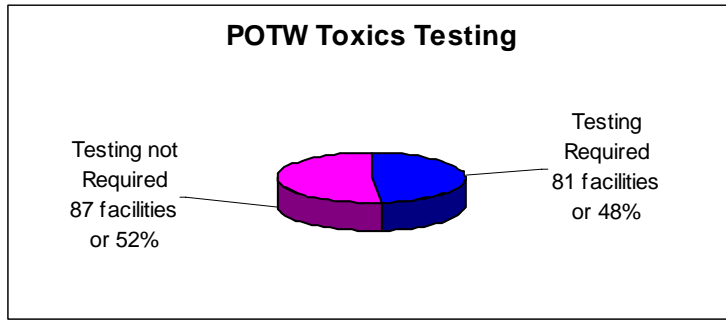


The majority of discharges are to surface waters. However, some facilities discharge via spray irrigation to land, or to subsurface systems. 2 facilities discharge in more than one way.



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 10 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

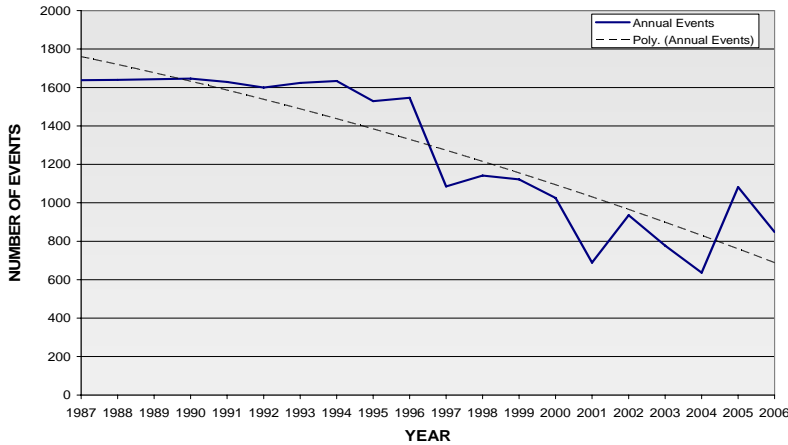


Federal and state law prohibits the discharge of toxic substances in toxic amounts. Department Regulations Chapters 530 and 584 specify water quality criteria for toxic substances and the requirements to control the level of toxic substances in surface waters.

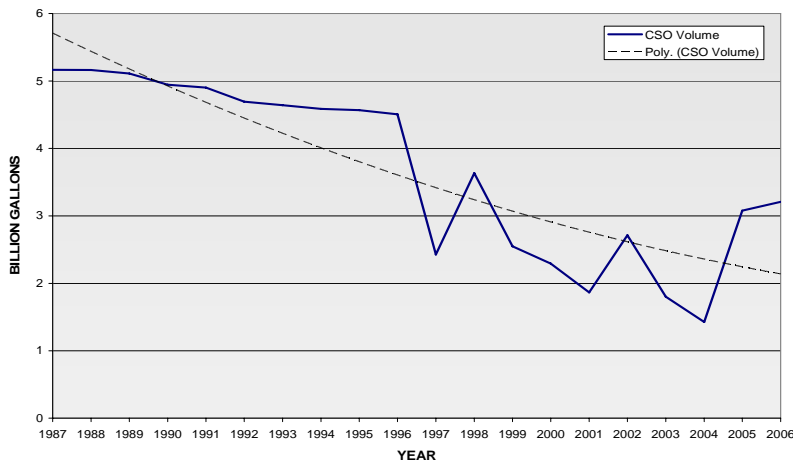
Some communities have Combined Sewer Overflows (CSOs). CSOs occur during storm events when a mixture of wastewater and stormwater runoff overflows a combined sewer collection system (a system that collects sanitary wastewater and stormwater in a single pipe) before receiving treatment at a POTW. Communities that have CSOs are required to license them with the DEP, evaluate their CSO problems, and determine cost effective solutions to abate them. A list of CSO communities and number of individual CSO points in each community is included in Appendix F. As indicated on the following page progress is being made in the abatement of CSOs. (This chart includes the 10 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

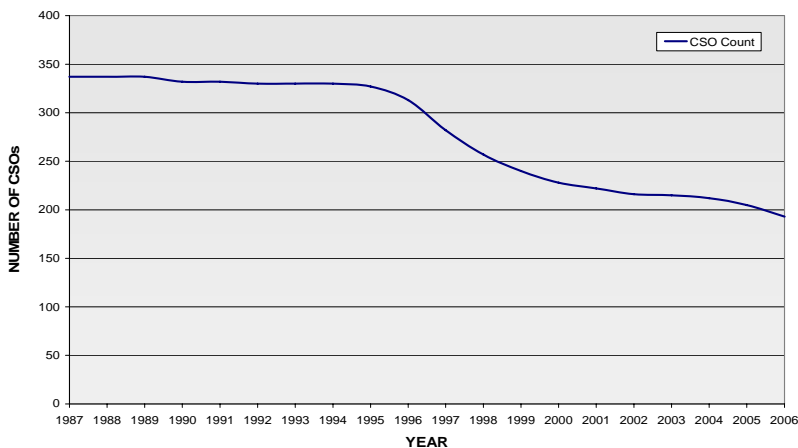
**MAINE - STATEWIDE
COMBINED SEWER OVERFLOW (CSO)
NUMBER OF ANNUAL DISCHARGE EVENTS**



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



**MAINE - STATEWIDE
COMBINED SEWER OVERFLOW (CSO)
COUNT**



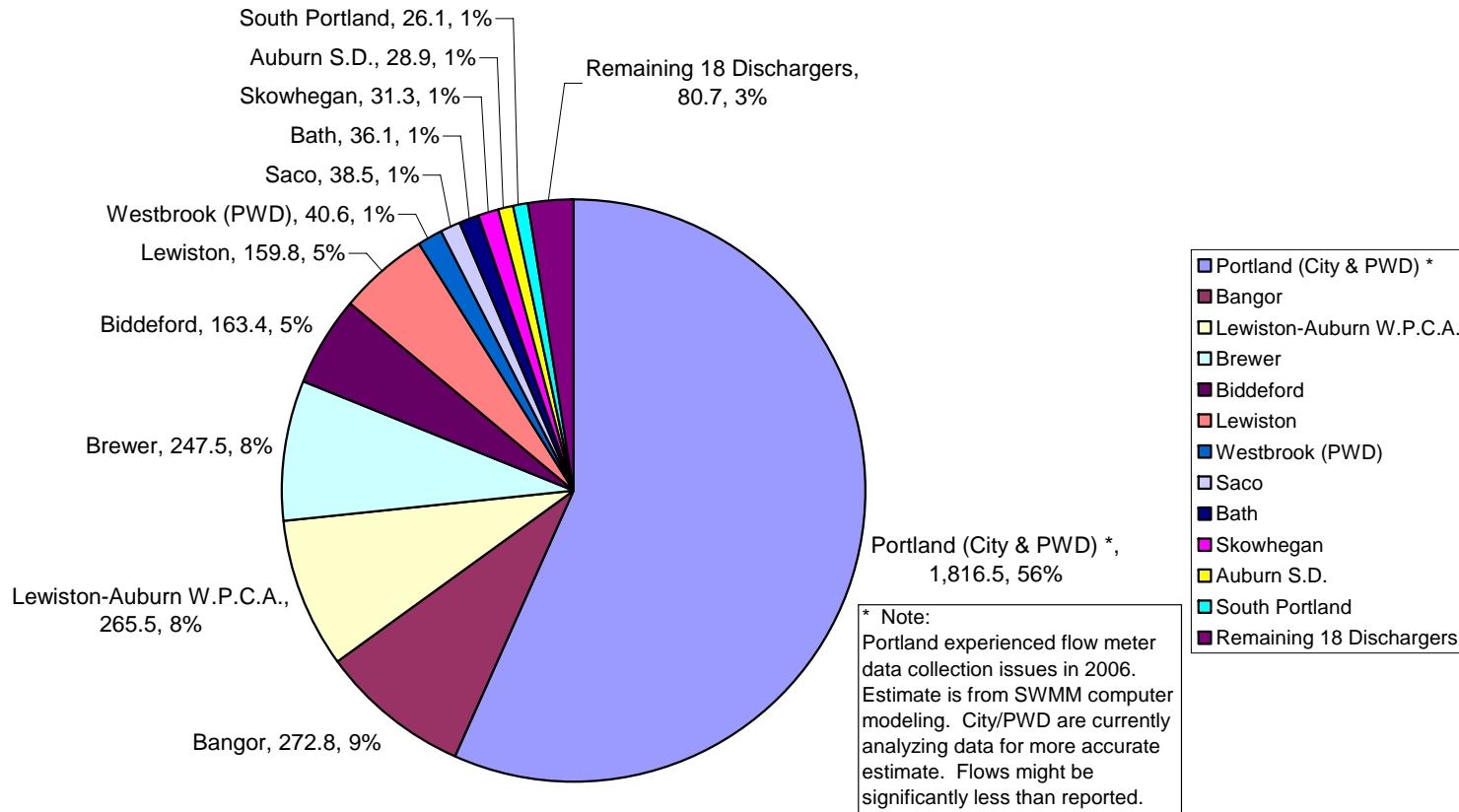
Significant progress has been made in reducing the number of CSO discharge events, the volume of CSOs and the number of CSO points. However, CSO discharge events and volume discharged are heavily influenced by variations in precipitation amount, intensity and timing, and the rate of snowmelt. It is noted that number of CSO events and the CSO volume spiked upwards in 2005 and 2006 due to record setting rainfall, particularly along the coast where the larger CSO Communities are.

In 2006 the number of CSO Communities was reduced to 37, as two (2) CSO Communities completed their abatement plans and were removed from the list. In addition, seven (7) other communities reported eliminating eight (8) individual CSO outfall pipes, bringing the statewide total down to 193.

In 2006 the City of Portland and Portland Water District experienced flow data integrity issues that are being investigated (please see note in following chart). This might have resulted in excessive overflow volumes being reported for Portland and subsequently the State.

Summary of Point Source Discharges by Type

2006 CSO FLOW COMPARISON 37 CSO COMMUNITIES 30 DISCHARGERS - 3.21 BILLION GALLONS



Discharger, Overflow in Millions of 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 Department of Environmental Protection (Department) 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 Environmental Protection Agency (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. EPA will retain the authority for the NPDES permits for these facilities. With this limited exception, the Department is now the primary authority for administering the Clean Water Act in Maine.

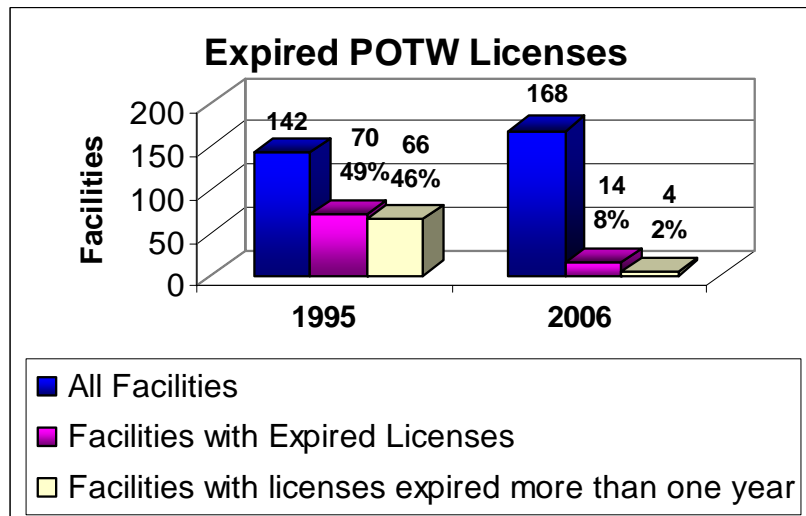
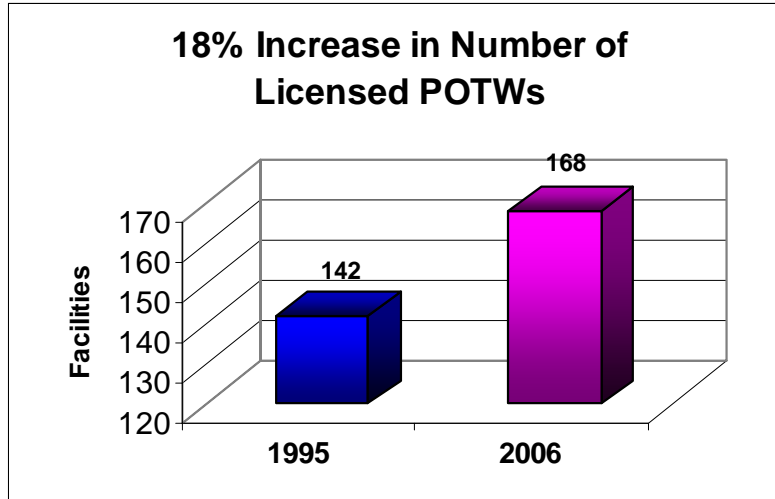
Due to historic understaffing in the Department’s waste discharge licensing program, a backlog of expired license applications developed in the 1990’s resulting in numerous dischargers operating under expired discharge licenses. As part of the NPDES delegation process, licensing staff was increased and an aggressive schedule was established to reduce the expired license backlog to no more than 5%. In calendar year 2004, the Department achieved this 5% goal and had 95% of all licensed facilities operating with current licenses. This status has essentially been maintained through calendar year 2006.

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.

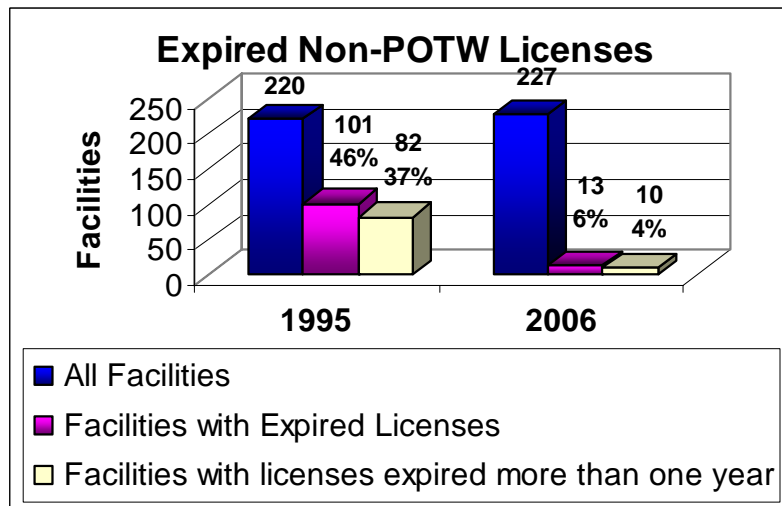
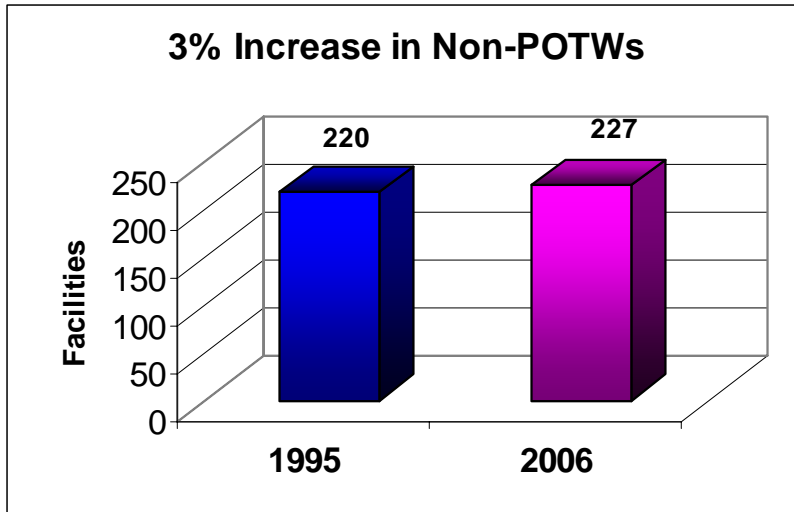
Licensing Status of Point Source Discharges

The following 3 charts indicate changes in the number of licensed POTWs and their licensing status in 1995 and 2006.



