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**Report to the 122<sup>nd</sup> Maine Legislature**

## **Status of Licensed Discharges**

**Joint Standing Committee on Natural Resources  
Senator Scott Cowger, Chair  
Representative Theodore Koffman, Chair**

**Prepared by the:**

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

**April, 2006**



## **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.

Licensed discharges are from 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 are also from sources such as small commercial and residential overboard dischargers (OBDs). The status of point source dischargers and OBDs are summarized separately in this report.

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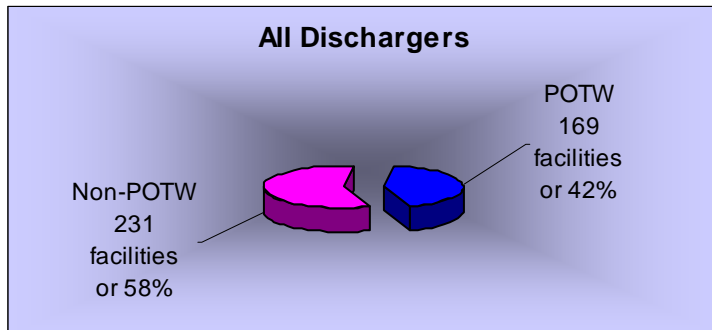
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## Summary of Point Source Discharges by Type

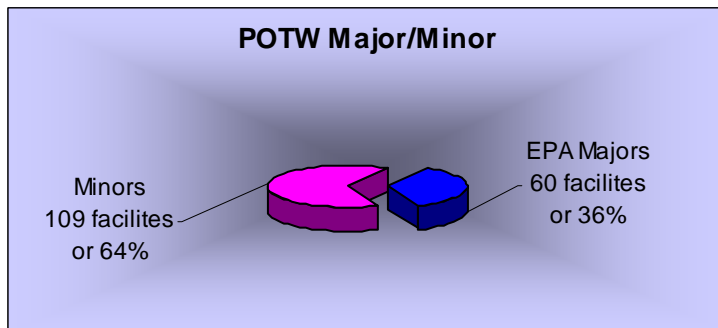
As of December 31, 2005, there were 400 licensed point source discharges in the State of Maine. Of these 400, 17 are aquaculture facilities covered under a single general permit.

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

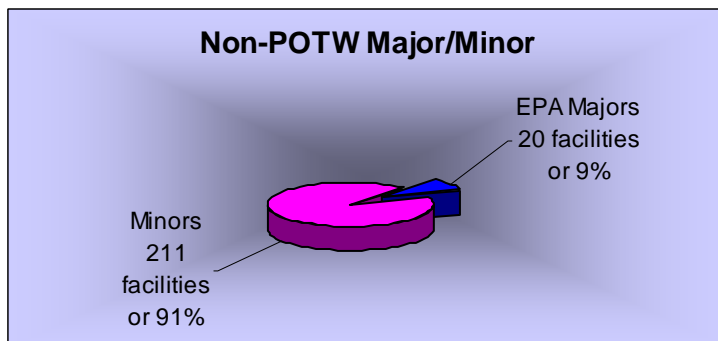
In addition, Appendices A, B, and C list all of the discharges by category and location and provide other select information about the dischargers.



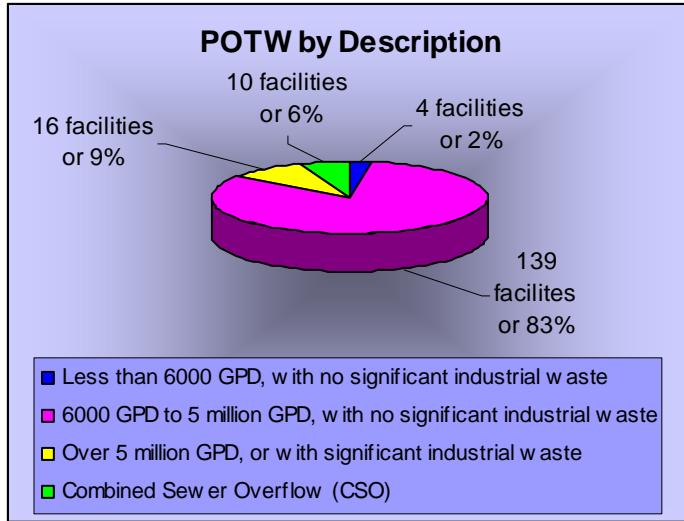
Dischargers are categorized as Publicly Owned Treatment Works (POTWs) or Non POTWs. POTWs are municipal or quasimunicipal wastewater treatment facilities that treat residential, commercial and industrial wastewater. Non POTWs comprise a variety of municipal, commercial, or industrial dischargers as indicated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



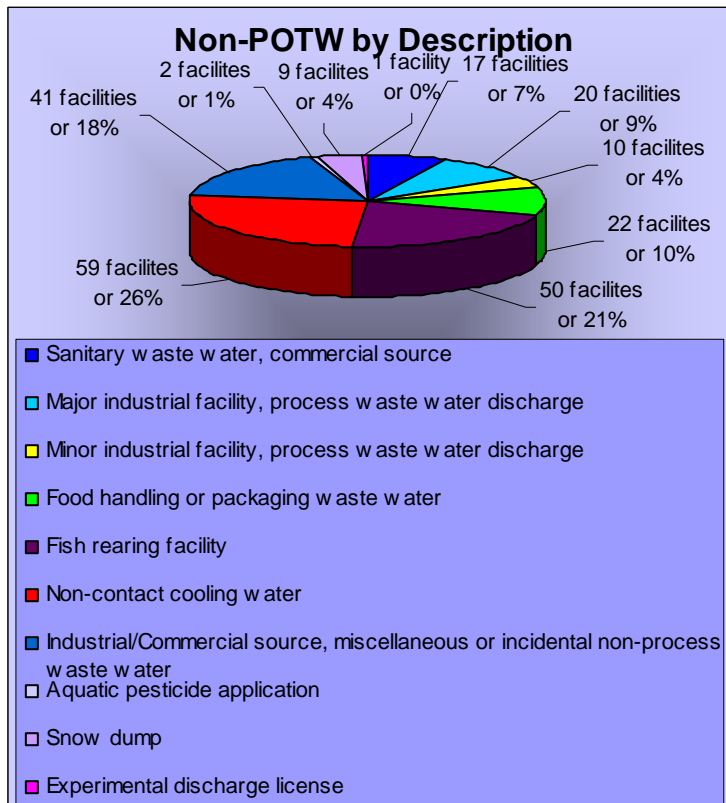
Dischargers are further categorized as Major or Minor. Major POTW dischargers are those facilities with design flows greater than one million gallons per day and facilities with approved industrial pretreatment programs. Major Non POTW dischargers are determined by rating criteria developed by the Environmental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



**Summary of Point Source Discharges by Type (cont'd)**

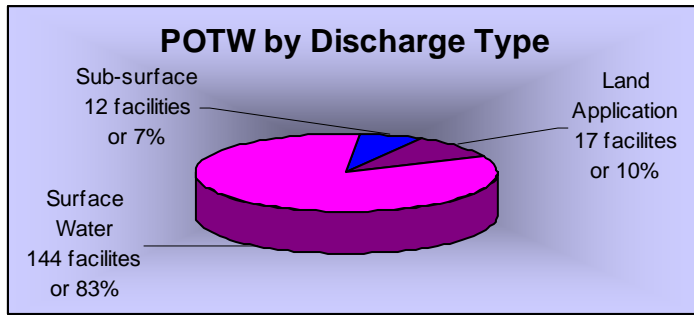


The size of POTWs varies greatly. The smallest POTW has a licensed flow of 2,000 gallons per day. The largest POTW has a licensed flow of 19.8 million gallons per day.

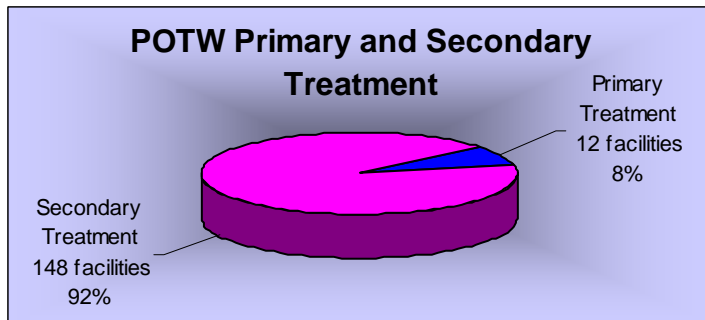
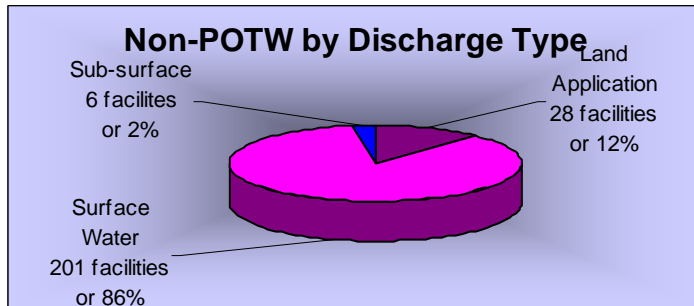


The type of Non-POTW dischargers varies greatly, from the largest paper mill that has a licensed flow of 51 million gallons per day to snow dumps.

**Summary of Point Source Discharges by Type (cont'd)**

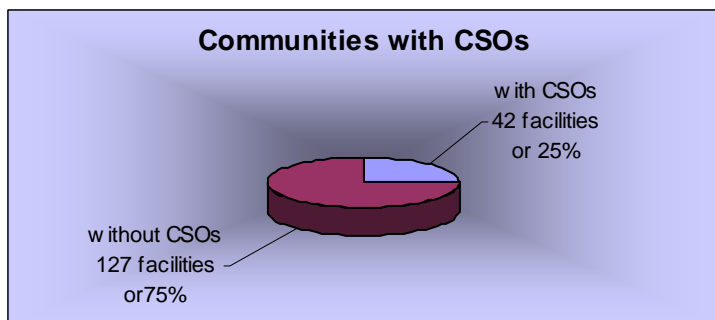
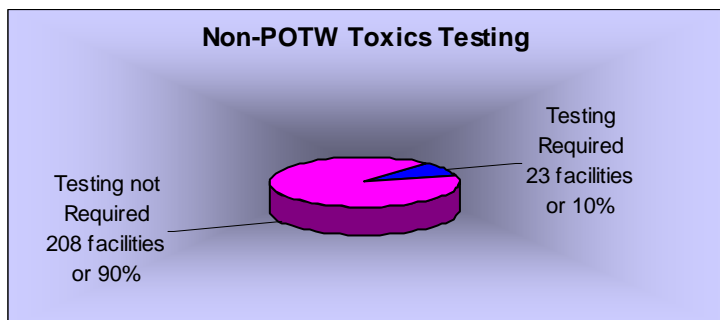
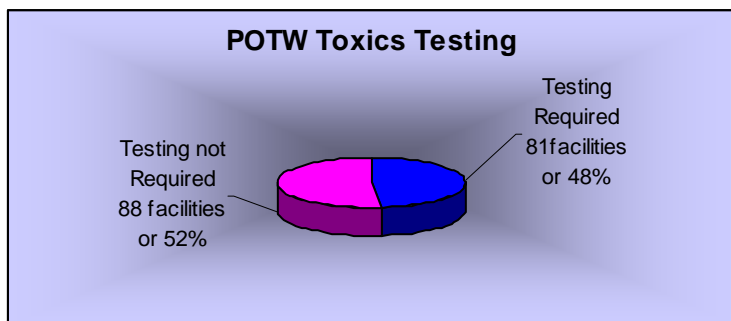


The majority of discharges are to surface waters. However, some facilities discharge via spray irrigation to land, or to subsurface systems. 6 facilities discharge in more than one way.



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). 12 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 9 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 (cont'd)**



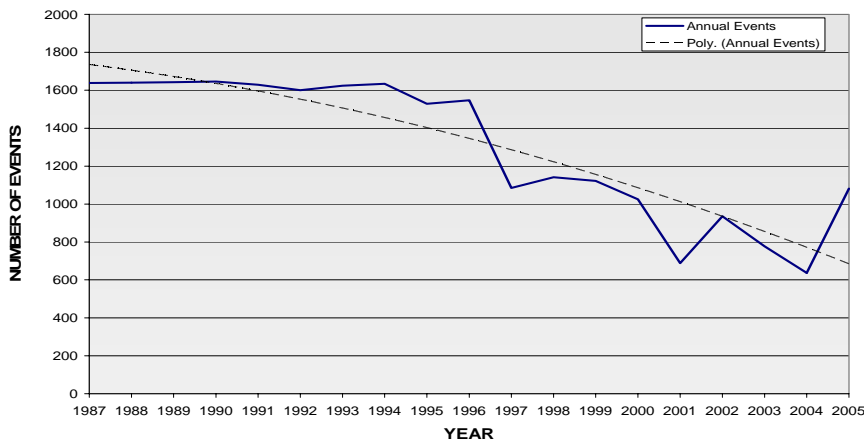
Federal and state law prohibits the discharge of toxic substances in toxic amounts. Department Regulations Chapters 530 and 584 specify water quality criteria for toxic substances and the requirements to control the level of toxic substances in surface waters.

