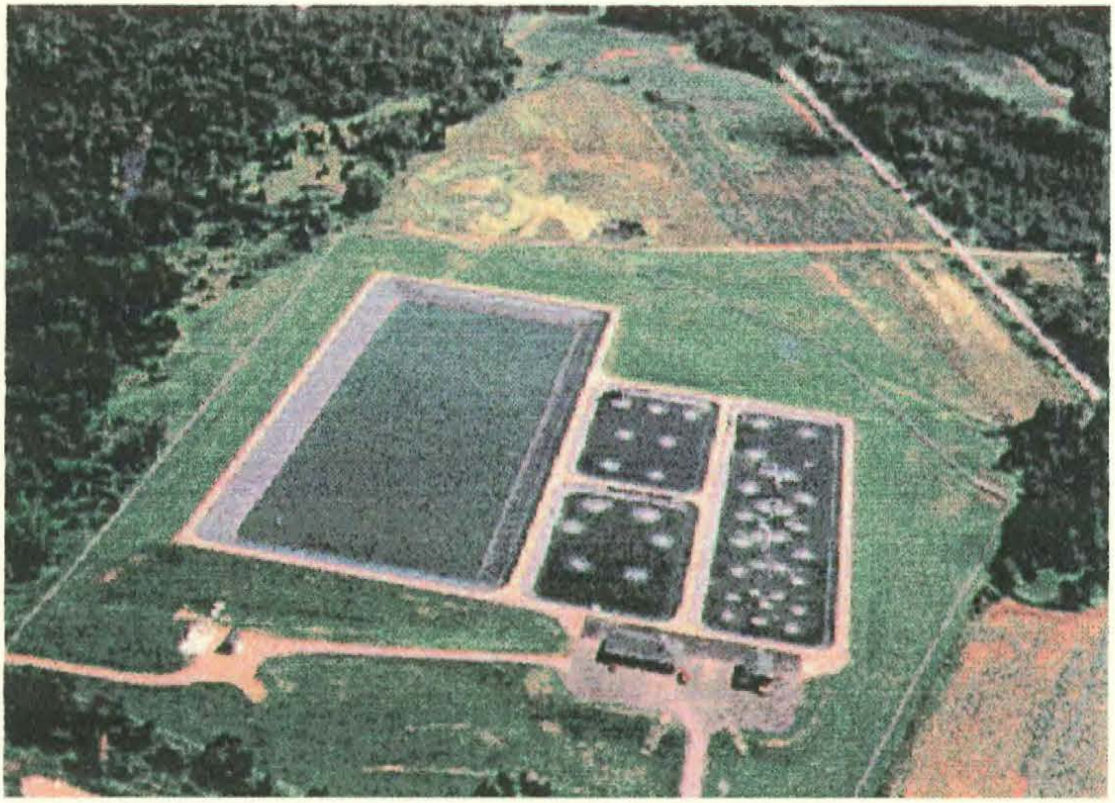
Status of Mercury From Wasterwater Facilities In Maine



A Report by the Department of Environmental Protection

Submitted to the
Joint Standing Committee on Natural Resources
January 14, 2000

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I. INTRODUCTION

In 1999, the Department of Environmental Protection (DEP) submitted a report to the Joint Standing Committee on Natural Resources regarding discharges of mercury into waters of the state. The report encompassed a number of mercury issues, including new laboratory analysis and sampling methods; testing results from waste water treatment plant discharges; mercury levels in receiving waters of the state; and sources of mercury in wastewater treatment facilities. Briefly, the report concluded that new sampling techniques and laboratory methods can reliably detect mercury levels in waste water effluent and ambient surface waters in nanograms per liter (parts per trillion). Given these low detection levels, many municipal and industrial wastewater treatment plants would not be in compliance with a 1971 provision of Maine prohibiting the discharge of mercury in any concentration that would increase the natural concentration of mercury in the receiving water. (See "Mercury in Wastewater: Discharges to Waters of the State 1999", a report by the Department of Environmental Protection, February 1, 1999.)

During the First Regular Session of the 119th Legislature, PL 1999, Chapter 500 was enacted that further required the DEP to implement three new mercury strategies: 1) adopt a rule to establish interim mercury discharge limits for all licensed waste water treatment plants; 2) develop model pollution prevention plans that would be implemented by each licensed facility pending development of a new mercury standard; and 3) recommend a proposed statewide standard for mercury that is protective of human health, aquatic life, and wildlife by January 15, 2001. The interim discharge limits and the pollution prevention plans are scheduled to sunset on October 1, 2001. This legislation also required the DEP to submit reports to the Natural Resources Committee in January 2000/2001 on the status of mercury discharges from facilities subject to the interim mercury limits, and the status of their efforts at implementing the mercury pollution prevention plans.

This report summarizes the results of mercury sampling at more than 100 municipal and industrial wastewater treatment plants in Maine, and discusses the status of the interim mercury effluent rule and implementation efforts to reduce sources of mercury in wastewater treatment plant effluent.

II. PROPOSED INTERIM RULE

Adoption of rules establishing interim effluent limits for the discharge of mercury.

In order to develop rules establishing interim effluent limits for discharges of mercury, the Department utilized a stakeholder process. A group of 16 persons representing various municipal, industrial, environmental and consulting interests meet three times during July and August 1999. While not all persons attended the meetings, each member of the group was kept informed through copies of meeting notes, drafts and supporting documents. A list of the persons in the stakeholder group is presented below. The Department found the stakeholder group to be very valuable in preparing and critiquing a draft rule. The participation and effort of the individuals in the stakeholder group is much appreciated and the Department believes that their involvement measurably expedited and improved the rule-making process.

List of stakeholders for interim effluent limits rule

NAME	AFFILIATION
Deidre Whitehead	Passamaquoddy Nation
Dan Kusnierz	Penobscot Nation
Ken Gallant	Champion International Corporation
Mic Lebel	Maine Pulp and Paper Association
Nick Bennett	Natural Resource Council of Maine
John Barlow	Paris Utilities District
Steve Levy	Maine Rural Water Association
Brad Moore	City of Bangor
Jennifer Cost	Maine Audubon Society
Steve Lane	Town of Millinocket
Chris Hall	Maine State Chamber of Commerce
Sandy Perry	East Coast Environmental Services
Bill Taylor	Pierce Atwood
Larry Pritchett	Private environmental consultant
Bill Olver	Olver and Associates
Steve Silva	US EPA

In addressing several issues necessary to fulfill the intent of Chapter 500, the stakeholder group considered, among others, the following:

- Identification of discharge sources that would require interim effluent limits;
- Determining the amount of testing necessary to establish interim effluent limits;
- Defining the statistical methods to be used to set interim effluent limits;
- Providing for adjustment of interim effluent limits when certain conditions arise;

- Establishing the amount of testing needed to evaluate compliance with interim effluent limits;
- Identification of preliminary steps to be taken in the event of non-compliance with interim effluent limits; and
- Providing for implementation of mercury pollution prevention plans.

In developing the draft rules, the stakeholder group recognized that, upon passage of Chapter 500, many wastewater treatment facilities had done little or no mercury testing using the so-called "clean" methods. This created two issues that needed to be addressed in order to establish interim effluent limits. First, the rule would need to require that each facility conduct at least a minimum number of clean mercury tests. In doing so, structuring sampling schedules over several months will allow consideration of seasonal variations in mercury discharges. Second, methods of statistical evaluation are most appropriate for situations where a large number of test results are available. Smaller numbers of tests create more statistical uncertainty and the resulting limits are less accurate in estimating all conditions that may arise. The method used in the rule represents a "best fit" for the number of mercury tests that can reasonable be conducted be individual wastewater treatment facilities.

Following the State's Administrative Procedures Act, the draft rule prepared in conjunction with the stakeholder group was presented to the Board of Environmental Protection on September 16, 1999 for posting to public hearing. The public hearing was held on October 21, 1999, and the record remained open for comments until November 1, 1999.. The amended rule was then placed on the Board's agenda for adoption on December 2, 1999. At that time, the Board considered making a substantive change to the rule and reopened the public comment period until December 28, 1999. Additional comments have been received and the rule will be considered for adoption by the Board at its January 20, 2000 meeting. A copy of the rule as currently proposed is attached as Appendix A.

III. MERCURY FIELD SAMPLING

Members of the staff of the Department of Environmental Protection Bureau of Land and Water Quality Division of Water Resource Regulation and Division of Engineering and Technical Assistance have conducted two rounds of effluent mercury sampling at municipal and industrial wastewater treatment facilities in Maine. The first round of testing was conducted during the fall of 1998 with 122 samples taken from 91 different dischargers. The treatment facilities chosen for the first round of testing included all municipal facilities covered by the Surface Waters Toxics Control Program[1] and a selected sample of industrial treatment facilities.

[1] Chapter 530.5 of the Rules and Regulations of the Maine Department of Environmental Protection.

A second round of sampling was conducted in the summer and fall of 1999 when 198 samples were collected from 93 wastewater facilities. This testing was done at all municipal and industrial facilities not included in the first round of testing as well as for several facilities considered Overboard Discharges by the Department.

In addition to the sampling done by DEP Staff members, some 128 samples have been collected by operators at various wastewater treatment facilities throughout the state. In all, the DEP has data from approximately 450 samples. Two versions of these data are included in Appendices B & C attached to this report. In the first version, the data are show grouped alphabetically by facility name and in the second, the data are sorted by effluent mercury concentration.

In July of 1999, the DEP Staff conducted six, two-hour training sessions on "Clean Sampling Techniques" at treatment facilities in Ellsworth, Saco, Presque Isle, Newport, Brunswick and Wilton. These free training sessions gave wastewater facility operators an opportunity to observe and practice the sampling techniques required by new State and Federal rules. This will help ensure that mercury samples collected at wastewater facilities in Maine will not be contaminated by improper sample collection procedures and that the data from those samples can be reliably used for scientific and regulatory purposes.

IV. POLLUTION PREVENTION MODEL PLANS

Public Law 500 "An Act to Amend the Water Quality Laws to Establish a New Standard for Mercury Discharges" requires any facility that discharges under section 413 to prepare and implement a pollution prevention plan consistent with model plans developed by the Department of Environmental Protection. The department was required to work with a representative stakeholder group to develop model plans by December 31, 1999. The law further requires the facilities to provide information concerning the status of implementation of the mercury pollution prevention plans by December 15, 1999.

