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# Maine Combined Sewer Overflow 2013 Status Report

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# Maine Combined Sewer Overflow 2013 Status Report - revised

June 2014

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Document No.: DEPLQ0972F-2014



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#### Introduction

The purpose of this report is to inform the Combined Sewer Overflow (CSO) communities and the general public on the status of the CSO program in Maine.

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

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

#### What Are CSOs?

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

#### What Are The Impacts Of CSOs?

- Currently in Maine there are 30 communities (towns or cities) with CSO discharge points in their sewerage systems (down from an original 60). These communities collectively have 149 individual CSO discharge points (down from an original 340).
- The frequency of discharges varies greatly from community to community, ranging from seldom to occurring in response to all but the smallest rain storms.
- In large communities hundreds of millions of gallons per year of untreated combined sanitary sewage and storm water may be discharged. In recent years statewide, approximately 0.5 to 1.5 billion gallons were discharged annually from CSOs (down from an estimated original volume of 6.2 billion gallons).
- CSOs discharge untreated combined sewage to receiving waters that vary in size from the ocean and large rivers to small streams and drainage creeks.
- Water quality is impaired by the addition of floatable solids, bacteria, and sometimes industrial pollutants.
- Potential shellfishing areas and beaches can be closed and drinking water supplies threatened.

#### What Is A CSO Community?

- CSO Communities are permitted dischargers of untreated combined sanitary and storm waters. The Department of Environmental Protection issues CSO permittees a wastewater discharge license that requires them to implement EPA's Nine Minimum Control Best Management Practices (BMPs), develop a Long Term Control Plan (LTCP) (a.k.a. Master Plan) to eliminate or abate their overflows, and finally to implement the plan and bring them into compliance with EPA's April 19, 1994 Combined Sewer Overflow (CSO) Control Policy.
- Special Conditions in their Maine Pollutant Discharge Elimination System (MEPDES)
  permit require all CSO permittees to submit an Annual CSO Progress Report to the
  Department for the previous year by March 1st.
- The Progress Report documents the Community's efforts to comply with the Nine Minimum Controls, and collects pertinent fiscal and logistical information about their CSO abatement program. This information is used to track their CSO abatement progress and gather state-wide information on the CSO program and fiscal needs.

#### Where Did We Start?

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

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

- All of Maine's CSO Communities have completed or are working on updates to their comprehensive CSO studies or facilities plans. These plans are often referred to as Master Plans (MPs) or Long Term Control Plans (LTCPs). These documents define the magnitude of the CSO discharges, their impacts on the environment, and evaluate a range of abatement control alternatives and their financial impacts.
- Abatement projects have reduced untreated discharges in all of the CSO Communities.
   A number of communities have eliminated their CSO discharges entirely and are no longer licensed to discharge untreated combined sewage during wet weather.
- Statewide, CSO Communities report that they have invested a total of \$463.4 million in CSO abatement (\$39.3 million in 2013 alone) and anticipate their CSO needs for the next five years to be \$152.9 million. Beyond five years, the expected need to bring them into compliance with the CSO Control Policy is an additional \$117+ million.

#### Where Are We Now?

#### 2013 Status

- 1) In 2013, the 32 CSO Communities reduced the total number of CSO discharge locations by ten (10), down from 159 to 149 (a complete listing of Maine's CSO Communities, their number of CSO outfalls and the outfall receiving waters is listed on page 8). Reductions were in the communities of Auburn (1), Biddeford (2), Brewer (1), Fairfield (2), Lewiston (2), Mechanic Falls (1) and Sanford (1). The chart on page 13, Maine Statewide Number of Combined Sewer Overflow Outfalls, shows a 56% reduction in the number of CSO outfalls since 1989.
- 2) In 2013, the CSO Communities reported a total of 439 overflow event days. This total is arrived at by summing the number of days that each CSO Community experienced an overflow event. An overflow event is any calendar day in which one or more CSO locations within a community have a discharge. The table on page 10, Maine CSO Community Annual Number of CSO Discharge Events, contains a historic listing of the annual number of CSO discharge events for each CSO Community.
- 3) In 2013, twenty-one (21) CSO Communities and one (1) non-community reported at least one combined sewer overflow discharge and eleven (11) reported no overflows at all. Of these twenty-two (22) that reported discharges, nineteen (19) reported discharging less volume in 2013 than in 2012 and only three (3) reported discharging more volume.
- 4) The maximum number of overflow event days reported in 2013 from a single community was 77 events. The average (mean) number of discharge events for all communities was 13 event days and the median was 3 event days. Additional information can be found in the table on page 10, Maine CSO Community Annual Number of CSO Discharge Events.
- 5) The average annual precipitation in Maine is approximately 45 inches. In 2013, the annual precipitation measured by CSO Communities varied significantly from 29.5 to 60.24 inches. The Maine Yearly CSO Volumes and Precipitation chart on page 15 compares annual CSO volumes to yearly precipitation. The chart shows that CSO volumes tend to mirror the yearly ups and downs in precipitation amounts. The chart also shows a continuing widening of the gap (trend lines) between the yearly precipitation amount and the yearly volume of untreated combined sewage being discharged. This widening gap appears to indicate that as CSO abatement projects continue to be completed, overflow volumes are becoming less influenced by precipitation events.
- 6) The volume of untreated combined sewage discharged statewide in 2013 was reported at 0.43 billion gallons. The table on page 9, Maine CSO Community Flow Data, contains a historic listing of the yearly overflows from each CSO Community. The Maine 2013 CSO Flow Comparison pie chart on page 16 and the Maine 2013 CSO Flow Comparison by Community bar chart on page 17 are graphical comparisons of these overflow volumes between the CSO Communities.

- 7) Last year turned out to be a below average weighted precipitation year (42.93"). It also fell below the weighted average for the past five years (49.03") and below the weighted average since 1989 of 47.64". Due to this reduction in annual precipitation and changes in precipitation intensities and frequencies, it is unclear how much of the statewide reduction in volume of untreated CSO discharge in 2013 was a result of ongoing CSO abatement work. That being said, the CSO total annual discharge was reduced by 803 million gallons or 65%, from 1.23 billion gallons in 2012 to 0.43 billion gallons in 2013.
- 8) In 2013, the top twelve (12) CSO discharge communities accounted for approximately 98% of the total annual volume of combined sewage being discharged in the State, while the remaining ten (10) CSO communities accounted for approximately 2% of the annual discharge volume. See the **2013 CSO Flow Comparison** pie chart on page 16.
- 9) The untreated CSO discharges from the City of Portland and the Portland Water District in the greater Portland area accounted for approximately 42% of the State of Maine's total untreated overflow volume in 2013, down from 55% in 2012; see the 2013 Maine CSO Flow Comparison pie chart on page 16. Given the large impact that Portland's data has on the State's total discharge volume, it may be beneficial to exclude Portland's data when examining the State of Maine's overall CSO abatement progress. After removing Portland's overflow volume from the state total, the overflow volume remaining for the CSO Communities decreased by approximately 53% from 0.524 billion gallons in 2012 to 0.246 billion gallons in 2013.
- 10) The chart on page 18 **2013 CSO Watershed Flows**, shows a graphical representation of the CSO volumes discharged by major watershed. In 2013, Casco Bay received approximately 44.1% of the statewide CSO volume discharged, followed by the Androscoggin River at 24.4%, the Saco River at 10.4%, the Kennebec River at 8.5%, the Penobscot River at 7.6%, and the St. Croix River at 4.3%. Discharges to the St. John River, Frenchman Bay and the Machias River account for the remaining ~0.7% of combined sewer overflow volume. The Table on page 19 **Maine CSO Annual Watershed Flows**, shows the actual CSO volumes by discharger associated with the individual watersheds for 2013, as well as for the previous four years.
- 11) Abatement of CSOs is a costly endeavor. To date Maine CSO Communities have reported expending a total of \$463.4 million to implement their CSO abatement project programs. In their 2013 Annual CSO Progress Reports submitted to the State, these CSO Communities reported expending \$39.3 million on abatement work in 2013 alone. They estimate that their future needs to complete their CSO abatement programs will total an additional \$270+ million dollars.
- 12) It is well established that CSOs can and do have impacts on beach and shellfish closures. Stating with certainty that specific CSO events are solely responsible for specific closures is more difficult and is beyond the scope of this report. In some areas there may be other factors that enter into a beach or shellfishing area being closed. These may include, but not necessarily be limited to: urban storm water runoff, malfunctioning septic systems, domestic and non-domestic animal waste, agricultural runoff, and bathers, to name a few. What is assessed in this Annual Report is which beaches and shellfishing areas may have been impacted by CSO discharges.