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. These discharges of diluted untreated wastewater violate both State and Federal water pollution laws. 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 9 communities that have Combined Sewer Overflows and a sewer system that discharges to a POTW controlled by another entity.)



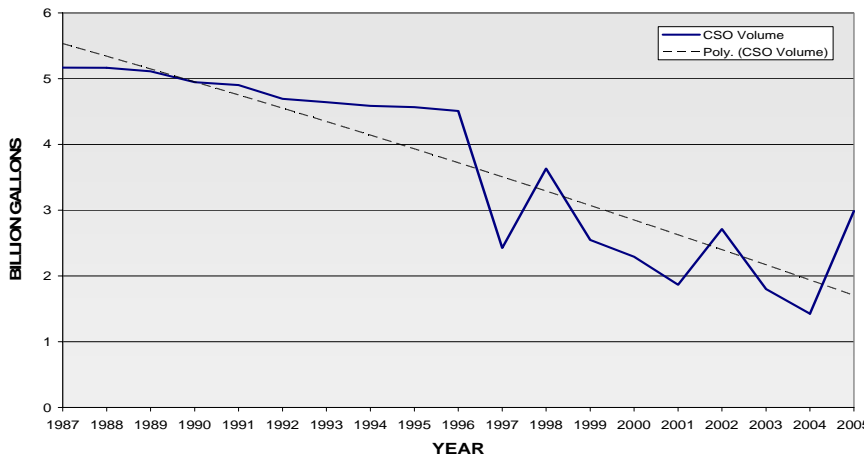
# Summary of Point Source Discharges by Type (cont'd)

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

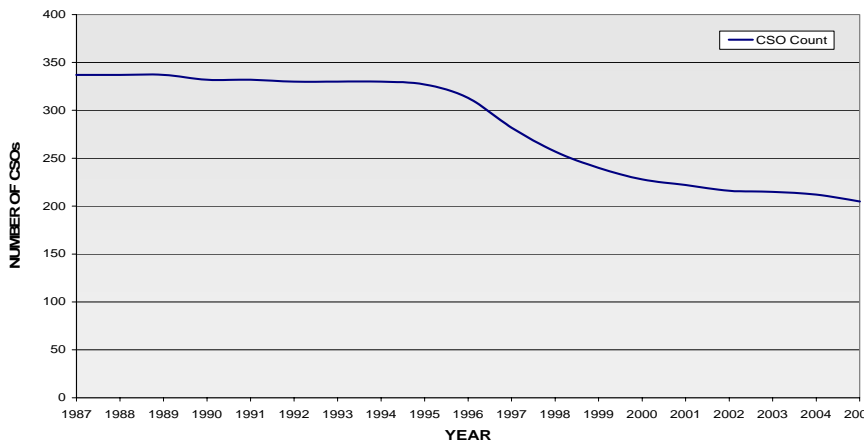


Significant progress has been made in reducing the number of CSO discharge events, the volume of CSOs and the number of CSO points. However, CSO discharge events and volume discharged are heavily influenced by variations in precipitation amount, intensity and timing, and the rate of snowmelt. It is noted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

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

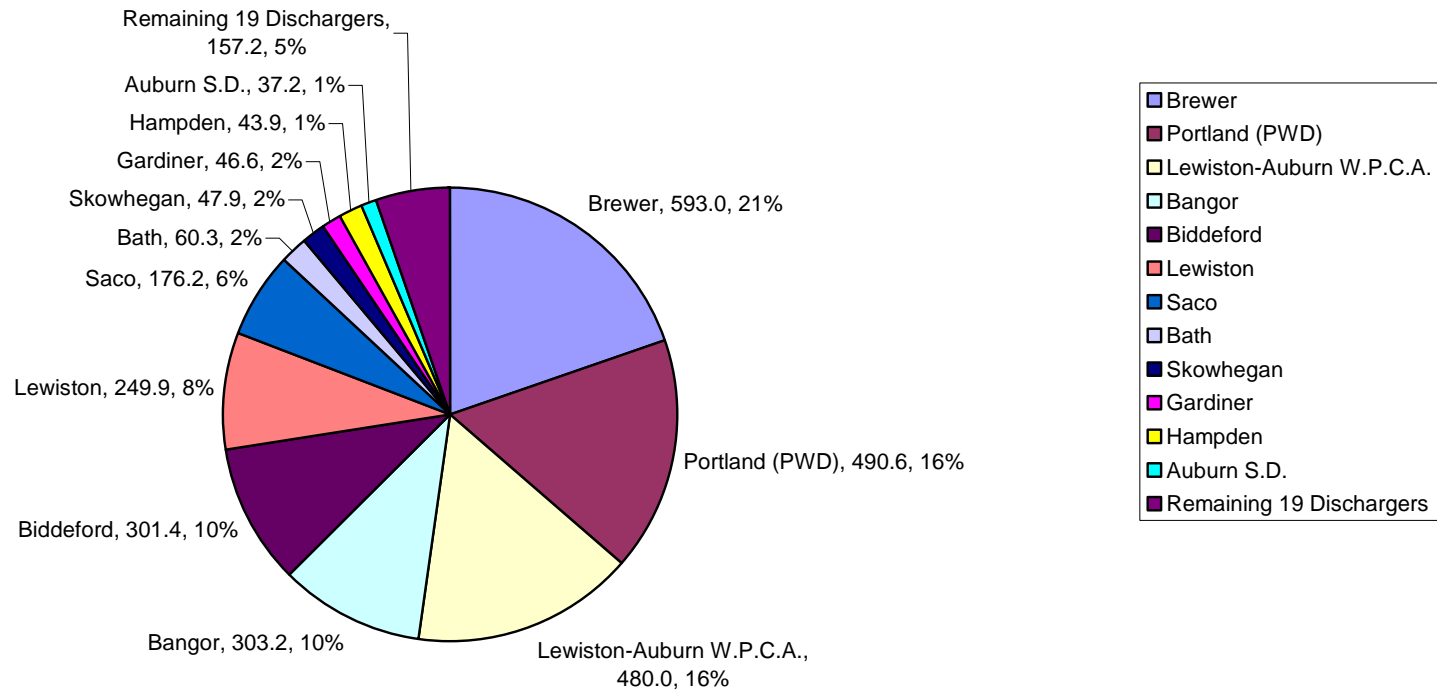


**MAINE  
COMBINED SEWER OVERFLOW (CSO)  
COUNT**



**Summary of Point Source Discharges by Type** (cont'd)

**2005 CSO FLOW COMPARISON  
39 CSO COMMUNITIES  
31 DISCHARGERS - 2.99 BILLION GALLONS**



**Discharger, Overflow in 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 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.

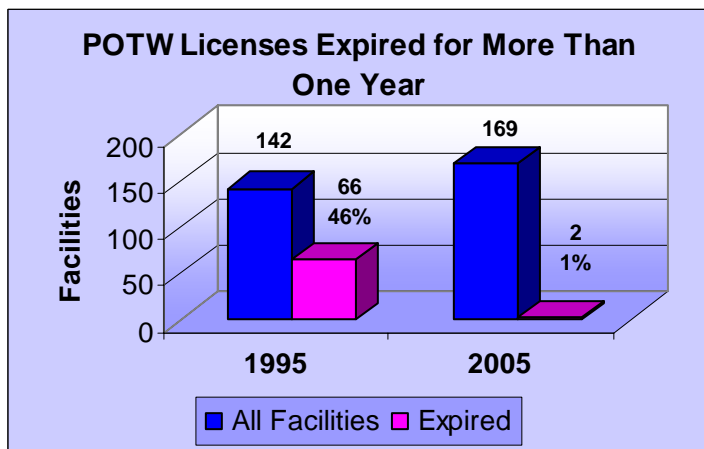
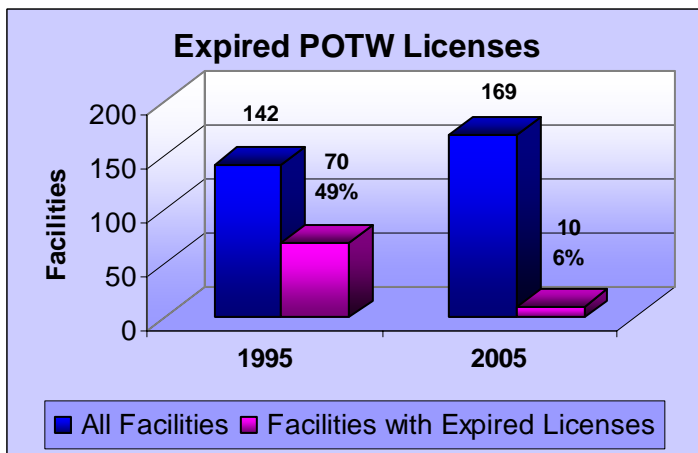
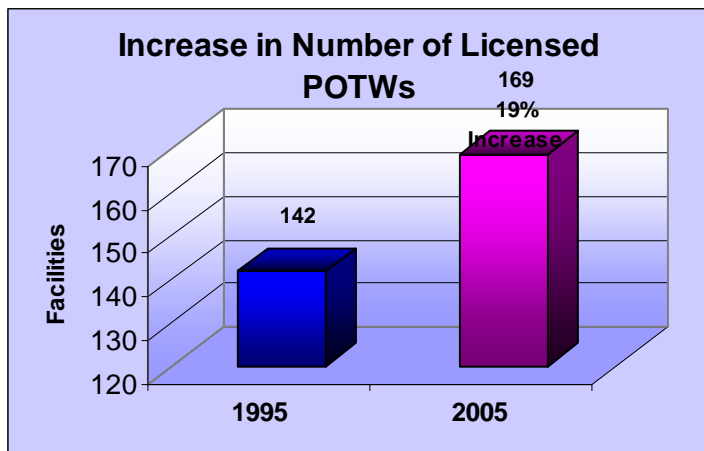
Due to historic understaffing in the Department’s waste discharge licensing program a backlog of expired license applications developed resulting in numerous dischargers operating under expired discharge licenses. As part of the NPDES delegation process, licensing staff was increased and an aggressive schedule was established to reduce the expired license backlog to no more than 5%. In calendar year 2004, the Department reduced the expired license backlog to 5%. (95% of all licensed facilities are operating with current licenses.) This status has essentially been maintained through calendar year 2005.

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.

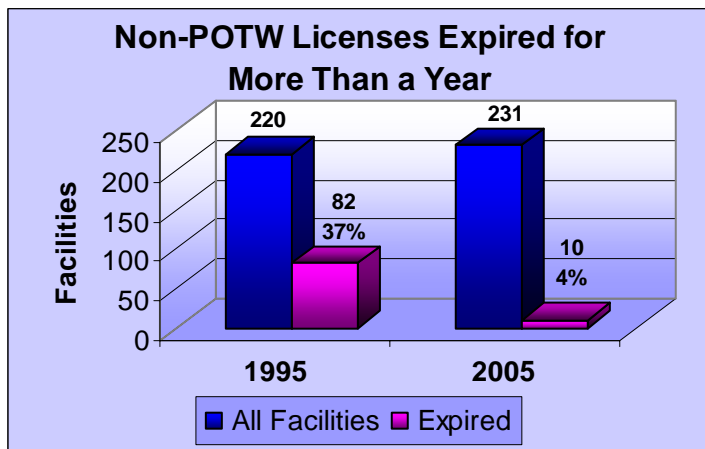
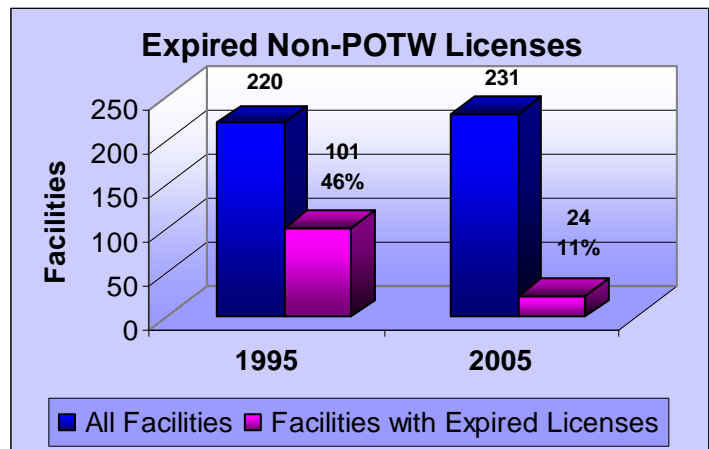
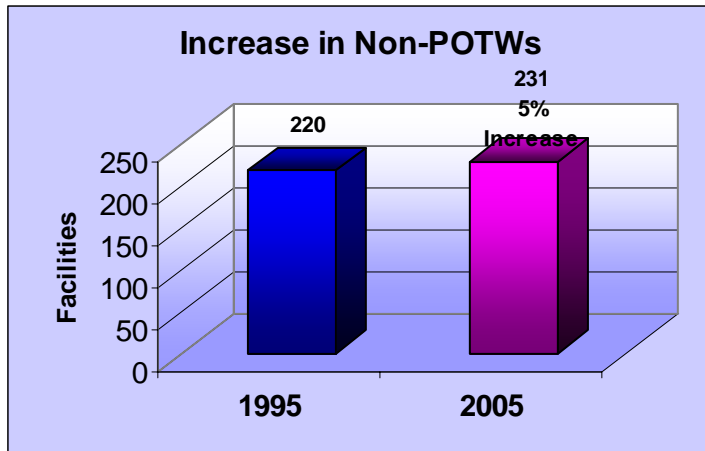
## Licensing Status of Point Source Discharges (cont'd)

The following 3 charts indicate changes in the number of licensed POTWs and their licensing status from 1995 through 2005.