The model mercury pollution prevention plan stakeholder group convened its first meeting on July 27, 1999. The group provided excellent guidance and comments as the plans were developed. The group consisted of a cross-section of direct and indirect dischargers.

Mic Lebel	Maine Pulp & Paper Association
Jay Beaudoin	Georgia Pacific Corporation
Bill Brown	Wright-Pierce Engineers
Chris Hall	Maine Chamber and Business Alliance
Gerry Kamke	Maine Rural Water Association
Sandy Perry	East Coast Environmental Services
Russ Mathers	Maine Wastewater Control Association

Vivian Matkivich	Maine Wastewater Control Association
Nick Bennett	Natural Resources Council of Maine
Frances Miliano	Maine Dental Association

The final model plans for Publicly Owned Treatment Works (POTWs) and Commercial/Industrial Facilities were mailed out on December 30, 1999.

The manual uses an innovative approach to reduce the release of mercury to the environment through the use of education, technical assistance, partnership development, and voluntary efforts. It represents a new way of addressing toxins that is based on the development and implementation of comprehensive mercury reduction plans.

The manual is designed as a working document to help guide facilities through the process of writing comprehensive mercury reduction plans. The document provides a four-phase outline for drafting a reduction plan and contains source identification material for potential sources that may discharge to the treatment plant, including action ideas for each potential source. Following is a brief description of the content of each chapter in the manual.

Chapter One - Organizing and Implementing a Pollution Prevention Plan provides detailed steps in helping POTWs draft a comprehensive mercury reduction plan. Facilities are not required to complete each step, but need to tailor an appropriate plan for their facility. The plan is broken into four phases: the planning and organization phase, the mercury source assessment phase, the evaluating tools and options phase, and the setting objectives and implementation phase. The plan also includes a section on measuring and promoting success. The lead for such an effort should be assumed by the wastewater treatment facility. To get started, a checklist is provided to help guide the facility through the key elements of a mercury pollution prevention plan.

Chapter Two – Background provides general background information on the element mercury, its cycling patterns, and the environmental and health effects of its bioaccumulative tendencies. Mercury Species (section 2.1) and Mercury Transport (section 2.2) provide an explanation of mercury's cycling pattern in the environment. Testing for mercury (section 2.6 and Appendix 2) provide a brief description of testing methods for mercury. Environmental and health effects of methylmercury consumption for humans and other animals is much of the driving force behind the need for mercury reduction efforts. This information can be used when developing public education materials.

Chapter Three – Introduction to Pollution Prevention is an introduction to pollution prevention concepts. "Why start a pollution prevention program?" is answered in section 3.1. Pollution Prevention Definitions (section 3.1) and Pollution Prevention Hierarchy (section 3.2) provide a foundation to build a better understanding of the principles of pollution prevention. Pollution Prevention Multi-media (section 3.3) reminds us to avoid the transfer of pollutants from one media to another.

LIST OF APPENDICES

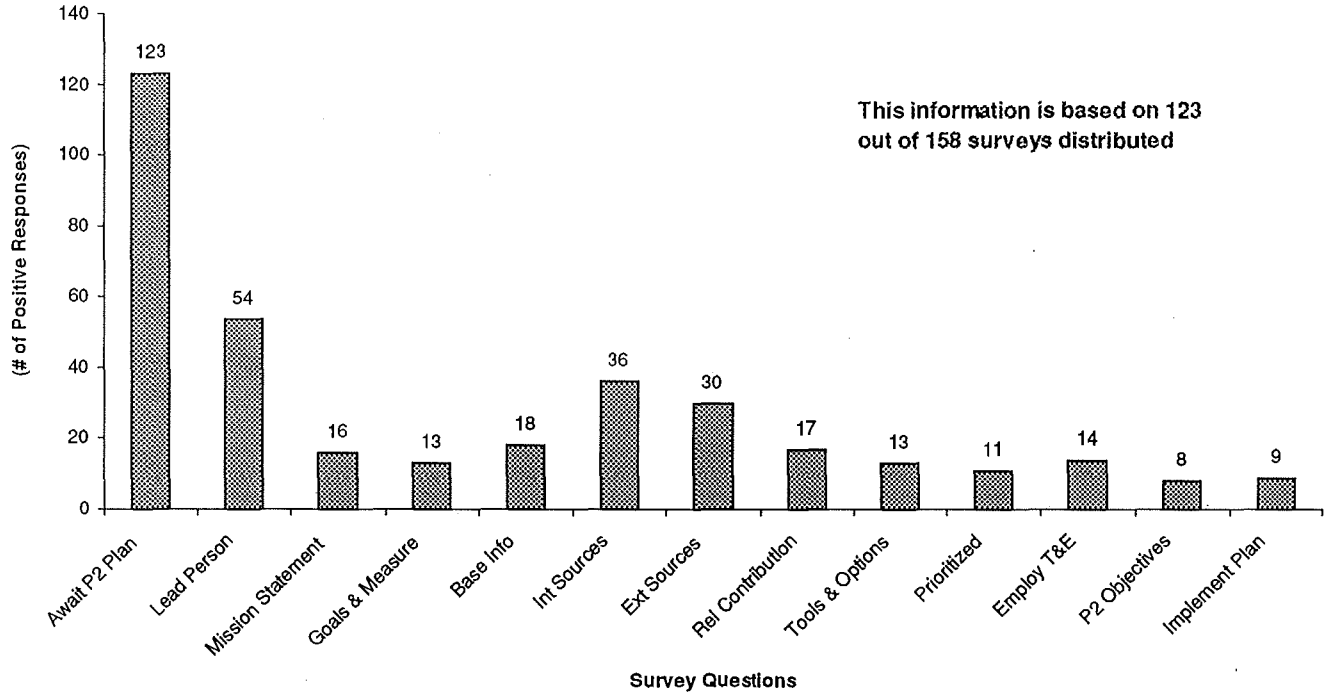
1. P.L. 500, "An Act to Amend the Water Quality Laws to Establish a New Standard for Mercury Discharges"
2. EPA Method 1669
3. Potential Source Identification Material
4. Resources for More Information
5. Mercury Pollution Prevention Model Plan and Checklist

A checklist form was developed by the department to assist facilities in providing information concerning the status of implementation of the mercury pollution prevention plan.. This form was sent to Wastewater treatment facilities as described in Section V. below. A copy of the form can be found in Appendix D.

V. POLLUTION PREVENTION UPDATE

In accordance with the requirements of public law 1999 chapter 500, the Department distributed 158 surveys to the municipalities and industries subject to this law and requested that these facilities provide the Department with an update of their progress concerning mercury pollution prevention activities. The Department received 123 surveys back from these facilities. The following graph and chart are a compilation of the surveys.

Mercury Pollution Prevention Survey Results



Mercury Pollution Prevention Survey Results

Questions	Positive Responses		Questions	Positive Responses
Awaiting Model Plan	**123**		Relative Contribution of Each	**17**
Designated Lead Person	**54**		Identified Tools and Options for each Source	**13**
Mission Statement	**16**		Established Priority Actions for each Source	**11**
Developed Goals & Measurement Strategies	**13**		Established Employee Training & Public Education	**14**
Baseline Information Strategy	**18**		Developed Pollution Prevention Objectives for each Source	**8**
Identified Internal Sources	**36**		Developed Implementation Plan for each Source	**9**
Identified External Sources	**30**			

VI. NEXT STEPS

Throughout calendar year 2000 the Maine DEP will be continuing its efforts to reduce the amount of Mercury discharged by municipalities and industries by conducting the following activities:

1) Implementing new regulations dealing with establishing interim mercury discharge limits and ensuring compliance with all established limitations.

2) Conducting training sessions to assist municipalities and industries in developing their pollution prevention plans.

3) Providing technical assistance to municipalities and industries to assist them in developing the required pollution prevention plans for their facilities.

4) Conducting additional testing at some commercial / industrial facilities.

APPENDIX A

Proposed Mercury Rule

Chapter 519: Interim Effluent Limitations and Controls for the Discharge of Mercury

Summary: This rule establishes controls on the discharge of mercury to the surface waters of the State through interim effluent limits and implementation of pollution prevention plans. It sets testing requirements for certain licensees and the procedures the department will use to evaluate test results in order to calculate interim effluent limits. The rule also contains requirements for continued testing necessary to determine compliance with interim effluent limits. This rule expires on October 1, 2001.

1. **Purpose and scope.** The purpose of this rule is to control the discharge of mercury to the surface waters of the State through implementation of pollution prevention plans, effluent testing requirements and establishment of interim effluent limits for some licensees.

   A. **Applicability.** This rule applies to all persons licensed or permitted pursuant to 38 MRSA §413 to discharge pollutants to the surface waters of the State except as described below. For the purposes of this rule, the term licensee also means permittee.

      (1) Categorical exclusions. This rule does not apply to the following categories of licensees: combined sewer overflows, snow dumps, pesticide applications, and over board discharges licensed pursuant to 38 MRSA §413. Except, however, specific members of these categories may be required by the department to comply with this rule on a case by case basis pursuant to Section 1C), below. (The categories of licensees used in this rule are the same as those listed in 38 MRSA §353-B.)

      (2) Individual exclusions. Any licensee that demonstrates to the department's satisfaction that it does not discharge wastewaters that have, or come in contact with, compounds or materials containing mercury may be exempted from the requirements of this rule. If the sole source of mercury in a discharge is due to incoming water taken from a natural body of water, an exemption may be granted by the department.

      (3) Multiple discharge points. In the event that a discharge license or permit authorizes discharges in more than one category, only the relevant requirements of this rule are applicable to that category. Where a single licensee has multiple discharge points in the same category and with the same characteristics, the department may permit sampling of one point as being representative of all such discharge points.

   B. **Pollution prevention requirements.** All licensees subject to this rule shall develop and implement pollution prevention plans consistent with model plans developed by the department. Plans are to be developed within 90 days of receiving a model plan from the department. If warranted by the complexity of pollution prevention needs for an individual licensee or category of licensees, the department upon request may extend the time for completion of those pollution prevention plans. The department may require that licensees submit periodic reports of actions taken to implement pollution prevention plans. Upon completing its individual pollution prevention plan, each licensee shall notify the department of the availability of the plan and shall provide a copy of the plan to the department upon request. Unless exempted by the department, each licensee shall provide the department information concerning implementation of pollution prevention plans by December 15, 1999 and December 15, 2000.