In 2013, six (6) CSO Communities listed eleven (11) beach areas that could be impacted by their CSO discharges. They were: Bar Harbor (Town Beach off Town Pier & Hulls Cove); Biddeford (Hills Beach, Biddeford Pool & Camp Ellis); Cape Elizabeth (Cliff House Beach, Casino Beach & Fort Williams Park); Portland (East End Beach); South Portland (Willard Beach); and Calais (Red Beach – though not considered a swimming beach).

In 2013, the following beach closures or advisories were reported to the Maine Healthy Beaches web-site (www.mainecoastdata.org/public/CurrentBeachStatus.aspx), though not specifically identified as being caused by CSO activity: (Hulls Cove, Bar Harbor – 2 Advisories) (Town Beach, Bar Harbor – 5 Advisories) (East End, Portland – 2 Closures & 28 Advisories) and (Willard Beach, South Portland – 21 Advisories).

In 2013, five (5) CSO Communities listed shellfishing areas that were closed in their area (Bar Harbor, Calais, Machias, Portland and South Portland). Three (3) of these communities (Bar Harbor, Machias and Portland) reported that the closures were caused in whole or in part by CSO activity.

#### Overall Trends and Considerations

- 1) The volume and frequency of CSO discharges vary from one wet weather event to another based on existing groundwater conditions, frozen or thawed ground, snowmelt, and rainfall volume, duration, and intensity. To evaluate abatement progress it is best to look for an overall trend in reductions, versus trends from year to year. The chart on page 11, Maine Statewide Combined Sewer Overflow Volume Discharged, illustrates the continuing downward trend in the CSO volumes being discharged annually. Since 1989, the volume of untreated combined sewage discharged has decreased by approximately 85 90%. This percentage reduction is stated as an approximate range because of the correlation between reported overflow volumes and variations in annual weather patterns.
- 2) Similarly, the chart on page 12, Maine Statewide Combined Sewer Overflow Annual Number of Discharge Events, shows a downward trend in the number of overflow event days per year. Since 1989, the number of overflow days has decreased by approximately 70 75%, once again stated as an approximation for the reason previously mentioned.
- 3) CSO abatement progress cannot be measured solely by comparing the volumes discharged from one year to the next. The reason is that the volume discharged is influenced by variations in precipitation amounts, intensity and timing, the rate of snow melt, frozen or thawed ground, and existing groundwater levels. Even given the same annual precipitation, it is highly unlikely that any two years would result in the same volume of CSO discharges based on these variables.
- 4) Trying to compare CSO abatement progress from year to year is difficult due to the varying conditions that influence the volume and frequency of overflows, not the least of which is yearly precipitation patterns. To partially compensate for the fluctuation in annual precipitation patterns, the total volume of untreated combined sewage discharged has been unitized by taking into consideration the average annual

precipitation received by each CSO Community. The unitized average annual precipitation for each CSO Community was calculated by applying a weighted precipitation multiplier based on their percentage of the total statewide overflow volume to each community's annual precipitation amount and then summing these values to get a total. The chart on page 14, **Maine Combined Sewer Overflow Annual Volume Discharged per Inch of Precipitation**, illustrates this and shows a continuing downward trend in the volume of combined sewage discharged per inch of annual precipitation. Since 1989, overflow volumes have decreased from approximately 128 million gallons per inch of precipitation to 10 - 40 million gallons per inch of precipitation over the past five years - 10 million gallons in 2013. This analysis is useful as a general indicator of the CSO abatement progress that is being accomplished.

- 5) The relationship between the annual precipitation and the annual volume of combined sewage discharged is not strictly linear. As a general rule, as precipitation levels increase, the volume of combined sewage being discharged per inch of precipitation would increase. However, once the capacity of the combined sewer system is reached, any additional rainfall or snowmelt would overflow the already inundated system.
- 6) Wet weather conditions and precipitation patterns affect individual CSO Communities differently. Some characteristics that contribute to these varying conditions include: the make-up of the sewer system, the number of catch basins connected, the area of impermeable surfaces, and the specific hydraulic restriction(s) causing the overflows, to name just a few. The overflows in some communities are influenced to a greater degree by intense summer storms, while in other communities it might be high ground water. Therefore direct comparisons between various communities should not be made.

#### MAINE – COMBINED SEWER OVERFLOW (CSO) COMMUNITY LIST

STATE OF MANY

(As of December 31, 2013)

	COMMUNITY/PERMITTEE	CSOs	Number of CSOs & Receiving Water
1.	AUBURN SEWERAGE DISTRICT	2	2-Androscoggin Rv.
2.	BANGOR	9	3-Kenduskeag Str., 4-Penobscot Rv.
3.	Bar Harbor (Hulls Cove)	1	1-Frenchman Bay
4.	BAR HARBOR (Main Plant)	3	2-Frenchman Bay, 1-Eddie Brook
5.	Ватн	4	4-Kennebec Rv.
6.	Belfast	2	2-Passagassawakeag River/Belfast Harbor
7.	Biddeford	8	8-Saco Rv.
8.	Brewer	4	3-Penobscot River, 1-Sedgeunkendunk Str.
9.	BUCKSPORT	1	1-Penobscot Rv.
10.	CALAIS	5	4-St. Croix Rv., 1-Landing Brook
11.	CAPE ELIZABETH – Ottawa Road PS (Co-Permittees - So. Portland, PWD, & Cape Eliz.)	1	1-Atlantic Ocean
12.	GARDINER	1	1-Kennebec Rv.
13.	GREATER AUGUSTA UTILITY DISTRICT (GAUD) (Includes <b>Hallowell Sanitary Sewers &amp; CSO</b> )	18	1-Kennedy Bk., 16-Kennebec Rv., 1-Whitney Bk.
14.	HAMPDEN	1	1-Souadabscook Str.
15.	KENNEBEC SANITARY TREATMENT District (KSTD)	3	3-Kennebec Rv.
16.	Lewiston	16	7-Androscoggin Rv., 1-Gully Bk., 1 -Hart Bk., 7-Jepson Bk.
17.	LEWISTON-AUBURN Water Pollution Control Authority (LAWPCA)	1	1-Androscoggin Rv.
18.	MACHIAS	2	2-Machias Rv.
19.	Madawaska	2	2-St. John Rv.
20.	MECHANIC FALLS SANITARY DISTRICT	2	2-Little Androscoggin Rv.
21.	MILFORD	1	1-Penobscot Rv.
22.	OLD TOWN	3	2-Penobscot Rv., 1-Stillwater Rv.
23.	Orono	1	1-Penobscot Rv.
24.	Paris UD	1	1-Little Androscoggin Rv.
25.	PORTLAND - CITY	11	6-Back Cove, 2-Capisic Bk., 2-Portland Harbor., 1-Nason Bk. (marsh)
26.	PORTLAND – PORTLAND WATER DISTRICT (PWD)	20	9-Back Cove, 3-Casco Bay, 6-Fore Rv., 2- Portland Harbor
27.	RANDOLPH	1	1-Kennebec Rv.
28.	SACO	4	1-Bear Bk., 3-Saco Rv.
29.	Skowhegan	7	7-Kennebec Rv.
30.	SOUTH PORTLAND	6	1-Barberry Ck., 1-Fore Rv., 1-Calvery Pond., 2-Portland Hbr., 1-Long Creek
31.	WESTBROOK	5	5-Presumpscot Rv.
32.	WINSLOW	2	2-Sebasticook Rv.
33.	WINTERPORT SEWERAGE DISTRICT	1	1-Penobscot Rv.
	TOTAL CSOc		

