

INVENTORY OF LAKE STUDIES IN MAINE



1973

**STATE PLANNING OFFICE
WATER RESOURCES PLANNING DIVISION**



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INVENTORY OF LAKE STUDIES IN MAINE

By

Charles F. Wallace, Jr.

and

James M. Strunk



State of Maine
Executive Department
State Planning Office

189 State Street, Augusta, Maine 04330

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July 16, 1973

Please find enclosed a copy of the Inventory of Lake Studies in Maine prepared by the Water Resources Planning Unit of the State Planning Office. We hope this will enable you to better understand the intensity and direction of lake studies and related work at various private and institutional levels in the State of Maine.

Any comments or inquiries, which you may have concerning its general content or specific studies, are welcomed.

Sincerely yours,

A handwritten signature in cursive script that reads "Frank W. McCann".

Frank W. McCann
Resources Planner

FWM/ss

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EXECUTIVE DEPARTMENT

189 State Street
Augusta, Maine 04330
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PHILIP M. SAVAGE, DIRECTOR

July - 1973

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Resources Council Title III funds.

ACKNOWLEDGEMENTS

This survey would not have been possible without the cooperation of those people who volunteered information. Too numerous to list here, we sincerely thank all of you!

Charles Wallace initiated the project with James Strunk acting as principle researcher, and Mrs. Shirley Stiles typing the manuscript. We realize that text omissions or errors may occur, but we feel that our research of existing and planned lake studies, and related work make this a relatively comprehensive and up-to-date inventory.

PREFACE

An Inventory of Lake Studies was conducted in order to assemble a guide to research activities pertaining to lakes and ponds in Maine. The need for such a guide seems obvious, for Maine's Research, Planning, Management and Regulatory Communities all have informational needs for data on Maine's lakes and ponds. This inventory is an abstracted guide to the nature and location of that information.

Initial work in compiling the guide consisted of a questionnaire which was mailed to people involved directly and indirectly in lake and pond studies. Questionnaires were followed by personal contacts where possible. Among those contacted were Federal, State and Local officials, Regional Planning Agencies, County Cooperative Extension Agents, Soil Conservation Service - District Representatives, Water Utility Companies, College and University Personnel, Conservation Commissions, the Natural Resources Council, Lake Associations in Maine (members of the Congress of Lake Studies-COLA), members of the Committee for the Advancement of Lake Studies (CALS), and others identified as the survey progressed. Although the response to the questionnaire was less than unanimous, we are confident that the major research activities and areas of activity have been identified and listed.

To restrict the size of the inventory and ensure that its primary concern was Maine's Lakes and Ponds, the research survey was limited to activities performed by people and institutions located in Maine. The possible exceptions to this were a few Federal Government projects and a small number of extra-Maine college or university studies. No attempt was made to create a totally "comprehensive" survey on a national level (i.e. general lake studies scientifically oriented which would affect most lakes in general but not specifically).

Because limnology deals with the physical and biological aspects of fresh water bodies, an "a priori" decision was made to include only major studies that could illuminate morphometric as well as ecological aspects of Maine's Lakes. Therefore major studies dealing with soils, groundwater, and geology were included. But since this was a survey concerned primarily with Lakes and Ponds, research covering rivers and streams was not included.

This survey is not a "finite project". The Water Resources Planning Division will update this information on an annual basis. From time to time this publication will be revised - but only as a function of significant changes. Therefore, Water Resources Planning welcomes and, in fact, encourages any suggestions on omissions, additions or revisions that should be included in later publications to make them more effective.

... ERRATUM ...

Title sheet for Appendix II - Research Index
of Maine's Lakes and Ponds - follows title
sheet marked Appendix I. Appendix II title
sheet should follow page 1.5 and precede
Appendix II Table of Contents - listing major
river basins.

TABLE OF CONTENTS

	<u>Page</u>
I. INTRODUCTION	1
II. <u>INVESTIGATING AGENCIES</u>	
<u>FEDERAL AGENCIES</u>	3
- Environmental Protection Agency.....	4
- U.S. Army Corps of Engineers.....	7
- U.S. Department of Agriculture.....	10
Soil Conservation Service	
- U.S. Department of Interior.....	17
U.S. Geologic Survey	
<u>STATE AGENCIES</u>	20
- Department of Environmental Protection.....	21
- Department of Forestry.....	26
Maine Geological Survey	
- Department of Inland Fisheries and Game.....	29
- Land Use Regulation Commission.....	56
- Maine State Planning Office.....	60
- Department of Parks and Recreation.....	70
<u>REGIONAL PLANNING COMMISSIONS AND ECONOMIC DEVELOPMENT</u>	
<u>DISTRICTS</u>	72
- Androscoggin Valley Regional Planning Commission.....	75
- North Kennebec Regional Planning Commission.....	78
- Northern Maine Regional Planning Commission.....	82
- Penobscot Valley Regional Planning Commission.....	85
- Southern Maine Regional Planning Commission.....	87
- Eastern Maine Development District.....	89