C. **Interim effluent limits for the discharge of mercury.** The department shall issue interim effluent limits to licensees in the following categories:

(1) Group I. Licensees required as of the effective date of this rule to conduct toxicity sampling pursuant to the requirements of Chapter 530.5 of the department's rules, the Surface Water Toxics Control Program;
(2) Group II. All other licensees that are publicly owned treatment works or discharges of industrial process wastes; and
(3) Group III. Any other individual licensee or category of licensees determined by the department to have the potential to discharge concentrations of mercury that are similar to those found in discharges from licensees in Groups I or II above, based on either information regarding the sources of wastes discharged or the results of sampling.

2. **Information requirements**

A. **Background information.** Licensees subject to this rule shall provide information requested by the department regarding their discharges to allow the department to characterize the potential for the control of discharges of mercury. The department shall provide questionnaires, surveys or other forms for this purpose.

B. **Sampling information.** Licensees required to perform effluent testing for mercury shall provide information on forms provided by the department regarding operating conditions at time of sample collection.

C. **Departmental sampling.** For those categories of licensees not required by this rule to conduct mercury testing, the department may conduct representative sampling in order to determine the concentrations of mercury discharged, if any, by each category. Based on this and other information, the department may impose interim effluent limits on individual licensees or categories of licensees and or require effluent monitoring for mercury.

3. **Testing requirements**

A. **Sampling and test methods.** All samples for mercury testing must be representative of the final discharge to the receiving water and collected and analyzed for total mercury using EPA Methods 1669 and 1631, respectively, and in accordance with instructions provided by the department. Testing must be done using grab samples unless otherwise approved by the department. The results of all mercury testing must be provided to the department within 10 business days of their availability.

B. **Test frequencies.** For the purposes of establishing interim effluent limits for the discharge of mercury, the following minimum numbers of tests must be completed for the respective groups referred to in Section 1(C). Tests conducted by the department may be credited toward the total number of tests required for each licensee.

1. Group I: Not less than 4 tests;
2. Group II: Not less than 3 tests; and
3. Group III: Not less than 3 tests.

Unless otherwise approved by the department, test samples must be collected at an interval of at least 30 days between samples. The department may proportionally reduce the required number of tests for licensees that discharge on a seasonal or intermittent basis.

C. **Additional testing.** For individual licensees, the department may require additional tests to be conducted if necessary to establish interim effluent limits where the minimum number of tests produces results that are of questionable validity or are not representative. Licensees wishing to conduct more than the required number of tests may do so, and the department shall evaluate all valid results deemed to be representative of the discharge when establishing interim effluent limits. Licensees may submit to the department information documenting why certain past tests are not representative of normal facility operation or were improperly conducted. Based on such information or on its own initiative, the department may exclude those individual test results in calculating interim effluent limits. In the event exclusion of tests results in less then the minimum number of tests required above, the licensee shall conduct additional tests as soon as possible.

D. **Prior test results.** The results of tests conducted using EPA Methods 1669 and 1631 prior to the effective date of this rule, including tests conducted by the department, may be used to fulfill the minimum testing requirement above.

E. **Completion of testing.** Licensees that have not previously done so must complete the minimum number of tests required above prior to April 1, 2010, or for licensees in Group III within 120 days of being notified by the department that testing is required.

4. **Establishment of interim limits for the discharge of mercury.** Using the procedures in this Section, the department shall establish interim average and maximum effluent limits for the concentration of mercury discharged by each licensee identified pursuant to Section 1(C). These limits must be based upon and no less stringent statistically than past discharge levels as determined through testing required by Section 3.

A. **Timing.** The department shall establish interim effluent limits after the minimum number of tests required in Section 3 have been completed.

B. **Procedures.**

(1) Average limits. The department shall determine the interim average effluent limit for each licensee, as an average concentration, as follows. Using all valid test results for each licensee, a value equal to the standard error of the mean is added to the mean effluent concentration. The standard error of the mean is determined from the test results for each licensee by computing the standard deviation and dividing that value by the square root of the number of tests done. This value will be adjusted with a multiplier to reflect a 95% level of probability.

(2) In the event that the interim average effluent limit as calculated above is less that 4.5 ng/L for an individual licensee, that licensee will be assigned an interim average effluent limit of 4.5 ng/L.

(3) Maximum limits. The department shall determine the interim maximum effluent limit, as a maximum concentration in any sample, as follows. The interim average effluent limit as determined in (1) or (2) above shall be multiplied by a factor of 1.5 to establish the interim maximum effluent limit.

(4) Additional information. Individual licensees may submit additional information for the department's consideration in setting interim effluent limits. Such information may include reductions in flow due to water conservation plans, seasonal variations and changes in levels of production. The department may adjust interim effluent limits accordingly if it determines that this information would significantly change the effluent variability as determine pursuant to this section.

C. **Notification.** Upon determination of interim effluent limits, the commissioner shall notify the licensee in writing.

5. **Effect of interim effluent limits for the discharge of mercury**

A. **Modification of license.** Notice of interim effluent limits by the commissioner to a licensee constitutes a modification of the licensee's waste discharge license or permit and is a final agency action.

B. **Water quality criteria.** Interim effluent limits for the discharge of mercury shall not authorize any discharge of mercury that would cause or contribute to receiving water concentrations of mercury that exceed any water quality criteria published by EPA, in the Federal Register of December 10, 1998, pp. 68354, et. seq.

6. **Adjustment of interim effluent limits for the discharge of mercury**

A. **Basis for adjustment.** After interim effluent limits established by the commissioner are effective, a licensee may, with proper documentation, request adjustment of those limits for the reasons listed below. The department may approve an adjustment if it determines that the circumstances presented may result in an interim effluent limit that is significantly different from that calculated pursuant to Section 4(B).

1. Water conservation. A licensee has implemented permanent water conservation practices that result in a lesser volume of discharge. A reduction in discharge volume may not result in a greater total quantity of mercury being discharged.
2. Production changes. A licensee institutes different levels or types of production or accepts new sources of influent wastewater. Such changes must be mitigated or offset to the maximum extent possible with implementation of best management or pollution prevention practices to reduce or prevent the introduction of mercury. A production change may result in an increase in the concentration or quantity of mercury discharged, but not both.
3. Seasonal changes. Seasonal changes may cause a significant and uncontrollable variation in the performance of a treatment facility. A licensee's intake water may experience a higher concentration of mercury during certain seasons of the year. Higher seasonal rainfall may increase the flow through a wastewater treatment facility causing additional mercury loadings to the facility.

B. **Procedures.** In making adjustments to interim effluent limits, the department shall, to the extent possible, utilize the procedures described in, or similar to, Section 4.

C. **Additional testing.** In order to support adjustment of interim effluent limits, the department may require a licensee to conduct more testing than otherwise required by this rule.

7. **Monitoring to determine compliance with interim effluent limits for the discharge of mercury**

A. **Monitoring frequencies.** In order to determine compliance with interim effluent limits, each licensee shall conduct effluent testing for mercury at the following minimum frequencies for the respective groups referred to in Section 1(C).

(1) Group I: Not less than 4 tests per year;
(2) Group II: Not less than 2 tests per year; and
(3) Group III: Not less than 2 tests per year.

All tests must be conducted, analyzed and reported using the methods specified in Section 3. Unless otherwise approved by the department, test samples must be collected at an interval of at least 60 days between samples. For those licensees in Groups II and III, samples must be collected in alternating calendar quarters such that samples will be obtained in all four calendar quarters over the period of two years. The department may proportionally reduce the required number of tests for licensees that discharge on a seasonal or intermittent basis.

Compliance monitoring tests will not change the interim effluent limits established pursuant to Section 4.

B. **Evaluation of compliance.** Compliance with interim effluent limits shall be determined as follows.

(1) For interim average effluent limits, the department shall for each licensee maintain an average of all valid tests done pursuant to this rule. This will include both tests done to establish effluent limits and subsequent compliance monitoring tests. A licensee shall be in compliance with the interim average effluent limit if the cumulative average is equal to or less than the concentration established by the department pursuant to Section 4.
(2) For interim maximum effluent limits, a licensee shall be in compliance if the test result of each valid individual sample is equal to or less than the interim maximum effluent limit established by the department pursuant to section 4.

C. **Response to non-compliance.** In the event a licensee's average or maximum concentration exceeds a respective interim effluent limit, the department shall notify the licensee in writing. In response to the notification of non-compliance:

(1) The licensee shall conduct additional testing at a frequency specified by the department in order to determine if the non-compliance is due to a limited incident or a continuing trend;
(2) If requested by the department, the licensee shall, within 30 days of being notified, meet with the department to review its existing pollution prevention plan as required by Section 1(B); and
(3) Within 30 days of meeting with the department, the licensee shall, if requested by the department, submit for review and approval, a revised pollution prevention plan designed to identify and control the cause(s) of the non-compliance with the interim effluent limit.

Nothing in this Section limits the ability of the department to take any other actions authorized by law to address non-compliance with an interim effluent limit or any other provision of a law administered by the department or any order, rule, license or permit, approval or decision of the Board or Commissioner or decree of the Court.

D. The department may require those licensees granted exclusions under Section 1(A) to submit periodic reports or certifications demonstrating that conditions supporting the initial exclusion still exist. In the event any licensee contemplates or becomes aware of any change that could increase the quantity or concentration of mercury in its discharge, it shall notify the department immediately.

8. Repeal. This rule is repealed on October 1, 2001, and the interim effluent limits established pursuant to this rule will no longer be in effect.