TOTAL CSOs

149

33 CSO Permits, permitting 30 CSO Towns/Cities

Two or more permits in one CSO Town/City

Two CSO Towns/Cities covered in one permit

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

### MAINE CSO COMMUNITY FLOW DATA

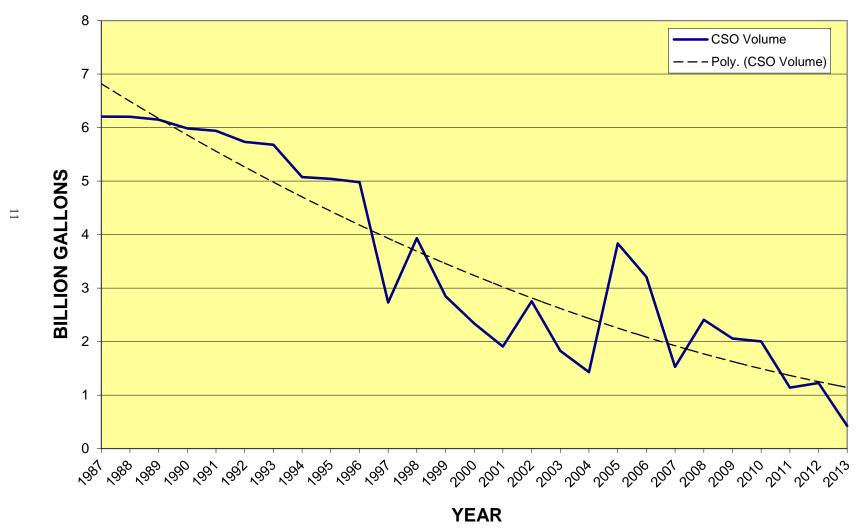
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Halloward W. D 208 GAULKE/10/10/10   55,000   550,000   550,000   550,000   550,000   550,000   500,0	Augusta U.D. MEC	E0100013	72,554,000	72,554,000	72,554,000	72,554,222	5,615,140	2,705,324	2,191,067	7,089,337	3,881,421	26,553,055	14,539,424	10,000,000	48,965,215	15,723,000	49,670,000	31,589,000	38,408,000	26,901,000
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Lewiston-Auturn W.P.C.A. MEDIO1478	MEC	E0100285	350,000	350,000	350,000	0	50,000	50,000	0	0	33,900	0								
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Liemore Falls McDri00315	S.D. MEC	E0101796	2,400,000	2,400,000	2,400,000	349,276	1,057,000													
Machasa   ME0100323   7,000,000   7,000,000   1,194,000   690,000   0   722,230   2,332,45   2,124,118   6,646,222   3,080,025   2,268,720   2,328,905   4,073,938   2,791,982   1,180,678   938; Machanish Falls S.D.   ME0100391   18,000,000   18,000,000   18,000,000   17,997,322   2,220,000   2	MEC	E0100307	600,000	600,000	600,000	850,000	300,000	83,000	0	0	0									
Medawaska ME 0101681 3200,000 3200,000 3200,000 18,000,000 11,000 11,997,322 18,000,000 11,000,000 11,997,322 39,323,398 1,001,489 2,389,769 963,114 11,758,499 9,416,000 11,853,000 11,236,000 6231,000 9,250,000 5,033,002 9,653,01 Millord ME0100285 220,000 220,000 220,000 220,000 220,000 220,000 220,000 0 121,000 0 11,000 0 10,000 10,000 10,000 10,000 10,000 0 0 1,597,000 10,000 0 1,597,000 0 11,779,000 0 18,806,000 10,000 10,000 0 1,000,000 10,000 0 1,000,000						0	-	0												
Mechanic Falls S.D.   ME0100391   18,000,000   18,000,000   18,000,000   18,000,000   18,000,000   18,000,000   22			7,000,000	77		1,184,000	690,000	0			2,124,118				2,328,905	4,073,938	2,791,962	1,180,678	938,330	1,922,819
Millord   ME0102895   220,000   220,000   220,000   220,000   220,000   220,000   220,000   220,000   220,000   220,000   200,000   0   0   0   0   0   0   0   0						0	610,000												377,488	349,400
Mile W.D. ME0100439 10,000 10,000 10,000 10,000 10,000 0 0 0												11,765,409		11,853,000					9,638,035	3,663,997
Old Town   ME0100471   6,300,000   6,300			-			-		220,000	220,000		-,,	0		0		66,285	52,006	407,151	26,970	0
Orno         ME0100498         31,000,000         31,000,000         25,000,000         5,234,000         2,603,000         0         494,000         1,179,000         0         18,467,330         1,314,000         7,360,000         4,820,000         371,471         2,416,910         1,260,837           Paris U.D.         ME 0100951         1,000,000 <t< td=""><td></td><td></td><td></td><td>-</td><td></td><td>-</td><td></td><td>0</td><td>0</td><td></td><td>•</td><td></td><td>•</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>				-		-		0	0		•		•							
Paris U.D. ME 0100951 1,000,000 1,000,000 1,000,000 1,000,000				-,,		-,,			1 1-		-,								0	0
Portland & PWD				. ,,		5,234,000		•	494,000		0					371,471		1,260,837	0	0
Presque Isle ME0100561 27,500,000 27,500,000 27,500,000 10,194,000 7,234,000 113,000 Randolph ME0102423 10,000,000 10,000,000 10,000,000 10,000,00			,,	,,	,,	740 707 000	,	U	0	-,	0	,				070.754.004		400,000,000	1,020,000	0
Randolph ME0102423 10,000,000 10,000,000 10,000,000 10,000,00		•	.,,,	.,,,,	.,,	,,			1,245,153,000	454,680,000	607,351,945 1	,296,000,000	1,816,525,856	589,203,712	883,105,087	872,751,281	780,188,153	496,288,000	704,319,257	179,403,901
Rockland         ME0100595         47,000,000         47,000,000         47,000,000         20,000,000         20,000,000         20,000,000         7,000,000         0			7,	7,	77				106 504	422 E00	0	1 050 020	266 256	450 47C	1 412 000	100 GAE	205 740	222 024	000 424	E0 0E4
Saco ME 0101117 176,000,000 176,000,000 176,000,000 19,608,006 19,264,777 17,720,027 4,316,465 5,758,842 10,313,025 176,214,902 38,451,182 1,950,000 100,000 27,015 924,014 1,372,128 2,964,525 1,000,000 10,					,,	,,	_,,	-,,	100,001		7 000 000	.,,				468,645	∠05,719	223,934	900,434	50,054
Sanford S.D. ME0100617 4,000,000 4,000,000 4,000,000 2,470,950 55,000 0 0 0 0 0 15,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0										- ' '		-		-	•	27.015	024 014	1 272 120	2 064 020	1,100,985