<u>MAINE COLLEGES AND UNIVERSITIES</u>	91
- Bates College.....	92
- Bowdoin College.....	97
- Colby College.....	99
- Nason College.....	101
- Ricker College.....	104
- Unity College.....	108
- University of Maine.....	110
University of Maine, Orono, Maine.....	112
University of Maine, Farmington, Maine.....	122
Environmental Studies Center, Orono, Maine.	123
University of Maine School of Law, Portland, Maine.	132
<u>PRIVATE</u>	135
- Water Utilities	
<u>OTHER PRIVATE</u>	139
- Lake Association Studies	
- Conservation Commissions	
- Private Committees and Groups	
<u>OTHER</u>	146

III. APPENDICES

- I. Questionnaire Sample
- II. Research Index of Maine Lakes and Ponds

INTRODUCTION

The primary aim of this inventory is to present a reasonably complete overview of public and private studies on Maine's Lakes and Ponds which were completed or initiated by 1973, and to provide a quick organized reference to those studies.

The inventory categorizes private and public studies under general organizational areas (i.e. Federal Agencies, State Agencies, Regional Planning Commissions and Economic Development Districts, Maine Colleges and Universities, Private, Other Private, Other) and further reduces these into suborganizational areas (i.e. under State Agencies the sub-areas are: Department of Environmental Protection, Department of Forestry, Department of Inland Fisheries and Game, Land Use Regulation Commission, Maine State Planning Office, Department of Parks and Recreation.)

The method used to assign a study to an organizational area or sub-organizational area, was to list it under that agency or organization whose financial support was necessary in ensuring the completion of a study. Individual studies not covered by the above formula were listed under the agency or institution of which the individual was a member or under whose auspices the study was completed. An example of this would be several studies completed by faculty members of several colleges whose work was financed by a Maine Lake Association. Dr. Ciullo of Nason College did several studies of this type. A complete study summarization of his work and its availability is presented under the organizational heading - Maine Colleges and Universities, sub-heading - Nason College. However, several of his studies were financed and supported by lake associations and so are cross-referenced and listed under the organizational heading - Other Private.

The individual study format in the inventory is designed to be a general summary based on available information which would enable the reader to comprehend the basic parameters of the study, the primary source or sources, and the general availability of the material. The general format used is outlined and explained here as:

STUDY: Study title or general activity description;

LAKE/POND: Listing of lakes and ponds affected by the study (in several cases this was not used when the study related indirectly to lakes and ponds, but was still identified as having an impact upon future research or functional planning);

DATE: Date of publication, and where possible, the dates of field work or data gathering and analysis;

PURPOSE: List of study parameters or study organization, whichever best describes the project;

PREPARED BY: Primary study source is given and also the contact to be utilized in gaining access to study data;

FORMAT: Reflects the final form of study findings.

The Research Index of Maine's Lakes and Ponds, Appendix II, is designed to aid the reader as a cross reference between the lakes index and studies in the inventory, and to reference a study in terms of its major organizational area.

FEDERAL AGENCIES

U.S. Environmental Protection Agency

U.S. Army Corps of Engineers

U.S. Department of Agriculture

- Soil Conservation Service -

U.S. Department of Interior

- U.S. Geologic Survey -

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

- The Administrator -

Waterside Mall
4th & M Street, S.W.
Washington, D.C.
20460

- Regional Administrator -

Region I, EPA
2303 John F. Kennedy
Federal Building
Boston, Massachusetts
02203

STUDY: National Eutrophication Control Program.

LAKE/POND: Long Lake/St. Agatha, Mattawamkeag Lake/Island Falls, Sebago Lake/Bridgton, Rangeley Lake/Rangeley, Sebasticook Lake/Corinna, Moosehead Lake/Greenville, Long Pond/Bridgton, Estes Lake/Sanford, Bay of Naples/Naples.

DATE: Project Sampling Maine Lakes - September 28 through October 12, 1972 (Phase II). Sampling, analysis and planning will continue beyond the Phase II sampling date.

PURPOSE: The National Eutrophication Control Program is designed to bring about improvement of water bodies threatened by eutrophication through reduction of phosphorus entering those waters. In order for a lake to qualify for study the following requirements had to be met:

1. Must be fresh water;
2. Must have at least one week detention in flow-through at all times;
3. There must be a point source of waste discharge within 25 miles;
4. There is no plan for diversion of waste flows;
5. There must be a lack of data for evaluation of the situation regarding the lake.