## Licensing Status of Point Source Discharges (cont'd)

The following 3 charts indicate changes in the number of licensed Non POTWs and their licensing status from 1995 through 2005.



## **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 2005. 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.

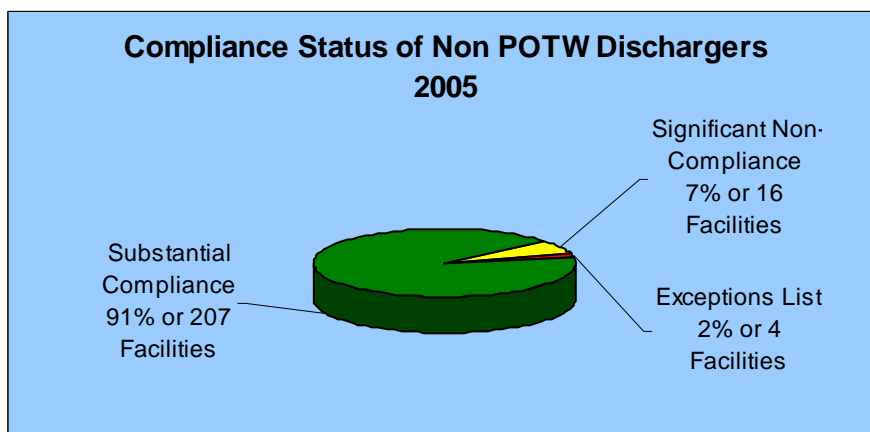
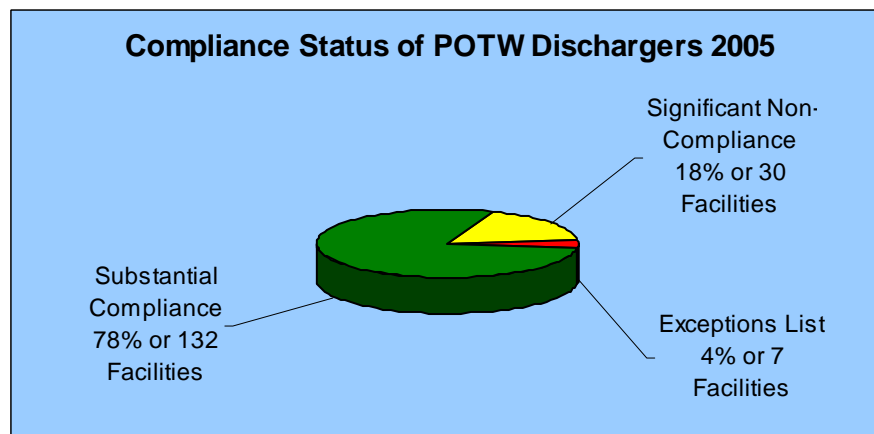
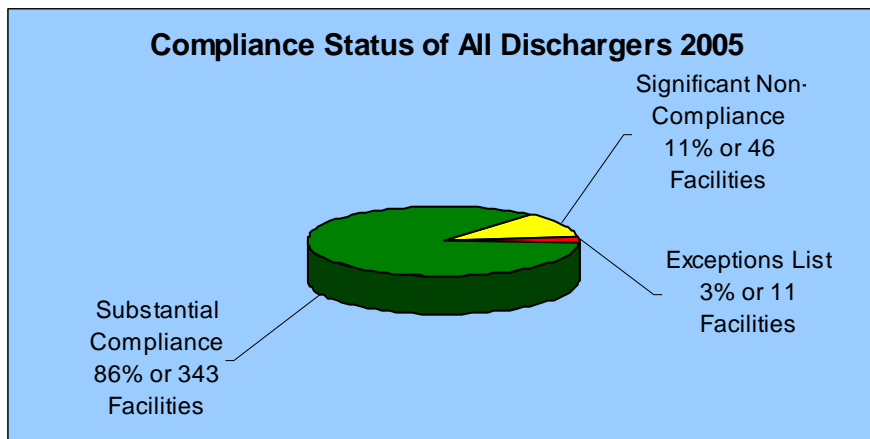
SNC and EL are compliance status criteria developed by the United States Environmental Protection Agency and utilized by the Department to track compliance. For the purposes of this report and routine compliance assessments, the Department has chosen to include all permit limits as potential SNC and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

The following 3 charts summarize the compliance status for calendar year 2005 of licensed discharges based on SNC and EL criteria.



## Compliance Status of Point Source Dischargers (cont'd)

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 80 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.

<b>Summary of Discharge Violations</b>				
<b>Year</b>	<b>BOD</b>		<b>TSS</b>	
	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%



## **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.

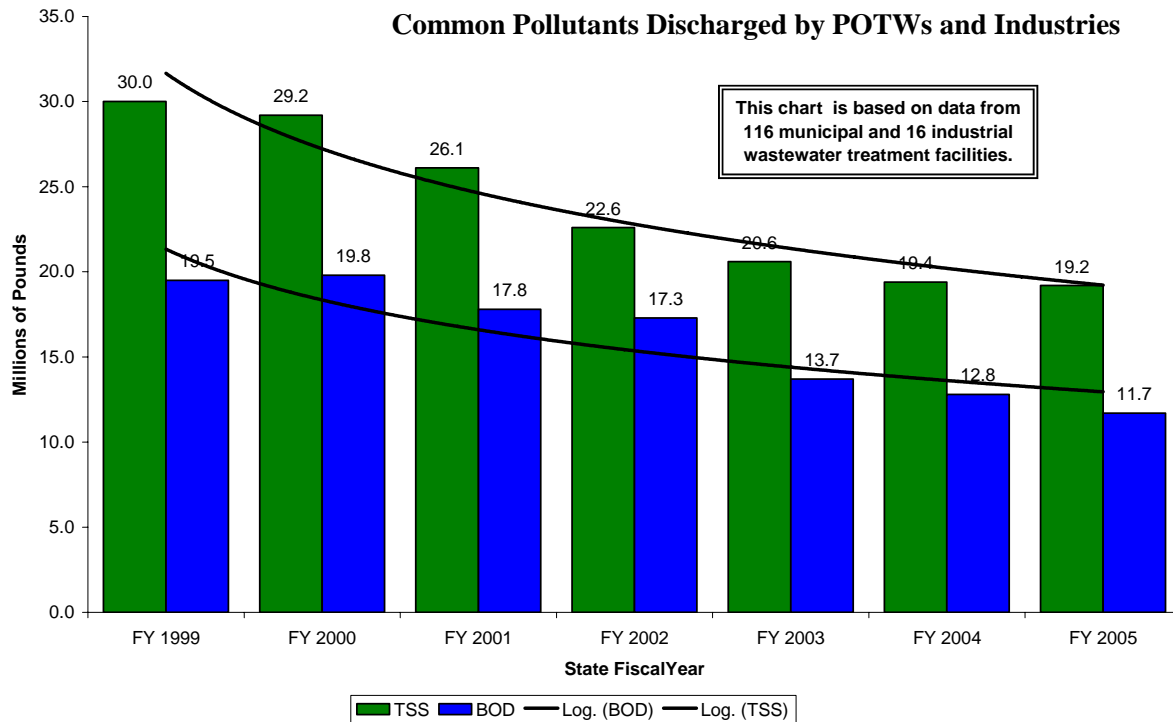
*BOD* is a measurement of the amount of oxygen utilized by the decomposition of organic material, over a specified time period (usually 5 days) in a wastewater sample; it is used as a measurement of the readily decomposable organic content of a wastewater.

*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 (cont'd)

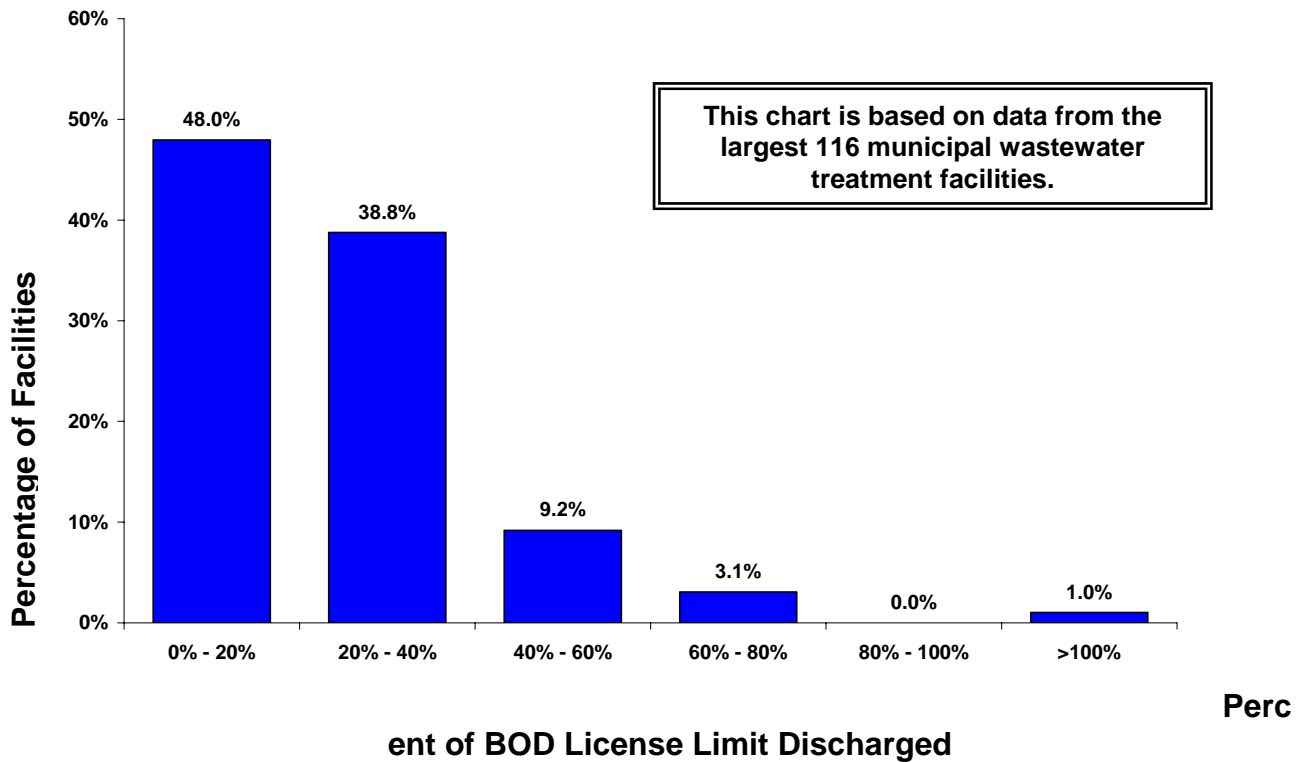
The chart below illustrates the downward trend in the discharge of Biochemical Oxygen Demand (BOD) and Total Suspended Solids (TSS). BOD is a measurement of the amount of oxygen required for microorganisms to assimilate the organic material in wastewater. TSS is a direct measure of the solid matter suspended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



## Environmental Performance Status of Point Source Dischargers (cont'd)

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.