Skowhegan         ME0100625         48,000,000         48,000,000         48,000,000         23,930,371         4,110,833         12,315,897         10,883,416         22,768,111         12,082,768         47,873,323         31,314,358         21,596,631         61,963,453         6,073,919         7,550,855         4,757,994         4,238,833           South Portland         ME0100633         500,000,000         500,000,000         50,000,000         50,000,000         50,000,000         50,000,000         50,000,000         17,535,575         49,503,494         4,467,429         7,896,125         19,812,914         26,810,104         26,118,706         15,727,553         12,883,433         12,183,196         42,095,393         14,906,594         37,134,8           Westbrook         ME0100846         50,000,000         50,000,000         21,391,000         1,229,000         271,000         7,000         94,000         11,119,000         40,636,729         15,879,000         7,379,066         7,069,280         14,105,989         12,202,000         18,903,400         14,000,000         14,000,000         14,000,000         144,000         570,000         91,000         677,800         0         102,000         252,000         18,000         0         0         0         0         10,000         102,000<			-,,	-,,				11,120,021		0,700,042	10,313,023						924,014	1,312,128	2,304,323	1,100,900
South Portland ME0100633 500,000,000 500,000,000 450,000,000 50,000,000 17,535,575 49,503,494 4,467,429 7,896,125 19,812,914 26,810,104 26,118,706 15,727,553 12,883,433 12,183,196 42,095,393 14,906,594 37,134,8 Westbrook ME0100846 50,000,000 50,000,000 50,000,000 50,000,00								12 315 807	·	22 762 111	12 082 768	- U		-	•		7 550 855	4 757 994	4,238,875	4,746,538
Westbrook         ME0100846         50,000,000         50,000,000         50,000,000         21,391,000         1,229,000         2,187,000         7,000         944,000         11,119,000         40,636,729         15,879,000         7,379,066         7,069,280         14,105,989         12,202,000         18,903,4           Winslow         ME0102628         1,300,000         1,300,000         1,300,000         200,000         0         0         0         0         23,652         0         725,000         235,000         5,001         200,000         63,354         1,327,1           Winterport S.D.         ME0100749         680,000         680,000         680,000         680,000         500         200         0         0         0         102,000         252,000         18,000         0         0         0         0         0         102,000         252,000         18,000         0	0																		37,134,882	1,858,579
Winslow         ME0102628         1,300,000         1,300,000         200,000         0         0         0         0         23,652         0         725,000         235,000         5,001         200,000         63,354         1,327,1           Winterport S.D.         ME0100749         680,000         680,000         680,000         680,000         680,000         680,000         680,000         70,500         144,000         570,000         91,000         677,800         0         102,000         252,000         18,000         0         0           Yamouth         ME0100765         1,000         1,000         500         200         200         0         0         0         102,000         252,000         18,000         0																			18,903,485	6,222,000
Winterport S.D.         ME0100749         680,000         680,000         680,000         680,000         680,000         680,000         680,000         680,000         680,000         70,500         144,000         570,000         91,000         677,800         0         102,000         252,000         18,000         0           Yarmouth         ME0100765         1,000         1,000         1,000         500         200         200         0								٥ ا	211,000 0	n,000	0-1-1,000								1,327,119	7,070
Yarmouth ME0100765 1,000 1,000 1,000 500 200 0 0						-	•	70.500	144.000	570.000	91.000		-						1,327,113	0
				-		-	-	-	n ++,000	370,000	31,000	0.7,000	0	102,000	202,000	10,000	· ·	U	J	, in the second
Total 6 203 441 000 6 202 279 600 6 147 129 000 2 846 862 121 2 337 942 803 1 908 571 173 2 753 299 393 1 827 077 657 1 431 100 372 3 834 873 122 3 207 810 924 1 530 056 633 2 409 022 507 2 057 947 144 2 2003 957 863 1 140 692 904 1 227 909 9	WIE		1,000	1,000	1,000	000	200	200	J											
Total 6 203 441 000 6 202 279 600 6 147 129 000 2 846 862 121 2 337 942 803 1 908 571 173 2 753 299 393 1 827 077 657 1 431 100 372 3 834 873 122 3 207 810 924 1 530 056 633 2 400 022 507 2 057 947 144 2 003 057 863 1 140 622 904 1 227 900 0																				
-1.227.303.2391 - 1.447.327.2031 - 1.447.2031 - 1	Total		6,203,441.000	6,202,279.600	6,147,129.000	2,846,862.121	2,337,942.803	1,908,571.173	2,753,299.393	1,827,077.657	1,431,109.372	3,834,873.122	3,207,810,924	1,530,056,633	2,409,022,597	2,057,947,144	2,003,957,863	1,140,692,904	1,227,909,989	425,077,395
and the death decided by the least testing testing testing the least testing tes			-,, ,	-, -, -,	., , .,	77 7	1 1- 1	7/- / -	,,,	1- 1- 1	7 - 77-	7 77							1.23	0.43
											-					34				