Licensing Status of Point Source Discharges

The following 3 charts indicate changes in the number of licensed Non POTWs and their licensing status in 1995 and 2006.



Compliance Status of Point Source Dischargers

The Department 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 Department on a monthly basis in Discharge Monitoring Reports (DMRs).

The Department 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 2006. 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.

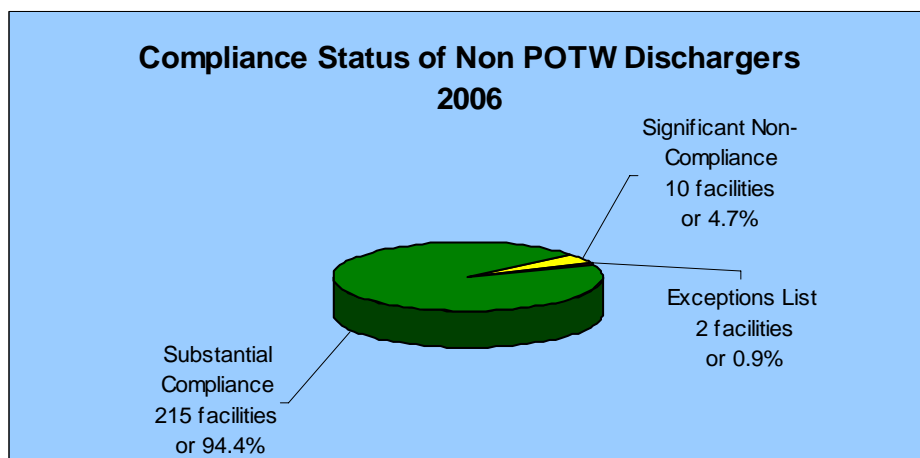
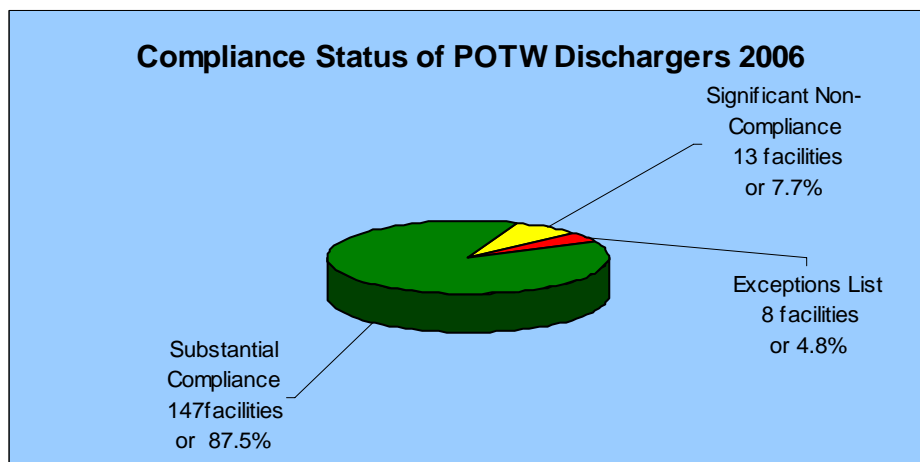
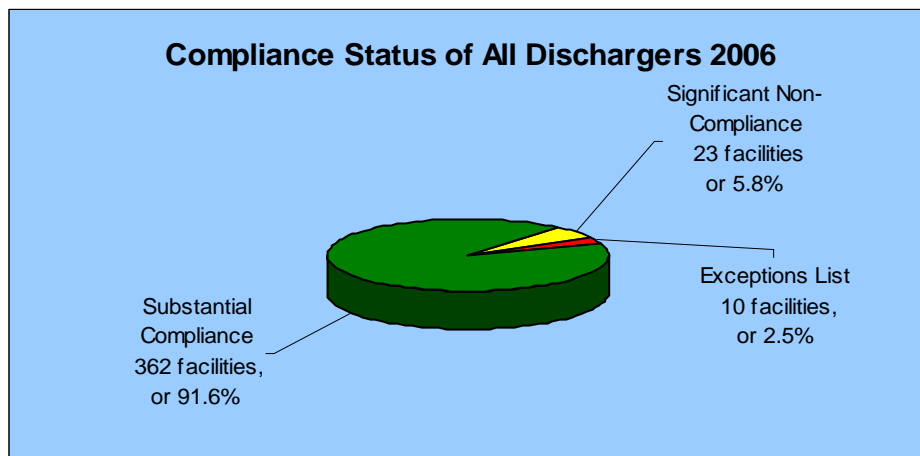
SNC and EL are compliance status criteria developed by the United States Environmental Protection Agency (EPA) and utilized by the Department to track compliance. For the purposes of this report and routine compliance assessments, the Department has chosen to include all permit limits as potential SNC 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 Dischargers

The following 3 charts summarize the compliance status for calendar year 2006 of licensed discharges based on SNC and EL criteria.



Compliance Status of Point Source Dischargers

It should be noted that the Clean Water Act 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 amount of parameters varies from approximately 30 for large dischargers to approximately 10 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 Department on a monthly basis. The result is that, just for the 79 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 Biochemical Oxygen Demand (BOD) and Total Suspended Solids (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.

Summary of Discharge Violations				
Year	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%

Environmental Performance Status of Point Source Dischargers

The three charts on the following pages indicate discharge trends for *Biochemical Oxygen Demand (BOD)* and *Total Suspended Solids (TSS)*. This data is included as an indicator of environmental performance of select licensed dischargers for the time period indicated.

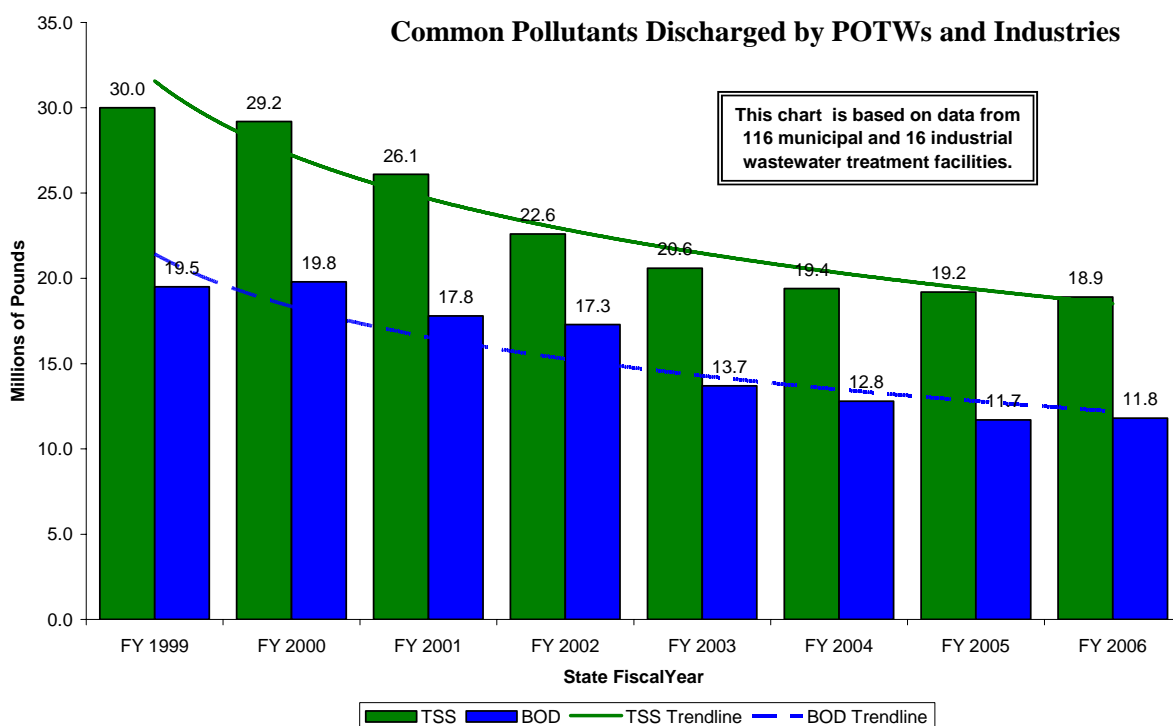
BOD is a measurement of the amount of oxygen utilized by the decomposition of organic material, over a specified time period (usually 5 days) in a wastewater sample; it is used as a measurement of the readily decomposable organic content of a wastewater.

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.

Environmental Performance Status of Point Source Dischargers

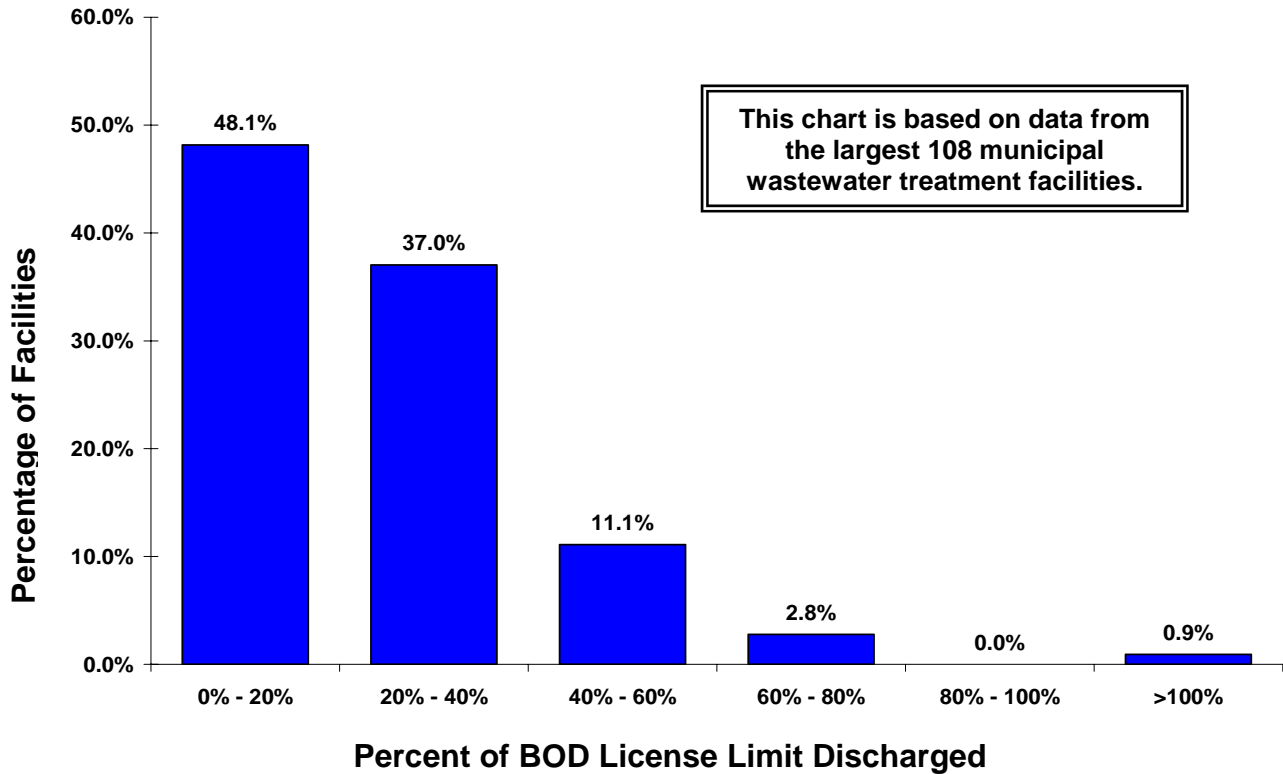
The chart below illustrates the downward trend in the discharge of Biochemical Oxygen Demand (BOD) and Total Suspended Solids (TSS). BOD is a measurement of the amount of oxygen required for microorganisms to assimilate the organic material in wastewater. TSS is a direct measure of the solid matter suspended in wastewater. 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 Dischargers

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 Department of Environmental Protection.

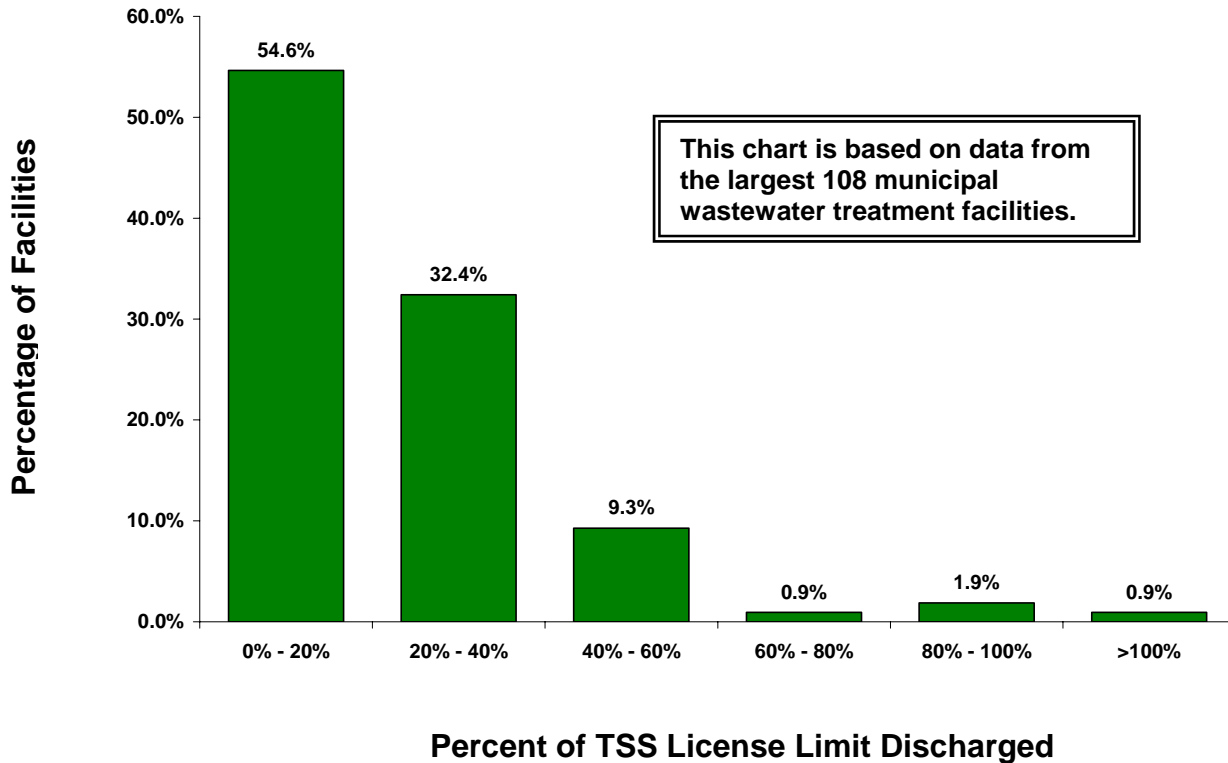
FY 2006 BOD Discharge as a Percent of License Limits



Environmental Performance Status of Point Source Dischargers

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 Department of Environmental Protection.