Authority: 38 MRSA §§ 341-D and 420 (1-A); PL 1999, c. 500

Effective date:

APPENDIX B

Mercury Test Results

(Alphabetical)

Mercury Sampling Results - Grouped by Facility

Wastewater Facility Name	*Sampling Date*	*Total Effluent Mercury (ppt)*	*Sampled By*
Anson-Madison	10/28/1998	4.050	DEP
	04/18/1999	5.300	WWTF
Aroostook Valley Electric Coop	09/16/1999	29.600	DEP
	10/22/1999	43.600	DEP
Ashland SD	10/27/1998	2.830	DEP
	08/24/1999	6.700	WWTF
Augusta	10/27/1998	5.460	DEP
Baileyville	09/22/1999	6.150	DEP
	09/22/1999	6.880	DEP
	10/27/1999	5.170	DEP
Bangor	07/28/1998	11.100	WWTF
	09/30/1998	12.660	WWTF
	11/06/1998	7.350	DEP
	11/20/1998	12.380	DEP
	12/14/1998	6.210	WWTF
	04/12/1999	7.510	WWTF
	06/28/1999	9.750	WWTF
	11/21/1999	10.400	WWTF
Bar Harbor (Degregoire)	09/27/1999	35.100	DEP
	11/01/1999	7.860	DEP
Bar Harbor (Hulls Cove)	09/27/1999	5.570	DEP
	11/01/1999	5.620	DEP
Bar Harbor (Main Plant)	10/23/1998	6.980	DEP
	04/04/1999	8.990	WWTF
Bath	10/27/1998	4.930	DEP
	05/10/1999	4.380	WWTF
Bayville Village Corp.	09/29/1999	27.700	DEP
	11/04/1999	18.900	DEP
Beaver Wood (Livermore Falls)	11/08/1999	19.500	DEP
Belfast	10/22/1998	30.830	DEP
	09/12/1999	2.500	WWTF
Berwick	11/03/1998	1.860	DEP
Bethel	10/08/1999	3.590	DEP
	11/08/1999	2.010	DEP
	11/08/1999	2.770	DEP
Biddeford	10/30/1998	10.170	DEP
Biddeford Pool	10/14/1999	13.200	DEP
	11/09/1999	5.870	DEP
Bingham	09/28/1999	14.200	DEP
	11/02/1999	6.640	DEP
Blue Hill	10/19/1999	12.600	DEP
	11/19/1999	10.200	DEP
Boothbay Harbor	10/27/1998	10.750	DEP
	11/19/1998	8.800	WWTF
	02/21/1999	53.410	WWTF

Mercury Sampling Results - Grouped by Facility

Wastewater Facility Name	*Sampling Date*	*Total Effluent Mercury (ppt)*	*Sampled By*
Boothbay Harbor	04/28/1999	4.200	WWTF
	05/19/1999	37.700	WWTF
	07/12/1999	4.660	WWTF
	08/31/1999	9.780	WWTF
Brewer	09/29/1998	0.970	WWTF
	10/23/1998	3.950	WWTF
	07/26/1999	1.300	WWTF
	09/08/1999	1.900	WWTF
Brunswick	08/03/1998	33.300	WWTF
	10/27/1998	66.740	DEP
	11/16/1998	28.900	WWTF
	12/16/1998	37.750	DEP
	07/06/1999	31.580	WWTF
Brunswick Landfill	09/29/1999	3.940	DEP
	11/04/1999	3.580	DEP
Bucksport	10/19/1999	86.900	DEP
	11/19/1999	15.200	DEP
Calais	10/23/1998	5.560	DEP
	04/11/1999	3.800	WWTF
Camden	10/22/1998	10.750	DEP
	06/30/1999	6.560	WWTF
Canton	11/09/1998	2.580	WWTF
	10/08/1999	2.570	DEP
Cape Elizabeth	11/09/1998	4.390	DEP
	12/10/1998	2.020	WWTF
	05/17/1999	6.760	WWTF
Caribou	07/27/1998	25.300	WWTF
	10/27/1998	10.790	DEP
	07/20/1999	13.700	WWTF
Castine	10/19/1999	7.520	DEP
	11/19/1999	7.050	DEP
Champion (Bucksport)	05/17/1999	0.200	WWTF
	10/04/1999	0.400	WWTF
	11/05/1999	1.980	DEP
Champion (Costigan)	11/05/1999	9.580	DEP
Clinton	09/09/1999	0.380	DEP
CMP Flp Mason Sta 019	09/11/1998	6.200	WWTF
	03/24/1999	20.510	WWTF
	06/16/1999	17.900	WWTF
	08/09/1999	9.400	WWTF
	08/11/1999	9.390	WWTF
CMP Flp Wyman Sta 004	06/20/1999	6.500	WWTF
	07/16/1999	31.840	WWTF
CMP Wyman Station 001	06/23/1999	6.560	WWTF
	07/16/1999	31.840	WWTF

Mercury Sampling Results - Grouped by Facility

Wastewater Facility Name	*Sampling Date*	*Total Effluent Mercury (ppt)*	*Sampled By*
Control Devices	12/16/1998	1.330	DEP
Corinna	11/02/1998	2.490	DEP
	02/09/1999	1.300	WWTF
Danforth	09/22/1999	13.200	DEP
	10/27/1999	10.600	DEP
Degregoire (Bar Harbor)	11/01/1999	8.460	DEP
Dexter Utility District	09/09/1998	19.520	WWTF
Dover-Foxcroft	10/22/1998	1.410	DEP
	02/23/1999	12.000	WWTF
	04/12/1999	11.300	WWTF
Downeast Corr. Ctr. (Bucks Hbr	11/18/1999	30.400	DEP
East Machias	09/21/1999	4.150	DEP
	11/18/1999	1.930	DEP
	11/18/1999	2.020	DEP
Eastport Main	09/21/1999	31.300	DEP
	10/26/1999	46.000	DEP
Eastport Quoddy	09/21/1999	13.900	DEP
	10/26/1999	32.900	DEP
Ellsworth	10/23/1998	32.420	DEP
	05/31/1999	20.790	WWTF
	09/27/1999	10.600	DEP
	11/02/1999	24.900	DEP
Englehard Corp. (Mearl)	10/26/1999	149.000	DEP
	10/26/1999	28.600	DEP
Falmouth	09/09/1998	6.280	WWTF
	11/09/1998	15.320	DEP
	12/21/1998	16.750	WWTF
	03/17/1999	39.150	WWTF
	06/21/1999	6.330	WWTF
Farmington	10/29/1998	27.930	DEP
	11/09/1998	14.920	WWTF
	03/28/1999	18.220	WWTF
Fort Fairfield	10/30/1998	9.840	DEP
Fort James	08/23/1998	10.600	WWTF
	11/19/1998	12.770	WWTF
	08/15/1999	6.800	WWTF
Fort Kent	10/27/1998	16.820	DEP
	09/15/1999	11.100	DEP
Fraser Paper	07/30/1998	6.050	WWTF
	10/27/1998	4.100	DEP
	10/30/1998	6.290	WWTF
	11/02/1998	4.590	WWTF
	11/04/1998	3.640	WWTF
	06/24/1999	2.470	WWTF
Freeport	11/09/1998	27.990	DEP

Mercury Sampling Results - Grouped by Facility

Wastewater Facility Name	*Sampling Date*	*Total Effluent Mercury (ppt)*	*Sampled By*
Freeport	05/19/1999	2.490	WWTF
Frenchville	09/15/1999	1.380	DEP
	10/21/1999	2.520	DEP
Gardiner	08/19/1998	13.600	WWTF
	10/27/1998	8.340	DEP
	11/10/1998	7.700	WWTF
Georgia Pacific Corp	10/05/1998	63.150	WWTF
	10/07/1998	60.900	WWTF
	12/02/1998	33.900	WWTF
	12/10/1998	10.600	WWTF
	05/17/1999	15.700	WWTF
	06/01/1999	13.150	WWTF
	06/14/1999	11.700	WWTF
	07/07/1999	9.015	WWTF
	09/22/1999	3.600	DEP
Gorham Little Falls - PWD	10/15/1999	1.510	DEP
	11/09/1999	1.660	DEP
Great Northern Paper, East	02/01/1999	0.740	WWTF
	03/24/1999	0.500	WWTF
	08/25/1999	2.800	WWTF
	09/29/1999	1.720	DEP
	09/29/1999	1.420	DEP
	11/08/1999	2.100	WWTF
Great Northern Paper, West	08/10/1998	1.300	WWTF
	10/22/1998	1.730	DEP
	10/26/1998	1.400	WWTF
	03/01/1999	3.600	WWTF
	03/18/1999	2.170	WWTF
	03/26/1999	2.170	WWTF
	05/03/1999	3.210	WWTF
Great Salt Bay	09/29/1999	10.600	DEP
	11/04/1999	14.600	DEP
Great Salt Bay (Damariscotta)	09/29/1999	10.600	DEP
	11/04/1999	7.450	DEP
Guilford/Sangerville	10/20/1998	23.400	WWTF
	10/22/1998	3.100	DEP
	01/21/1999	14.300	WWTF
	04/27/1999	33.600	WWTF
Hartland	08/11/1998	4.000	WWTF
	11/02/1998	6.110	DEP
	11/03/1998	4.800	WWTF
	03/23/1999	9.100	WWTF
	05/04/1999	3.600	WWTF
	08/10/1999	10.800	WWTF
Holtrachem	10/05/1999	11.400	WWTF

Mercury Sampling Results - Grouped by Facility

Wastewater Facility Name	*Sampling Date*	*Total Effluent Mercury (ppt)*	*Sampled By*
Houlton	09/22/1998	1.300	WWTF
	10/30/1998	2.340	DEP
	09/14/1999	5.300	WWTF
	09/15/1999	5.280	WWTF
Howland	09/22/1999	2.910	DEP
	10/27/1999	4.320	DEP
International Paper	10/29/1998	15.800	DEP
	12/21/1998	12.490	WWTF
	12/23/1998	12.750	WWTF
	02/10/1999	9.000	WWTF
Islesboro	09/09/1999	8.050	DEP
	10/29/1999	3.380	DEP
Jackman	03/09/1999	2.500	WWTF
Kennebec Sanitary T.D.	07/29/1998	6.000	WWTF
	10/28/1998	8.930	DEP
Kennebunk	08/24/1998	7.700	WWTF
	10/30/1998	56.430	DEP
	12/16/1998	7.300	DEP
	03/09/1999	15.900	WWTF
	06/09/1999	10.900	WWTF
Kennebunkport	10/30/1998	7.880	DEP
	04/26/1999	2.800	WWTF
Kittery	11/03/1998	5.650	DEP
	12/01/1998	5.700	WWTF
	03/15/1999	7.110	WWTF
	06/13/1999	5.420	WWTF
	09/19/1999	5.320	WWTF
Lewiston/Auburn	10/26/1998	2.490	DEP
	04/21/1999	0.910	WWTF
Limerick	04/20/1999	19.480	WWTF
	11/16/1999	4.250	DEP
Limestone	08/13/1998	1.700	WWTF
	10/27/1998	2.760	DEP
Lincoln	10/22/1998	11.850	DEP
	03/09/1999	6.800	WWTF
	11/02/1999	13.000	WWTF
	11/22/1999	13.000	WWTF
Lincoln Pulp & Paper	11/05/1998	34.770	WWTF
	06/01/1999	9.000	WWTF
	09/29/1999	7.590	DEP
Lisbon	10/27/1998	66.580	DEP
	12/16/1998	4.560	DEP
	01/04/1999	8.260	WWTF
Livermore Falls	10/08/1999	100.000	DEP
	11/08/1999	34.600	DEP