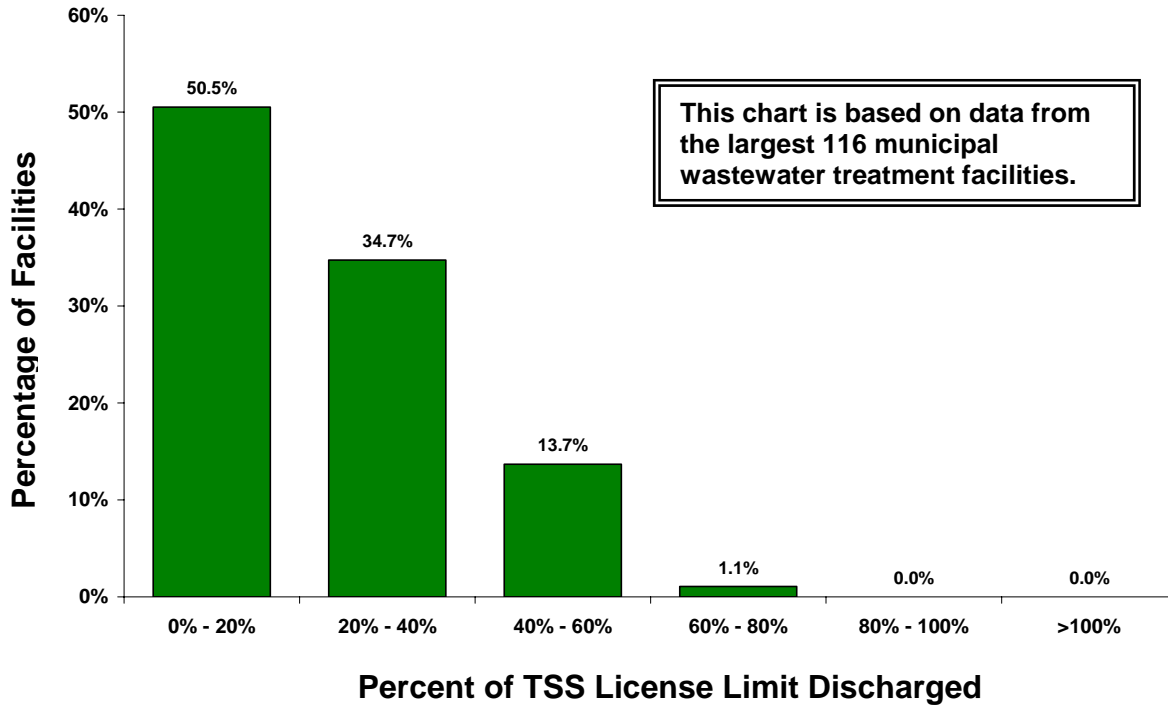
**FY 2005 BOD Discharge as a Percent of License Limits - POTWs**



## Environmental Performance Status of Point Source Dischargers (cont'd)

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 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 2005 TSS Discharge as a Percent of License Limits - POTWs**



## **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.)*

<b>Enforcement Tools Utilized in 2005 to Respond to Violations</b>	
<b>Actions</b>	<b>Number</b>
Letter of Warning	37
Notice of Violation	38
Consent Agreement*	7
District Court*	1
<b>Total</b>	<b>83</b>

<b>*Consent Agreements and Court Actions Finalized in 2005</b>			
<b>Name</b>	<b>Violations</b>	<b>Penalty</b>	<b>Corrective Actions</b>
1. Irving Forest Products	License violations and unlicensed discharge	\$3,500	Install new system. Ground water monitoring program. Supplemental Environmental Project of \$17,000
2. Town of Old Orchard Beach	Unlicensed discharge	\$800	Improve alarm response procedure
3. Thomas Massey	License violations	\$6,275	
4. Lawrence Ray Fishing	License violations; water quality impacts	\$13,800	
5. Ft. Fairfield Utilities District	License violations	\$5,700	Treatment plant improvements. Supplemental Environmental Project of \$19,000
6. City of Old Town	Unlicensed discharge	\$500	Improve alarm system
7. Town of Bar Harbor	Unlicensed discharge	\$500	Revised operating procedures
8. Heritage Salmon	License violations; unlicensed discharge	\$50,215	Supplemental Environmental Project of \$114,785
		<b>\$81,290</b>	

## **Enforcement Status of Dischargers (cont'd)**

In addition, the following cases were referred to enforcement in calendar year 2005. As indicated below, all are under active investigation, Administrative Consent Agreements have been initiated, or the case has been otherwise resolved without enforcement action.

Administrative Consent Agreements are likely to contain monetary penalties and corrective actions.

<b>Cases Referred to Enforcement in 2005</b>				
<b>Discharger Type</b>	<b>Number of Cases</b>	<b>Under investigation</b>	<b>Consent Agreement initiated</b>	<b>Resolved without enforcement</b>
POTW	9	4	1	4
Industrial	0	0	0	0
Commercial	3	2	0	1
Private	5	5	0	0
<b>Total</b>	<b>17</b>	<b>11</b>	<b>1</b>	<b>5</b>

## **Construction and Funding Needs of POTWs**

The ongoing construction and funding needs of Maine POTWs 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 grant 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 2005 is included in Appendix I.

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

## **Status of Overboard Dischargers**

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, 2005 there were 1,525 approved OBDs in the state located in 122 towns and plantations a reduction of 63 during the past year. 54% of these discharges are located in eight communities (Boothbay, Boothbay Harbor, Bristol, Georgetown, Harpswell, Southport, South Bristol, and Portland).

Since 1995, the number of approved OBDs has decreased by 620. 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 three municipalities. (Augusta, Baileyville, Belfast, Benton, Bridgton, Brooklin, Caribou, Carmel, Charleston, Chelsea, Cushing, East Machias, Eastport, Enfield, Freeport, Gorham, Greenville, Hancock, Harmony, Hollis, Isle Au Haut, Jonesboro, Lubec, Machias, New Gloucester, New Portland, New Vineyard, Oakfield, Ogunquit, Old Town, Orland, Passadumkeag, Pembroke, Perry, Poland Springs, Rockland, Roque Bluffs, Saco, Sedgwick, Stacyville, Sullivan, Trenton, and Waterville).

### **OBD License Status**

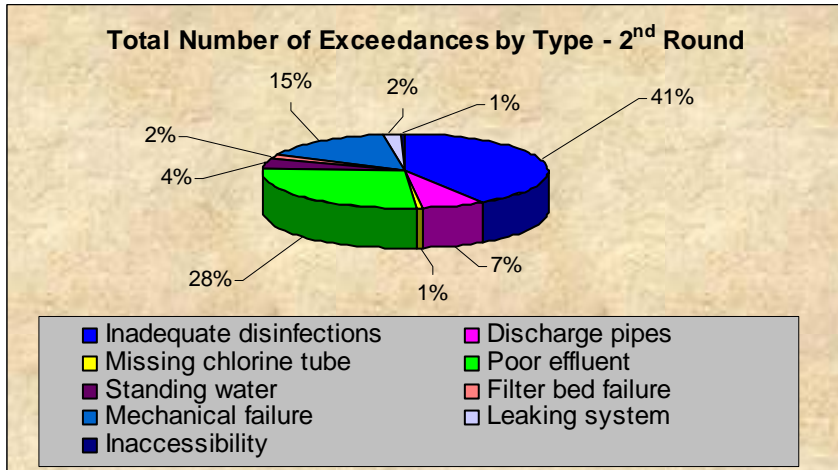
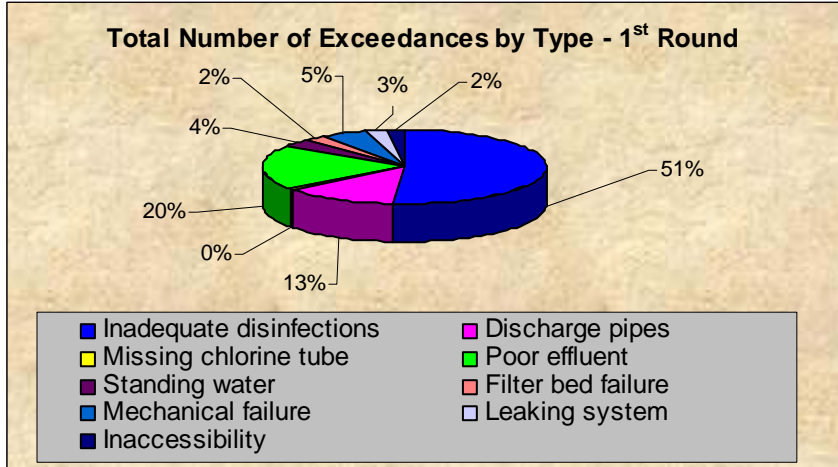
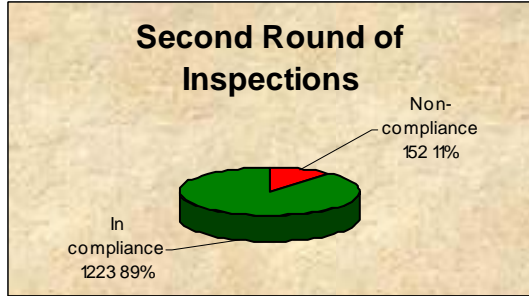
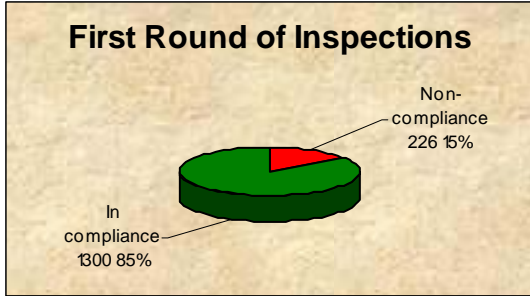
Currently, 55% of all approved OBDs are operating with an expired license or conditional permit. The backlog of expired licenses has been the result of historic staffing shortages and compliance efforts that have reduced the amount of time dedicated to licensing.

### **OBD Compliance Status - Inspections**

The vast majority of OBDs are inspected twice per year. The following four charts indicate compliance status based on 2005 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.



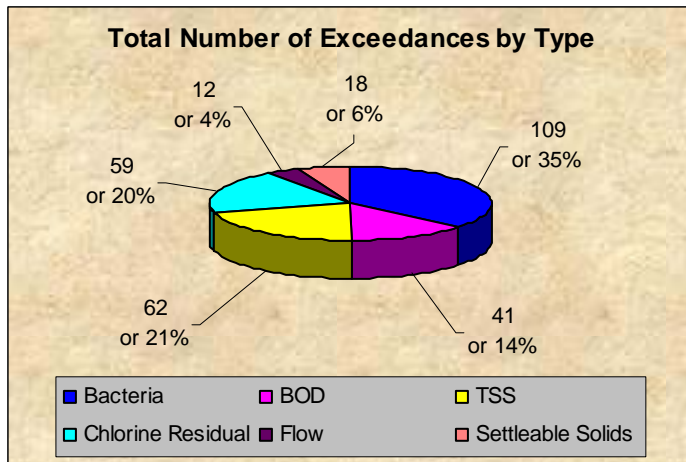
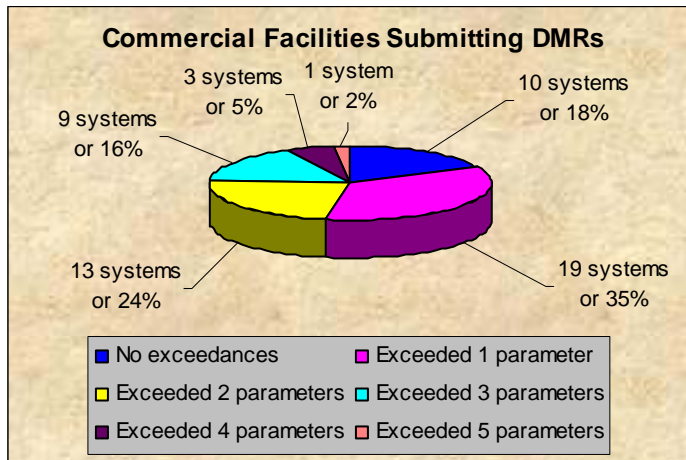
# Status of Overboard Dischargers (cont'd)



## Status of Overboard Dischargers (cont'd)

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

Commercial OBDs are required to periodically submit to the Department Discharge Monitoring Reports (DMRs). 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 exceedances for calendar year 2005. When an exceedance is reported to the Department the facility is also required to report the cause of the exceedance and the corrective action. The Department follows up with any facility that has not self corrected the cause of an exceedance 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, 2005

The following list indicates the location of the 1,525 OBDs by town.