FY 2006 TSS Discharge as a Percent of License Limits



Enforcement Status of Dischargers

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 Department may pursue formal, written, and legally binding resolutions to license violations where corrective action and or penalties are appropriate. The Department'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 Department uses the following enforcement tools: Letter of Warning, Notice of Violation, Administrative Consent Agreement, 80K Actions (civil prosecution in court by certified Department 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 2006 to Respond to Violations	
Actions	Number
Letter of Warning	23
Notice of Violation	18
Consent Agreement*	7
District Court	0
Total	48

*Consent Agreements Finalized in 2006			
Name	Violations	Penalty	Corrective Actions/ Comments
1. Squirrel Island Village Corp.	License violations	\$29,702	\$19,702 of the penalty suspended. Eliminate the discharges by connecting to Boothbay Harbor system.
2. Presque Isle Sewer District	License violations	\$17,272	Upgrade swirl separator. Supplemental Environmental Project of \$27,728
3. Rumford Paper Co. (Mead Paper)	Unlicensed discharges	\$4,902	Combined with Air violation. Supplemental Environmental Project of \$34,986.
4. Town of Castine	License violations	\$3,197	Upgrade treatment facility.
5. Penobscot Nursing Home	License violations	\$23,000	Eliminate the discharge.
6. Town of Bar Harbor	Unlicensed discharge	\$1,000	Replace a pump station.
7. City of Calais	Unlicensed discharge; license violations.	\$55,092	\$45,092 of the penalty suspended. Supplemental Environmental Project of \$40,000. Multiple improvements to treatment system and development of CSO abatement plan.
		\$134,165	

Enforcement Status of Dischargers

In addition, the following cases were referred to enforcement in calendar year 2006. 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 2006				
Discharger Type	Number of Cases	Under investigation	Consent Agreement initiated	Resolved without enforcement
POTW *	2	1	0	1
Industrial	0	0	0	0
Commercial	3	2	1	0
Private	4	4	0	0
Total	9	7	1	1

* Publicly Owned Treatment Works

Construction and Funding Needs of POTWs

The ongoing construction and funding needs of Maine Publicly Owned Treatment Works (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, grants or loans from the Economic Development Administration, 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 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.

In an attempt to try and meet the long term needs to treatment facilities in Maine, the MMBB, in addition to lending federal capitalization grant and state matching dollars, can lend up to three bond dollars for every one federal and state dollar available. This is accomplished by making parallel loans of capitalization grants at 0% and bond loan dollars at market rates to maximize total loan needs for water quality. The state match has been funded by appropriations of State of Maine general obligation bonds as approved by voters.

It is the goal of the Maine CWSRF program to preserve the principal amounts of capitalization grant dollars in perpetuity, while fulfilling its lending obligations to treatment facilities within Maine in the easiest and most cost-effective manner possible. Maine continues to strive for funding mechanisms that will expedite loan repayments of current capitalization grant dollars to increase turnaround and create more funding for future loans in years following the award of all capitalization grants.

A listing of POTW projects funded by the CWSRF program in FY 2006 is included in Appendix I.

A listing of long term funding needs of POTWs is included as Appendix J.

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 quasimunicipal treatment facilities. Typical OBDs include residences, schools, and commercial establishments. As of December 31, 2006 there were 1,484 approved OBDs in the state located in 120 towns and plantations, a reduction of 41 during the past year. 55% 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 661. This decline is due primarily to the OBD removal program and to public sewer line extensions. During this time, OBDs have been completely removed from forty five municipalities. (Augusta, Baileyville, 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 Portland, Stacyville, Sullivan, Trenton, Waterville and Wiscasset).

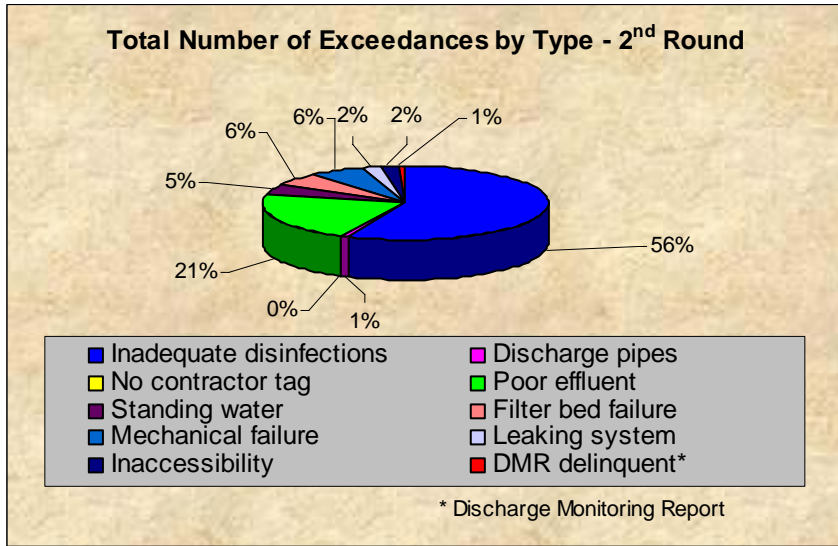
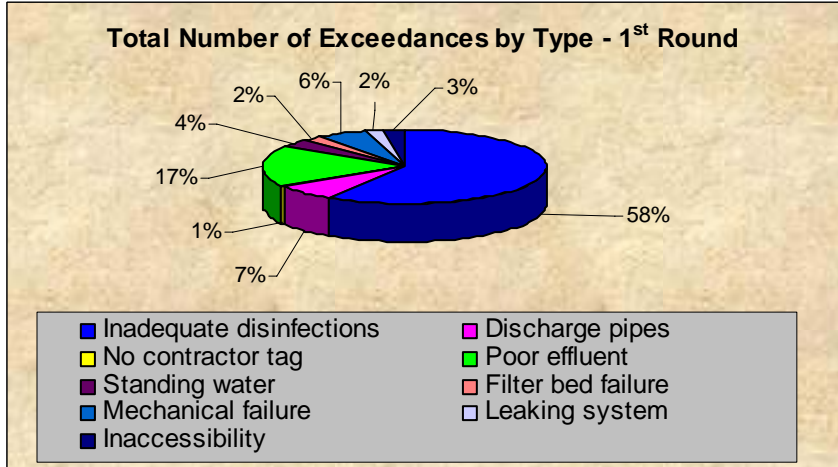
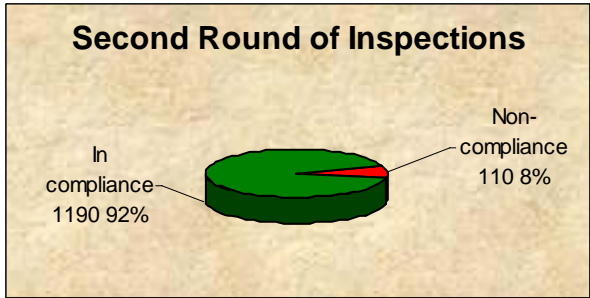
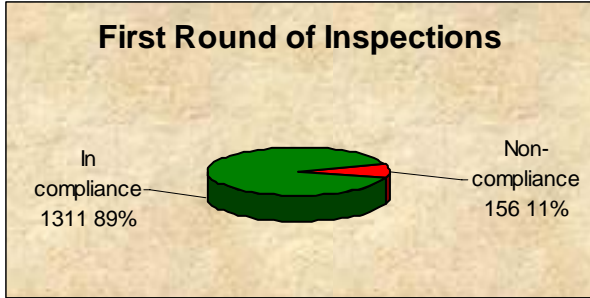
OBD License Status

Currently, 65% 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.

OBD Compliance Status - Inspections

The vast majority of OBDs are inspected twice per year. The following four charts indicate compliance status based on 2006 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 Department will issue a Letter of Warning, and if needed a Notice of Violation, to compel the system owner to correct the non-compliance.

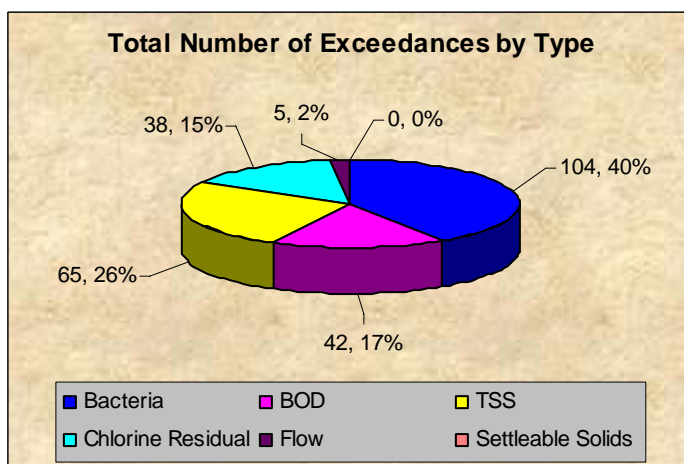
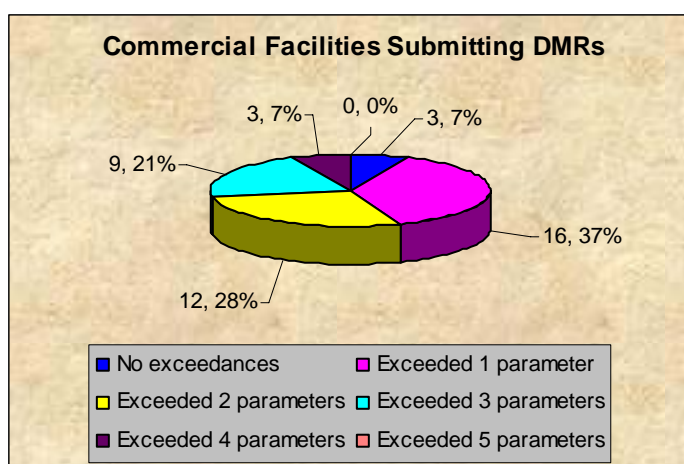
Status of Overboard Discharges (cont'd)



Status of Overboard Discharges (cont'd)

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 Department. 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 2006. When an exceedence is reported to the Department, the facility is also required to report the cause of the exceedence and the corrective action. The Department follows up with any facility that has not self corrected the cause of an exceedence to ensure the problem is corrected. A summary of OBD noncompliance causes and responses is attached in Appendices G and H.



Approved Overboard Discharges, by Location

As of December 31, 2006

The following list indicates the location of the 1,484 OBDs by town.

<u>TOWN/CITY</u>	<u>NUMBER</u>	<u>TOWN/CITY</u>	<u>NUMBER</u>
ADDISON	4	CRANBERRY ISLES	11
ALNA	1	CUMBERLAND	1
ARROWSIC	2	CUTLER	3
ARUNDEL	8	DAMARISCOTTA	4
BANGOR	2	DEER ISLE	17
BAR HARBOR	8	DRESDEN	2
BATH	9	EDDINGTON	3
BEALS	1	EDGECOMB	27
BETHEL	1	ELIOT	2
BIDDEFORD	28	ELLSWORTH	1
BLUE HILL	12	EUSTIS	4
BOOTHBAY	145	FAIRFIELD	1
BOOTHBAY HARBOR	76	FALMOUTH	1
BOWDOINHAM	5	FARMINGTON	3
BRADLEY	7	FRANKFORT	2
BREMEN	1	FRENCHBORO	3
BRISTOL	161	FRIENDSHIP	20
BROOKS	1	GEORGETOWN	65
BROOKSVILLE	5	GOULDSBORO	20
BRUNSWICK	2	HAMPDEN	1
BUCKFIELD	7	HARPSWELL	84
BURNHAM	1	HARRINGTON	7
BUXTON	1	INDUSTRY	1
CALAIS	6	ISLEBORO	3
CAMDEN	6	JONESPORT	10
CAPE ELIZABETH	4	KENNEBUNK	4
CASTINE	5	KENNEBUNKPORT	4
CHELSEA	1	KITTERY	10
CHERRYFIELD	37	LEWISTON	1
CHESTERVILLE	1	LINCOLNVILLE	3
COLUMBIA FALLS	8	LONG ISLAND	4

Approved Overboard Discharges, by Location

As of December 31, 2006

<u>TOWN/CITY</u>	<u>NUMBER</u>	<u>TOWN/CITY</u>	<u>NUMBER</u>
MACHIASPORT	4	SOUTH THOMASTON	7
MADISON	6	SOUTHPORT	174
MATINICUS ISLAND	1	SOUTHWEST HARBOR	6
MEDWAY	1	ST. GEORGE	37
MONHEGAN	32	STANDISH	3
MONTICELLO	1	STEUBEN	2
MOUNT DESERT	8	STONINGTON	8
NEWCASTLE	1	STRONG	3
NORRIDGEWOCK	1	SURRY	4
NORTH HAVEN	6	SWANS ISLAND	2
OAKLAND	1	THOMASTON	2
ORRINGTON	3	TOPSHAM	1
OWLS HEAD	18	TREMONT	25
OXFORD	1	TRESCOTT	2
PARSONSFIELD	1	TURNER	4
PENOBSCOT	5	VASSALBORO	2
PHIPPSBURG	8	VERONA	1
PORTLAND	61	VINALHAVEN	20
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	3	WINTER HARBOR	7
SEARSPORT	1	WINTERPORT	1
SIDNEY	1	WOOLWICH	8
SOUTH BERWICK	1	YARMOUTH	12
SOUTH BRISTOL	54	YORK	15
		TOTAL	1,484

\OBDLIST 12-29-2006

APPENDIX A

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2006 SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
Anson (Anson-Madison Sanitary District)	W-002710	06/27/06	5.000	5M	EPA major facility; toxics testing required	
Ashland	W-002697	04/08/10	0.300	5L	Domestic waste water only; toxics testing required	
Auburn	W-000685	12/28/10	-----	5T	CSO-only discharge; exempt from toxics testing	
Augusta	W-002695	06/06/08	8.000	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs	
Baileyville	W-002649	11/19/08	0.600	5L	Domestic waste water only; exempt from toxics testing	
Bangor	W-001041	02/12/07	18.000	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs.	
Bar Harbor-DeGregoire Park	W-002584	11/21/10	0.012	5L	Domestic waste water only; exempt from toxics testing	
Bar Harbor-Hulls Cove	W-002590	11/21/10	0.150	5L	Domestic waste water only; upgrade completed in 2000	
Bar Harbor-Main Plant	W-002591	11/21/10	2.000	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs; upgrade completed in 1999	
Bar Harbor-Mount Desert High School	W-003319	09/15/09	0.009	5L	Seasonal surface discharge (spray irrigation system)	
Bath	W-002678	10/26/09	3.500	5L	EPA major facility; toxics testing required; includes CSOs; upgraded to 3.5 MGD in 1998	SNC
Belfast	W-000569	05/23/11	0.900	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs	
Berwick	W-000566	01/22/08	1.100	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; TMDL limits go into effect Sept. 30, 2005	
Bethel	W-002595	09/21/10	0.340	5L	Domestic waste water only; exempt from toxics testing	
Biddeford	W-000683	06/25/08	6.500	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs; upgrade completed in 2000	
Biddeford-Biddeford Pool	W-007581	06/23/10	0.030	5L	Domestic waste water only; exempt from toxics testing	
Bingham	W-001286	04/20/11	0.200	5L	Domestic waste water only; exempt from toxics testing; upgrade completed in 1998	
Blue Hill	W-002628	12/07/09	0.100	5L	Domestic waste water only	