## MAINE CSO COMMUNITY ANNUAL NUMBER OF CSO DISCHARGE EVENTS

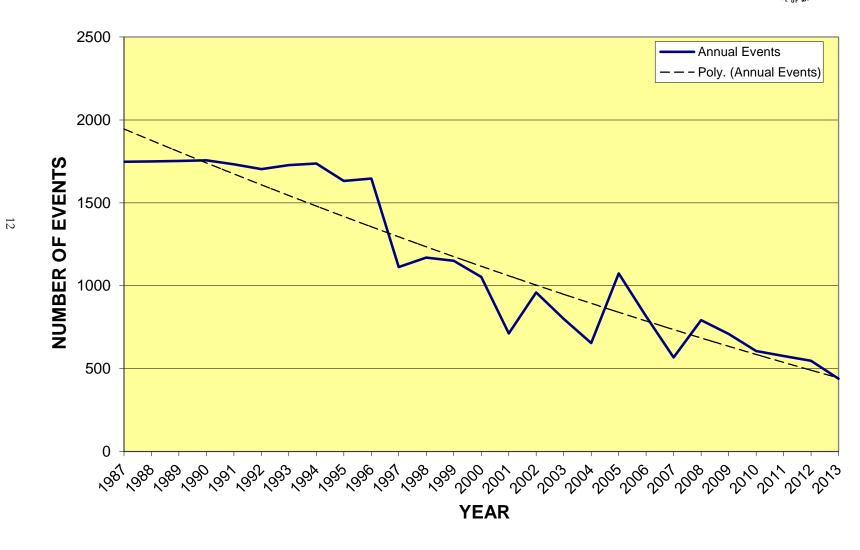
							Annual Nu	mber of CSO D	ischarge Even	ıts									
No longer a CSO Comm	nunity						z amaar Nu		go Even										
Community	NPDES Permit No.	1987	1988	1989	1999	2000	2001	<b>Year</b> 2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	20
Auburn S.D.	ME0100005	80	80	80	7	7	44	67	62	24	58	37	42	59	61	37	11	8	
Bangor	ME0100781	53	53	53	33	37	20	40	49	42	46	58	25	65	78	73	54	38	
Bar Harbor	ME0101214 & ME0102466	155	155	155	98	44	7	21	16	5	22	18	10	27	28	19	6	13	
Bath	ME0100021	64	64	64	37	21	10	25	23	20	33	32	25	29	21	20	12	23	
Belfast	ME0101532	7	7	7	7		1	0	0	0	5	3	5	4	3	6	3	0	
Biddeford	ME0100048	180	180	180	162	184	140	150	93	61	104	82	70	53	46	28	100	146	
Brewer	ME0100072	95	95	95	95	80	53	72	66	72	78	45	38	59	56	50	45	5	
Bucksport	ME0100111	53	53	53	17	10	32	24	25	8	24	18	2	0	0	0	0	0	
Calais	ME0100129	15	15	15	15	15	15	15	15	9	15	5	8	10	14	8	6	14	
Cape Elizabeth	ME0102806	5	5	5	5	5	3	0	2	5	20	20	5	11	17	12	6	11	
Corinna S.D.	ME0100153	30	30	30	26	23	19	1	1	0									
Dover-Foxcroft	ME0100501	8	8	8	0	1	0	0	0	0	2	0							
East Millinocket	ME0100196	11	11	11	0	0	0	0	0	0	0	0							
Fairfield	ME0102393	15	15	15	4	4	4	4	0	0	0	0	0	0	0	0	0	0	
Fort Kent U.D.	ME0102369	10	10	10	0	2	0	0	2	1	4								
Gardiner	ME0101702	40	40	40	11	13	9	13	24	11	41	14	2	8	2	12	6	6	
Greater Augusta U.D.	ME0100013	80	80	80	59	73	25	58	70	58	73	50	29	34	35	32	37	29	
Hallowell W.D 2008 G		14	14	14	6	3	0	0	2	0	14	3	3	-	-	-	-	-	-
Hampden	ME0102512	1	3	8	11	9	0	0	2	0	13	0	1	0	1	1	1	0	
Kennebec S.T.D.	ME0100854	15	15	15	6	6	4	0	5	7	9	3	1	4	0	0	0	1	
Kittery	ME0100285	7	7	7	0	1	1	0	0	1	0								
Lewiston	ME0100994	80	80	80	62	70	43	57	55	65	69	70	38	71	58	68	45	38	
Lewiston-Auburn W.P.C		80	80	80	80	41	28	25	23	35	49	44	29	38	36	44	37	22	
Lincoln S.D.	ME0101796	10	10	10	11	2													
Lisbon	ME0100307	5	5	5	1	1	1	0	0	0									
Livermore Falls	ME0100315																	_	
Machias	ME0100323	15	15	15	9	5	0	4	16	8	15	10	5	12	13	9	7	9	
Madawaska	ME 0101681	16	16	16	0	3	1	1	7	4	65	14	17	18	32	17	10	8	
Mechanic Falls S.D.	ME0100391	42	42	42	18		10	15	20	12	29	23	9	42	42	18	39	28	
Milford	ME0102695	8	8	8	8	8	8	8	8	8	0	8	0	4	1	3	2	1	
Milo W.D.	ME0100439	3	3	3	3	1	0	0	1	0	1	0	2	1	0	4	0		
Old Town	ME0100471	25	25	25	5	4	0	5	7	1	13	1	4	4	0	1	0	0	
Orono	ME0100498	30	30	28	12	4	0	0	2	0	12	3	6	7	3	3	2	0 4	
Paris U.D.	ME 0100951	5	5	5	•		0 58	141	71	0 86	2 88	93	2 58	2 87	0 104	79	0 88	70	
Progress lale	City-ME0101435 / PWD-ME0102075 ME0100561	100 26	100 26	100 26	81 12	83 14	58	141	71	86	88	93	58	87	104	79	88	70	
Presque Isle Randolph	ME0102423	23	23	23	23	23	19	3	2	0	8	3	1	9	7	3	2	2	
Rockland	ME0100595	23	23	23	18	8	5	11	6	2	0	0	0	0	0	3	2		
Saco	ME 0101117	44	44	44	39	44	22	36	22	32	41	24	12	12	9	10	4	21	
Sanford S.D.	ME0100617	10	10	10	39	1	0	36	0	0	0	24	0	0	0	0	0	0	
Skowhegan	ME0100617 ME0100625	160	160	160	111	161	95	115	77	53	81	81	55	58	17	23	21	25	
South Portland	ME0100625 ME0100633	23	23	23	23	15	12	11	10	10	20	20	5	10	10	12	13	12	
Westbrook (PWD)	ME0100836	50	50	50	19	16	15	33	7	13	17	31	55	50	11	12	16	13	
Winslow	ME0102628	20	20	20	19	0	0	0	0	0	1	0	3	3	3	2	3	9	
Winterport S.D.	ME0100749	8	8	8	, R	8	3	3	8	1	2	0	1	1	1	0	0	0	
Yarmouth	ME0100765	4	4	4	4	2	1	0		·			·			0			
Т	otal	1748	1750	1753	1150	1053	712	959	800	654	1074	816	568	792	709	606	576	556	
		.,,			1.00	1000	7 12	303	500	304	1377	310	300	752	700	000	370	300	
Me	dian	23	23	23	11	8	4.5	4	7	5	15	12	5	10	10.5	12	6	9	
	ean	39	39	39	26	24	16	22	19	16	27	21	16	23	21	18	17	17	
	timated from LTCP/MP or other source.	33	53	55	20	27	10		13	10		<u> </u>	10	20	<u> </u>	10	17		
boto in blue are est	and the state of t																		
							Linear Regressi	on Calculation of	f Total Events S	ince 1989	728	687	607	583	550	505	463	425	
											-	-	-						