<u>TOWN/CITY</u>	<u>NUMBER</u>	<u>TOWN/CITY</u>	<u>NUMBER</u>
ADDISON	7	CRANBERRY ISLES	12
ALNA	1	CUMBERLAND	1
ARROWSIC	2	CUTLER	3
ARUNDEL	8	DAMARISCOTTA	4
BANGOR	2	DEER ISLE	17
BAR HARBOR	8	DRESDEN	2
BATH	10	EDDINGTON	3
BEALS	1	EDGEComb	27
BETHEL	1	ELIOT	2
BIDDEFORD	30	ELLSWORTH	1
BLUE HILL	13	EUSTIS	4
BOOTHBAY	148	FAIRFIELD	1
BOOTHBAY HARBOR	79	FALMOUTH	1
BOWDOINHAM	5	FARMINGTON	3
BRADLEY	7	FRANKFORT	2
BREMEN	1	FRENCHBORO	3
BRISTOL	167	FRIENDSHIP	20
BROOKS	1	GEORGETOWN	65
BROOKSVILLE	5	GOULDSBORO	21
BRUNSWICK	2	HAMPDEN	1
BUCKFIELD	7	HARPSWELL	89
BURNHAM	1	HARRINGTON	7
BUXTON	1	INDUSTRY	1
CALAIS	6	ISLEBORO	3
CAMDEN	6	JONESPORT	10
CAPE ELIZABETH	4	KENNEBUNK	4
CASTINE	5	KENNEBUNKPORT	5
CHERRYFIELD	37	KITTERY	10
CHESTERVILLE	1	LEWISTON	1
COLUMBIA FALLS	8	LINCOLNVILLE	3
		LONG ISLAND	4

**Approved Overboard Discharges, by Location (cont'd)**

**As of December 31, 2005**

<b><u>TOWN/CITY</u></b>	<b><u>NUMBER</u></b>	<b><u>TOWN/CITY</u></b>	<b><u>NUMBER</u></b>
MACHIASPORT	46	SOUTH PORTLAND	1
MADISON	6	SOUTH THOMASTON	7
MATINICUS ISLAND	1	SOUTHPORT	172
MEDWAY	1	SOUTHWEST HARBOR	6
MILBRIDGE	1	ST. GEORGE	37
MONHEGAN	34	STANDISH	3
MONTICELLO	1	STEUBEN	2
MOUNT DESERT	11	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	26
OXFORD	1	TRESCOTT	2
PARSONSFIELD	1	TURNER	5
PENOBSCOT	5	VASSALBORO	2
PHIPPSBURG	9	VERONA	1
PORTLAND	61	VINALHAVEN	23
PRESQUE ISLE	1	WARREN	2
PROSPECT	1	WEST BATH	5
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	WISCASSET	1
SOUTH BERWICK	2	WOOLWICH	8
SOUTH BRISTOL	54	YARMOUTH	12
		YORK	15
		<b>TOTAL</b>	<b>1,525</b>

\OBDlist

## APPENDIX A

### POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2005 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-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	SNC
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; exempt from toxics testing; 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); exempt from toxics testing	
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	06/19/06	0.700	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	04/17/06	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; exempt from toxics testing	
Boothbay Harbor (Bayville Village Corporation)	W-002573	03/12/07	0.015	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; NPDES permit issued by EPA	

## APPENDIX A

### POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2005 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-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-Mere Point	W-008015	06/11/08	0.011	5L	Subsurface discharge (5 separate systems); exempt from toxics testing	
Brunswick-Graham Road Landfill	W-004308	11/16/09	0.200	5L	Discharge of treated landfill leachate; exempt from toxics testing	EL
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	07/13/04	1.500	5L	EPA major facility; domestic waste water; toxics testing required	EL SNC
Camden	W-002592	07/18/08	1.210	5M	EPA major facility; EPA pre-treatment program required; toxics testing required	
Canton	W-006445	07/07/08	0.250	5L	Domestic waste water only; no discharge allowed when flows < 20 cfs; toxics testing required	
Cape Elizabeth (Portland Water District)	W-006751	12/17/06	0.499	5L	Domestic waste water only; toxics testing required; includes CSOs	
Caribou-City Facility	W-001001	08/14/06	1.410	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	05/17/05	-----	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; exempt from toxics testing	SNC
Clinton	W-002589	02/14/08	0.350	5L	Domestic waste water only; toxics testing required; no discharge allowed when flows < 65 cfs	
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	08/31/06	0.268	5L	Domestic waste water only; year-round chlorination required; exempt from toxics testing	SNC

## APPENDIX A

### POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2005 SORTED BY LOCATION

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

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
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	EL SNC
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); exempt from toxics testing; 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	SNC
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	11/27/06	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	12/28/06	0.430	5L	EPA major facility; upgrade completed in 1997; toxics testing required; includes CSOs	SNC
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	
Gardiner	W-002655	07/01/09	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	

## APPENDIX A

### POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2005 SORTED BY LOCATION

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

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
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	SNC
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	W-007055	01/21/02	0.015	5L	Subsurface discharge (5 separate systems); Passamaquoddy Indian Reservation; exempt from toxics testing	
Indian Township-Princeton Strip	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	SNC
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	
Kennebunk	W-002585	06/20/99	1.310	5L	EPA major facility; toxics testing required	SNC
Kennebunkport	W-002626	06/22/10	0.700	5L	EPA major facility; domestic waste water only; toxics testing required	SNC
Kingfield	W-006272	05/29/07	0.077	5L	Subsurface discharge (55 separate systems); exempt from toxics testing	
Kittery	W-000389	05/09/06	2.500	5L	EPA major facility; toxics testing required; includes CSOs	
Lewiston	W-000684	12/18/05	-----	5T	CSO-only discharge; exempt from toxics testing	



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### POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2005 SORTED BY LOCATION

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

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
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
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	EL 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	
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; exempt from toxics testing; 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	SNC
Madawaska	W-002602	11/14/08	0.600	5L	Domestic waste water only; exempt from toxics testing; includes CSOs	SNC
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	
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; exempt from toxics testing; 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	

## APPENDIX A

### POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2005 SORTED BY LOCATION

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

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
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; exempt from toxics testing	SNC
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	07/12/06	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	EL SNC
Northport (Northport Village Corporation)	W-002575	06/29/09	0.063	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; outfall extended by 200 ft in 1997	SNC
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	

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### POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2005 SORTED BY LOCATION

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

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
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
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; exempt from toxics testing	
Pittsfield	W-001477	06/08/09	1.500	5L	Surface discharge; exempt from toxics testing	
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	EL SNC
Portland-Peaks Island (Portland Water District)	W-007182	08/14/07	0.200	5L	Domestic waste water only; exempt from toxics testing	
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	07/05/05	---	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	
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	11/12/06	0.120	5L	Domestic waste water only; toxics testing required	
Saco	W-002599	07/05/06	4.200	5L	EPA major facility; toxics testing required; includes CSOs	

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### POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2005 SORTED BY LOCATION

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

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
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); exempt from toxics testing; NPDES permit issued by EPA	
Sinclair	W-007814	01/11/06	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	SNC
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; exempt from toxics testing	
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	
Southport-Squirrel Island	W-000826	12/27/00	0.030	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only), with 10 separate outfalls; also licensed are 14 separate subsurface systems; exempt from toxics testing	SNC
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	SNC
Stonington	W-001475	03/14/08	0.175	5L	Domestic waste water only; 301(h) waiver facility (primary treatment only); exempt from toxics testing; NPDES permit issued by EPA	
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	

## APPENDIX A

### POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2005 SORTED BY LOCATION

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

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
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 Pt. (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	12/21/06	0.283	5L	Domestic waste water only; toxics testing required	
Waterville (Kennebec Sanitary Treatment Dist.)	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	12/21/06	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	
Wilton	W-002365	08/22/06	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; exempt from toxics testing	
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	EL SNC
Wiscasset	W-000370	08/11/09	0.620	5L	Domestic waste water only; toxics testing required; plant upgrade completed in 1994	
Yarmouth	W-002644	12/22/08	1.310	5L	EPA major facility; domestic waste water only; toxics testing required	SNC

## APPENDIX A

### POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2005 SORTED BY LOCATION

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

LOCATION	LICENSE #	EXP. DATE	FLOW (MGD)	TYPE	NOTES	COMPLIANCE STATUS
Yarmouth-Sea Meadows Subdivision	W-002234	06/27/06	0.012	5L	Domestic waste water only; exempt from toxics testing; previously licensed as a commercial OBD	SNC
York	W-002687	05/04/06	3.000	5L	EPA major facility; domestic waste water only; toxics testing required	

TOTAL LICENSED POTWs: 169

## APPENDIX A KEY TO COLUMN HEADINGS

<b>LOCATION</b>	Municipality in which discharge is located.
<b>LICENSE #</b>	DEP waste water discharge license number.
<b>EXP. DATE</b>	Expiration date of last DEP license issued for the facility.
<b>FLOW(MGD)</b>	Monthly average discharge flow limit, in millions of gallons per day, as approved in last DEP license issued for the facility.
<b>TYPE</b>	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)
<b>NOTES</b>	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).
<b>COMPLIANCE STATUS</b>	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, 2005\* 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	09/24/06	5S	Plastics manufacturer; 1.34 MGD non-contact cooling water	
American Tissue Mills of Maine, LLC	Augusta	W-000247	10/01/06	5N	De-ink paper mill; 6.0 MGD process water discharge	
Department of Inland Fisheries & Wildlife	Augusta	W-002034	07/21/05	5Q	Governor Hill Fish Hatchery; 1.0 MGD process water discharge	
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	12/08/05	5R	Ship building facility; 0.84 MGD non-contact cooling water; misc. dry dock and ship discharges	
Bath Iron Works	Bath	W-007958	04/27/06	5V	Snow dump; discharge to tidewater	
City of Bath	Bath	W-007696	09/23/09	5V	Snow dump; discharge to tidewater	
Stinson Seafood Inc.	Bath	W-000798	10/02/05	5P	Fish processing facility; production-based discharge limits	
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)	



## APPENDIX B

### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2005\* SORTED BY LOCATION

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

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
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
Pat Jackson Inc.	Belgrade	W-008019	08/04/09	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	SNC
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	02/12/09	5Q	Marine science and research center; 0.72 MGD treated marine lab and marine mammal rehabilitation center waste water	
West Point Stevens, Inc.	Biddeford	W-002790	10/01/06	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	
Stolt Sea Farm, Inc.	Bingham	W-007577	04/06/10	5Q	Commercial salmon; 11.25 MGD process waste water discharge	EL SNC
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 GPA 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	

## APPENDIX B

### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2005\* SORTED BY LOCATION

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

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
International Paper	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	
Town of Camden	Camden	W-007822	10/28/10	5V	Snow dump; discharge to tidwater	
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	
Department of Inland Fisheries & Wildlife	Casco	W-002038	07/21/05	5Q	Casco Fish Hatchery; 2.9 MGD process waste water discharge	
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	
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	12/22/05	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	SNC
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	
Dover-Foxcroft Water District	Dover-Foxcroft	W-007330	04/18/08	5S	Drinking water treatment facility; 25,000 GPD filter backwash discharge	

## APPENDIX B

### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2005\* SORTED BY LOCATION

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

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Heritage Salmon Inc.	East Machias	W-007149	10/15/09	5Q	Commercial salmonid hatchery/smolt production facility; 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	
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	
Patten Pond KOA	Ellsworth	W-003294	06/26/06	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	08/26/01	5Q	Commercial salmonid hatchery; 17.28 MGD process water discharge	
Department of Inland Fisheries & Wildlife	Embden	W-002029	07/21/05	5Q	Embden 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	

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### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2005\* SORTED BY LOCATION

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

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Department of Inland Fisheries & Wildlife	Enfield	W-002032	07/21/05	5Q	Enfield 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	
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	04/23/06	5O	Wood fired generating facility; 68,160 GPD non-contact cooling water, boiler blowdown water, water treatment & ion exchange backwash water	
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	SNC
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	
Department of Inland Fisheries & Wildlife	Grand Lake Stream Plt.	W-002037	07/21/05	5Q	Grand Lake Stream Fish Hatchery; 2.88 MGD process water discharge	
Department of Inland Fisheries & Wildlife	Gray	W-002031	07/21/05	5Q	Dry Mills Fish Hatchery; 1.89 MGD process water discharge	

## APPENDIX B

### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2005\* SORTED BY LOCATION

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

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Cold Brook Energy	Hampden	W-000563	11/08/06	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 GPA 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	
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	
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	
International Paper	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	
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	
Invensys Inc.	Kittery	W-005147	01/29/06	5R	Manufacturer of compressed air filters, regulators and lubricators; 103,000 GPD discharge from DEP-approved ground-water remediation project	
Portsmouth Naval Shipyard	Kittery	W-003445	12/08/05	5R	Submarine repair & overhaul facility; 33 MGD non-contact condenser & compressor cooling water; misc. dry dock dewatering water & stormwater discharges	

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### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2005\* 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	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	
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	
International Paper Company	Livermore Falls	W-008067	06/14/09	5R	Otis Hydro Project; 14,400 GPD non-contact cooling water	
Boralex Livermore Falls Energy	Livermore Falls	W-007705	12/28/05	5O	Wood fired generation facility; 138,000 GPD cooling tower blowdown water; 10,000 GPD ion-exchange water treatment system backwash waters; misc. floor drain & stormwater discharges	SNC
ISF Trading Inc.	Lubec	W-008161	10/16/08	5P	Sea cucumber processing facility; 8,000 GPD process water discharge	SNC
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 Company	Machias	W-006137	11/15/06	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	