The program is divided into three phases: Phase I - Selection of lakes to be studied; Phase II - Study of physical, chemical and biological parameters, and assessing those parameters; Phase III - Nutrient source and tributary sampling to determine the nutrient budget of phosphorus for each body of water. The program is now into Phase II and Phase III studies. Sampling will be done on a quarterly basis with the first sampling being done from September 28 through October 12, 1972. Parameters sampled and checked will be: Depth (profile), Secchi Disc (surface), Temperature conditions (profile), Dissolved oxygen (profile), pH (profile), Total Phosphorus and dissolved Phosphorus (profile), Nitrogen/ NO_2 - NO_3 (profile), Chlorophyll- (surface), Ammonia Nitrogen (profile), Alkalinity/ CaCO_3 (surface), Sediment Core (mid-summer), Algae I.D. (profile-mid-spring and mid-summer), and Algae Assay (profile-winter or early spring and late summer or early fall).

PREPARED BY: Federal Environmental Protection Agency, Washington, D.C.;
Maine Department of Environmental Protection, Augusta, Maine.

AVAILABILITY: There are several national field storage and analysis stations. However, the Maine Department of Environmental Protection will have information available on all data collected.

FORMAT: Pending.

AGENCY REFERENCE: United States Environmental Protection Agency; pp. 5-6
NATURE OF REVISION: Study Completion
STUDY TITLE AND SUMMARY: National Eutrophication Control Program.

This program has been completed and preliminary draft reports on individual lakes tested are being circulated. Final lake report will contain: (1) Brief lake description and historical background information; (2) Results of algal assays performed, (3) data implications and summary conclusions and, (4) Tabulation of collected data in Appendix form. The reports will also detail trophic conditions, limiting nutrient, and nutrient controllability.

Data from program is also computerized and stored in EPA's National Field Storage System (STORET) and in the University of Maine's computer system. Eventual access to STORET will be gained by the Maine Department of Environmental Protection through a service terminal.

Reports, when published, will be available from Matthew Scott, Maine Department of Environmental Protection, Bureau of Water Quality Control.

Insert

p.-6a

UNITED STATES ARMY CORPS OF ENGINEERS

- Office of Chief of Engineers -

James Forrestal Building
Washington, D.C. 20314

- New England Division -

Division Engineer
U.S. Army Engineers Division,
New England
424 Trapelo Road
Waltham, Massachusetts
02154

- North Atlantic Division -

Division Engineer
U.S. Army Engineer Division,
North Atlantic
90 Church Street
New York, New York
10007

STUDY: The Resources of the New England-New York Region (NENYIAC).

LAKE/POND: The primary concern of the report is with flowing water bodies in the river basins and secondarily with lakes and ponds which are largely seen as storage basins.

DATE: March 15, 1955.

PURPOSE: Present a comprehensive report on the land, water, and related resources of the New England-New York study area and to investigate resource inter-relationships. The report contains three major sections: The general survey report, The technical reports (with detailed studies of the river basins and special subjects) and a section on reference data.

PREPARED BY: New England-New York Inter-Agency Committee, and the U.S. Army Corps of Engineers.

AVAILABILITY: U.S. Army Corps of Engineers and the Maine State Planning Office, Water Resources Planning Division, Augusta, Maine; Maine State Library, Augusta, Maine.

FORMAT: Planning Report.

STUDY: Northeastern United States Water Supply Study (NEWS).

LAKE/POND: Those lakes and ponds in the water supply system mentioned in Volumes I and II of the draft copies of the Preliminary Long-Range Water Supply Studies which are part of the overall NEWS Study.

DATE: Draft publication date - November, 1971.

PURPOSE: All states within the limits of the NEWS Study have had long range water supply plans drawn up for present and future Urban Metropolitan Areas (UMA).

In volumes I and II of the Preliminary Long Range Water Supply Study the Maine Urban Areas mentioned are Auburn-Lewiston, Bangor, and Portland. The study deals with the expansion and improvement of each area's respective water supply system, based upon projected population growth and increased water usage.

PREPARED BY: U.S. Department of the Army, Corps of Engineers, North Atlantic Division.

AVAILABILITY: U.S. Army Corps of Engineers and the Maine State Planning Office.

FORMAT: Planning Document.

STUDY: North Atlantic Regional Water Resource Study (NAR).

LAKE/POND: Reference to Maine lakes and ponds is handled in a quantitative and qualitative manner but the overall reference to lakes and ponds is in terms of a general water resource.

DATE: June, 1972.

PURPOSE: Develop and document the information, findings and recommendations of private and public research. This information will be used by decision makers to guide the development of the regions' water and related land resources.

PREPARED BY: North Atlantic Regional Water Resources Coordinational Committee and the North Atlantic Division of the U.S. Army Corps of Engineers.