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



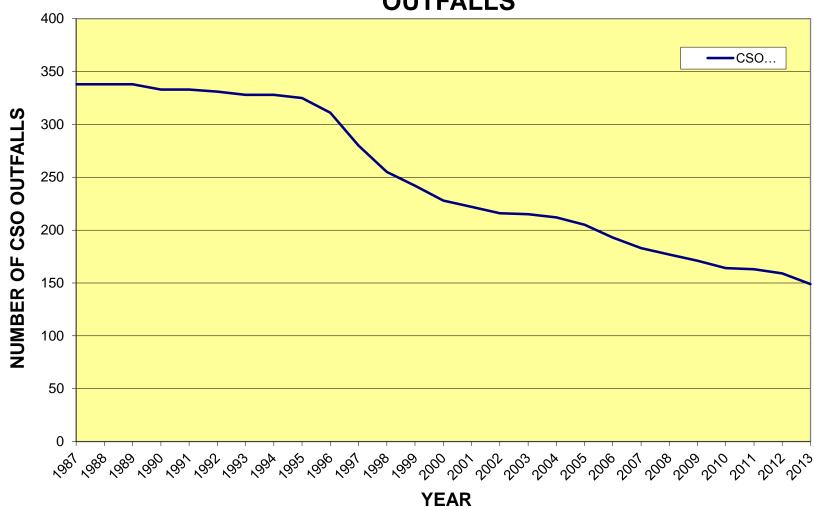


# MAINE - STATEWIDE COMBINED SEWER OVERFLOW (CSO) ANNUAL NUMBER OF DISCHARGE EVENTS

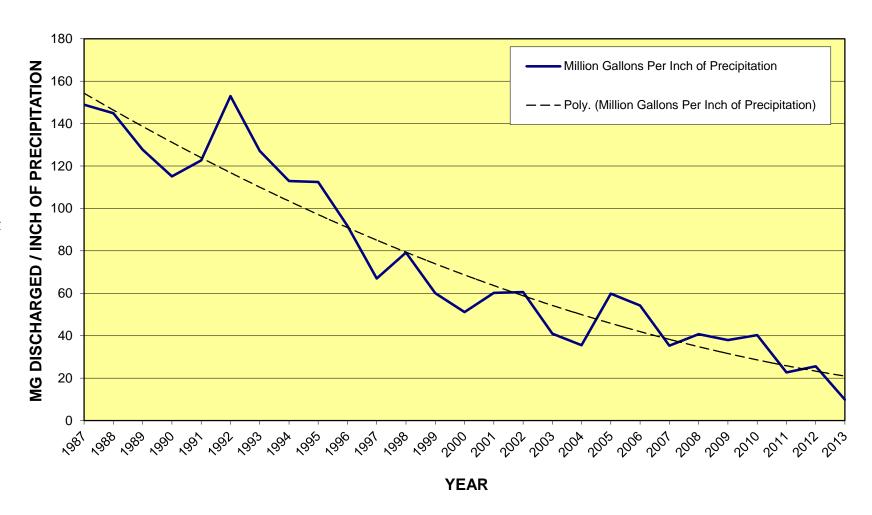


## MAINE - STATEWIDE NUMBER OF COMBINED SEWER OVERFLOW (CSO) OUTFALLS



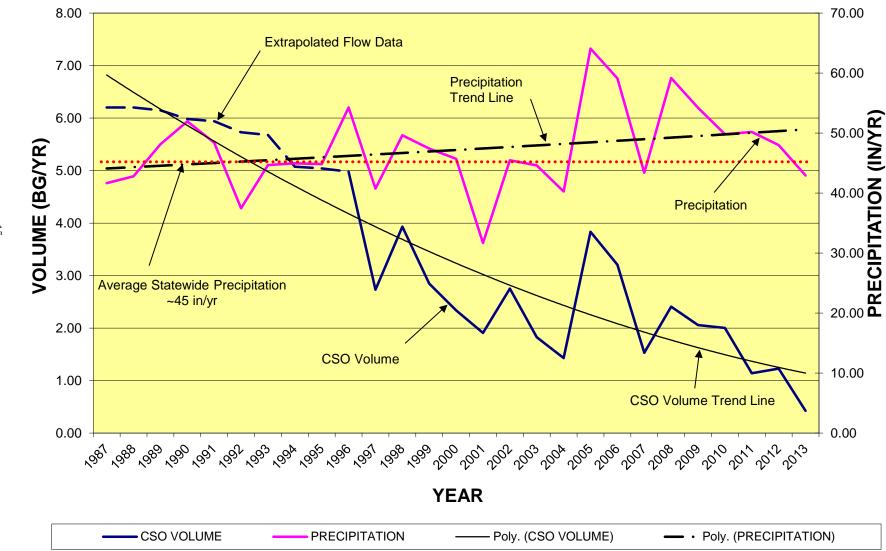


# MAINE COMBINED SEWER OVERFLOWS ANNUAL VOLUME DISCHARGED PER INCH OF PRECIPITATION



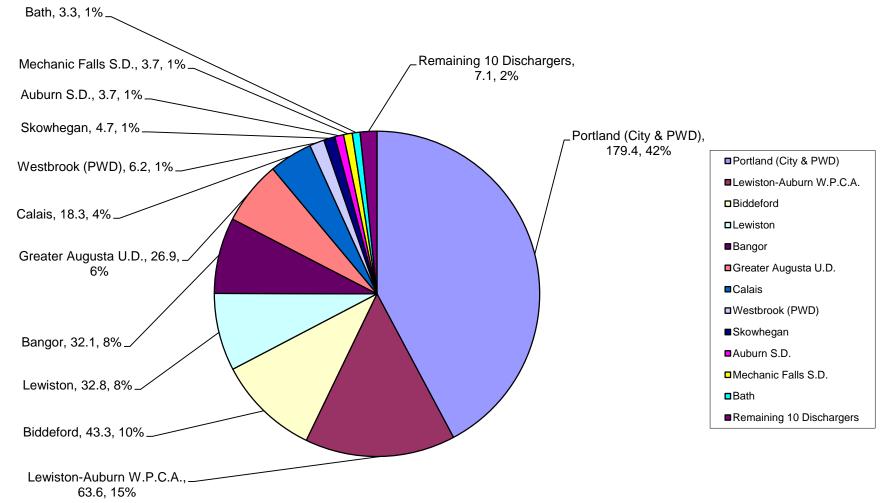
# MAINE YEARLY CSO VOLUMES AND PRECIPITATION





#### Maine 2013 CSO FLOW COMPARISON 30 CSO COMMUNITIES 22 DISCHARGERS - 0.43 BILLION GALLONS

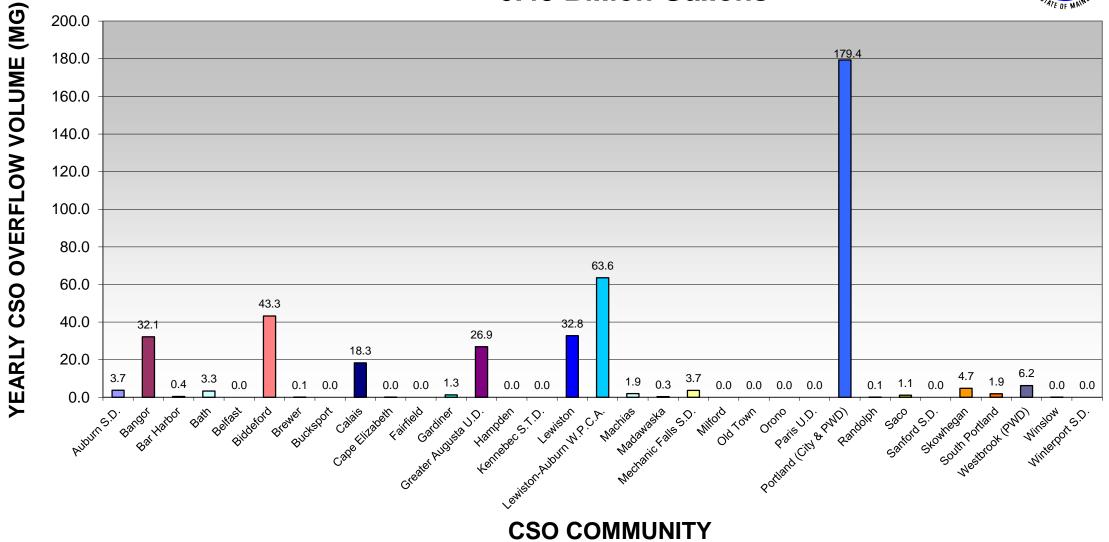




Discharger, Overflow in Million Gallons (MG), Percent of

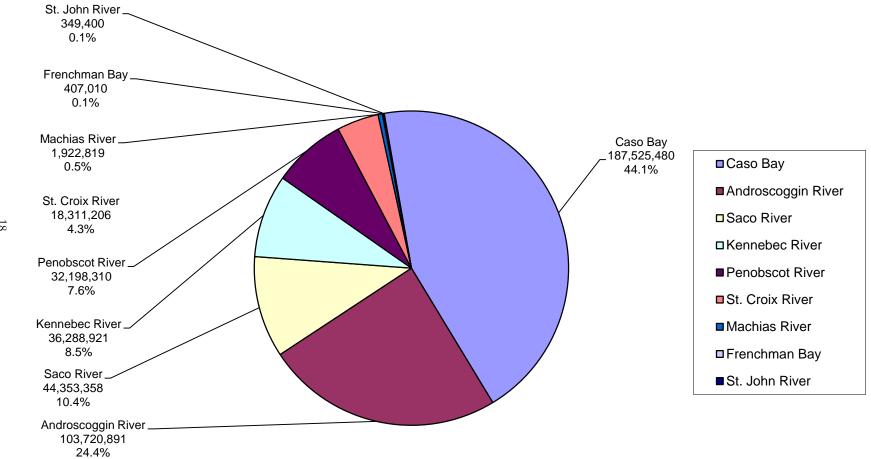
# Maine 2013 CSO FLOW COMPARISON BY COMMUNITY 0.43 Billion Gallons