## APPENDIX B

### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2005\* SORTED BY LOCATION

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

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
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	06/27/06	5S	Pulp & paper mill; 8.8 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	
WPS New England Generation	Masardis	W-008069	10/26/09	5R	Squa Pan Hydro Project; 4,800 GPD non-contact cooling water	
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	
Department of Inland Fisheries & Wildlife	New Gloucester	W-002030	07/21/05	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	

## APPENDIX B

### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2005\* 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 North Haven	North Haven	W-008142	06/18/07	5S	Drinking water treatment facility; 2000 GPD filter backwash discharge	
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	
Fort James Operating Company	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	
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	SNC
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 Univeristy 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	Oxford	W-000612	12/16/08	5N	Textile mill; 0.7 MGD process water, sanitary waste waater, and non-contact cooling water discharge	
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	
Department of Inland Fisheries & Wildlife	Palermo	W-002035	07/21/05	5Q	Palermo Fish Rearing Station; 3.9 MGD process water discharge	
Kezar Falls Hydro LLC	Parsonsfield (Kezar Falls)	W-008060	02/20/09	5R	Kezar Falls Hydro Project; 22,320 GPD non-contact cooling water	



## APPENDIX B

### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2005\* SORTED BY LOCATION

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

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
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	
Department of Inland Fisheries & Wildlife	Phillips	W-002036	07/21/05	5Q	Phillips Fish Rearing Station; 0.28 MGD process water discharge	
Sebasco Harbor Resort	Phippsburg	W-007987	10/20/08	5S	Drinking water treatment facility; 2,500 GPD filter backwash 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	SNC
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	
I.S.F. Trading Company	Portland	W-007808	12/14/09	5P	Sea urchin and shrimp processing facility; 10,000 GPD process water discharge	
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	07/22/04	5N	Potato processing facility; 4.0 MGD process water and sanitary waste water	SNC
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	02/19/07	5V	Snow dump; discharge to tidewater	
Town of Rockport	Rockport	W-008134	12/21/06	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 Power Co.	Rumford	W-008083	04/01/09	5R	Rumford Falls Hydro Project; 145,000 GPD non-contact cooling water	

## APPENDIX B

### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2005\*

#### 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	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	
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	03/05/02	5S	Industrial chemical manufacturer (formerly General Alum); 60,000 GPD non-contact cooling water, process water, and storm water discharges	EL SNC
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	
FPL Energy Maine Hydro	Skowhegan	W-000583	02/20/09	5R	Weston Hydro Project; 576,000 GPD non-contact cooling water	
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	SNC
Clean Harbors Environmental Services, Co.	South Portland	W-000647	10/27/04	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	01/17/06	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	
Motiva Enterprises LLC	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	12/21/06	5S	Fuel oil terminal/transfer facility; storm water discharge	

## APPENDIX B

### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2005\* SORTED BY LOCATION

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

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Great Eastern Mussel Farms Inc.	St. George	W-003993	07/10/07	5P	Shellfish washing and packing facility; 0.72 MGD process water discharge	SNC
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	EL
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	
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	11/10/08	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	
Town of Vinalhaven	Vinalhaven	W-002927	10/30/06	5P	Seafood processing facility; 0.050 MGD process water discharge	
Osram Sylvania	Waldoboro	W-000714	09/18/06	5N	Light bulb filament manufacturing facility; 0.05 MGD process water discharge; 36,000 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	SNC

## APPENDIX B

### NON-POTW WASTE DISCHARGE LICENSES AS OF DECEMBER 31, 2005\* SORTED BY LOCATION

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

LICENSEE	LOCATION	LICENSE #	EXP. DATE	TYPE	NOTES	COMPLIANCE STATUS
Maine Central Railroad	Waterville	W-006634	01/11/06	5O	Railroad locomotive and railcar repair facility; 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	
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:      214**

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

**APPENDIX B**  
**KEY TO COLUMN HEADINGS**

<b>LICENSEE</b>	Name of license holder.
<b>LOCATION</b>	Municipality in which discharge is located.
<b>LICENSE #</b>	DEP waste water facility/license number.
<b>EXP. DATE</b>	Expiration date of last DEP license issued for the facility.
<b>TYPE</b>	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—Embden (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
Atlantic Salmon of Maine LLC	Cutler	W-008168	08/08/2003	Cross Island North Site
International Aqua Foods USA Inc.	Eastport	W-008170	07/28/2003	Johnson Cove Site
Stolt Sea Farm Maine Inc.	Eastport	W-008171	07/28/2003	Harris Cove Site
Heritage Salmon Incorporated	Eastport	W-008191	11/25/2003	Comstock Point Sites 1&2
Heritage Salmon Incorporated	Eastport	W-008195	11/25/2003	Deep Cove Site
Birch Point Fisheries	Eastport	W-008193	11/25/2003	Birch Point Site
Heritage Salmon Incorporated	Eastport	W-008189	11/25/2003	South Bay Site
Treats Island Fisheries Inc.	Eastport	W-008175	12/23/2003	Treat Island Sites 1&2
Treats Island Fisheries Inc.	Eastport	W-008176	02/18/2004	Comstock Cove Site
Stolt Sea Farm Maine Inc.	Eastport	W-008208	08/20/2004	Johnson Cove Site
Atlantic Salmon of Maine LLC	Harrington	W-008197	02/10/2004	Dyer Island Site
Atlantic Salmon of Maine LLC	Harrington	W-008196	02/10/2004	Flint Island Site
Atlantic Salmon of Maine LLC	Machiasport	W-008165	07/28/2003	Starboard Island Site
Atlantic Salmon of Maine LLC	Machiasport	W-008166	07/28/2003	Stone Island Site
Atlantic Salmon of Maine LLC	Machiasport	W-008180	10/16/2003	Libby Island Site
Island Aquaculture Company Inc.	Swans Island	W-008167	07/28/2003	Scrag Island Site
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 2005

Facility	Parameter(s)	Status (EL)*
<b>Brunswick &amp; Topsham Water District</b>	Total Suspended Solids  <b>Actions</b> 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.	1 <sup>st</sup> - 4 <sup>th</sup> Quarters
<b>Calais</b>	Settleable Solids  <b>Actions</b> A number of problems at the plant & associated pump stations lead the DEP to take enforcement through a pending consent agreement. Since then, contract operator has made a number of changes that have lead to better operation at the plant.	1 <sup>st</sup> - 4 <sup>th</sup> Quarters
<b>Control Devices</b>	Copper  <b>Actions</b> Facility has removed the discharge and has a closed loop system now.	1 <sup>st</sup> Quarter
<b>East Machias</b>	pH (low)  <b>Actions</b> pH issue to be corrected with a license change. pH violation caused by nitrification in sand filter.	3 <sup>rd</sup> Quarter
<b>GAC General Alum</b>	TSS  <b>Actions</b> Department requiring corrective actions through a pending enforcement action.	2 <sup>nd</sup> -3 <sup>rd</sup> Quarters

## APPENDIX D

### Point Source Dischargers on the Exceptions List (EL)

CALENDAR YEAR 2005

Facility	Parameter(s)	Status (EL)*
<b>Graham Road Landfill</b>	BOD, TSS  <b>Actions</b> LOW sent. They replaced the lagoon liners this year. This in conjunction with very high flows due to rainfall has compromised the biomass available for treatment. Consultant to evaluate and report proposal to correct.	2 <sup>nd</sup> -3 <sup>rd</sup> Quarters
<b>Limerick</b>	TRC  <b>Actions</b> Cause of violations uncertain but subsequent months showed no problem. Situation being monitored.	3 <sup>rd</sup> Quarter
<b>Stolt Sea Farms-Bingham</b>	Phosphorus, Ammonia BOD  <b>Actions</b> Maine Sea Farms BOD and NH3. Old limits on an old license. NH3 no longer part of the current permit and with BOD concentration new limits of 10 ppm vs 2 ppm BOD is generally no longer an issue as well.	1 <sup>st</sup> Quarter 2 <sup>nd</sup> Quarter
<b>North Haven</b>	Flow  <b>Actions</b> Engineers report indicates problems with flow meter. Still under warrantee so will get Sullivan Assoc. to resolve.	2 <sup>nd</sup> Quarter
<b>Portland Water District Portland</b>	Fecal Coliform  <b>Actions</b> Have experienced a number of equipment failures. Transitioning in and out of bypassing due to erratic influent flow caused difficult situation controlling chemical feed. Working under consent agreement; ironed out rotary press problems; upgrading disinfection to hypochlorite and bisulfite instead of gas.	1 <sup>st</sup> – 4 <sup>th</sup> Quarters



## APPENDIX D

### Point Source Dischargers on the Exceptions List (EL) CALENDAR YEAR 2005

Facility	Parameter(s)	Status (EL)*
<b>Winterport</b>	Flow <b>Actions</b> Heavy record rainfalls have caused the facility to experience flow violations. Monitoring the situation.	4 <sup>th</sup> 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 2005

Facility	Parameter(s)	Status (SNC)*
<b>Baileyville</b>	Settleable Solids, E-coli, flow  <b>Actions</b> Washout due to high flow event and Town's failure to handle sludge appropriately. Enforcement action initiated to resolve and correct problems.	2 <sup>nd</sup> Quarter
<b>Bath</b>	Settleable Solids  <b>Actions</b> Slow settling coupled with high flows caused high solids in effluent; believe to be an isolated event.	1 <sup>st</sup> Quarter
<b>Bayley's Quality Seafood</b>	Oil & Grease  <b>Actions</b> Inspected facility with enforcement staff. High concentration due to low flow. Small flows are now pumped to septic system.	1 <sup>st</sup> Quarter
<b>Biddeford &amp; Saco Water Company</b>	Settleable Solids  <b>Actions</b> High SS from non representative sample. Instructed operators on how to take a more representative sample.	4 <sup>th</sup> Quarter
<b>Boralex Livermore Falls</b>	TSS  <b>Actions</b> Facility experienced two TSS violations on an internal waste stream. All other TSS results before and after these values were normal. Upon investigation, no indication as to the source of these violations.	3 <sup>rd</sup> Quarter
<b>Calais</b>	TSS  <b>Actions</b> TSS due to high flows. Enforcement action pending to resolve and correct this and other problems.	2 <sup>nd</sup> Quarter
<b>Castine</b>	Settleable Solids  <b>Actions</b> SS violations were attributed to high flows and slow settling sludge. Pending enforcement action to resolve and correct this and other problems. Facility upgrade planned.	2 <sup>nd</sup> Quarter

## APPENDIX E

### Point Source Dischargers in Significant Non-Compliance (SNC) CALENDAR YEAR 2005

Facility	Parameter(s)	Status (SNC)*
<b>Craig Brook Hatchery</b>	Formalin	3 <sup>rd</sup> Quarter
	<p><b>Actions</b> The Swedish pools with nonfed broodstock are being treated with a prophylactic dosing of Formalin.</p>	
<b>East Machias</b>	pH (low)	3 <sup>rd</sup> Quarter
	<p><b>Actions</b> pH issue to be corrected with a license change. pH violation caused by nitrification in sand filter.</p>	
<b>Ellsworth</b>	Flow	2 <sup>nd</sup> Quarter
	BOD	3 <sup>rd</sup> Quarter
<p><b>Actions</b> Met with operator, enforcement staff, City engineer and City manager to discuss issues. #2 RBC is down for broken shaft. Pending enforcement action to resolve and correct this and other problems. Facility upgrade planned.</p>		
<b>Fort Kent</b>	Flow	2 <sup>nd</sup> Quarter
	<p><b>Actions</b> Bypass during 4/29 - 5/2/05. CSO point inundated, basements flooding, set up bypass at riverside pump station.</p>	
<b>GAC General Alum</b>	TSS	4 <sup>th</sup> Quarter
	<p><b>Actions</b> Pending enforcement action to resolve and correct this and other problems.</p>	
<b>Global Companies LLC</b>	Oil & Grease	1 <sup>st</sup> Quarter
	<p><b>Actions</b> They will install a means to prevent the oil and water separator from freezing next year and this will allow them to skim any product of the separator year round.</p>	
<b>Graham Road Landfill</b>	BOD, TSS, E-coli	2 <sup>nd</sup> Quarter
	<p><b>Actions</b> Compliance Initiative Letter sent asking to make remedial actions a priority. Lagoon liners replaced and sanitary influent eliminated.</p>	

## APPENDIX E

### Point Source Dischargers in Significant Non-Compliance (SNC) CALENDAR YEAR 2005

Facility	Parameter(s)	Status (SNC)*
<b>Great Eastern Mussel Farm</b>	Flow	3 <sup>rd</sup> Quarter
	TSS	4 <sup>th</sup> Quarter
	<b>Actions</b> Violations due to malfunctioning flowmeter. New parts are in and meter to be repaired promptly. May be a problem with incomplete rinsing of filter after sample filtered by commercial laboratory resulting in an artificial increase in TSS due to seawater salts.	
<b>Great Salt Bay Sanitary District – Damariscotta</b>	BOD	3 <sup>rd</sup> Quarter
	<b>Actions</b> Violations attributed to the removal of a significant amount of sludge from the lagoons during necessary maintenance.	
<b>Houlton</b>	Flow	2 <sup>nd</sup> , 4 <sup>th</sup> Quarters
	<b>Actions</b> 2005 Inflow and Infiltration progress report due to address high flow issues.	
<b>ISF Trading Lubec</b>	Solids	2 <sup>nd</sup> Quarter
	Oil & Grease	2 <sup>nd</sup> Quarter
	<b>Actions</b> Process water discharge from sea cucumbers, shrimp, urchins, when in season.	
<b>Islesboro</b>	Flow	2 <sup>nd</sup> Quarter
	<b>Actions</b> Inflow and Infiltration due to old clay tile pipe, all flow treated by system. Town needs to address the replacement of the sewer system.	
<b>Kennebunk</b>	BOD % Removal	2 <sup>nd</sup> Quarter
	<b>Actions</b> Caused by low strength influent, should be exempt. License will be modified at renewal time to include influent exemption when <200 mg/L concentration.	