Mercury Sampling Results - Grouped by Facility

Wastewater Facility Name	*Sampling Date*	*Total Effluent Mercury (ppt)*	*Sampled By*
Loring	10/27/1998	2.340	DEP
	03/11/1999	0.700	WWTF
	06/06/1999	3.180	WWTF
	09/20/1999	5.700	WWTF
Lubec	09/21/1999	38.000	DEP
	10/26/1999	65.500	DEP
Machias	10/23/1998	7.760	DEP
	10/23/1998	9.260	DEP
	10/23/1998	8.510	DEP
	04/12/1999	4.930	WWTF
Madawaska	10/27/1998	5.240	DEP
Maine Central Railroad	09/28/1999	30.700	DEP
	10/28/1999	1.690	DEP
Maine Correctional Center	10/13/1999	1.530	DEP
	10/13/1999	1.550	DEP
Mapleton	09/16/1999	4.540	DEP
	10/22/1999	1.970	DEP
Mars Hill	10/30/1998	6.210	DEP
Mattawamkeag	09/22/1999	9.160	DEP
	10/27/1999	3.220	DEP
MDI - N.E. Harbor	09/27/1999	5.090	DEP
	09/27/1999	5.750	DEP
	11/01/1999	8.280	DEP
MDI - Otter Creek	04/18/1999	3.900	WWTF
	09/27/1999	38.200	DEP
MDI - Seal Harbor	09/27/1999	3.130	DEP
	11/01/1999	7.950	DEP
MDI - Seal Harbor Sand Filter	09/27/1999	7.670	DEP
MDI - Somesville	09/27/1999	16.600	DEP
	11/01/1999	11.400	DEP
MDI Biological Laboratory	11/10/1999	40.400	DEP
Mead Paper Company	02/15/1999	8.430	WWTF
	02/16/1999	6.920	WWTF
	02/17/1999	4.630	WWTF
	02/18/1999	7.590	WWTF
	02/19/1999	10.610	WWTF
	10/08/1999	5.690	DEP
Mechanic Falls	10/26/1998	1.550	DEP
	01/20/1999	4.320	WWTF
Milbridge	09/21/1999	7.620	DEP
	10/26/1999	19.500	DEP
Millinocket	10/22/1998	9.660	DEP
	05/17/1999	9.850	WWTF
	05/17/1999	9.900	WWTF
Milo	07/28/1998	14.800	WWTF

Mercury Sampling Results - Grouped by Facility

Wastewater Facility Name	*Sampling Date*	*Total Effluent Mercury (ppt)*	*Sampled By*
Milo	10/22/1998	31.820	DEP
MSAD #44 (Telstar H.S.)	10/12/1999	49.200	DEP
MSAD #6 (Bonney Eagle H.S.)	10/14/1999	117.000	DEP
MSAD #9 (Blue Hill H.S.)	10/20/1999	85.600	DEP
National Starch	09/16/1999	0.640	DEP
	10/22/1999	1.170	DEP
Newport	09/29/1998	2.800	WWTF
	11/02/1998	5.820	DEP
	09/09/1999	2.460	DEP
Norridgewock	09/28/1999	1.970	DEP
	11/02/1999	1.860	DEP
North Berwick	11/03/1998	2.080	DEP
North Haven	10/07/1999	37.500	DEP
	10/07/1999	34.400	DEP
	11/15/1999	18.300	DEP
	11/15/1999	16.700	DEP
North Jay	10/29/1998	3.260	DEP
	10/31/1999	0.700	WWTF
Northport Village Corp.	09/09/1999	38.500	DEP
	11/16/1999	4.630	DEP
Norway	10/26/1998	4.150	DEP
	05/03/1999	9.100	WWTF
Oakland	10/28/1998	1.320	DEP
Ogunquit	11/03/1998	22.240	DEP
	04/04/1999	4.610	WWTF
Old Orchard Beach	10/25/1998	3.830	WWTF
	10/30/1998	3.150	DEP
	01/11/1999	13.660	WWTF
	04/14/1999	41.100	WWTF
Old Town	10/22/1998	13.620	DEP
	08/02/1999	12.500	WWTF
	08/12/1999	12.500	WWTF
Orono	07/27/1998	4.140	WWTF
	07/29/1998	4.250	WWTF
	07/30/1998	4.040	WWTF
	10/22/1998	15.150	DEP
	03/22/1999	2.520	WWTF
	10/27/1999	2.930	WWTF
Osram Sylvania	06/14/1999	13.300	WWTF
	09/20/1999	11.000	WWTF
Paris	09/01/1998	10.300	WWTF
	10/26/1998	11.650	DEP
	09/20/1999	9.100	WWTF
Peaks Island - PWD	10/15/1999	4.430	DEP
	10/15/1999	3.590	DEP

Mercury Sampling Results - Grouped by Facility

Wastewater Facility Name	*Sampling Date*	*Total Effluent Mercury (ppt)*	*Sampled By*
Peaks Island - PWD	11/09/1999	4.720	DEP
	11/09/1999	4.900	DEP
Penobscot Energy Rec. Co.	09/29/1999	43.000	DEP
	11/05/1999	19.600	DEP
Penobscot Frozen Foods	10/19/1999	3.230	DEP
	11/19/1999	1.190	DEP
Penobscot Indian (Old Town)	10/06/1999	3.370	DEP
	11/05/1999	6.350	DEP
Penobscot Nursing Home	10/19/1999	3.480	DEP
Pittsfield	10/06/1999	0.820	DEP
	11/21/1999	1.440	DEP
Portland - PWD	11/10/1998	9.010	DEP
	03/10/1999	5.070	WWTF
Pratt & Whitney	08/25/1998	0.480	WWTF
	11/03/1998	0.075	WWTF
	11/10/1998	0.440	WWTF
	02/23/1999	0.290	WWTF
	05/10/1999	0.800	WWTF
	08/22/1999	0.400	WWTF
Presque Isle	10/27/1998	4.110	DEP
Richmond	09/29/1999	6.560	DEP
	11/04/1999	9.140	DEP
Riverwood Health Care	10/13/1999	21.900	DEP
Robinson Manufacturing	06/23/1998	6.800	WWTF
	09/08/1998	11.300	WWTF
	10/26/1998	11.940	DEP
	06/22/1999	10.800	WWTF
Rockland	10/22/1998	5.160	DEP
Rumford Pt.	10/08/1999	1.030	DEP
	11/08/1999	2.410	DEP
Rumford/Mexico	07/28/1998	8.080	WWTF
	10/29/1998	12.300	DEP
	11/10/1998	8.500	WWTF
	02/23/1999	6.740	WWTF
Sabattus	08/25/1998	3.200	WWTF
	10/26/1998	2.290	DEP
	08/23/1999	3.810	WWTF
Saco	10/30/1998	3.680	DEP
Sanford	07/07/1998	2.400	WWTF
	07/10/1998	2.360	WWTF
	10/14/1998	2.230	WWTF
	10/30/1998	0.740	DEP
	02/23/1999	1.500	WWTF
Scarborough	08/10/1998	34.200	WWTF
	11/09/1998	26.170	DEP

Mercury Sampling Results - Grouped by Facility

Wastewater Facility Name	*Sampling Date*	*Total Effluent Mercury (ppt)*	*Sampled By*
Scarborough	07/28/1999	36.600	WWTF
SD Warren	09/16/1998	2.760	WWTF
	11/09/1998	2.080	DEP
	12/09/1998	1.760	WWTF
	01/13/1999	1.600	WWTF
	06/18/1999	1.500	WWTF
SD Warren (K)	10/28/1998	52.620	DEP
	12/07/1998	59.550	WWTF
	12/17/1998	23.470	WWTF
	02/02/1999	5.820	WWTF
	02/17/1999	4.960	WWTF
	02/24/1999	2.360	WWTF
	03/17/1999	4.000	WWTF
	05/12/1999	3.200	WWTF
	09/07/1999	5.500	WWTF
Sea Meadows	10/05/1999	6.980	DEP
	11/04/1999	6.640	DEP
Searsport	09/09/1999	36.200	DEP
	10/29/1999	87.900	DEP
Skowhegan (Main Plant)	10/28/1998	3.030	DEP
	10/20/1999	1.600	DEP
	11/21/1999	1.570	DEP
Skowhegan (River Road)	10/20/1999	6.250	DEP
Sorrento	11/18/1999	2.880	DEP
South Berwick	11/03/1998	3.090	DEP
South Portland	08/10/1998	5.200	WWTF
	11/10/1998	4.500	DEP
	11/12/1998	3.250	WWTF
	06/01/1999	3.510	WWTF
Southwest Harbor	06/09/1998	5.430	WWTF
	10/23/1998	15.900	DEP
	06/07/1999	9.900	WWTF
St. Agatha	09/15/1999	6.830	DEP
	10/21/1999	5.920	DEP
St. Andre Health Care	10/13/1999	2.480	DEP
Stonington	10/19/1999	28.500	DEP
	10/19/1999	27.700	DEP
	11/19/1999	22.200	DEP
Sunday River Skiway	11/08/1999	2.660	DEP
Thomaston	10/23/1998	4.790	DEP
	02/08/1999	11.340	WWTF
Togus V A	09/09/1999	16.000	DEP
	09/09/1999	27.400	DEP
U.S. Naval Comm. Sta. (Cutler)	11/18/1999	10.800	DEP
Unity	04/14/1999	3.900	WWTF