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2006
SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
Boothbay Harbor (Bayville Village Corporation)	W-002573	03/12/07	0.015	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); NPDES permit issued by EPA	
Boothbay Harbor-Main Plant	W-002750	12/13/10	0.640	5L	EPA major facility; toxics testing required	
Brewer	W-002679	04/25/08	5.190	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs.	
Bridgton	W-007879	06/26/07	0.032	5L	Subsurface discharge (two systems); exempt from toxics testing	
Brownville	W-000829	08/14/07	0.087	5L	Subsurface discharge (11 separate systems); exempt from toxics testing	
Brunswick	W-002600	05/26/09	3.850	5L	EPA major facility; toxics testing required	
Brunswick-Graham Road Landfill	W-004308	11/16/09	0.200	5L	Discharge of treated landfill leachate; exempt from toxics testing	
Brunswick-Mere Point	W-008015	06/11/08	0.011	5L	Subsurface discharge (5 separate systems); exempt from toxics testing	
Bucksport	W-002596	06/17/07	0.460	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; includes CSOs; NPDES permit issued by EPA	
Calais	W-002751	09/29/11	1.500	5L	EPA major facility; domestic waste water; toxics testing required	
Camden	W-002592	07/18/08	1.210	5M	EPA major facility; EPA pre-treatment program required; toxics testing required	
Canton	W-006445	02/22/11	0.621	5L	Domestic waste water only; no discharge allowed when flows < 20 cfs; toxics testing required	
Cape Elizabeth (Portland Water Dist.)	W-006751	07/05/11	0.499	5L	Domestic waste water only; toxics testing required; includes CSOs	
Caribou-City Facility	W-001001	12/22/11	1.710	5L	EPA major facility; toxics testing required; authorized to treat up to 14,000 GPD of septage	
Caribou-Loring Development Authority	W-006654	12/19/08	2.500	5L	EPA major facility; formerly Loring Air Force Base; toxics testing required	
Carrabassett Valley	W-002781	12/22/11	-----	5L	54 MGY surface discharge (snowfluent system & spray irrigation system); exempt from toxics testing	
Castine	W-002623	12/22/09	0.126	5L	Domestic waste water only	EL
Clinton	W-002589	02/14/08	0.350	5L	Domestic waste water only; toxics testing required; no discharge allowed when flows < 65 cfs	

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2006
SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
Corinna	W-008206	09/02/09	0.110	5L		
Cornish	W-007878	06/26/07	0.007	5L	Subsurface discharge; exempt from toxics testing	
Damariscotta-Main Plant (Great Salt Bay Sanitary District)	W-006048	06/26/11	0.268	5L	Domestic waste water only; year-round chlorination required; exempt from toxics testing	
Danforth	W-000819	12/29/09	0.049	5L	Domestic waste water only; exempt from toxics testing.	
Dexter	W-000830	12/20/07	0.273	5L	Surface discharge (spray irrigation system); exempt from toxics testing	
Dover-Foxcroft	W-002633	09/07/09	0.800	5L	Domestic waste water only; toxics testing required; includes CSOs	
Eagle Lake	W-003374	11/25/07	0.146	5L	Surface discharge (spray irrigation system); exempt from toxics testing	
East Machias	W-006521	10/05/10	0.026	5L	18 separate outfalls; domestic waste water only; exempt from toxics testing; year-round chlorination required	
East Millinocket	W-002683	10/12/06	-----	5T	CSO-only discharge; exempt from toxics testing; primary treated sanitary waste water is discharged to GNP secondary treatment facility	
Eastport-Main Plant	W-002598	08/13/07	0.82	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); NPDES permit issued by EPA	
Eastport-Quoddy Village	W-008131	08/13/07	0.050	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; NPDES permit issued by EPA	
Ellsworth	W-002529	05/28/09	0.850	5L	EPA major facility; toxics testing required	
Ellsworth-Shore Road	W-003801	08/18/09	0.002	5L	2 separate sandfilter systems serving a total of 7 residences; exempt from toxics testing	
Fairfield	W-007701	10/11/08	-----	5T	CSO-only discharge (two discharge points); exempt from toxics testing	
Falmouth	W-002650	01/22/08	1.560	5L	EPA major facility; domestic waste water only; toxics testing required	
Farmington	W-002670	10/16/11	0.900	5L	EPA major facility; domestic waste water only; toxics testing required; seasonal limits	
Fort Fairfield	W-000694	04/26/06	0.600	5M	EPA major facility; toxics testing required	
Fort Kent	W-000692	12/18/11	0.430	5L	EPA major facility; upgrade completed in 1997; toxics testing required; includes CSOs	
Freeport	W-000617	04/19/10	0.750	5L	EPA major facility; domestic waste water only; toxics testing required	
Frenchville	W-007676	06/17/10	0.060	5L	Domestic waste water only; exempt from toxics testing	

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2006
SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
Gardiner	W-002655	03/16/11	4.500	5L	EPA major facility; toxics testing required; includes CSOs	
Gorham-Little Falls (Portland Water District)	W-006950	08/14/07	0.040	5L	Domestic waste water only; exempt from toxics testing	
Grand Isle	W-007713	06/02/10	0.080	5L	Domestic waste water only; exempt from toxics testing	
Greenville (Moosehead Sanitary District)	W-002119	01/29/09	0.170	5L	Surface discharge (spray irrigation and snowfluent system); exempt from toxics testing	
Guilford (Guilford-Sangerville Sanitary District)	W-006792	08/11/09	0.930	5M	EPA major facility; toxics testing required	
Hallowell	W-007532	06/23/08	-----	5T	CSO-only discharge; exempt from toxics testing	
Hampden	W-007967	12/27/07	-----	5T	CSO-only discharge; exempt from toxics testing	
Hartland	W-000678	11/07/07	1.500	5M	EPA major facility; EPA pre-treatment program required; toxics testing required	
Houlton (Houlton Water Company)	W-002648	02/16/10	1.500	5L	EPA major facility; domestic waste water only; toxics testing required	
Houlton (Houlton Water Company)	W-008219	05/20/10	----	5L	Surface discharge (spray irrigation) system	
Howland	W-002632	05/16/10	0.300	5L	Domestic waste water only; exempt from toxics testing; accepts waste from West Enfield	
Indian Township-Peter Dana Point (Passamaquoddy Tribe)	W-007055	01/21/02	0.015	5L	Subsurface discharge (5 separate systems); Passamaquoddy Indian Reservation; exempt from toxics testing	
Indian Township-Princeton Strip (Passamaquoddy Tribe)	W-000872	08/02/99	0.015	5L	Surface discharge (spray irrigation) system; Passamaquoddy Indian Reservation; exempt from toxics testing	
Islesboro-Dark Harbor	W-002726	11/21/10	0.064	5L	Domestic waste water only; exempt from toxics testing; year-round chlorination required	
Jackman	W-002696	09/28/09	0.675	5L	Seasonal discharge; domestic waste water only; toxics testing required	
Jay-North Jay	W-002689	08/02/10	0.060	5L	Domestic waste water only; toxics testing required	

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2006

SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
Kennebunk	W-002585	09/18/11	1.310	5L	EPA major facility; toxics testing required	SNC, EL
Kennebunkport	W-002626	06/22/10	0.700	5L	EPA major facility; domestic waste water only; toxics testing required	
Kingfield	W-006272	05/29/07	0.077	5L	Subsurface discharge (55 separate systems); exempt from toxics testing	
Kittery	W-000389	03/24/11	2.500	5L	EPA major facility; toxics testing required; includes CSOs	
Lewiston	W-000684	12/29/10	-----	5T	CSO-only discharge; exempt from toxics testing	
Lewiston (Lewiston-Auburn Water Pollution Control Authority)	W-000682	12/31/07	14.200	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSO	SNC, EL
Lewiston-No Name Pond	W-008126	05/02/06	0.004	5K	Subsurface discharge; exempt from toxics testing	
Limerick	W-000860	10/12/10	0.110	5L	Domestic waste water only; toxics testing required	SNC
Limestone	W-002684	10/05/09	0.300	5L	EPA major facility; domestic waste water only; toxics testing required; limited to 0.200 MGD July 1 to September 30	SNC
Lincoln	W-001479	03/31/08	1.070	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs	
Lisbon	W-002725	05/18/10	2.025	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs	
Livermore Falls	W-002654	09/21/10	2.000	5L	Domestic waste water only; includes CSO	
Lubec	W-006306	07/07/08	0.166	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; NPDES permit issued by EPA	
Machias	W-002674	09/06/10	0.370	5L	EPA major facility; toxics testing required; includes CSOs	EL
Madawaska	W-002602	11/14/08	0.600	5L	Domestic waste water only; exempt from toxics testing; includes CSOs	
Mapleton	W-008147	01/27/08	0.090	5L	Domestic waste water only; exempt from toxics testing; surface discharge (spray irrigation and snowfluent system)	
Mars Hill	W-000842	12/10/07	1.000	5L	Domestic waste water only; toxics testing required; sliding scale discharge regime to maintain specified dilution factors	
Mattawamkeag	W-007462	04/25/10	0.090	5L	Domestic waste water only; exempt from toxics testing	
Mechanic Falls	W-002722	10/22/07	0.490	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs	

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2006
SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
Mexico (Rumford-Mexico Sewerage District)	W-002686	09/21/10	2.650	5L	EPA major facility; domestic waste water only; toxics testing required	
Milbridge	W-000862	11/18/08	0.070	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); discharge is from 76 residential sandfilter systems, 5 primary treatment commercial facilities, and 67 separate sub-surface systems; NPDES permit issued by EPA	
Milford	W-008223	11/04/10	----	5T		
Millinocket	W-002680	02/11/09	2.330	5L	EPA major facility; toxics testing required	
Milo	W-002753	10/05/09	0.390	5L	Domestic waste water only; toxics testing required	
Monson	W-007155	08/14/07	0.014	5L	Subsurface discharge (2 separate systems); exempt from toxics testing	
Mt. Desert-Northeast Harbor	W-002659	12/23/08	0.330	5L	Domestic waste water only; toxics testing required	
Mt. Desert-Seal Harbor I	W-002657	07/07/09	0.250	5L	Domestic waste water only	
Mt. Desert-Somesville	W-002656	12/23/08	0.080	5L	Domestic waste water only; toxics testing required	
Newport	W-000865	07/01/09	0.524	5L	Domestic waste water only; toxics testing required	
Newport-Nokomis Regional High School	W-007162	07/22/08	0.010	5L	Seasonal surface discharge (facultative lagoon/spray irrigation system); exempt from toxics testing	
Nobleboro-Damariscotta Mills (Great Salt Bay Sanitary District)	W-007044	04/11/11	0.015	5L	Domestic waste water only (sandfilter system); exempt from toxics testing	
Norridgewock	W-007742	11/19/08	0.193	5L	Domestic waste water only; exempt from toxics testing	
North Berwick	W-006267	08/14/07	1.000	5L	Seasonal discharge; allowable daily maximum discharge of 1.0 MGD while maintaining minimum dilution of 20 to 1; toxics testing required	
North Haven	W-001671	11/21/08	0.040	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; NPDES permit issued by EPA	SNC
Northport (Northport Village Corporation)	W-002575	06/29/09	0.063	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); outfall extended by 200 ft in 1997	SNC

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2006
SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
Norway	W-002647	05/03/06	0.975	5L	EPA major facility; seasonal discharge; domestic waste water only; no discharge allowed when flows < 31 cfs; toxics testing required	
Oakland	W-002690	05/15/06	0.480	5L	EPA major facility; toxics testing required	
Ogunquit	W-000449	02/25/08	1.280	5L	EPA major facility; domestic waste water only; toxics testing required	
Old Orchard Beach	W-002786	04/19/10	3.500	5L	EPA major facility; new outfall to ocean completed in 1995; toxics testing required	
Old Town	W-001635	05/25/09	3.500	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs	
Old Town-Indian Island (Penobscot Indian Nation)	W-002672	03/29/05	0.070	5L	Domestic waste water only; Penobscot Indian Nation; exempt from toxics testing	
Orono	W-002673	10/29/07	1.840	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs	
Paris-South Paris (Paris Utility District)	W-000632	08/21/06	0.650	5L	EPA major facility; toxics testing required; includes CSOs	SNC, EL
Patten	W-007775	12/16/08	0.030	5L	Surface discharge (spray irrigation system); exempt from toxics testing	
Perry (Pleasant Point) (Passamaquoddy Tribe)	W-002561	10/13/04	0.150	5L	Passamaquoddy Indian Reservation;	
Pittsfield	W-001477	06/08/09	1.500	5L	Surface discharge	
Portland	W-008010	07/07/08	-----	5T	CSO-only discharge (12 discharge points); exempt from toxics testing	
Portland (Portland Water District)	W-002671	03/06/08	19.800	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs	SNC, EL
Portland-Peaks Island (Portland Water District)	W-007182	08/14/07	0.200	5L	Domestic waste water only	
Presque Isle	W-002713	09/30/07	2.310	5L	EPA major facility; toxics testing required; includes CSOs	SNC
Presque Isle-Echo Lake	W-008017	06/05/08	0.004	5K	Subsurface discharge; exempt from toxics testing	
Presque Isle-Landfill	W-008088	07/21/11	---	5L	Discharge of treated landfill leachate through lagoon/spray irrigation system	
Randolph	W-008074	04/08/09	-----	5T	CSO-only discharge; exempt from toxics testing	
Rangeley	W-008086	04/27/06	-----	5L	36.5 MGY surface discharge (spray irrigation and snowfluent system); exempt from toxics testing	

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2006
SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
Richmond	W-002616	02/25/08	0.300	5L	Domestic waste water only; exempt from toxics testing	
Rockland	W-000681	06/13/06	3.300	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs	
Rumford-Rumford Point (Rumford-Mexico Sewerage District)	W-002685	09/21/10	0.019	5L	Domestic waste water only; exempt from toxics testing	
Sabattus	W-002624	11/07/11	0.120	5L	Domestic waste water only; toxics testing required	
Saco	W-002599	08/14/11	4.200	5L	EPA major facility; toxics testing required; includes CSOs	
Sanford	W-000870	03/28/08	5.500	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs; tiered effluent limits; plant upgrade scheduled to be on-line by June 1, 2005	
Scarborough	W-002668	09/03/09	2.500	5L	EPA major facility; toxics testing required. *Upgrade from current plant capacity of 1.8 MGD approved but not yet scheduled	
Searsport	W-006279	06/17/07	0.200	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); NPDES permit issued by EPA	
Sinclair (Sinclair Sewer District)	W-007814	04/18/11	0.042	5L	Surface discharge (spray irrigation system) on-line in 1996; exempt from toxics testing	
Skowhegan-Main Plant	W-002645	04/25/08	1.65	5L	EPA major facility; domestic waste water only; toxics testing required; includes CSOs	
Skowhegan-Norridgewock Avenue Housing	W-002345	06/08/09	0.019	5L	Domestic waste water only; exempt from toxics testing	
Sorrento	W-002280	12/18/06	0.003	5K	Domestic waste water only	SNC
South Berwick	W-002721	06/17/07	0.567	5L	Secondary treatment plant on-line 1995; toxics testing required	
South Portland	W-001370	04/23/09	9.300	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs; upgrade completed in 1998	
Southwest Harbor	W-002676	12/27/09	0.375	5L	EPA major facility; toxics testing required	
St. Agatha	W-002755	06/22/10	0.060	5L	Domestic waste water only; exempt from toxics testing	
Stonington	W-001475	03/14/08	0.175	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); NPDES permit issued by EPA	