## APPENDIX E

### Point Source Dischargers in Significant Non-Compliance (SNC) CALENDAR YEAR 2005

Facility	Parameter(s)	Status (SNC)*
<b>Kennebunkport</b>	TRC  <b>Actions</b> New chlorination system wasn't working right. Adjusted sodium bisulfite flow and have experienced no other violations.	3 <sup>rd</sup> Quarter
<b>Lake Pemaquid Camping</b>	Application Rate  <b>Actions</b> Violations of flow limits. Permittees need Department approval before exceeding their application rates.	2 <sup>nd</sup> Quarter
<b>Lewiston Auburn WPCA</b>	Settleable Solids, Flow E-coli  <b>Actions</b> High flows and brief short circuiting and solids carrying over the weirs; adjusted RAS pumps and chlorinated returns to reduce filamentous bulking. E. coli - automatic chlorination meter out of calibration occurring in between wet weather bypass events; resample result below limit; recalibrated ATI chlorine meter.	2 <sup>nd</sup> Quarter 3 <sup>rd</sup> Quarter
<b>Limerick</b>	TRC  <b>Actions</b> Cause of violations unknown. Facility had no exceedences during the 3 <sup>rd</sup> quarter of 2005.	2 <sup>nd</sup> Quarter
<b>Limestone</b>	BOD % Removal  <b>Actions</b> Record wet month. Caused by low strength influent, should be exempt. License will be modified at renewal time to include influent exemption when <200 mg/L concentration.	4 <sup>th</sup> Quarter
<b>Machias</b>	Flow  <b>Actions</b> High flows due to Inflow and Infiltration. Town has developed a master plan. Enforcement action pending to resolve and correct this and other problems.	2 <sup>nd</sup> Quarter

## APPENDIX E

### Point Source Dischargers in Significant Non-Compliance (SNC) CALENDAR YEAR 2005

Facility	Parameter(s)	Status (SNC)*
<b>Madawaska</b>	Flow  <b>Actions</b> Unusually high flows associated with rain from hurricane and unusual amount of rain (5.3 inches) encountered for October as well. Flow only issue, no other parameters exceeded. Facility working with engineering firm to update CSO master plan.	3 <sup>rd</sup> & 4 <sup>th</sup> Quarters
<b>Stolt Sea Farms, Bingham</b>	BOD, Ammonia  <b>Actions</b> Violations were for outdated limits on an old license. New license determined ammonia no longer required and modified BOD to a more appropriate limit.	1 <sup>st</sup> Quarter
<b>McCain's Food Inc.</b>	Settleable Solids Flow  <b>Actions</b> Oil from processing plant to wastewater system. DEP provided technical assistance and McCain's responded with appropriate action to address the problem.	1 <sup>st</sup> Quarter 2 <sup>nd</sup> Quarter
<b>Mount Desert, Seal Harbor</b>	Flow  <b>Actions</b> New construction underway to accommodate higher flows at this facility. Received 7" of rain in 48 hours.	2 <sup>nd</sup> Quarter
<b>North Haven</b>	Flow BOD, Fecal Coliform  <b>Actions</b> Flow exceedence due to lack of Tideflex valve. Engineers report indicates problems with meter. New flow meter not reading at very low flow levels and not chlorinating at low levels. New flow adjustor should correct this problem. Nearly 20" of rain in October.	1 <sup>st</sup> Quarter 3 <sup>rd</sup> Quarter
<b>Northport Village Corporation</b>	Flow  <b>Actions</b> Flow exceedence due to excessive rain and Infiltration and Inflow issues). Replacement of old collection system will be part of a long term maintenance plan.	2 <sup>nd</sup> Quarter

## APPENDIX E

### Point Source Dischargers in Significant Non-Compliance (SNC) CALENDAR YEAR 2005

Facility	Parameter(s)	Status (SNC)*
<b>Paris Utilities District</b>	Copper	4 <sup>th</sup> Quarter
	<p><b>Actions</b> Enforcement action pending to resolve and correct this and other problems.</p>	
<b>Penobscot McCrum LLC</b>	Oil & Grease	4 <sup>th</sup> Quarter
	<p><b>Actions</b> Employee issues and old equipment; also increase in production and change in product all contribute to oil &amp; grease loadings.</p>	
<b>Portland Water District – East End</b>	Fecal Coliform	1 <sup>st</sup> Quarter
	Flow	2 <sup>nd</sup> Quarter
<p><b>Actions</b> Primary bypass system failed to operate at 36.8MGD set point; caused stress on plant operation; system initially operated manually through SCADA by staff then responded normally in auto mode; initial failure stressed plant operation; cause for failure not found. Permit recently modified with more appropriate flow limits to address high flow situations.</p>		
<b>Presque Isle</b>	E-coli	2 <sup>nd</sup> Quarter
	Flow	4 <sup>th</sup> Quarter
<p><b>Actions</b> Swirl disinfection system did not keep up due to low detention time and high flows. Wettest month since 1990, 8.73 inches of rain measured at plant in October. DEP provided technical assistance and swirl disinfection upgrade is planned.</p>		
<b>Skowhegan WPCF</b>	Flow	2 <sup>nd</sup> Quarter
	<p><b>Actions</b> License limit requires flows of at least 5MGD for 1 hour before facility may bypass.</p>	
<b>Soil Preparation Inc. Plymouth</b>	BOD	2 <sup>nd</sup> Quarter
	<p><b>Actions</b> Start of spray season, water very cold. Water was too cold for biological activity to work. Small volume of wastewater irrigated.</p>	

## APPENDIX E

### Point Source Dischargers in Significant Non-Compliance (SNC) CALENDAR YEAR 2005

Facility	Parameter(s)	Status (SNC)*
<b>Squirrel Island, Boothbay Harbor</b>	TRC	2 <sup>nd</sup> Quarter
	BOD, Fecal Coliform	3 <sup>rd</sup> Quarter
	<p><b>Actions</b> Recent enforcement action required elimination of the discharge. Will start pumping to the mainland by summer 2006.</p>	
<b>St. Agatha Sanitary District</b>	BOD, TSS	1 <sup>st</sup> Quarter
	<p><b>Actions</b> DEP provided technical assistance to help diagnose operational problems and recommended corrective action for TSS/BOD violations. Facility operation is much improved after technical assistance.</p>	
<b>Thomas Massey</b>	Flow	1 <sup>st</sup> Quarter
	<p><b>Actions</b> Five flow exceedences due to heavy production for shrimp. Facility has now shut down.</p>	
<b>University of Maine Center Cooperative Hatchery</b>	TSS	2 <sup>nd</sup> Quarter
	<p><b>Actions</b> Facility under major retrofit with new influent pumps and building being added on.</p>	
<b>Waterways, Inc. Waterboro</b>	Chloride GW Monitoring Wells	2 <sup>nd</sup> Quarter
	<p><b>Actions</b> Several letters sent and inspections conducted to resolve non-compliance</p>	
<b>Winterport</b>	Flow	2 <sup>nd</sup> Quarter
	<p><b>Actions</b> Due to high Inflow and Infiltration in the system. Reported total rainfall for May to be 5.18inches. Facility has an approved CSO Master Plan and is in the process of implementation.</p>	
<b>Yarmouth</b>	TRC	4 <sup>th</sup> Quarter
	<p><b>Actions</b> Caused by high flow associated with Inflow and Infiltration. Letter of Warning sent. Sewer improvements planned.</p>	



## APPENDIX E

### Point Source Dischargers in Significant Non-Compliance (SNC) CALENDAR YEAR 2005

Facility	Parameter(s)	Status (SNC)*
<b>Yarmouth Sea Meadows</b>	Flow <b>Actions</b> Due to rain and snowmelt. Compliance letter sent. They have done a lot of work to eliminate Inflow and Infiltration and are putting significant resources into collection system and drainage improvements.	1 <sup>st</sup> Quarter

\* 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 - CSO COMMUNITY LIST (AS OF DECEMBER 31, 2005)

#	COMMUNITY	Number of CSOs
1.	<b>AUBURN SD</b> .....	6
2.	AUGUSTA SD .....	24
3.	BANGOR.....	12
4.	BAR HARBOR (Main Plant).....	3
5.	BAR HARBOR (Hulls Cove) .....	1
6.	BATH .....	4
7.	BELFAST .....	2
8.	BIDDEFORD.....	11
9.	BREWER.....	7
10.	BUCKSPORT .....	2
11.	CALAIS (Submitted Permit Application).....	5
12.	CAPE ELIZABETH (Ottawa Road PS).....	1
13.	DOVER-FORCROFT .....	4
14.	<b>EAST MILLINOCKET</b> .....	1
15.	<b>FAIRFIELD</b> .....	2
16.	FORT KENT W&WWD.....	1
17.	GARDINER.....	2
18.	<b>HALLOWELL WD</b> .....	1
19.	<b>HAMDEN</b> .....	1
20.	KENNEBEC STD.....	3
21.	KITTERY .....	3
22.	<b>LEWISTON</b> .....	26
23.	LEWISTON-AUBURN WPCA.....	1
24.	MACHIAS .....	2
25.	MADAWASKA.....	2
26.	MECHANIC FALLS SD .....	1
27.	MILFORD .....	1
28.	MILO WD.....	3
29.	OLD TOWN .....	3
30.	ORONO .....	1
31.	PARIS UD .....	1
32.	<b>PORTLAND – CITY</b> .....	12
33.	<b>PORTLAND – PWD</b> .....	22
34.	<b>RANDOLPH</b> .....	1
35.	ROCKLAND .....	4
36.	SACO.....	5
37.	SANFORD SD .....	2
38.	SKOWHEGAN.....	9
39.	SOUTH PORTLAND .....	6
40.	WESTBROOK.....	5
41.	<b>WINSLOW</b> .....	1
42.	WINTERPORT SD.....	1
<b>TOTAL CSOs</b>		<b>205</b>

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

Two or more permits in one CSO Town/City

**Bold** =9 communities with sewer systems only. Sewers discharge to a POTW controlled by another entity.

## APPENDIX G

### OBD Facilities on the Exceptions List (EL) CALENDAR YEAR 2005

Facility	Parameter(s)	Status (EL)*
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<b>MEU502101</b> <b>Bay Bridge Estates</b>	BOD <b>Actions:</b> High BOD is a seasonal issue, it occurs only in the winter. Facility plans on doing additional testing this year to determine the cause of the problem.	1 <sup>st</sup> quarter
<b>MEU501973</b> <b>East Capitol Island Partnership</b>	Fecal Coli. <b>Actions:</b> None taken at this time as the tests taken earlier and later in this season showed no violations. Inspection frequency to be increased.	2 <sup>nd</sup> quarter
<b>MEU504016</b> <b>Five Gables Inn</b>	Fecal Coli. <b>Actions:</b> Letter sent to owner and service contractor concerning violations. Have received a response detailing system operation. Will monitor for improvement.	2 <sup>nd</sup> quarter
<b>W002156-5C-A-R</b> <b>Friendly Village</b>	BOD, TSS <b>Actions:</b> Subsurface system installed. Discharge removed	1 <sup>st</sup> quarter
<b>ME0022659</b> <b>Goodwill Hinckley</b>	Flow <b>Actions:</b> Flow issues due to large open sand filters impacted by big rain events. No action needed.	1 <sup>st</sup> – 2 <sup>nd</sup> - 4 <sup>th</sup> quarters
<b>ME0022489</b> <b>Lawnmeer Inn</b>	Fecal Coli., BOD & TSS <b>Actions:</b> No action regarding the BOD & TSS violations as the system always has been operating quite well. Letters were sent to the owner and operator concerning the high bacteria counts. Recieved response from the operator addressing operation of the disinfection unit. Will monitor for improvement this year.	2 <sup>nd</sup> quarter
<b>ME0101729</b> <b>Maine Correctional Center</b>	Suspended Solids <b>Actions:</b> Facility experienced problems with grease build-up in CCB; cleaned tank to alleviate the problem. See note under SNC: discharge likely to be removed in 2007 with construction of Little falls wastewater conveyance.	3 <sup>rd</sup> quarter
<b>MEU504947</b> <b>Robinhood Marine</b>	Fecal Coli. <b>Actions:</b> None taken at this time concerning bacteria violations as it was just a two time event. All subsequent reports showed no violations.	2 <sup>nd</sup> quarter