Mercury Sampling Results - Grouped by Facility

Wastewater Facility Name	*Sampling Date*	*Total Effluent Mercury (ppt)*	*Sampled By*
Unity	11/17/1999	1.490	DEP
University Of New England	10/13/1999	5.980	DEP
Van Buren	09/15/1999	2.720	DEP
	09/15/1999	2.620	DEP
	10/21/1999	3.960	DEP
Vassalboro (Cemetary Rd.)	11/17/1999	6.030	DEP
Vassalboro (Cemetery Rd.)	10/05/1999	7.320	DEP
Vassalboro (E. Vassalboro)	10/05/1999	4.450	DEP
	11/17/1999	4.330	DEP
Vassalboro (N. Main St.)	10/05/1999	5.420	DEP
Vassalboro (N.Main St.)	11/17/1999	3.100	DEP
Veazie	10/06/1999	3.340	DEP
	11/05/1999	5.610	DEP
Waldoboro	10/23/1998	99.230	DEP
	12/16/1998	19.880	DEP
Warren	10/23/1998	14.850	DEP
Washburn	10/30/1998	5.130	DEP
Wells	11/03/1998	7.880	DEP
	02/09/1999	63.790	WWTF
	08/03/1999	8.270	WWTF
	08/10/1999	7.470	WWTF
	08/17/1999	8.790	WWTF
Westbrook	09/23/1998	5.990	WWTF
	10/20/1998	5.990	WWTF
	11/09/1998	8.210	DEP
	12/02/1998	8.040	WWTF
	07/01/1999	16.900	WWTF
Whitneyville	09/21/1999	5.440	DEP
	10/26/1999	5.390	DEP
Wilton	07/20/1998	9.150	WWTF
	08/20/1998	26.200	WWTF
	10/29/1998	15.050	DEP
	09/07/1999	11.300	WWTF
Winter Harbor	09/21/1999	3.450	DEP
	10/26/1999	2.080	DEP
Winter Harbor Naval Group Act	11/10/1999	9.770	DEP
Winterport	10/01/1999	35.000	DEP
	11/15/1999	29.500	DEP
Wiscasset	10/05/1998	10.640	WWTF
	10/27/1998	2.500	DEP
	11/21/1999	2.200	WWTF
Yarmouth	11/09/1998	5.300	DEP
	05/10/1999	5.120	WWTF
York	11/03/1998	1.670	DEP

APPENDIX C

Mercury Test Results

(Concentration)

Mercury Sampling Results - Sorted by Mercury Concentration

Wastewater Facility Name	*Sampling Date*	*Total Effluent Mercury (ppt)*	*Sampled By*
Englehard Corp. (Mearl)	10/26/1999	149.000	DEP
MSAD #6 (Bonney Eagle H.S.)	10/14/1999	117.000	DEP
Livermore Falls	10/08/1999	100.000	DEP
Waldoboro	10/23/1998	99.230	DEP
Searsport	10/29/1999	87.900	DEP
Bucksport	10/19/1999	86.900	DEP
MSAD #9 (Blue Hill H.S.)	10/20/1999	85.600	DEP
Brunswick	10/27/1998	66.740	DEP
Lisbon	10/27/1998	66.580	DEP
Lubec	10/26/1999	65.500	DEP
Wells	02/09/1999	63.790	WWTF
Georgia Pacific Corp	10/05/1998	63.150	WWTF
	10/07/1998	60.900	WWTF
SD Warren (K)	12/07/1998	59.550	WWTF
Kennebunk	10/30/1998	56.430	DEP
Boothbay Harbor	02/21/1999	53.410	WWTF
SD Warren (K)	10/28/1998	52.620	DEP
MSAD #44 (Telstar H.S.)	10/12/1999	49.200	DEP
Eastport Main	10/26/1999	46.000	DEP
Aroostook Valley Electric Coop	10/22/1999	43.600	DEP
Penobscot Energy Rec. Co.	09/29/1999	43.000	DEP
Old Orchard Beach	04/14/1999	41.100	WWTF
MDI Biological Laboratory	11/10/1999	40.400	DEP
Falmouth	03/17/1999	39.150	WWTF
Northport Village Corp.	09/09/1999	38.500	DEP
MDI - Otter Creek	09/27/1999	38.200	DEP
Lubec	09/21/1999	38.000	DEP
Brunswick	12/16/1998	37.750	DEP
Boothbay Harbor	05/19/1999	37.700	WWTF
North Haven	10/07/1999	37.500	DEP
Scarborough	07/28/1999	36.600	WWTF
Searsport	09/09/1999	36.200	DEP
Bar Harbor (Degregoire)	09/27/1999	35.100	DEP
Winterport	10/01/1999	35.000	DEP
Lincoln Pulp & Paper	11/05/1998	34.770	WWTF
Livermore Falls	11/08/1999	34.600	DEP
North Haven	10/07/1999	34.400	DEP
Scarborough	08/10/1998	34.200	WWTF
Georgia Pacific Corp	12/02/1998	33.900	WWTF
Guilford/Sangerville	04/27/1999	33.600	WWTF
Brunswick	08/03/1998	33.300	WWTF
Eastport Quoddy	10/26/1999	32.900	DEP
Ellsworth	10/23/1998	32.420	DEP
CMP Flp Wyman Sta 004	07/16/1999	31.840	WWTF
CMP Wyman Station 001	07/16/1999	31.840	WWTF

Mercury Sampling Results - Sorted by Mercury Concentration

Wastewater Facility Name	*Sampling Date*	*Total Effluent Mercury (ppt)*	*Sampled By*
Milo	10/22/1998	31.820	DEP
Brunswick	07/06/1999	31.580	WWTF
Eastport Main	09/21/1999	31.300	DEP
Belfast	10/22/1998	30.830	DEP
Maine Central Railroad	09/28/1999	30.700	DEP
Downeast Corr. Ctr. (Bucks Hbr	11/18/1999	30.400	DEP
Aroostook Valley Electric Coop	09/16/1999	29.600	DEP
Winterport	11/15/1999	29.500	DEP
Brunswick	11/16/1998	28.900	WWTF
Englehard Corp. (Mearl)	10/26/1999	28.600	DEP
Stonington	10/19/1999	28.500	DEP
Freeport	11/09/1998	27.990	DEP
Farmington	10/29/1998	27.930	DEP
Bayville Village Corp.	09/29/1999	27.700	DEP
Stonington	10/19/1999	27.700	DEP
Togus V A	09/09/1999	27.400	DEP
Wilton	08/20/1998	26.200	WWTF
Scarborough	11/09/1998	26.170	DEP
Caribou	07/27/1998	25.300	WWTF
Ellsworth	11/02/1999	24.900	DEP
SD Warren (K)	12/17/1998	23.470	WWTF
Guilford/Sangerville	10/20/1998	23.400	WWTF
Ogunquit	11/03/1998	22.240	DEP
Stonington	11/19/1999	22.200	DEP
Riverwood Health Care	10/13/1999	21.900	DEP
Ellsworth	05/31/1999	20.790	WWTF
CMP Flp Mason Sta 019	03/24/1999	20.510	WWTF
Waldoboro	12/16/1998	19.880	DEP
Penobscot Energy Rec. Co.	11/05/1999	19.600	DEP
Dexter Utility District	09/09/1998	19.520	WWTF
Beaver Wood (Livermore Falls)	11/08/1999	19.500	DEP
Milbridge	10/26/1999	19.500	DEP
Limerick	04/20/1999	19.480	WWTF
Bayville Village Corp.	11/04/1999	18.900	DEP
North Haven	11/15/1999	18.300	DEP
Farmington	03/28/1999	18.220	WWTF
CMP Flp Mason Sta 019	06/16/1999	17.900	WWTF
Westbrook	07/01/1999	16.900	WWTF
Fort Kent	10/27/1998	16.820	DEP
Falmouth	12/21/1998	16.750	WWTF
North Haven	11/15/1999	16.700	DEP
MDI - Somesville	09/27/1999	16.600	DEP
Togus V A	09/09/1999	16.000	DEP
Kennebunk	03/09/1999	15.900	WWTF
Southwest Harbor	10/23/1998	15.900	DEP

Mercury Sampling Results - Sorted by Mercury Concentration

Wastewater Facility Name	*Sampling Date*	*Total Effluent Mercury (ppt)*	*Sampled By*
International Paper	10/29/1998	15.800	DEP
Georgia Pacific Corp	05/17/1999	15.700	WWTF
Falmouth	11/09/1998	15.320	DEP
Bucksport	11/19/1999	15.200	DEP
Orono	10/22/1998	15.150	DEP
Wilton	10/29/1998	15.050	DEP
Farmington	11/09/1998	14.920	WWTF
Warren	10/23/1998	14.850	DEP
Milo	07/28/1998	14.800	WWTF
Great Salt Bay	11/04/1999	14.600	DEP
Guilford/Sangerville	01/21/1999	14.300	WWTF
Bingham	09/28/1999	14.200	DEP
Eastport Quoddy	09/21/1999	13.900	DEP
Caribou	07/20/1999	13.700	WWTF
Old Orchard Beach	01/11/1999	13.660	WWTF
Old Town	10/22/1998	13.620	DEP
Gardiner	08/19/1998	13.600	WWTF
Osram Sylvania	06/14/1999	13.300	WWTF
Biddeford Pool	10/14/1999	13.200	DEP
Danforth	09/22/1999	13.200	DEP
Georgia Pacific Corp	06/01/1999	13.150	WWTF
Lincoln	11/02/1999	13.000	WWTF
	11/22/1999	13.000	WWTF
Fort James	11/19/1998	12.770	WWTF
International Paper	12/23/1998	12.750	WWTF
Bangor	09/30/1998	12.660	WWTF
Blue Hill	10/19/1999	12.600	DEP
Old Town	08/02/1999	12.500	WWTF
	08/12/1999	12.500	WWTF
International Paper	12/21/1998	12.490	WWTF
Bangor	11/20/1998	12.380	DEP
Rumford/Mexico	10/29/1998	12.300	DEP
Dover-Foxcroft	02/23/1999	12.000	WWTF
Robinson Manufacturing	10/26/1998	11.940	DEP
Lincoln	10/22/1998	11.850	DEP
Georgia Pacific Corp	06/14/1999	11.700	WWTF
Paris	10/26/1998	11.650	DEP
Holtrachem	10/05/1999	11.400	WWTF
MDI - Somesville	11/01/1999	11.400	DEP
Thomaston	02/08/1999	11.340	WWTF
Dover-Foxcroft	04/12/1999	11.300	WWTF
Robinson Manufacturing	09/08/1998	11.300	WWTF
Wilton	09/07/1999	11.300	WWTF
Bangor	07/28/1998	11.100	WWTF
Fort Kent	09/15/1999	11.100	DEP