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2006
SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
Thomaston	W-002643	04/11/08	0.900	5L	EPA major facility; seasonal surface discharge (spray irrigation system); discharge to St. George River allowed Jan-Mar; toxics testing required	
Unity	W-000478	08/13/07	0.500	5L	Domestic waste water only; toxics testing required; no discharge when flow < 15 cfs; discharge regulated to maintain specified dilution factors	
Van Buren	W-002675	09/02/09	0.560	5L	EPA major facility; domestic waste water only; exempt from toxics testing	
Vassalboro-Cemetery Street Facility	W-008102	01/31/10	0.029	5L	Domestic waste water only (sandfilter system); exempt from toxics testing	
Vassalboro-Main Street Facility	W-002597	01/31/10	0.025	5L	Domestic waste water only (sandfilter system); exempt from toxics testing	
Vassalboro-North Main Street Facility	W-008101	01/31/10	0.025	5L	Domestic waste water only (sandfilter system); exempt from toxics testing	
Veazie	W-002754	10/24/07	0.350	5L	Domestic waste water only; exempt from toxics testing; CBOD limits established	
Vinalhaven	W-008146	11/25/07	0.129	5L	Domestic waste water only; toxics testing required; facility construction underway and scheduled to be complete in 2005	
Waldoboro	W-008114	12/20/07	0.150	5L	Domestic waste water only; seasonal surface discharge (spray irrigation system); exempt from toxics testing	
Wallagrass Plt. (Eagle Lake Water & Sewer District)	W-007955	12/27/07	0.006	5L	Subsurface discharge; exempt from toxics testing	
Warren	W-007023	04/25/10	0.244	5L	Domestic waste water only; toxics testing required; discharge limited to 0.0795 MGD June 1-Sept 30	
Washburn	W-007610	12/07/11	0.283	5L	Domestic waste water only; toxics testing required	
Waterville (Kennebec Sanitary Treatment District)	W-000687	05/06/09	12.700	5M	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs	
Wells	W-000653	09/23/09	2.000	5L	EPA major facility; toxics testing required	
Westbrook (Portland Water District)	W-001510	12/22/11	4.54	5L	EPA major facility; EPA pre-treatment program required; toxics testing required; includes CSOs	
Whitneyville-Canal Road Facility	W-006551	02/22/10	0.002	5K	6 individual sandfilter systems with a common outfall; domestic waste water only; exempt from toxics testing	
Whitneyville-School Street Facility	W-008099	02/22/10	0.006	5L	Cluster sandfilter system; domestic waste water only; exempt from toxics testing	

POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2006
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(See key to column headings at the end of the appendix)

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
Wilton	W-002365	07/07/11	0.450	5L	EPA major facility; toxics testing required	
Winslow	W-008204	08/17/09	-----	5T	CSO only	
Winter Harbor	W-000562	12/07/10	0.125	5L	Domestic waste water only	SNC
Winterport	W-001480	02/02/09	0.110	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; includes CSOs	SNC, EL
Wiscasset	W-000370	08/11/09	0.620	5L	Domestic waste water only; toxics testing required; plant upgrade completed in 1994	
Yarmouth	W-002644	12/19/11	1.310	5L	EPA major facility; domestic waste water only; toxics testing required	
Yarmouth-Sea Meadows Subdivision	W-002234	12/22/11	0.028	5L	Domestic waste water only; exempt from toxics testing; previously licensed as a commercial OBD	EL
York	W-002687	05/31/11	3.000	5L	EPA major facility; domestic waste water only; toxics testing required	

TOTAL LICENSED POTWs: 168

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(MGD)	Monthly average discharge flow limit, in millions of gallons per day, as approved in last DEP license issued for the facility.
TYPE	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	Notes identify EPA major facilities, facilities with EPA-required pre-treatment program, facilities with surface or subsurface discharge, 301(h) waiver facilities (primary treatment only), toxics testing status (exempt or testing required), facilities with domestic waste water only discharge, CSO-only discharges; and special facility information (e.g., flow-related discharge limits, upgrade plans, need to move outfall location).
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.

Additional Information for Notes

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

APPENDIX B

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2006* SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Elegant Seafood LLC	Addison	W-007950	12/23/08	5P	Sea cucumber processing facility; 0.008 MGD process water discharge	
Madison Paper Industries	Anson	W-008062	04/01/09	5R	Anson Hydro Project; 108,000 GPD non-contact cooling water	
Pioneer Plastics	Auburn	W-007876	12/11/11	5S	Plastics manufacturer; 1.2 MGD non-contact cooling water	
Dept. of Inland Fisheries & Wildlife	Augusta	W-002034	07/05/11	5Q	Governor Hill Fish Hatchery; 1.2 MGD process water discharge	SNC
Dunham's Pure Water Hatchery	Avon	W-008105	10/18/10	5Q	Commercial fish hatchery; 0.5 MGD process water discharge	
Domtar Maine Corp.	Baileyville	W-008072	04/01/09	5R	Woodland Hydro Project; 194,000 GPD non-contact cooling water	
Domtar Maine Corp.	Baileyville	W-008073	04/01/09	5R	Grand Falls Hydro Project; 100,000 GPD non-contact cooling water	
Domtar Maine Corporation	Baileyville (Woodland)	W-002766	05/31/10	5N	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	
Louisiana Pacific Corporation	Baileyville (Woodland)	W-000508	06/10/08	5R	Stud mill and oriented strand board mill; 15 MGD non-contact cooling water; 160,000 GPD boiler blowdown, softener backwash & cooling waters	
FPL Energy Maine Hydro	Baldwin	W-000582	02/20/09	5R	Hiram Hydro Project; 203,000 GPD non-contact cooling water	
Webber Oil Company	Bangor	W-000767	04/25/10	5S	Fuel oil terminal/transfer facility; storm water discharge	
Town of Bar Harbor	Bar Harbor	W-001719	02/19/07	5V	Snow dump; discharge to tidewater	
Bath Iron Works	Bath	W-000671	06/06/11	5R	Ship building facility; 0.84 MGD non-contact cooling water; misc. dry dock & ship discharges; and snow dump discharge to tidewater	
City of Bath	Bath	W-007696	09/23/09	5V	Snow dump; discharge to tidewater	
Carver Shellfish Inc.	Beals	W-007803	12/27/09	5P	Clam processing facility; 5000 GPD process water discharge	
Maine Coast Nordic	Beals	W-008194	03/30/09	5Q	Salmon aquaculture facility (Spectacle Island Site)	
Maine Coast Nordic	Beals	W-008187	03/30/09	5Q	Salmon aquaculture facility (Sand Cove Site)	
McCrum LLC	Belfast	W-004897	07/10/07	5O	Potato processing facility; 100,000 GPD process water discharge; 75,000 GPD non-contact cooling water discharge	SNC

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2006*
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(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Pat Jackson Inc.	Belgrade	W-008019	04/08/09	5J	Discharge of treated septage effluent	
Biddeford and Saco Water Company	Biddeford	W-002545	08/12/10	5S	Drinking water treatment facility; 150,000 GPD filter backwash water discharge	
Maine Energy Recovery Company	Biddeford	W-006163	10/11/08	5R	Waste-to-energy incinerator; 93.6 MGD non-contact cooling water	
University of New England	Biddeford	W-008109	12/02/09	5Q	Marine science and research center; 0.72 MGD treated marine lab and marine mammal rehabilitation center waste water	
Westpoint Homes, Inc.	Biddeford	W-002790	11/06/11	5R	Textile mill; 110,000 GPD non-contact cooling water	
The Mountain, Inc.	Big Moose Twp.	W-008148	10/24/07	5J	Commercial ski area; 11,000 GPD sanitary waste water discharge	
Syoly Sea Farm, Inc.	Bingham	W-007577	04/06/10	5Q	Commercial salmon; 11.25 MGD process waste water discharge	
Vacationland Development, Inc.	Boothbay	W-003240	05/12/10	5J	Commercial campground; 5200 GPD sanitary waste water discharge	
Town of Boothbay Harbor	Boothbay Harbor	W-007938	02/19/07	5V	Snow dump; discharge to tidewater	
Town & Country Mobile Home Park	Brewer	W-003601	04/27/10	5J	Commercial trailer park; 8,500 GPD sanitary waste water discharge	
Camp Wildwood	Bridgton	W-007708	07/02/08	5J	Commercial campground; 8500 GPD sanitary waste water discharge	
Winona Inc.	Bridgton	W-006784	06/21/07	5J	Commercial campground; 10,000 GPD sanitary waste water discharge	
Brunswick-Topsham Water District	Brunswick	W-002631	09/26/08	5S	Drinking water treatment facility; 80,000 GPD filter backwash discharge	EL
FPL Energy Maine Hydro	Brunswick	W-000571	02/20/09	5R	Brunswick Hydro Project; 586,000 GPD non-contact cooling water	
Paul's Marina	Brunswick	W-008209	08/30/09	5Z	Experimental treatment system; 450 GPD boat washwater discharge from commercial marina	
C.H. Sprague & Son, Inc.	Bucksport	W-002563	04/14/09	5S	Fuel oil terminal/transfer facility; storm water discharge	
Verso Androscoggin LLC	Bucksport	W-000598	11/02/09	5N	Pulp and paper mill (formerly Champion); 18 MGD process water discharge; 72.0 MGD cooling water discharge	
Webber Tanks, Inc.	Bucksport	W-002566	04/25/10	5S	Fuel oil terminal/transfer facility; storm water discharge	
FPL Energy Maine Hydro	Buxton	W-000578	02/20/09	5R	Skelton Hydro Project; 859,000 GPD non-contact cooling water	

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2006*
SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Town of Camden	Camden	W-007822	10/28/10	5V	Snow dump; discharge to tidewater	
Caribou Utilities District	Caribou	W-006209	07/12/09	5S	Drinking water treatment facility; 450,000 GPD filter backwash discharge	
Loring Development Authority	Caribou	W-007926	06/14/09	5S	Drinking water treatment facility; 8,000 GPD filter backwash discharge	
WPS New England Generation, Inc.	Caribou	W-000638	11/12/09	5R	Caribou Generating Station; 31 MGD non-contact cooling water & misc. discharges	
Dept. of Inland Fisheries & Wildlife	Casco	W-002038	05/08/11	5Q	Casco Fish Hatchery; 2.9 MGD process waste water discharge	SNC
Cherryfield Foods, Inc.	Cherryfield	W-006234	09/28/09	5P	Blueberry processing facility; 0.1 MGD process water discharge; 0.27 MGD non-contact cooling water discharge	
Jasper Wyman & Sons	Cherryfield	W-000645	10/21/09	5P	Blueberry processing facility; 0.1 MGD process water discharge; 0.27 MGD non-contact cooling water discharge	SNC
Maine Coast Nordic	Cutler	W-008192	03/30/09	5Q	Salmon aquaculture facility (Cutler Harbor Site)	
Maine Coast Nordic	Cutler	W-008188	03/30/09	5Q	Salmon aquaculture facility (Cutler North Site)	
US Navy-Naval Communication Unit	Cutler	W-003318	12/29/10	5R	Electrical generating plant; 1.584 MGD non-contact cooling water; misc. stormwater, boiler blowdown and contact cooling water discharges	
Lake Pemaquid Inc.	Damariscotta	W-003271	06/06/08	5J	Commercial campground; 29,092 GPD sanitary waste water discharge	
Connors Aquaculture	Deblois	W-002028	07/30/97	5Q	Commercial salmonid hatchery/smolt production facility; 5.04 MGD process water discharge	
Jasper Wyman & Sons	Deblois	W-007847	12/31/06	5P	Blueberry processing facility; process water discharge	
Wyonegonic Camps	Denmark	W-007602	06/21/07	5J	Commercial campground; 7000 GPD sanitary waste water discharge	
Country Acre Farm	Dixmont	W-008243	08/15/11	5S	Concentrated animal feeding operation (CAFO); stormwater & process waste water	
Dover-Foxcroft Water District	Dover-Foxcroft	W-007330	04/18/08	5S	Drinking water treatment facility; 25,000 GPD filter backwash discharge	
Phoenix Salmon U.S., Inc.	East Machias	W-007149	10/15/09	5Q	Commercial salmonid hatchery (Gardiner Lake); 10.08 MGD process water discharge	
Great Lakes Hydro America, LLC	East Millinocket	W-008076	03/09/09	5R	East Millinocket Hydro Project; 30,240 GPD non-contact cooling water	

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2006*
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(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Great Lakes Hydro America, LLC	East Millinocket	W-008077	03/09/09	5R	Dolby Hydro Project; 364,320 GPD non-contact cooling water	
Katahdin Paper, LLC	East Millinocket	W-002228	03/28/95	5N	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	
Engelhard Corp.	Eastport	W-001553	04/18/08	5O	Pearl essence production facility; 0.02 MGD process water discharge	
Heritage Salmon Inc.	Eastport	W-008190	03/30/09	5Q	Salmon aquaculture facility (Broad Cove Site)	
L.R. Enterprises Inc	Eastport	W-008186	03/30/09	5Q	Salmon aquaculture facility (Treats Island Site)	
Stolt Sea Farm Maine Inc.	Eastport	W-008181	03/30/09	5Q	Salmon aquaculture facility (Prince Cove Site)	
Stolt Sea Farm Maine Inc.	Eastport	W-008198	04/06/09	5Q	Salmon aquaculture facility (Johnson Cove Site)	
Autowash Inc.	Eliot	W-008225	10/21/10	5S	Commercial car wash	
Green Lake National Fish Hatchery	Ellsworth	W-000721	02/06/09	5Q	Federal salmonid hatchery; 19.4 MGD process water discharge	
Stanley Patten Pond LLC	Ellsworth	W-003294	12/28/11	5J	Commercial campground; 15,000 GPD sanitary waste water discharge	
Penobscot Hydro, LLC	Ellsworth	W-008065	04/01/09	5R	Ellsworth Hydro Project; 200,160 GPD non-contact cooling water	
Atlantic Salmon of Maine, LLC	Embden	W-007608	09/16/08	5Q	Commercial salmonid hatchery; 15.43 MGD process water discharge	
Dept. of Inland Fisheries & Wildlife	Embden	W-002029	01/30/11	5Q	Ela Fish Rearing Station; 4.75 MGD process water discharge	
FPL Energy Maine Hydro	Embden	W-000574	02/09/09	5R	Williams Hydro Project; 504,000 GPD non-contact cooling water	
Bangor-Pacific Hydro Associates	Enfield	W-007529	04/01/09	5R	West Enfield Hydro Project; 403,200 GPD non-contact cooling water	
Dept. of Inland Fisheries & Wildlife	Enfield	W-002032	03/31/11	5Q	Cobb State Fish Hatchery; 4.75 MGD process water discharge	
Indeck Power Oversees Ltd.	Enfield	W-006116	07/26/10	5S	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	
Ridgewood Maine Hydro Partners	Eustis	W-008080	04/01/09	5R	Eustis Hydro Project; 7,200 GPD non-contact cooling water	