## APPENDIX G

### OBD Facilities on the Exceptions List (EL) CALENDAR YEAR 2005

Facility                                      Parameter(s)                                      Status (EL)\*

<b>ME0021237</b> <b>Sebasco Resort</b>	TRC <b>Actions:</b> Letter sent to the facility concerning violations. Received a response stating operational changes they will institute to improve compliance. Will monitor for improved compliance.	2 <sup>nd</sup> – 3 <sup>rd</sup> quarter
<b>MEU508061</b> <b>Stephen Gray</b>	Fecal Coli. <b>Actions:</b> Letters sent to owner and service contractor concerning violations. Response from contractor stating upgrades to be made to the chlorination system. Will monitor for improved compliance.	3 <sup>rd</sup> quarter

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

## APPENDIX H

### OBD Facilities in Significant Non-Compliance (SNC)

CALENDAR YEAR 2005

Facility	Parameter(s)	Status (SNC)*
<b>MEU503918 Beloin's Motel</b>	Fecal Coli. & BOD <b>Actions:</b> After increasing the monitoring and testing, the facility clearly has a problem with the size of the treatment system being overwhelmed by seasonal high flows. A letter was sent to the owner telling them of the problem and requiring corrective measures and a response. Upgrades are to be made before start of the 2006 season.	2 <sup>nd</sup> quarter
<b>MEU507046 Town of Bristol – Pemaquid Restaurant</b>	Fecal Coli. & TSS <b>Actions:</b> Treatment plant experienced several breakdowns this year; the service contractor took care of problems as they arose. All that could have been done, was done as needed.	2 <sup>nd</sup> quarter
<b>ME0021202 Coveside Inn</b>	Fecal Coli. <b>Actions:</b> Two violations a month apart. Tests before and after were in compliance. The facility is up for sale. When the property sells, the OBD will be removed.	2 <sup>nd</sup> - 3 <sup>rd</sup> quarter
<b>ME0101729 Maine Correctional Center</b>	Settleable Solids Settleable Solids, E-coli <b>Actions</b> Grease in sample caused SS exc. Problems with grease build-up in CCB; cleaned tank. CCB needed cleaning again as sludge was rising and going over the weirs. Recommended increasing CCB maintenance. Facility has the potential to be removed by 2007 due to Little Falls Wastewater conveyance.	2 <sup>nd</sup> Quarter 3 <sup>rd</sup> Quarter
<b>MEU501971 Narraguagus Estates</b>	Fecal Coli. <b>Actions:</b> Letters sent to owner and contract operator concerning violations. Received response from operator concerning upgrades to the chlorination unit and improved monitoring. Will monitor for improvement.	2 <sup>nd</sup> – 3 <sup>rd</sup> quarter

## APPENDIX H

### OBD Facilities in Significant Non-Compliance (SNC) CALENDAR YEAR 2005

Facility                                  Parameter(s)                                  Status (SNC)\*

<b>School Union #15, Windham</b>	TRC  <b>Actions</b> Fixed some leaks in piping and made other improvement. No problems since then.	3 <sup>rd</sup> Quarter
<b>VA Togus</b>	E-coli Copper  <b>Actions</b> E. coli exceedence due to defective ballast and lamps in UV system. High flow due to heavy rainfall and aging collection system. Copper lbs violations due to high flows. Pending enforcement action to resolve and correct these and other issues.	3 <sup>rd</sup> Quarter 4 <sup>th</sup> Quarter

\* 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 CWSRF during the State Fiscal Year 2005:

1. AUBURN SEWERAGE DISTRICT: (\$1,250,000) Sewer rehabilitation and continued sewer separation as part of its Combined Sewer Overflow (CSO) program.
2. AUGUSTA SANITARY DISTRICT: (\$500,000) Emergency sewer rehabilitation/replacement.
3. CITY OF BANGOR: (\$2,650,000) Sewer separation as part of its CSO Master Plan.
4. CITY OF BELFAST: (\$1,972,741.15) Refinance of Rural Development (RD) loan.
5. CITY OF BREWER: (\$1,000,000) Sewer Separation as part of its CSO Master Plan.
6. BRUNSWICK SEWER DISTRICT: (\$1,750,000) Sewer rehabilitation and replacement.
7. CARIBOU UTILITIES DISTRICT: (\$253,756 increase to prior commitment).
8. DEXTER UTILITY DISTRICT: (\$555,000) Refinance of RD loan.
9. TOWN OF FAIRFIELD: (\$1,500,000) CSO sewer separation.
10. KENNEBUNK SEWER DISTRICT: (\$2,000,000) Wastewater treatment plant upgrade.
11. TOWN OF LISBON: (\$350,000) Installation of new headworks.
12. MAPLETON SEWER DISTRICT: (\$150,000) Refinance of RD loan.
13. PORTLAND WATER DISTRICT: (\$1,740,000) Dewatering system upgrade.
14. PORTLAND WATER DISTRICT: (\$375,000) Primary sedimentation basin upgrade with odor control facilities.
15. TOWN OF SKOWHEGAN: (\$6,730,000) Pump station upgrades, CSO storage and sewer separation.
16. SQUIRREL ISLAND VILLAGE CORPORATION: (\$1,000,000) New wastewater collection system to mainland.
17. WALDOBORO UTILITY DISTRICT: (\$1,450,000) Refinance of RD loan.

## 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 far 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 2005. These needs are determined from engineering studies and Capital Improvement Plans for cities and districts.

<b>MAINE WASTEWATER FACILITIES NEEDS</b>				
<b>JANUARY 05</b>				

Municipality or District	Proposed Project			Cost for Next Five Years	Total Cost (up to 15 years)
Ashland	sewer extension			\$270,620	\$270,620
Auburn S.D.	CSO Sewers			\$7,702,179	\$12,330,604
Augusta S.D.	CSO Sewers			\$7,484,103	\$18,175,678
Augusta S.D.	WWTF Disinfection Upgrade			\$1,082,480	\$1,082,480
Bangor	CSO Sewer Work			\$4,811,209	\$4,811,209
Bar Harbor	CSO Sewer Work			\$650,657	\$846,773
Bath	CSO Sewer Work			\$3,047,099	\$3,047,099
Bath	Landfill PS & FM			\$720,691	\$720,691
Belfast	CSO Sewer Work			\$3,207,473	\$3,207,473
Bethel	TMDL			\$0	\$0
Biddeford	CSO Sewer Work			\$2,138,315	\$2,138,315
Bingham	Sewer Rehab			\$1,074,036	\$1,074,036
Brewer	CSO Sewer Work			\$5,129,689	\$5,129,689
Brunswick S.D.	Sewer rehab			\$2,210,877	\$2,210,877
Bucksport	CSO Sewer Work			\$2,672,894	\$2,672,894
Calais	WWTP Upgrade			\$9,275,487	\$15,210,948
Cape Elizabeth	CSO Sewer Work			\$801,868	\$801,868
Carmel	WWTF & Sewers			\$1,094,003	\$1,094,003
Dover-Foxcroft	TMDL			\$0	\$0
Dover-Foxcroft	CSO Sewer Work			\$1,496,821	\$1,496,821
Fairfield	CSO Sewer Work			\$1,069,158	\$1,652,918
Falmouth	WWTP Upgrade			\$6,366,912	\$7,963,630
Farmington	TMDL			\$0	\$0
Farmington	Outfall Relocation & Upgrade			\$867,391	\$867,391
Hallowell W.D.	CSO Sewer Work			\$80,187	\$80,187
Hampden	CSO Sewer Work			\$5,346	\$5,346
Houlton	WWTP upgrade			\$6,494,882	\$6,494,882
Jonesport	WWTF & Sewers			\$0	\$0
K.S.T.D.	CSO Sewer Work			\$1,603,736	\$4,233,864
Kennebunk	TMDL			\$0	\$0
Kennebunk	WWTP Upgrade			\$5,073,152	\$5,073,152
Kennebunkport	WWTF Upgrade			\$1,023,997	\$1,023,997



## APPENDIX J

Municipality or District	Proposed Project	Cost for Next Five Years	Total Cost (up to 15 years)
Kennebunkport	Sewer Rehab	\$1,128,586	\$1,128,586
Kittery	CSO Sewer Work	\$19,245	\$19,245
LAWPCA	WWTF Upgrade	\$7,091,451	\$20,794,737
Lewiston	CSO Sewer Work	\$12,562,601	\$21,171,586
Limestone	Loring/Limestone to Aroos.	\$18,961,023	\$18,961,023
Lincoln S.D.	WWTF Upgrades	\$1,957,732	\$4,060,962
Livermore Falls	TMDL	\$0	\$0
Livermore Falls	sewer rehabilitation	\$391,222	\$391,222
Machias	WWTF upgrade & CSO Sewer Work	\$1,389,905	\$2,785,155
Madawaska	CSO Sewer Work	\$229,869	\$2,098,756
Mechanic Falls S.D.	CSO Sewer Work	\$267,289	\$753,756
Milford	CSO Sewer, Bridge crossing	\$1,098,946	\$1,098,946
Milo W.D.	CSO Sewer Work	\$1,282,989	\$1,282,989
Mt. Desert	WWTF Upgrade/PS/FM	\$6,384,731	\$6,384,731
Newport	TMDL	\$0	\$0
North Jay	TMDL	\$0	\$0
Northport	Upgrade to sec w/in 5 yrs	\$6,052,657	\$6,052,657
Ogunquit	P.S. upgrade and F.M. replacement	\$1,082,480	\$1,082,480
Orono	CSO Sewer Work	\$1,874,924	\$1,874,924
Orono	WWTF Upgrade	\$5,574,097	\$5,574,097
Paris U.D.	CSO Sewer Work	\$2,673	\$2,673
Pass. Ind. Twnshp.	WWTF Upgrade & Sewer	\$6,414,945	\$6,414,945
Patten	sewer ext. to protect well	\$270,620	\$270,620
Portland	CSO Sewer Work	\$39,235,515	\$53,136,059
Portland W.D.	WWTF Upgrade-Portland	\$11,154,631	\$11,154,631
Portland W.D.	WWTF Upgrade-Westbrook	\$7,437,359	\$8,805,372
Portland W.D.	P.S. -Cumberland	\$374,128	\$374,128
Portland W.D.	P.S. Upgrades - Cape Eliz.	\$1,076,533	\$1,076,533
Presque Isle S.D.	Outfall Extension	\$2,155,368	\$2,155,368
Rockland	CSO Sewer Work	\$4,276,630	\$4,276,630
Rumford	TMDL	\$0	\$0
Sabattus	TMDL	\$0	\$0
Saco	CSO Sewer Work	\$4,281,199	\$4,281,199
Sanford S.D.	CSO Sewer Work	\$320,747	\$911,991
Skowhegan	CSO WWTF up & Sewers	\$7,335,147	\$7,335,147
South Portland	CSO Sewer Work, PS, WWTF	\$4,276,630	\$4,461,464
Stockton Springs	sewer extension	\$8,310,156	\$8,310,156
St. Agatha	sewer extension	\$554,084	\$554,084
Topsham	sewer rehab	\$560,563	\$560,563
Vassalboro	TMDL	\$0	\$0
Washburn	WWTF upgrade & sewer ext	\$561,135	\$561,135
Wells	WWTF Dewatering Upgrade	\$1,400,000	\$1,400,000
West Bath	WWTF & Sewers	\$1,972,162	\$1,972,162
Westbrook	CSO Sewer Work	\$236,543	\$236,543
Windham, North	New sewer sys & plant	\$0	\$28,393,211
Windham, South	New P.S., F.M. demolish Little Falls	\$3,635,136	\$3,635,136

## APPENDIX J

Municipality or District	Proposed Project	Cost for Next Five Years	Total Cost (up to 15 years)
Winthrop S. D.	sewer lining	\$595,364	\$595,364
Yarmouth	TMDL		\$0
Yarmouth	Sewer Extensions	\$15,754,263	\$15,754,263
York S.D.	Sewer Extensions	\$0	\$0
<b>TOTALS</b>		<b>\$268,741,223</b>	<b>\$367,607,359</b>