Mercury Sampling Results - Sorted by Mercury Concentration

Wastewater Facility Name	*Sampling Date*	*Total Effluent Mercury (ppt)*	*Sampled By*
Osram Sylvania	09/20/1999	11.000	WWTF
Kennebunk	06/09/1999	10.900	WWTF
Hartland	08/10/1999	10.800	WWTF
Robinson Manufacturing	06/22/1999	10.800	WWTF
U.S. Naval Comm. Sta. (Cutler)	11/18/1999	10.800	DEP
Caribou	10/27/1998	10.790	DEP
Boothbay Harbor	10/27/1998	10.750	DEP
Camden	10/22/1998	10.750	DEP
Wiscasset	10/05/1998	10.640	WWTF
Mead Paper Company	02/19/1999	10.610	WWTF
Danforth	10/27/1999	10.600	DEP
Ellsworth	09/27/1999	10.600	DEP
Fort James	08/23/1998	10.600	WWTF
Georgia Pacific Corp	12/10/1998	10.600	WWTF
Great Salt Bay	09/29/1999	10.600	DEP
Great Salt Bay (Damariscotta)	09/29/1999	10.600	DEP
Bangor	11/21/1999	10.400	WWTF
Paris	09/01/1998	10.300	WWTF
Blue Hill	11/19/1999	10.200	DEP
Biddeford	10/30/1998	10.170	DEP
Millinocket	05/17/1999	9.900	WWTF
Southwest Harbor	06/07/1999	9.900	WWTF
Millinocket	05/17/1999	9.850	WWTF
Fort Fairfield	10/30/1998	9.840	DEP
Boothbay Harbor	08/31/1999	9.780	WWTF
Winter Harbor Naval Group Act	11/10/1999	9.770	DEP
Bangor	06/28/1999	9.750	WWTF
Millinocket	10/22/1998	9.660	DEP
Champion (Costigan)	11/05/1999	9.580	DEP
CMP Flp Mason Sta 019	08/09/1999	9.400	WWTF
	08/11/1999	9.390	WWTF
Machias	10/23/1998	9.260	DEP
Mattawamkeag	09/22/1999	9.160	DEP
Wilton	07/20/1998	9.150	WWTF
Richmond	11/04/1999	9.140	DEP
Hartland	03/23/1999	9.100	WWTF
Norway	05/03/1999	9.100	WWTF
Paris	09/20/1999	9.100	WWTF
Georgia Pacific Corp	07/07/1999	9.015	WWTF
Portland - PWD	11/10/1998	9.010	DEP
International Paper	02/10/1999	9.000	WWTF
Lincoln Pulp & Paper	06/01/1999	9.000	WWTF
Bar Harbor (Main Plant)	04/04/1999	8.990	WWTF
Kennebec Sanitary T.D.	10/28/1998	8.930	DEP
Boothbay Harbor	11/19/1998	8.800	WWTF

Mercury Sampling Results - Sorted by Mercury Concentration

Wastewater Facility Name	*Sampling Date*	*Total Effluent Mercury (ppt)*	*Sampled By*
Wells	08/17/1999	8.790	WWTF
Machias	10/23/1998	8.510	DEP
Rumford/Mexico	11/10/1998	8.500	WWTF
Degregoire (Bar Harbor)	11/01/1999	8.460	DEP
Mead Paper Company	02/15/1999	8.430	WWTF
Gardiner	10/27/1998	8.340	DEP
MDI - N.E. Harbor	11/01/1999	8.280	DEP
Wells	08/03/1999	8.270	WWTF
Lisbon	01/04/1999	8.260	WWTF
Westbrook	11/09/1998	8.210	DEP
Rumford/Mexico	07/28/1998	8.080	WWTF
Islesboro	09/09/1999	8.050	DEP
Westbrook	12/02/1998	8.040	WWTF
MDI - Seal Harbor	11/01/1999	7.950	DEP
Kennebunkport	10/30/1998	7.880	DEP
Wells	11/03/1998	7.880	DEP
Bar Harbor (Degregoire)	11/01/1999	7.860	DEP
Machias	10/23/1998	7.760	DEP
Gardiner	11/10/1998	7.700	WWTF
Kennebunk	08/24/1998	7.700	WWTF
MDI - Seal Harbor Sand Filter	09/27/1999	7.670	DEP
Milbridge	09/21/1999	7.620	DEP
Lincoln Pulp & Paper	09/29/1999	7.590	DEP
Mead Paper Company	02/18/1999	7.590	WWTF
Castine	10/19/1999	7.520	DEP
Bangor	04/12/1999	7.510	WWTF
Wells	08/10/1999	7.470	WWTF
Great Salt Bay (Damariscotta)	11/04/1999	7.450	DEP
Bangor	11/06/1998	7.350	DEP
Vassalboro (Cemetery Rd.)	10/05/1999	7.320	DEP
Kennebunk	12/16/1998	7.300	DEP
Kittery	03/15/1999	7.110	WWTF
Castine	11/19/1999	7.050	DEP
Bar Harbor (Main Plant)	10/23/1998	6.980	DEP
Sea Meadows	10/05/1999	6.980	DEP
Mead Paper Company	02/16/1999	6.920	WWTF
Baileyville	09/22/1999	6.880	DEP
St. Agatha	09/15/1999	6.830	DEP
Fort James	08/15/1999	6.800	WWTF
Lincoln	03/09/1999	6.800	WWTF
Robinson Manufacturing	06/23/1998	6.800	WWTF
Cape Elizabeth	05/17/1999	6.760	WWTF
Rumford/Mexico	02/23/1999	6.740	WWTF
Ashland SD	08/24/1999	6.700	WWTF
Bingham	11/02/1999	6.640	DEP

Mercury Sampling Results - Sorted by Mercury Concentration

Wastewater Facility Name	*Sampling Date*	*Total Effluent Mercury (ppt)*	*Sampled By*
Sea Meadows	11/04/1999	6.640	DEP
Camden	06/30/1999	6.560	WWTF
CMP Wyman Station 001	06/23/1999	6.560	WWTF
Richmond	09/29/1999	6.560	DEP
CMP Flp Wyman Sta 004	06/20/1999	6.500	WWTF
Penobscot Indian (Old Town)	11/05/1999	6.350	DEP
Falmouth	06/21/1999	6.330	WWTF
Fraser Paper	10/30/1998	6.290	WWTF
Falmouth	09/09/1998	6.280	WWTF
Skowhegan (River Road)	10/20/1999	6.250	DEP
Bangor	12/14/1998	6.210	WWTF
Mars Hill	10/30/1998	6.210	DEP
CMP Flp Mason Sta 019	09/11/1998	6.200	WWTF
Baileyville	09/22/1999	6.150	DEP
Hartland	11/02/1998	6.110	DEP
Fraser Paper	07/30/1998	6.050	WWTF
Vassalboro (Cemetary Rd.)	11/17/1999	6.030	DEP
Kennebec Sanitary T.D.	07/29/1998	6.000	WWTF
Westbrook	09/23/1998	5.990	WWTF
	10/20/1998	5.990	WWTF
University Of New England	10/13/1999	5.980	DEP
St. Agatha	10/21/1999	5.920	DEP
Biddeford Pool	11/09/1999	5.870	DEP
Newport	11/02/1998	5.820	DEP
SD Warren (K)	02/02/1999	5.820	WWTF
MDI - N.E. Harbor	09/27/1999	5.750	DEP
Kittery	12/01/1998	5.700	WWTF
Loring	09/20/1999	5.700	WWTF
Mead Paper Company	10/08/1999	5.690	DEP
Kittery	11/03/1998	5.650	DEP
Bar Harbor (Hulls Cove)	11/01/1999	5.620	DEP
Veazie	11/05/1999	5.610	DEP
Bar Harbor (Hulls Cove)	09/27/1999	5.570	DEP
Calais	10/23/1998	5.560	DEP
SD Warren (K)	09/07/1999	5.500	WWTF
Augusta	10/27/1998	5.460	DEP
Whitneyville	09/21/1999	5.440	DEP
Southwest Harbor	06/09/1998	5.430	WWTF
Kittery	06/13/1999	5.420	WWTF
Vassalboro (N. Main St.)	10/05/1999	5.420	DEP
Whitneyville	10/26/1999	5.390	DEP
Kittery	09/19/1999	5.320	WWTF
Anson-Madison	04/18/1999	5.300	WWTF
Houlton	09/14/1999	5.300	WWTF
Yarmouth	11/09/1998	5.300	DEP

Mercury Sampling Results - Sorted by Mercury Concentration

Wastewater Facility Name	*Sampling Date*	*Total Effluent Mercury (ppt)*	*Sampled By*
Houlton	09/15/1999	5.280	WWTF
Madawaska	10/27/1998	5.240	DEP
South Portland	08/10/1998	5.200	WWTF
Baileyville	10/27/1999	5.170	DEP
Rockland	10/22/1998	5.160	DEP
Washburn	10/30/1998	5.130	DEP
Yarmouth	05/10/1999	5.120	WWTF
MDI - N.E. Harbor	09/27/1999	5.090	DEP
Portland - PWD	03/10/1999	5.070	WWTF
SD Warren (K)	02/17/1999	4.960	WWTF
Bath	10/27/1998	4.930	DEP
Machias	04/12/1999	4.930	WWTF
Peaks Island - PWD	11/09/1999	4.900	DEP
Hartland	11/03/1998	4.800	WWTF
Thomaston	10/23/1998	4.790	DEP
Peaks Island - PWD	11/09/1999	4.720	DEP
Boothbay Harbor	07/12/1999	4.660	WWTF
Mead Paper Company	02/17/1999	4.630	WWTF
Northport Village Corp.	11/16/1999	4.630	DEP
Ogunquit	04/04/1999	4.610	WWTF
Fraser Paper	11/02/1998	4.590	WWTF
Lisbon	12/16/1998	4.560	DEP
Mapleton	09/16/1999	4.540	DEP
South Portland	11/10/1998	4.500	DEP
Vassalboro (E. Vassalboro)	10/05/1999	4.450	DEP
Peaks Island - PWD	10/15/1999	4.430	DEP
Cape Elizabeth	11/09/1998	4.390	DEP
Bath	05/10/1999	4.380	WWTF
Vassalboro (E. Vassalboro)	11/17/1999	4.330	DEP
Howland	10/27/1999	4.320	DEP
Mechanic Falls	01/20/1999	4.320	WWTF
Limerick	11/16/1999	4.250	DEP
Orono	07/29/1998	4.250	WWTF
Boothbay Harbor	04/28/1999	4.200	WWTF
East Machias	09/21/1999	4.150	DEP
Norway	10/26/1998	4.150	DEP
Orono	07/27/1998	4.140	WWTF
Presque Isle	10/27/1998	4.110	DEP
Fraser Paper	10/27/1998	4.100	DEP
Anson-Madison	10/28/1998	4.050	DEP
Orono	07/30/1998	4.040	WWTF
Hartland	08/11/1998	4.000	WWTF
SD Warren (K)	03/17/1999	4.000	WWTF
Van Buren	10/21/1999	3.960	DEP
Brewer	10/23/1998	3.950	WWTF