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LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
S. D. Warren-Somerset Plant	Fairfield	W-000385	09/12/08	5N	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	
Boralex Fort Fairfield, Inc.	Fort Fairfield	W-007365	06/16/11	5O	Wood fired generating facility; 68,160 GPD non-contact cooling water, boiler blowdown water, water treatment & ion exchange backwash water	
Dept. of Inland Fisheries & Wildlife	Fort Fairfield	W-008235	07/11/11	5U	Aquatic pesticide treatment of Nadeau Lake to control invasive fish species	
Agvest Inc.	Franklin	W-007755	10/15/09	5P	Blueberry processing facility; process water discharge	
University of Maine—Center for Cooperative Aquacultural Research	Franklin	W-007642	06/01/10	5Q	Aquaculture research facility; 1.27 MGD process water discharge	
Island Aquaculture Company Inc.	Frenchboro	W-008199	05/26/09	5Q	Salmon aquaculture facility (Black Island Site)	
Mountain Springs Trout Farm	Frenchville	W-008125	04/25/10	5Q	Fish hatchery; 0.65 MGD process water discharge	
Gardiner Water District	Gardiner	W-000953	05/01/08	5S	Drinking water treatment facility; 52,000 GPD filter backwash discharge	
Ridgewood Maine Hydro Partners	Gardiner	W-008081	04/02/09	5R	American Tissue Hydro Project; 7,200 GPD non-contact cooling water	
Stinson Seafood, Inc.	Gouldsboro	W-000791	12/28/06	5P	Sardine packing facility; 318,000 GPD process water discharge	
Dept. of Inland Fisheries & Wildlife	Grand Lake Stream Plt.	W-002037	08/01/11	5Q	Grand Lake Stream Fish Hatchery; 2.9 MGD process water discharge	
Dept. of Inland Fisheries & Wildlife	Gray	W-002031	06/06/11	5Q	Dry Mills Fish Hatchery; 1.92 MGD process water discharge	SNC
Cold Brook Energy	Hampden	W-000563	11/06/11	5S	Fuel oil terminal/transfer facility; storm water discharge	
Hancock Foods	Hancock	W-003145	10/15/09	5P	Blueberry processing facility; 0.025 MGD process water discharge	
Merrill Blueberry Farms	Hancock	W-007792	10/26/09	5P	Blueberry processing facility; 72,000 GPD process water discharge	
Roderick Dyer	Harrison	W-008124	06/18/07	5J	1800 GPD treated septage leachate discharge	
Irving Tanning Company	Hartland	W-001915	06/05/09	5R	Leather tanning facility; 500,000 GPD non-contact cooling water	

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2006*
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LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Elaine Currier (d/b/a Fuller Road Trailer Park)	Hermon	W-007690	12/20/07	5J	Commercial trailer park; 4,500 GPD sanitary waste water discharge	
Herman Car Wash	Herman	W-008234	06/26/11	5S	Commercial car wash; 1,000 GPD wash water discharge	
FPL Energy Maine Hydro	Hollis	W-000581	02/20/09	5R	Bar Mills Hydro Project; 67,000 GPD non-contact cooling water	
A.E. Staley Manufacturing Inc.	Houlton	W-000940	06/26/08	5N	Starch processing facility; 0.04 MGD process water discharge; 0.05 MGD non-contact cooling water discharge	
Penobscot Hydro, LLC	Howland	W-008064	04/01/09	5R	Howland Hydro Project; 1,440 GPD non-contact cooling water	
FPL Energy Maine Hydro	Indian Stream Twp.	W-000572	02/24/09	5R	Indian Pond Hydro Project; 3.89 MGD non-contact cooling water	
National Starch and Chemical Corp.	Island Falls	W-002620	06/06/07	5O	Starch manufacturing facility; 0.12 MGD process water discharge	
Verso Androscoggin LLC	Jay	W-000623	09/21/10	5N	Kraft pulp and paper mill; 51 MGD discharge of process water, sanitary waste water, contact and non-contact cooling waters, landfill leachate, and stormwater	
Maine Wild Blueberry Co.	Jonesboro	W-008236	07/26/11	5P	Blueberry processing facility; process water discharge	
Moosabec Mussels, Inc.	Jonesport	W-008152	05/21/08	5P	Shellfish processing facility; 24,500 GPD process water discharge	
Paul Pray d/b/a Country Mobile Home Park	Kenduskeag	W-003618	12/31/07	5J	Commercial mobile home park; 8700 GPD sanitary waste water discharge	
Portsmouth Naval Shipyard	Kittery	W-003445	05/05/11	5R	Submarine repair & overhaul facility; 33 MGD non-contact condenser & compressor cooling water; misc. dry dock dewatering water & stormwater discharges	
FPL Energy Maine Hydro	Lewiston	W-007658	02/20/09	5R	Lewiston Falls Hydro Project; 700,000 GPD non-contact cooling water	
DEP-Div. of Environmental Assessment	Limerick	W-008156	05/24/10	5U	Aquatic herbicide treatment of Pickerel Pond to control invasive hydrilla verticillata	
Ledgemere Hydro, LLC	Limerick	W-008059	02/24/09	5R	Ledgemere Hydro Project; 22,320 GPD non-contact cooling water	
Lincoln Paper and Tissue	Lincoln	W-000381	01/23/02	5N	Kraft pulp and paper mill; 16.3 MGD process water; 3.0 MGD non-contact cooling water	
Aziscohos Hydro Company	Lincoln Pt.	W-007582	10/26/09	5R	Aziscohos Hydro Project; 270,000 GPD non-contact cooling water	

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LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Knight-Celotex LLC	Lisbon	W-002520	03/09/10	5S	Fiber board manufacturing facility; 3.0 MGD non-contact cooling water	
Maine Electronics	Lisbon	W-007759	08/17/09	5S	Decommissioned circuit board manufacturing facility; 79,000 GPD discharge from DEP-approved groundwater remediation project	
Miller Hydro Group	Lisbon	W-007590	04/01/09	5R	Worumbo Hydro Project; 1.015 MGD non-contact cooling water	
Miller Industries, Inc.	Lisbon	W-001820	06/22/10	5R	Worumbo Textile Mill; 50,000 GPD non-contact cooling water	
Verso Androscoggin LLC	Livermore Falls	W-008067	06/14/09	5R	Otis Hydro Project; 14,400 GPD non-contact cooling water	
Boralex Livermore Falls Inc.	Livermore Falls	W-007705	12/28/05	5O	Wood fired generation facility; 175,000 GPD cooling tower blowdown water and misc. process water & stormwater discharges	
ISF Trading Inc.	Lubec	W-008161	10/16/08	5P	Sea cucumber processing facility; 8,000 GPD process water discharge	
Stolt Sea Farm Maine Inc.	Lubec	W-008183	03/29/09	5Q	Salmon aquaculture facility (Rogers Island North Site)	
Stolt Sea Farm Maine Inc.	Lubec	W-008184	03/30/09	5Q	Salmon aquaculture facility (Booth Site)	
Maine Wild Blueberry Co.	Machias	W-006137	10/26/11	5R	Blueberry processing facility; 70,000 GPD non-contact cooling water	
Atlantic Salmon of Maine	Machiasport	W-007951	02/25/02	5P	Salmon processing facility; 0.021 MGD process water discharge	
Fraser Paper	Madawaska	W-002727	08/17/09	5N	Pulp and paper mill; 15 MGD discharge of process water, landfill leachate water, non-contact cooling water, filter backwash water, and stormwater	
Madawaska Water District	Madawaska	W-002562	11/14/89	5S	Drinking water treatment facility; 30,000 GPD filter backwash discharge	
Madison Paper Industries	Madison	W-008063	04/01/09	5R	Abenaki Hydro Project; 129,600 GPD non-contact cooling water	
Madison Paper Industries	Madison	W-002006	05/24/11	5S	Pulp & paper mill; 10.8 MGD vacuum seal and non-contact cooling water; 2.0 filter backwash discharge	
Freshway, Inc. d/b/a Naturally Potatoes Inc.	Mars Hill	W-007949	12/22/09	5P	Potato processing facility; process waste water discharge	
J&D McCrum Farm	Mars Hill	W-008230	09/06/11	5P	Potato processing facility; process waste water discharge	
WPS New England Generation	Masardis	W-008069	10/26/09	5R	Squa Pan Hydro Project; 4,800 GPD non-contact cooling water	

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2006*
SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Great Lakes Hydro America, LLC	Mattawamkeag	W-008075	03/09/09	5R	Mattaceunk Hydro Project; 144,000 GPD non-contact cooling water	
Lawrence Ray Fishing Industries	Milbridge	W-007894	07/12/01	5P	Sea cucumber processing facility; 15,000 GPD process water	
Daaquam Maine Inc.	Milford	W-002525	10/14/09	5O	Costigan Sawmill; 9,000 GPD non-contact cooling water discharge	
Penobscot Hydro, LLC	Milford	W-002570	04/01/09	5R	Milford Hydro Project; 18,000 GPD non-contact cooling water	
Katahdin Paper, LLC	Millinocket	W-002227	08/01/99	5N	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	
Tex-Tech Industries	Monmouth	W-000631	06/23/09	5R	Textile mill; 85,000 GPD non-contact cooling water	
Aqua Maine Inc.	Moosehead Jct. Twp.	W-008087	11/19/09	5S	Drinking water treatment facility; 2,500 GPD filter backwash discharge	
FPL Energy Maine Hydro	Moscow	W-000573	02/20/09	5R	Wyman Hydro Project; 573,000 GPD non-contact cooling water	
Camp Laurel	Mount Vernon	W-003269	11/07/07	5J	Commercial campground; 30,000 GPD sanitary waste water discharge	
Irving Forest Products Inc.	Nashville Plt.	W-007883	05/28/09	5S	Sawmill; 8000 GPD debarking hot pond & boiler blowdown water discharges	
Dept. of Inland Fisheries & Wildlife	New Gloucester	W-002030	07/05/11	5Q	New Gloucester Fish Rearing Ponds; 3.0 MGD process water discharge	
New Sharon Water District	New Sharon	W-007693	06/29/09	5S	Drinking water treatment facility; 6,000 GPD filter backwash discharge	
United Technologies/Pratt & Whitney	North Berwick	W-002749	03/15/07	5N	Jet engine parts manufacturer; 50,000 GPD process water discharge	
Town of North Haven	North Haven	W-008142	06/18/07	5S	Drinking water treatment facility; 2000 GPD filter backwash discharge	
Dept. of Inland Fisheries & Wildlife	Norway	W-008231	06/15/11	5U	Aquatic pesticide treatment of Big Speck Pond to control invasive fish species	
Messalonskee Stream Hydro LLC	Oakland	W-000577	02/24/09	5R	Rice Rips (M3) Hydro Project; 26,900 GPD non-contact cooling water	
Messalonskee Stream Hydro LLC	Oakland	W-000585	02/24/09	5R	Oakland (M2) Hydro Project; 48,000 GPD non-contact cooling water	
Red Shield Environmental LLC	Old Town	W-002226	08/06/07	5N	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	

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2006*
SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Old Town Water District	Old Town	W-007706	06/14/09	5S	Drinking water treatment facility; 95,000 GPD filter backwash discharge	
PP&L Great Works, LLC	Old Town	W-008068	04/01/09	5R	Great Works Hydro Project; 88,560 GPD non-contact cooling water	
Balsam Cove Campground	Orland	W-007874	06/24/07	5J	Commercial campground; 3700 GPD sanitary waste water discharge	
Craig Brook National Fish Hatchery	Orland	W-001285	11/19/09	5Q	Federal salmonid hatchery; 3.5 MGD process water discharge	
G.M. Allen & Sons	Orland	W-007791	10/26/09	5P	Blueberry processing facility; 67,880 GPA process water discharge	
Orono-Veazie Water District	Orono	W-007954	08/05/09	5S	Drinking water treatment facility; 92,000 GPD filter backwash discharge	
University of Maine	Orono	W-008153	03/28/08	5S	30,000 GPD filter backwash discharge from University swimming pool	
Holtrachem Manufacturing Co.	Orrington	W-001048	12/31/03	5N	Chlorine manufacturing facility; 0.15 MGD process water discharge	
Penobscot Energy Recovery Co.	Orrington	W-006893	06/29/09	5O	Refuse fired generating facility; 22,500 GPD non-contact cooling water; boiler blowdown water, misc. process waters	
Robinson Manufacturing Co.	Oxford	W-000612	12/16/08	5N	Textile mill; 0.5 MGD process water and sanitary waste water discharge; 200,000 GPD non-contact cooling water discharge	
Dept. of Inland Fisheries & Wildlife	Palermo	W-002035	02/20/11	5Q	Palermo Fish Rearing Station; 4.75 MGD process water discharge	SNC
Kezar Falls Hydro LLC	Parsonsfield (Kezar Falls)	W-008060	02/20/09	5R	Kezar Falls Hydro Project; 22,320 GPD non-contact cooling water	
Robinson Manufacturing Co.	Parsonsfield (Kezar Falls)	W-000920	03/12/07	5R	Textile mill; 75,000 GPD non-contact cooling water	
Passamaquoddy Water District	Perry	W-007568	10/04/09	5S	Drinking water treatment facility; 75,000 GPD filter backwash discharge	
Dept. of Inland Fisheries & Wildlife	Phillips	W-002036	08/01/11	5Q	Phillips Fish Rearing Station; 0.36 MGD process water discharge	
Dead River Fish Hatchery	Pierce Pond Township	W-000905	12/19/10	5Q	Commercial fish hatchery and rearing station; 1.5 MGD process water discharge	
Soil Preparation, Inc.	Plymouth	W-007882	07/02/08	5J	Septage dewatering and composting facility; 20,000 GPD discharge	
City of Portland	Portland	W-007871	05/03/05	5V	Snow dump; discharge to tidewater	
Heritage Acquisition Corp.	Portland	W-000980	02/06/09	5R	Baked bean processing facility; 525,000 GPD non-contact cooling water	

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2006*
SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
I.S.F. Trading Company	Portland	W-007808	12/14/09	5P	Sea urchin and shrimp processing facility; 10,000 GPD process water discharge	SNC
Golden Gate Park	Presque Isle	W-008159	05/28/08	5J	Commercial mobile home park; 44,000 GPD sanitary waste water discharge	
McCain Foods, Inc.	Presque Isle	W-008085	06/11/07	5N	Potato processing facility; 4.0 MGD process water and sanitary waste water	
Presque Isle Water District	Presque Isle	W-002618	11/23/09	5S	Drinking water treatment facility; 90,000 GPD filter backwash discharge	
Atlantic Salmon Maine, Inc.	Rangeley	W-004701	12/30/10	5Q	Commercial salmon hatchery; 12 MGD process water discharge	
FMC Biopolymer	Rockland	W-001999	08/13/07	5R	Carageenan manufacturing facility; 15.5 MGD contact and non-contact cooling water discharge	
Town of Rockland	Rockland	W-007939	12/28/11	5V	Snow dump; discharge to tidewater	
Town of Rockport	Rockport	W-008134	10/03/11	5V	Snow dump; discharge to tidewater	
Rumford Paper Company	Rumford	W-000955	09/21/10	5N	Kraft pulp and paper mill (formerly Boise Cascade); 34 MGD process water & landfill leachate water discharge; 47 MGD non-contact cooling water discharge	
Rumford Falls Hydro LLC	Rumford	W-008083	04/01/09	5R	Rumford Falls Hydro Project; 145,000 GPD non-contact cooling water	
FPL Energy Maine Hydro	Saco	W-000584	02/20/09	5R	Cataract Hydro Project; 196,000 GPD non-contact cooling water	
CYRO Industries	Sanford	W-001914	11/21/10	5R	Plastics manufacturing facility; 300,000 GPD non-contact cooling water	
Pine Tree Trout Fish Hatchery	Sanford	W-008245	12/22/11	5Q	Commercial trout hatchery and rearing facility; 72,000 GPD process water discharge	
Bayley's Quality Seafood	Scarborough	W-000990	08/13/07	5P	Shellfish processing facility; 49,490 GPD shrimp and clam process water discharge	SNC
DEP-Div. of Environmental Assessment	Scarborough	W-008221	06/10/10	5U	Aquatic herbicide treatment of Pond 6436 to control invasive Eurasian milfoil	
C.H. Sprague & Son, Inc.	Searsport	W-002564	04/14/09	5S	Fuel oil terminal/transfer facility; storm water discharge	
GAC Chemical Corporation	Searsport	W-002530	03/21/11	5S	Industrial chemical manufacturer (formerly General Alum); 124,000 GPD non-contact cooling water, process water, and storm water discharges	SNC, EL
Irving Oil Terminals, Inc.	Searsport	W-000942	03/09/10	5S	Fuel oil terminal/transfer facility; storm water discharge	
Irving Oil Terminals, Inc.	Searsport	W-001373	03/09/10	5S	Fuel oil terminal/transfer facility; storm water discharge	