# **Maine 2013 CSO Watershed Flows 0.43** Billion Gallons





### MAINE CSO ANNUAL WATERSHED FLOWS

			Annua	I CSO Flows	(Gallons)	
	Community	2009	2010	2011	2012	2013
_	Auburn SD	19,440,841	12,952,500	19,234,856	12,404,500	3,717,000
ggir	Lewiston-Auburn WPCA	207,794,000	156,986,000	108,278,048	113,380,000	63,567,000
Androscoggin River	Lewiston	116,557,656	113,285,042	78,521,909	90,103,658	32,772,894
g iz	Mechanic Falls SD	6,231,000	9,250,000	5,033,002	9,638,035	3,663,997
Ā	Paris UD	0	110,000	0	1,020,000	0
	Sub Total	350,023,497	292,583,542	211,067,815	226,546,193	103,720,891
	Cape Elizabeth	3,527,000	3,955,292	1,072,000	2,735,000	41,000
Bay	Portland-City & PWD	872,751,281	780,188,153	496,288,000	704,319,257	179,403,901
Casco Bay	South Portland	12,183,196	42,095,393	14,906,594	37,134,882	1,858,579
తో	Westbrook	7,069,280	14,105,989	12,202,000	18,903,485	6,222,000
	Sub Total	895,530,757	840,344,827	524,468,594	763,092,624	187,525,480
_	Bar Harbor	11,935,337	6,930,405	2,563,669	3,776,092	407,010
mar /	Баг нагрог	11,935,337	6,930,405	2,563,669	3,776,092	407,010
Frenchman Bay						
F	Sub Total	11,935,337	6,930,405	2,563,669	3,776,092	407,010
		, ,	-,,	, ,		,
	Augusta SD	15,723,000	49,670,000	31,589,000	38,408,000	26,901,000
	Bath	11,323,060	12,930,203	10,067,181	12,199,904	3,297,259
<u>.</u>	Fairfield	0	0	0	0	0
Kennebec River	Gardiner	1,380,000	10,453,761	4,655,000	4,455,400	1,287,000
၁ဓင	Hallowell WD	-	-	-	-	-
net.	Kennebec STD	0	0	0	135,444	0
출	Randolph	488,645	285,719	223,934	988,434	50,054
1	Skowhegan Winslow	6,073,919	7,550,855 200,000	4,757,994 63,354	4,238,875	4,746,538
	Sub Total	5,001 <b>34,993,625</b>	81,090,538	51,356,463	1,327,119 <b>61,753,176</b>	7,070 <b>36,288,921</b>
	Sub rotar	34,993,023	01,090,000	31,330,403	01,733,170	30,200,321
as _	Machias	4,073,938	2,791,962	1,180,678	938,330	1,922,819
Machias River						
Ĕ	Sub Total	4,073,938	2,791,962	1,180,678	938,330	1,922,819
	Sanford SD	0	0	0	0	0
Jsar	Sariioid SD	U	0	U	U	0
Mousam River	Sub Total	0	0	0	0	0
		-	-	-		
ğ	Belfast	260,036	486,919	490,495	0	0
nobsc Bay	Rockland	0	0	0	0	0
Penobscot Bay						
ш.	Sub Total	260,036	486,919	400 40E	0	0
		,	700,313	490,495		
1	Bangor				69 940 000	
	Bangor Brewer	347,360,000	389,300,000	146,000,000	69,940,000 435,548	32,140,000
					69,940,000 435,548 0	
ā	Brewer	347,360,000 229,270,683	389,300,000 227,139,515	146,000,000 140,065,515	435,548	32,140,000 58,310
River	Brewer Bucksport	347,360,000 229,270,683 0	389,300,000 227,139,515 0 0	146,000,000 140,065,515 0 0	435,548 0	32,140,000 58,310 0 0
cot River	Brewer Bucksport Dover-Foxcroft East Millinocket Hampden	347,360,000 229,270,683 0 0 0 500,000	389,300,000 227,139,515 0 0 0 500,000	146,000,000 140,065,515 0 0 0 500,000	435,548 0 0 0	32,140,000 58,310 0 0 0
obscot River	Brewer Bucksport Dover-Foxcroft East Millinocket Hampden Milford	347,360,000 229,270,683 0 0 0 500,000 66,285	389,300,000 227,139,515 0 0 0 500,000 52,006	146,000,000 140,065,515 0 0 0 500,000 407,151	435,548 0 0 0 0 0 26,970	32,140,000 58,310 0 0 0 0
Penobscot River	Brewer Bucksport Dover-Foxcroft East Millinocket Hampden Milford Milo WD	347,360,000 229,270,683 0 0 0 500,000 66,285	389,300,000 227,139,515 0 0 0 500,000 52,006	146,000,000 140,065,515 0 0 0 500,000 407,151	435,548 0 0 0 0 0 26,970	32,140,000 58,310 0 0 0 0
Penobscot River	Brewer Bucksport Dover-Foxcroft East Millinocket Hampden Milford Milo WD Old Town	347,360,000 229,270,683 0 0 0 500,000 66,285 0	389,300,000 227,139,515 0 0 0 500,000 52,006 0 125,000	146,000,000 140,065,515 0 0 0 500,000 407,151 0	435,548 0 0 0 0 0 26,970 0	32,140,000 58,310 0 0 0 0 0
Penobscot River	Brewer Bucksport Dover-Foxcroft East Millinocket Hampden Milford Milo WD Old Town Orono	347,360,000 229,270,683 0 0 0 500,000 66,285 0 0 371,471	389,300,000 227,139,515 0 0 0 500,000 52,006 0 125,000 2,416,910	146,000,000 140,065,515 0 0 0 500,000 407,151 0 0 1,260,837	435,548 0 0 0 0 0 26,970 0 0	32,140,000 58,310 0 0 0 0 0 0 0
Penobscot River	Brewer Bucksport Dover-Foxcroft East Millinocket Hampden Milford Milo WD Old Town Orono Winterport SD	347,360,000 229,270,683 0 0 0 500,000 66,285 0 0 371,471 18,000	389,300,000 227,139,515 0 0 0 500,000 52,006 0 125,000 2,416,910	146,000,000 140,065,515 0 0 0 500,000 407,151 0 0 1,260,837	435,548 0 0 0 0 0 26,970 0 0 0	32,140,000 58,310 0 0 0 0 0 0 0 0 0
Penobscot River	Brewer Bucksport Dover-Foxcroft East Millinocket Hampden Milford Milo WD Old Town Orono	347,360,000 229,270,683 0 0 0 500,000 66,285 0 0 371,471	389,300,000 227,139,515 0 0 0 500,000 52,006 0 125,000 2,416,910	146,000,000 140,065,515 0 0 0 500,000 407,151 0 0 1,260,837	435,548 0 0 0 0 0 26,970 0 0	32,140,000 58,310 0 0 0 0 0 0 0
	Brewer Bucksport Dover-Foxcroft East Millinocket Hampden Milford Milo WD Old Town Orono Winterport SD	347,360,000 229,270,683 0 0 0 500,000 66,285 0 0 371,471 18,000	389,300,000 227,139,515 0 0 0 500,000 52,006 0 125,000 2,416,910	146,000,000 140,065,515 0 0 0 500,000 407,151 0 0 1,260,837	435,548 0 0 0 0 0 26,970 0 0 0	32,140,000 58,310 0 0 0 0 0 0 0 0 0