Mercury Sampling Results - Sorted by Mercury Concentration

Wastewater Facility Name	*Sampling Date*	*Total Effluent Mercury (ppt)*	*Sampled By*
Brunswick Landfill	09/29/1999	3.940	DEP
MDI - Otter Creek	04/18/1999	3.900	WWTF
Unity	04/14/1999	3.900	WWTF
Old Orchard Beach	10/25/1998	3.830	WWTF
Sabattus	08/23/1999	3.810	WWTF
Calais	04/11/1999	3.800	WWTF
Saco	10/30/1998	3.680	DEP
Fraser Paper	11/04/1998	3.640	WWTF
Georgia Pacific Corp	09/22/1999	3.600	DEP
Great Northern Paper, West	03/01/1999	3.600	WWTF
Hartland	05/04/1999	3.600	WWTF
Bethel	10/08/1999	3.590	DEP
Peaks Island - PWD	10/15/1999	3.590	DEP
Brunswick Landfill	11/04/1999	3.580	DEP
South Portland	06/01/1999	3.510	WWTF
Penobscot Nursing Home	10/19/1999	3.480	DEP
Winter Harbor	09/21/1999	3.450	DEP
Islesboro	10/29/1999	3.380	DEP
Penobscot Indian (Old Town)	10/06/1999	3.370	DEP
Veazie	10/06/1999	3.340	DEP
North Jay	10/29/1998	3.260	DEP
South Portland	11/12/1998	3.250	WWTF
Penobscot Frozen Foods	10/19/1999	3.230	DEP
Mattawamkeag	10/27/1999	3.220	DEP
Great Northern Paper, West	05/03/1999	3.210	WWTF
Sabattus	08/25/1998	3.200	WWTF
SD Warren (K)	05/12/1999	3.200	WWTF
Loring	06/06/1999	3.180	WWTF
Old Orchard Beach	10/30/1998	3.150	DEP
MDI - Seal Harbor	09/27/1999	3.130	DEP
Guilford/Sangerville	10/22/1998	3.100	DEP
Vassalboro (N.Main St.)	11/17/1999	3.100	DEP
South Berwick	11/03/1998	3.090	DEP
Skowhegan (Main Plant)	10/28/1998	3.030	DEP
Orono	10/27/1999	2.930	WWTF
Howland	09/22/1999	2.910	DEP
Sorrento	11/18/1999	2.880	DEP
Ashland SD	10/27/1998	2.830	DEP
Great Northern Paper, East	08/25/1999	2.800	WWTF
Kennebunkport	04/26/1999	2.800	WWTF
Newport	09/29/1998	2.800	WWTF
Bethel	11/08/1999	2.770	DEP
Limestone	10/27/1998	2.760	DEP
SD Warren	09/16/1998	2.760	WWTF
Van Buren	09/15/1999	2.720	DEP

Mercury Sampling Results - Sorted by Mercury Concentration

Wastewater Facility Name	*Sampling Date*	*Total Effluent Mercury (ppt)*	*Sampled By*
Sunday River Skiway	11/08/1999	2.660	DEP
Van Buren	09/15/1999	2.620	DEP
Canton	11/09/1998	2.580	WWTF
	10/08/1999	2.570	DEP
Frenchville	10/21/1999	2.520	DEP
Orono	03/22/1999	2.520	WWTF
Belfast	09/12/1999	2.500	WWTF
Jackman	03/09/1999	2.500	WWTF
Wiscasset	10/27/1998	2.500	DEP
Corinna	11/02/1998	2.490	DEP
Freeport	05/19/1999	2.490	WWTF
Lewiston/Auburn	10/26/1998	2.490	DEP
St. Andre Health Care	10/13/1999	2.480	DEP
Fraser Paper	06/24/1999	2.470	WWTF
Newport	09/09/1999	2.460	DEP
Rumford Pt.	11/08/1999	2.410	DEP
Sanford	07/07/1998	2.400	WWTF
	07/10/1998	2.360	WWTF
SD Warren (K)	02/24/1999	2.360	WWTF
Houlton	10/30/1998	2.340	DEP
Loring	10/27/1998	2.340	DEP
Sabattus	10/26/1998	2.290	DEP
Sanford	10/14/1998	2.230	WWTF
Wiscasset	11/21/1999	2.200	WWTF
Great Northern Paper, West	03/18/1999	2.170	WWTF
	03/26/1999	2.170	WWTF
Great Northern Paper, East	11/08/1999	2.100	WWTF
North Berwick	11/03/1998	2.080	DEP
SD Warren	11/09/1998	2.080	DEP
Winter Harbor	10/26/1999	2.080	DEP
Cape Elizabeth	12/10/1998	2.020	WWTF
East Machias	11/18/1999	2.020	DEP
Bethel	11/08/1999	2.010	DEP
Champion (Bucksport)	11/05/1999	1.980	DEP
Mapleton	10/22/1999	1.970	DEP
Norridgewock	09/28/1999	1.970	DEP
East Machias	11/18/1999	1.930	DEP
Brewer	09/08/1999	1.900	WWTF
Berwick	11/03/1998	1.860	DEP
Norridgewock	11/02/1999	1.860	DEP
SD Warren	12/09/1998	1.760	WWTF
Great Northern Paper, West	10/22/1998	1.730	DEP
Great Northern Paper, East	09/29/1999	1.720	DEP
Limestone	08/13/1998	1.700	WWTF
Maine Central Railroad	10/28/1999	1.690	DEP

Mercury Sampling Results - Sorted by Mercury Concentration

Wastewater Facility Name	*Sampling Date*	*Total Effluent Mercury (ppt)*	*Sampled By*
York	11/03/1998	1.670	DEP
Gorham Little Falls - PWD	11/09/1999	1.660	DEP
SD Warren	01/13/1999	1.600	WWTF
Skowhegan (Main Plant)	10/20/1999	1.600	DEP
	11/21/1999	1.570	DEP
Maine Correctional Center	10/13/1999	1.550	DEP
Mechanic Falls	10/26/1998	1.550	DEP
Maine Correctional Center	10/13/1999	1.530	DEP
Gorham Little Falls - PWD	10/15/1999	1.510	DEP
Sanford	02/23/1999	1.500	WWTF
SD Warren	06/18/1999	1.500	WWTF
Unity	11/17/1999	1.490	DEP
Pittsfield	11/21/1999	1.440	DEP
Great Northern Paper, East	09/29/1999	1.420	DEP
Dover-Foxcroft	10/22/1998	1.410	DEP
Great Northern Paper, West	10/26/1998	1.400	WWTF
Frenchville	09/15/1999	1.380	DEP
Control Devices	12/16/1998	1.330	DEP
Oakland	10/28/1998	1.320	DEP
Brewer	07/26/1999	1.300	WWTF
Corinna	02/09/1999	1.300	WWTF
Great Northern Paper, West	08/10/1998	1.300	WWTF
Houlton	09/22/1998	1.300	WWTF
Penobscot Frozen Foods	11/19/1999	1.190	DEP
National Starch	10/22/1999	1.170	DEP
Rumford Pt.	10/08/1999	1.030	DEP
Brewer	09/29/1998	0.970	WWTF
Lewiston/Auburn	04/21/1999	0.910	WWTF
Pittsfield	10/06/1999	0.820	DEP
Pratt & Whitney	05/10/1999	0.800	WWTF
Great Northern Paper, East	02/01/1999	0.740	WWTF
Sanford	10/30/1998	0.740	DEP
Loring	03/11/1999	0.700	WWTF
North Jay	10/31/1999	0.700	WWTF
National Starch	09/16/1999	0.640	DEP
Great Northern Paper, East	03/24/1999	0.500	WWTF
Pratt & Whitney	08/25/1998	0.480	WWTF
	11/10/1998	0.440	WWTF
Champion (Bucksport)	10/04/1999	0.400	WWTF
Pratt & Whitney	08/22/1999	0.400	WWTF
Clinton	09/09/1999	0.380	DEP
Pratt & Whitney	02/23/1999	0.290	WWTF
Champion (Bucksport)	05/17/1999	0.200	WWTF
Pratt & Whitney	11/03/1998	0.075	WWTF

APPENDIX D

Blank Survey Form

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

MERCURY POLLUTION PREVENTION PLAN PROGRESS REPORT *for*

_____

Name of the Wastewater Treatment Facility/ Maine Waste Discharge Licensee

Maine Waste Discharge License Number: _____

Address: _____
(Street)

_____ _____
(Municipality) (zip code)

Telephone: _____ E-mail: _____

Check all items that have been completed:

- ☐ Awaiting model DEP plan.
- ☐ Designated a person to develop the mercury reduction plan.
- ☐ Adopted a mission statement.
- ☐ Developed goals and measurement strategies.
- ☐ Developed baseline information strategy.
- ☐ Identified potential internal sources (within the treatment plant).
- ☐ Identified potential external sources (outside the treatment plant).
- ☐ Assessed the relative contribution from each identified potential source.
- ☐ Identified tools and options for potential sources.
- ☐ Established priority actions for potential sources.
- ☐ Established employee training and public education.
- ☐ Developed pollution prevention objectives for priority potential sources.
- ☐ Developed an implementation plan for priority potential sources.

Number of clean mercury analysis (EPA Method 1669/1631) performed. _____

Describe any other activities to reduce internal and external sources of mercury:

_____

_____

_____

_____

_____

Note: This report is due back to the DEP by December 15, 1999.

Mail to: Donald Albert
Department of Environmental Protection
17 State House Station
Augusta, Maine 04333