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2006*
SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
FPL Energy Maine Hydro	Skowhegan	W-000583	02/20/09	5R	Weston Hydro Project; 576,000 GPD non-contact cooling water	
Skowhegan State Fairgrounds Association	Skowhegan	W-008233	12/22/11	5V	Snow dump; discharge to mapped sand and gravel aquifer	
Camp Matoaka, Inc.	Smithfield	W-006097	07/22/10	5J	Commercial summer camp; 18,000 GPD sanitary waste water discharge	
Thomas Massey Ltd.	South Bristol	W-007095	07/29/07	5P	Shellfish processing facility; 22,500 GPD washing and cooking water discharge	
Clean Harbors Environmental Services, Co.	South Portland	W-000647	07/29/09	5S	Fuel oil terminal/transfer facility; storm water discharge	
ExxonMobil Oil Corporation	South Portland	W-002653	01/01/09	5S	Fuel oil terminal/transfer facility; storm water discharge and treated tank bottom discharge water	
Global Companies, LLC	South Portland	W-002565	04/14/11	5S	Fuel oil terminal/transfer facility; storm water discharge	SNC
Gulf Oil Limited Partnership	South Portland	W-000737	12/06/09	5S	Fuel oil terminal/transfer facility; storm water discharge	
Citgo Petroleum Corp.	South Portland	W-000637	01/21/10	5S	Fuel oil terminal/transfer facility; storm water discharge	
Portland Pipeline Corporation	South Portland	W-002651	06/29/09	5S	Fuel oil terminal/transfer facility; storm water discharge	
Sprague Energy Corp.	South Portland	W-000886	11/06/11	5S	Fuel oil terminal/transfer facility; storm water discharge	
Great Eastern Mussel Farms Inc.	St. George	W-003993	07/10/07	5P	Shellfish washing and packing facility; 0.72 MGD process water discharge	
First Technology/ Control Devices, Inc.	Standish	W-000643	11/21/10	5N	Manufacturer of electronic components; 0.025 MGD process water and non-contact cooling water discharge	
Island Aquaculture Company Inc.	Swans Island	W-008174	10/16/08	5Q	Salmon and cod aquaculture facility (Toothacher Cove site)	
Great Lakes Hydro America, LLC	T3 Indian Purchase	W-008078	03/09/09	5R	North Twin Hydro Project; 36,000 GPD non-contact cooling water	
Great Lakes Hydro America, LLC	T3 R11	W-008079	03/09/09	5R	Ripogenus Hydro Project; 691,200 GPD non-contact cooling water	
Brassua Hydro Limited Partnership	Taunton & Raynham Twp.	W-008054	12/16/08	5R	Brassua Hydro Project; 14,400 GPD non-contact cooling water	

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2006*
SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Topsham Hydro Partners	Topsham	W-008058	04/02/09	5R	Pejepscot Hydro Project; 349,920 GPD non-contact cooling water	
DeCoster Egg Farms	Turner	W-001494	02/22/10	5R	Chicken egg hatchery; 7,000 GPD non-contact cooling water	
Quality Egg of New England	Turner	W-008094	02/08/10	5O	Commercial egg production facility; 19,500 GPD egg wash water and sanitary waste water discharge	
Casco Bay Energy Co., L.C.C.	Veazie	W-008016	03/08/11	5O	Combined cycle natural gas-fired generating facility; 1.96 MGD filter backwash water, demineralization water, cooling tower blowdown water, and boiler blowdown water	
Penobscot Hydro, LLC	Veazie	W-002568	04/01/09	5R	Veazie Hydro Project; 60,550 GPD non-contact cooling water	
Osram Sylvania	Waldoboro	W-000714	10/03/11	5N	Light bulb filament manufacturing facility; 10,000 GPD treated groundwater discharge	
Aqua Maine Inc.	Warren	W-008214	04/25/10	5S	Drinking water treatment facility; 1,250 GPD filter backwash discharge	
Waterways, Inc.	Waterboro	W-008129	09/25/06	5S	Commercial car wash facility; 700 GPD wash water discharge	
Maine Central Railroad	Waterville	W-006634	04/04/11	5O	Railroad locomotive and railcar repair facility; 144,000 GPD process waste water & storm water discharges	
S.D. Warren	Westbrook	W-002224	07/02/07	5N	Paper mill; 15 MGD process water and filter backwash water discharge; 12 MGD non-contact cooling water discharge	
UAH-Hydro Kennebec Ltd. Partnership	Winslow	W-007579	02/23/09	5R	Hydro Kennebec Project; 232,000 GPD non-contact cooling water	
Dorothy Egg Farm	Winthrop	W-008103	09/28/10	5P	Commercial egg production facility; 3,000 GPD egg wash and sanitary waste water discharge	
FPLE Mason LLC	Wiscasset	W-000599	11/04/08	5R	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	
Town of Wiscasset	Wiscasset	W-007711	09/23/09	5V	Snow dump; discharge to tidewater	
Bath Water District	Woolwich	W-008140	06/17/07	5S	Drinking water treatment facility; 283,000 GPD filter backwash discharge	

NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2006*
SORTED BY LOCATION

(See key to column headings at the end of the appendix)

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
FPLE Wyman LLC	Yarmouth	W-000634	09/03/08	5R	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	
The Goldenrod	York	W-002862	05/20/10	5R	Restaurant & candy factory; 20,000 GPD non-contact cooling water discharge	

TOTAL LICENSED Non-POTWs: 215

*(Does not include Finfish Aquaculture Facilities licensed under General Permit #MEG130000 - See Appendix C.)

LICENSEE	Name of license holder.
LOCATION	Municipality in which discharge is located.
LICENSE #	DEP waste water facility/license number.
EXP. DATE	Expiration date of last DEP license issued for the facility.
TYPE	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 5Z Experimental discharge license

COMPLIANCE STATUS Indicates if the facility was in Significant Non Compliance (SNC) or Exceptions List (EL) during the year. A blank space in this column indicates Substantial Compliance. For those facilities that were in SNC or EL a summary of the non compliance can be found in Appendices D and E.

NOTES Notes identify type of facility, volume and type of license discharge(s), facilities for which toxics testing is required, discharges for which a thermal mixing zone has been approved, seasonal-only discharges, special facility information, and EPA major facilities.

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 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 four licenses are for both surface water and seasonal land application discharges: A.E. Staley—Houlton (type 5N); Jasper Wyman—Cherryfield (type 5P); Cherryfield Foods—Cherryfield (type 5P); Hancock Foods—Hancock (type 5P).
3. The following five licenses include approvals for thermal mixing zones: Domtar—Baileyville (type 5N); MERC—Biddeford (type 5R); Katahdin Paper—Millinocket (type 5N); Mead Paper—Rumford (type 5N); S.D. Warren—Westbrook (type 5N).
4. The following twelve licensed facilities are currently shut down or are not discharging: American Tissue Mills—Augusta (type 5N); Louisiana Pacific Corp—Baileyville (type 5R); Stinson Seafood—Bath (type 5P); WPS New England Generation—Caribou (type 5R); Connors Aquaculture—Deblois (type 5Q); Atlantic Salmon of Maine—Emden (type 5Q); Atlantic Salmon of Maine—Machiasport (type 5P); Holtrachem—Orrington (type 5N); Thomas Massey—South Bristol (type 5P); Town of Vinalhaven—Vinalhaven (type 5P); and Osram Sylvania—Waldoboro (type 5N).
5. The following two licensed facilities are currently in operation but are not discharging: Lisbon—Maine Electronics (type 5S); and Standish—First Technology (type 5N).
6. The following three facilities are licensed for the discharge of treated groundwater from a groundwater remediation project: Osram Sylvania—Waldoboro (type 5N); Invensys Inc.—Kittery (type 5R); Maine Electronics—Lisbon (type 5S).
7. All land application discharges are seasonal, except for Freshway—Mars Hill (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.

**APPENDIX C
Finfish Aquaculture**

	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

NOTE: General Permit MEG130000 expires June 19, 2008.

APPENDIX D

Point Source Dischargers on the Exceptions List (EL)

CALENDAR YEAR 2006

Facility	Parameter(s)	Status (EL)*
Brunswick & Topsham Water District	Total Suspended Solids Actions Experienced a number of problems at the plant with backwashing cycles and sampling and analytical protocol. They have started pilot project to study options for TSS removal. Permit may be modified based on performance of proposed treatment.	All 4 Quarters
Castine	Suspended Solids Actions Violations due to rain events that washed out the treatment system. Consent agreement with corrective actions signed July 2006.	1 st Quarter
GAC General Alum	Ammonia Actions Experienced various ammonia violations. License modified with new limits due to changes at facility.	1 st Quarter
Kennebunk	Total Residual Chlorine Actions Experienced various violations due to some equipment failure and some problems with the disinfecting chemicals being used. Have installed some new equipment to attempt to resolve issues.	3 rd & 4 th Quarters
Lewiston Auburn Water Pollution Control Authority	Suspended Solids Actions Facility experienced some excessive growth of filaments in their system causing solids to wash out. DEP worked with the facility to provide technical assistance to reduce the number of filaments in the system and restore balanced operation conditions.	2 nd Quarter

Point Source Dischargers on the Exceptions List (EL)
CALENDAR YEAR 2006

Facility	Parameter(s)	Status (EL)*
Machias	Flow Actions Flow problems at plant due to broken flow meter not reading properly. Situation corrected.	1 st Quarter
Paris Utilities District	Copper Actions Continuation of copper violations experienced at this facility. Consent agreement being negotiated between DEP and PUD to specify corrective actions and facility upgrades.	4 th Quarter
Portland Water District Portland	Total Residual Chlorine Fecal Coliform Actions Facility experienced some isolated TRC and Fecal violations due to flow pacing and disinfection equipment operation. Facility is continuously adjusting process control to properly disinfect wastewater flow which can vary greatly in quantity during rainfall events.	2 nd Quarter 3 rd Quarter
Winterport	Flow Actions Winterport has an inflow and infiltration problem that causes them to have flow violations during high groundwater and rainfall events. The community is actively working to reduce excessive flows.	4 th Quarter
Yarmouth Sea Meadows Subdivision	Flow Actions Facility experiencing flow problems but has been working on system to identify any I&I sources that could be eliminated.	1 st & 2 nd Quarter

* 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 2006

Facility	Parameter(s)	Status (SNC)*
Bayley's Quality Seafood, Scarborough	Suspended Solids Actions Experienced some problems at the facility due to a screen being improperly installed. Screen has been repaired.	1 st Quarter
Bath	Suspended Solids Actions Experienced some operational problems due to slow settling and nutrient deficient conditions. Adjusted process control strategy to bring facility into compliance.	1 st Quarter
Department of Inland Fisheries & Wildlife Augusta	Phosphorus Actions IF&W facilities have experienced various violations throughout 2006. DEP and IF&W working together to rectify these situations.	3 rd Quarter
Department of Inland Fisheries & Wildlife Casco	Phosphorus Actions IF&W facilities have experienced various violations throughout 2006. DEP and IF&W working together to rectify these situations.	3 rd Quarter
Department of Inland Fisheries & Wildlife Gray	Phosphorus Actions IF&W facilities have experienced various violations throughout 2006. DEP and IF&W working together to rectify these situations.	3 rd Quarter
Department of Inland Fisheries & Wildlife Palermo	Formalin Actions IF&W facilities have experienced various violations throughout 2006. DEP and IF&W working together to rectify these situations. IF&W staff doing work to resolve formalin situation.	2 nd & 4 th Quarter

Point Source Dischargers in Significant Non-Compliance (SNC)
CALENDAR YEAR 2006

Facility	Parameter(s)	Status (SNC)*
GAC Chemical Corporation, Searsport	Ammonia	1 st Quarter
	<p>Actions Experienced various ammonia violations. License modified with new limits due to changes at facility.</p>	
Global Companies, LLC, South Portland	Total Suspended Solids	1 st Quarter
	<p>Actions Facility has installed flow restriction on its separators. Had issues with TSS, appears to have been resolved. TSS was related to excavation performed in 2004/2005. Dyke has been stabilized.</p>	
ISF Trading Company, Portland	Oil & Grease	1 st Quarter
	Low pH	2 nd Quarter
<p>Actions Facility has had a few problems. Compliance staff have invested a significant amount of time communicating with this license holder about the requirements of the license.</p>		
Jasper Wyman & Sons, Cherryfield	Biochemical Oxygen Demand	1 st Quarter
	<p>Actions Wyman facility experienced some isolated BOD violations at the facility. Compliance staff monitoring the situation.</p>	
Kennebunk	Total Residual Chlorine	2 nd Quarter
	<p>Actions TRC violations due to flooding and high flows at plant exacerbated by some instrumentation problems with some new equipment.</p>	
Lewiston Auburn Water Pollution Control Authority	Suspended Solids	1 st Quarter
	<p>Actions Facility experienced some excessive growth of filaments in their system causing solids to wash out. DEP worked with the facility to provide technical assistance to reduce the number of filaments in the system and restore balanced operation conditions.</p>	

Point Source Dischargers in Significant Non-Compliance (SNC)
CALENDAR YEAR 2006

Facility	Parameter(s)	Status (SNC)*
Limerick	Total Suspended Solids % Removal	2 nd Quarter
	<p>Actions Limerick has a two lagoon wastewater treatment system that has experienced some TSS percent removal violations. These violations took place in the late winter and early spring months and are likely attributable to algae, high flows, and turnover in the lagoons.</p>	
Limestone	Biochemical Oxygen Demand % Removal	1 st Quarter
	<p>Actions Limestone has been plagued with I&I problems and has continued to work on those and other maintenance items to try to tighten up the collection system so that plant operations during wet weather are more stable.</p>	
McCrum LLC, Belfast	Oil & Grease	1 st Quarter
	<p>Actions Facility had experienced some oil & grease violations. DEP worked with the facility to see that new oil & grease skimmers were installed at the facility and that the operations plans were modified to get a better handle on the oil & grease problem.</p>	
North Haven	Fecal Coliform	3 rd Quarter
	Total Residual Chlorine, BOD % Removal	2 nd Quarter
	<p>Actions Facility has had some ongoing problems with their flow meter and some sporadic problems with their disinfection system. Department has issued a number of correspondence including a Notice of Violation for these problems.</p>	
Northport Village Corporation	Flow	1 st Quarter
	<p>Actions Facility experienced an isolated incident of excessive flow causing a violation.</p>	