	Brewer Bucksport Dover-Foxcroft East Millinocket Hampden Milford Milo WD Old Town Orono Winterport SD Sub Total Biddeford Saco	347,360,000 229,270,683 0 0 0 500,000 66,285 0 371,471 18,000 577,586,439 146,452,750 27,015	389,300,000 227,139,515 0 0 0 500,000 52,006 0 125,000 2,416,910 0 619,533,431 127,029,700 924,014	146,000,000 140,065,515 0 0 0 500,000 407,151 0 1,260,837 0 288,233,503 41,609,559 1,372,128	435,548 0 0 0 0 0 26,970 0 0 0 70,402,518 79,848,639 2,964,929	32,140,000 58,310 0 0 0 0 0 0 0 0 32,198,310 43,252,373 1,100,985
Saco River	Brewer Bucksport Dover-Foxcroft East Millinocket Hampden Milford Milo WD Old Town Orono Winterport SD Sub Total	347,360,000 229,270,683 0 0 0 500,000 66,285 0 371,471 18,000 577,586,439	389,300,000 227,139,515 0 0 0 500,000 52,006 0 125,000 2,416,910 0 619,533,431	146,000,000 140,065,515 0 0 0 500,000 407,151 0 0 1,260,837 0 288,233,503	435,548 0 0 0 0 0 26,970 0 0 0 70,402,518 79,848,639	32,140,000 58,310 0 0 0 0 0 0 0 0 32,198,310
Saco	Brewer Bucksport Dover-Foxcroft East Millinocket Hampden Milford Milo WD Old Town Orono Winterport SD Sub Total Biddeford Saco Sub Total	347,360,000 229,270,683 0 0 0 500,000 66,285 0 371,471 18,000 577,586,439 146,452,750 27,015 146,479,765	389,300,000 227,139,515 0 0 0 500,000 52,006 0 125,000 2,416,910 0 619,533,431 127,029,700 924,014 127,953,714	146,000,000 140,065,515 0 0 500,000 407,151 0 1,260,837 0 288,233,503 41,609,559 1,372,128 42,981,687	435,548 0 0 0 0 26,970 0 0 0 70,402,518 79,848,639 2,964,929 82,813,568	32,140,000 58,310 0 0 0 0 0 0 0 32,198,310 43,252,373 1,100,985 44,353,358
Saco	Brewer Bucksport Dover-Foxcroft East Millinocket Hampden Milford Milo WD Old Town Orono Winterport SD Sub Total Biddeford Saco	347,360,000 229,270,683 0 0 0 500,000 66,285 0 371,471 18,000 577,586,439 146,452,750 27,015	389,300,000 227,139,515 0 0 0 500,000 52,006 0 125,000 2,416,910 0 619,533,431 127,029,700 924,014	146,000,000 140,065,515 0 0 0 500,000 407,151 0 1,260,837 0 288,233,503 41,609,559 1,372,128	435,548 0 0 0 0 0 26,970 0 0 0 70,402,518 79,848,639 2,964,929	32,140,000 58,310 0 0 0 0 0 0 0 0 32,198,310 43,252,373 1,100,985
Saco	Brewer Bucksport Dover-Foxcroft East Millinocket Hampden Milford Milo WD Old Town Orono Winterport SD Sub Total Biddeford Saco Sub Total	347,360,000 229,270,683 0 0 0 500,000 66,285 0 371,471 18,000 577,586,439 146,452,750 27,015 146,479,765	389,300,000 227,139,515 0 0 0 500,000 52,006 0 125,000 2,416,910 0 619,533,431 127,029,700 924,014 127,953,714	146,000,000 140,065,515 0 0 0 500,000 407,151 0 1,260,837 0 288,233,503 41,609,559 1,372,128 42,981,687	435,548 0 0 0 0 0 26,970 0 0 0 70,402,518 79,848,639 2,964,929 82,813,568 18,210,000	32,140,000 58,310 0 0 0 0 0 0 0 0 32,198,310 43,252,373 1,100,985 44,353,358 18,311,206
	Brewer Bucksport Dover-Foxcroft East Millinocket Hampden Milford Milo WD Old Town Orono Winterport SD Sub Total Biddeford Saco Sub Total	347,360,000 229,270,683 0 0 0 500,000 66,285 0 371,471 18,000 577,586,439 146,452,750 27,015 146,479,765	389,300,000 227,139,515 0 0 0 500,000 52,006 0 125,000 2,416,910 0 619,533,431 127,029,700 924,014 127,953,714	146,000,000 140,065,515 0 0 500,000 407,151 0 1,260,837 0 288,233,503 41,609,559 1,372,128 42,981,687	435,548 0 0 0 0 26,970 0 0 0 70,402,518 79,848,639 2,964,929 82,813,568	32,140,000 58,310 0 0 0 0 0 0 0 32,198,310 43,252,373 1,100,985 44,353,358
St. Croix Saco River	Brewer Bucksport Dover-Foxcroft East Millinocket Hampden Milford Milo WD Old Town Orono Winterport SD Sub Total  Calais Sub Total	347,360,000 229,270,683 0 0 0 500,000 66,285 0 0 371,471 18,000 577,586,439 146,452,750 27,015 146,479,765 21,263,750 21,263,750	389,300,000 227,139,515 0 0 0 500,000 52,006 0 125,000 2,416,910 0 619,533,431 127,029,700 924,014 127,953,714 31,134,915	146,000,000 140,065,515 0 0 0 500,000 407,151 0 1,260,837 0 288,233,503 41,609,559 1,372,128 42,981,687 16,860,000	435,548 0 0 0 0 0 26,970 0 0 70,402,518 79,848,639 2,964,929 82,813,568 18,210,000 18,210,000	32,140,000 58,310 0 0 0 0 0 0 0 0 32,198,310 43,252,373 1,100,985 44,353,358 18,311,206
St. Croix Saco River	Brewer Bucksport Dover-Foxcroft East Millinocket Hampden Milford Milo WD Old Town Orono Winterport SD Sub Total Biddeford Saco Sub Total	347,360,000 229,270,683 0 0 0 500,000 66,285 0 371,471 18,000 577,586,439 146,452,750 27,015 146,479,765	389,300,000 227,139,515 0 0 0 500,000 52,006 0 125,000 2,416,910 0 619,533,431 127,029,700 924,014 127,953,714	146,000,000 140,065,515 0 0 0 500,000 407,151 0 1,260,837 0 288,233,503 41,609,559 1,372,128 42,981,687	435,548 0 0 0 0 0 26,970 0 0 0 70,402,518 79,848,639 2,964,929 82,813,568 18,210,000	32,140,000 58,310 0 0 0 0 0 0 0 0 32,198,310 43,252,373 1,100,985 44,353,358 18,311,206
Saco	Brewer Bucksport Dover-Foxcroft East Millinocket Hampden Milford Milo WD Old Town Orono Winterport SD Sub Total  Calais Sub Total	347,360,000 229,270,683 0 0 0 500,000 66,285 0 0 371,471 18,000 577,586,439 146,452,750 27,015 146,479,765 21,263,750 21,263,750	389,300,000 227,139,515 0 0 0 500,000 52,006 0 125,000 2,416,910 0 619,533,431 127,029,700 924,014 127,953,714 31,134,915	146,000,000 140,065,515 0 0 0 500,000 407,151 0 1,260,837 0 288,233,503 41,609,559 1,372,128 42,981,687 16,860,000	435,548 0 0 0 0 0 26,970 0 0 0 70,402,518 79,848,639 2,964,929 82,813,568 18,210,000 18,210,000	32,140,000 58,310 0 0 0 0 0 0 0 0 32,198,310 43,252,373 1,100,985 44,353,358 18,311,206