Point Source Dischargers in Significant Non-Compliance (SNC)
CALENDAR YEAR 2006

Facility	Parameter(s)	Status (SNC)*
Paris Utilities District	Copper Actions Facility has experienced a consistent pattern of copper violations. DEP is currently negotiating a consent agreement with the District for these violations and working on a solution to these problems by modifying the treatment works.	3 rd Quarter
Portland Water District, Portland	Fecal Coliform Total Residual Chlorine Actions Facility experienced some isolated TRC and Fecal violations due to flow pacing and disinfection equipment operation. Facility is continuously adjusting process control to properly disinfect wastewater flow which can vary greatly in quantity during rainfall events	2 nd , 3 rd , 4 th Quarter 2 nd Quarter
Presque Isle WWTP	Flow & Total Residual Chlorine Actions Presque Isle has experienced significant problems with flow and TRC problems with their swirl separator. As part of the consent agreement, DEP required a corrective action plan be submitted for how they were going to overcome these problems. Changes have been implemented at this unit.	1 st & 2 nd Quarter
Sorrento	Total Residual Chlorine Fecal Coliform Actions Facility has experienced ongoing problems with the system due to intermittent low flows. DEP has been working with licensee to pursue possibility of removing this discharge and constructing a land treatment system in place.	2 nd Quarter 3 rd Quarter
Winter Harbor	Flow Actions Facility had experienced some flow problems and has been working to remove sources of inflow and infiltration to reduce some of the sources of the flow problems.	1 st Quarter

Point Source Dischargers in Significant Non-Compliance (SNC)
CALENDAR YEAR 2006

Facility	Parameter(s)	Status (SNC)*
Winterport	Flow Actions Winterport has an inflow and infiltration problem that causes them to have flow violations during high groundwater and rainfall events. The community is actively working to reduce excessive flows.	All 4 Quarters

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

APPENDIX F
MAINE – COMBINED SEWER OVERFLOW (CSO) COMMUNITY LIST
 (AS OF DECEMBER 31, 2006)

COMMUNITY	CSOs	Number of CSOs & Receiving Water
1. AUBURN SD	5	4-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	7	6-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. DOVER-FOXCROFT	4	1-Penobscot Rv., 3-Piscataquis Rv.
14. EAST MILLINOCKET	1	1-Penobscot Rv.
15. FAIRFIELD	2	2-Kennebec Rv.
16. GARDINER	2	1-Kennebec Rv., 1-Rolling Dam Bk.
17. HALLOWELL WD	1	1-Kennebec Rv.
18. HAMDEN	1	1-Soudabscook Str.
19. KENNEBEC STD	3	3-Kennebec Rv.
20. LEWISTON	24	10-Androscoggin Rv., 1-Gully Bk., 2-Hart Bk., 11-Jepson Bk.
21. LEWISTON-AUBURN WPCA	1	1-Androscoggin Rv.
22. MACHIAS	2	2-Machias Rv.
23. MADAWASKA	2	2-St. John Rv.
24. MECHANIC FALLS SD	1	1-Little Androscoggin Rv.
25. MILFORD	1	1-Penobscot Rv.
26. MILO WD	3	1-Pleasant Rv., 2-Sebec Rv.
27. OLD TOWN	3	2-Penobscot Rv., 1-Stillwater Rv.
28. ORONO	1	1-Penobscot Rv.
29. PARIS UD	1	1-Little Androscoggin Rv.
30. PORTLAND – CITY	12	6-Back Cove, 3-Capiscic Bk., 2-Portland Harbor., 1-Marsh
31. PORTLAND – PWD	21	9-Back Cove, 3-Casco Bay, 7-Fore Rv., 2- Portland Harbor
32. RANDOLPH	1	1-Kennebec Rv.
33. ROCKLAND	3	3-Rockland Harbor
34. SACO	5	1-Bear Bk., 4-Saco Rv.
35. SANFORD SD	2	2-Mousam Rv.
36. SKOWHEGAN	9	9-Kennebec Rv.
37. SOUTH PORTLAND	5	1-Barberry Ck., 1-Fore Rv., 1-Long Ck., 2-Portland Hbr.,
38. WESTBROOK	5	5-Presumpscot Rv.
39. WINSLOW	1	1-Sebasticook Rv.
40. WINTERPORT SD	1	1-Penobscot Rv.
TOTAL CSOs		193

39 CSO Permits, permitting 36 of 37 CSO Towns/Cities

Two or more permits in one CSO Town/City

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

APPENDIX H

OBD Facilities in Significant Non-Compliance (SNC)

CALENDAR YEAR 2006

Facility	Parameter(s)	Status (SNC)*
MEU503918 Beloins Motel, Camden	Fecal Coli, TSS Actions: Operator to try using a biological additive to improve the system performance along with different disinfection tabs to improve bacteria kill. If these measures don't work, owner will have to upgrade the treatment system.	3 rd quarter
MEU507046 Town of Bristol, restaurant	Fecal Coli., TSS, BOD Actions: Much of the problem is that there is not enough flow to allow the system to operate properly. To remedy this, the operator is going to use a biological enhancer along with faster acting disinfection tabs and improved grease removal.	3 rd quarter
Lincolnvile Beach Sanitary, Lincolnvile	Fecal Coli., TRC Actions: Owner and operator are formulating a plan to upgrade and improve disinfection system. There is also attention to the process control to improve system performance.	3 rd quarter
MEU502012 J. H. Bean School, MSAD 47, Oakland	E coli Actions: After the 2 violations mid-year, the facility got the disinfection under control and did not have another violation for the year.	2 nd quarter
MEU508084 Jasper Wymann & Son, Cherryfield 002B	E coli Actions: Received a plan from the contract operator detailing operational procedures to improve system performance.	3 rd quarter
ME0022489 Lawnmeer Inn	Fecal Coli. Actions: Facility had problems early in the year with the distribution system that led to violations. Filter bed was repaired and compliance improved.	3 rd quarter
MSAD #52, Turner	Flow, BOD Actions: Met with operator and contract operator to determine problems and solution. Some minor upgrades to the plant and changes in process control should improve performance.	1 st - 4 th quarters
MEU501971 Narraguagus Estates, Cherryfield	Fecal Coli, TRC Actions: One of the three filter beds failed and was repaired in the fall of 2006. That along with stepped up monitoring to improve disinfection unit performance should bring the system into compliance.	3 rd quarter
Penobscot Nursing Home, Penobscot	Fecal Coli. Actions: The nursing home is in the process of installing a sub-surface treatment system which will eliminate the OBD. Construction of the new system is expected to be completed in the fall of 2007.	1 st - 4 th quarters

OBD Facilities in Significant Non-Compliance (SNC)

CALENDAR YEAR 2006

Facility

Parameter(s)

Status (SNC)*

<p>MEU502232 Sea Gull Shop, Bristol</p>	<p>Fecal Coli. 3rd quarter Actions: Operator to start using a biological enhancer to improve treatment plant efficiency, and will use a different type of disinfection tablet to achieve better bacteria kill.</p>
<p>MEU508061 Stephen Gray</p>	<p>Fecal Coli. 3rd quarter Actions: Owner and contractor working on improvements and upgrades to the disinfection system to eliminate violations. Work to be completed before the start of the season.</p>

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

APPENDIX I

Projects funded by the Clean Water State Revolving Loan Fund (CWSRF) during
the State Fiscal Year 2006:

PROJECT	PROJECT AMOUNT
ANSON-MADISON SANITARY DISTRICT: Sewer rehabilitation	\$1,279,780
AUGUSTA SANITARY DISTRICT: Riggs Brook pump station upgrade (increase to a prior commitment)	\$1,000,000
CITY OF BATH: Treatment plant upgrade	\$350,000
CITY OF BELFAST: Sewer separation as part of its CSO master plan	\$2,500,000
CITY OF BREWER: Sewer separation as part of its CSO master plan	\$448,000
CITY OF CALAIS: CSO master plan development	\$60,000
TOWN OF CAPE ELIZABETH: Sewer rehabilitation	\$3,510,000
CARRABASSETT VALLEY SANITARY DISTRICT: Refinance of an existing RD loan for plant upgrade work	\$185,220
HOULTON WATER COMPANY: Refinance of an existing RD loan for sewer rehabilitation	\$533,193
KENNEBUNK SEWER DISTRICT: Treatment plant upgrade	\$2,140,000
KENNEBUNK SEWER DISTRICT: Treatment plant upgrade increase	\$860,000
LEWISTON-AUBURN WATER POLLUTION CONTROL AUTHORITY: Composting facility and aeration blower replacement	\$2,000,000
TOWN OF LISBON: Headworks upgrade and sludge storage	\$500,000
MOOSEHEAD SANITARY DISTRICT: Pump station upgrade	\$380,000
TOWN OF NORRIDGEWOCK: Refinance of an existing RD loan for plant and sewer construction plus new construction of a river siphon	\$1,053,986
TOWN OF ORONO: interim loan for treatment plant upgrade	\$7,000,000
PORTLAND WATER DISTRICT: Cottage Place and East Bridge St. P.S. upgrade in Westbrook	\$1,600,000
PORTLAND WATER DISTRICT: Disinfection upgrade	\$1,900,000
PORTLAND WATER DISTRICT: Westbrook scum removal equipment	\$126,000
STONINGTON SANITARY DISTRICT: Refinance of existing RD loan for plant and sewer construction plus new septage storage tank	\$341,000
WELLS SANITARY DISTRICT: Dewatering equipment and sludge storage tanks	\$2,300,000
TOTAL	\$30,067,179

APPENDIX J

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 small, poor 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 2007. These needs are determined from engineering studies and Capital Improvement Plans for cities and districts.

MAINE WASTEWATER FACILITIES NEEDS
JANUARY 2007

Municipality or District	Proposed Project	Costs Next Five Years	Total Costs (up to 15 years)
Ashland	sewer extension	\$292,242	\$292,242
Auburn S.D.	CSO Sewers	\$7,864,059	\$11,158,463
Augusta S.D.	CSO Sewers	\$12,986,815	\$17,981,744
Augusta S.D.	WWTF Disinfection Upgrade	\$1,168,966	\$1,168,966
Baileyville	Sewer rehabilitation	\$3,000,000	\$3,000,000
Bangor	CSO Sewer Work	\$6,122,766	\$6,122,766
Bar Harbor	CSO Sewer Work	\$1,099,581	\$7,697,070
Bath	CSO Sewer Work	\$1,130,117	\$3,575,280
Belfast	CSO Sewer Work	\$4,255,000	\$4,255,000
Bethel	TMDL study to be done	\$0	\$0
Biddeford	CSO Sewer Work	\$15,228,645	\$15,228,645
Bingham	Sewer Rehab	\$1,159,847	\$1,159,847
Brewer	CSO Sewer Work	\$4,500,000	\$4,500,000
Calais	WWTP Upgrade	\$3,704,519	\$5,283,965
Calais	CSO Sewer Work	\$4,433,903	\$10,199,508
Cape Elizabeth	CSO Sewer Work	\$1,924,736	\$1,924,736
Carmel	WWTF & Sewers	\$1,181,409	\$1,181,409
Castine	WWTP Upgrade	\$3,000,000	\$3,000,000
Dover-Foxcroft	TMDL study to be done	\$0	\$0
Dover-Foxcroft	CSO Sewer Work	\$1,440,209	\$1,440,209
Eagle Lake	Addition of offices and storage	\$104,191	\$104,191
Ellsworth	New treatment plant&outfall	\$14,999,320	\$14,999,320
Farmington	TMDL study to be done	\$0	\$0
Hallowell W.D.	CSO Sewer Work	\$77,154	\$77,154
Hampden	CSO Sewer Work	\$1,244,752	\$1,244,752
Houlton	WWTP upgrade	\$7,013,796	\$7,013,796
Jonesport	WWTF & Sewers	\$10,257,605	\$10,257,605
K.S.T.D.	CSO Sewer Work	\$1,543,081	\$4,073,734
Kennebunk	TMDL study to be done	\$0	\$0
Kennebunk	WWTP Upgrade (Phase II)	\$7,201,044	\$7,201,044

Kennebunkport	Influent P.S. and influent screens	\$394,256	\$394,256
LAWPCA	WWTF Upgrade	\$9,865,415	\$18,497,653
Lewiston	CSO Sewer Work	\$10,864,558	\$18,853,204
Limestone	Loring/Limestone to Aroos.	\$24,937,361	\$24,937,361
Lincoln S.D.	WWTF Upgrades	\$2,057,441	\$2,057,441
Lincolntonville	Beach & Center WW facilities	\$8,262,886	\$8,262,886
Livermore Falls	TMDL study to be done	\$0	\$0
Livermore Falls	sewer rehabilitation	\$422,479	\$422,479
Machias	WWTF upgrade & CSO Sewer Work	\$2,674,674	\$2,674,674
Madawaska	CSO Sewer Work	\$2,086,701	\$2,086,701
Mechanic Falls S.D.	CSO Sewer Work	\$1,028,721	\$1,028,721
Milbridge	WWTF upgrade	\$999,619	\$5,890,757
Millinocket	I/I Removal	\$1,998,944	\$1,998,944
Milo W.D.	CSO Sewer Work	\$1,440,209	\$1,440,209
Mt. Desert	WWTF Upgrade/PS/FM	\$0	\$6,260,794
Newport	TMDL study to be done	\$0	\$0
Newport SD	I/I Removal	\$216,848	\$2,040,922
North Haven	I/I Removal	\$630,805	\$630,805
North Jay	TMDL study to be done	\$0	\$0
Northport	Upgrade plant & extend outfall	\$3,288,815	\$3,288,815
Oakland	new or upgrade plant	\$7,000,000	\$7,000,000
Ogunquit	P.S. upgrade and F.M. replacement	\$1,168,966	\$1,168,966
Old Orchard	Seven P.S. upgrades	\$6,172,324	\$6,172,324
Old Town	CSO Sewer Work	\$2,057,441	\$2,057,441
Paris U.D.	WWTF Upgrade	\$11,885,060	\$11,885,060
Paris U.D.	CSO Sewer Work	\$257,180	\$257,180
Pass. Ind. Twnshp.	WWTF Upgrade & Sewer	\$2,057,441	\$2,057,441
Patten	sewer ext. to protect well	\$292,242	\$292,242
Portland	CSO Sewer Work	\$37,939,217	\$43,917,112
Portland W.D.	WWTF Upgrade-Portland	\$4,552,621	\$4,552,621
Portland W.D.	WWTF Upgrade-Westbrook	\$7,763,916	\$7,763,916
Portland W.D.	P.S. -Cumberland	\$258,191	\$258,191
Portland W.D.	P.S. Upgrades - Cape Eliz.	\$1,290,957	\$1,290,957
Portland W.D.	Little Falls WW Conveyance	\$6,245,628	\$6,245,628
Presque Isle S.D.	Outfall Extension	\$4,500,000	\$4,500,000
Randolph	CSO Sewer Work	\$102,872	\$102,872
Rumford	TMDL study to be done	\$0	\$0
Sabattus	TMDL study to be done	\$0	\$0
Saco	Sewer extension Rt. 1	\$4,114,883	\$4,114,883
Saco	CSO Sewer Work	\$530,000	\$530,000
Sanford	Phase II - Tertiary Treatment Upgrade	\$1,996,840	\$1,996,840
Sanford S.D.	CSO Sewer Work	\$462,924	\$462,924
South Portland	CSO Sewer Work,PS,WWTF	\$2,571,802	\$2,571,802
Stockton Springs	sewer extension	\$8,974,103	\$8,974,103
Topsham	sewer rehab	\$605,349	\$605,349
Vassalboro	TMDL study to be done	\$0	\$0
Washburn	WWTF upgrade & sewer ext	\$605,967	\$605,967
West Bath	WWTF & Sewers	\$2,129,730	\$2,129,730
Westbrook	CSO Sewer Work	\$255,442	\$255,442
Windham, North	New sewer sys & plant	\$0	\$30,661,711
Winterport S.D.	CSO Sewer work	\$1,500,000	\$2,398,249

Winthrop S. D.	sewer lining	\$642,931	\$642,931
Yarmouth	TMDL study to be done	\$0	\$0
York S.D.	Main St./Shore Rd. Sewer	\$1,400,000	\$1,400,000
TOTAL		\$307,437,518	\$401,779,950