AVAILABILITY: U.S. Army Corps of Engineers; Maine Regional Planning Agencies; Maine State Planning Office, Water Resources Planning Division; Maine State Library, Augusta, Maine.

FORMAT: Main Report and 22 volume appendices.

UNITED STATES DEPARTMENT OF AGRICULTURE

SOIL CONSERVATION SERVICE

- The Administrator -

Soil Conservation Service

U.S. Department of Agriculture

Washington, D.C. 20250

- State Conservationist -

Soil Conservation Service

United States Department of Agriculture

U.S.D.A. Building

University of Maine

Orono, Maine 04473

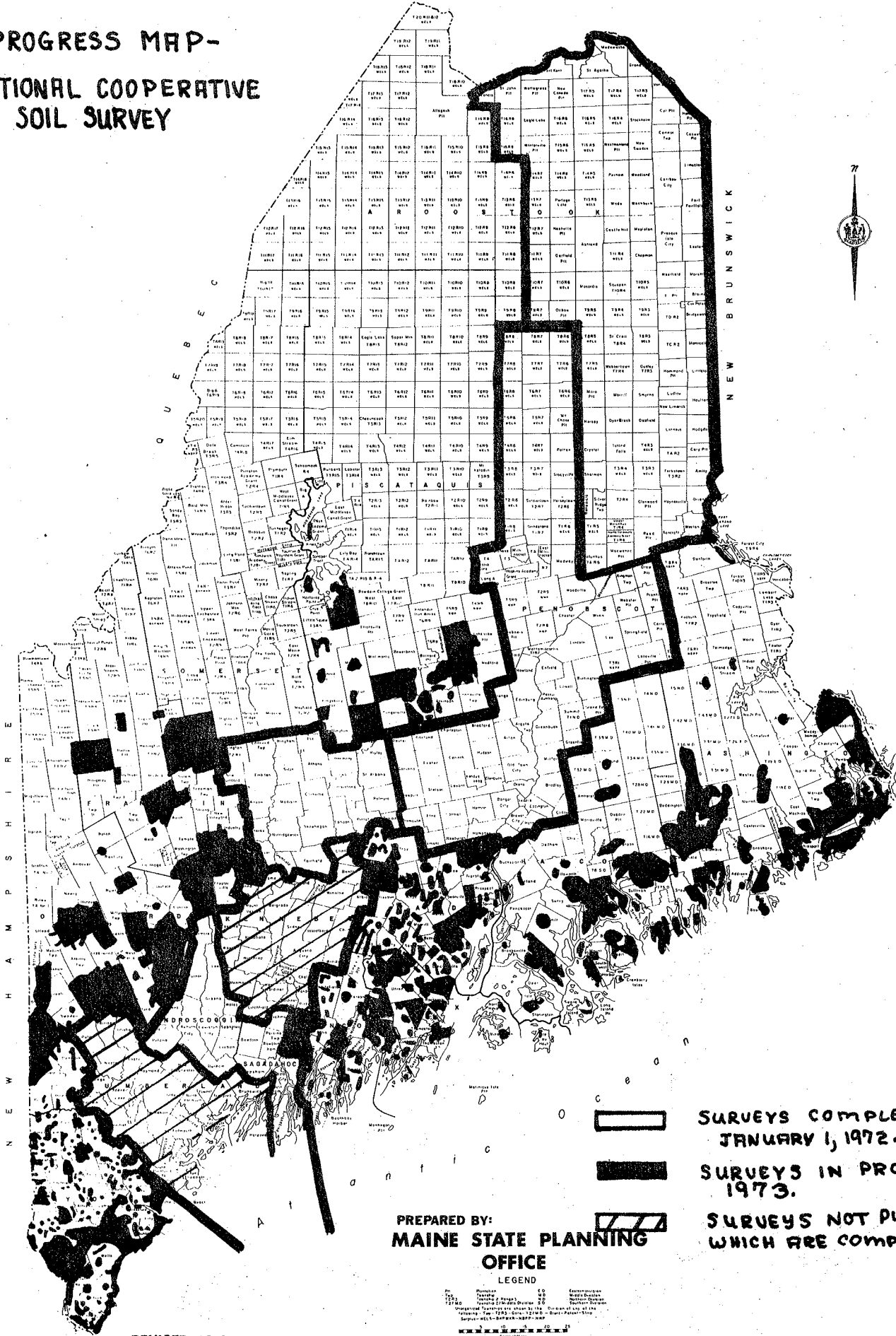
OFFICIAL NAMEDISTRICT HEADQUARTERS

1. St. John Valley	Fort Kent
2. Central Aroostook	Presque Isle
3. Southern Aroostook (1)	Houlton
4. York County	Sanford
5. Piscataquis County	Dover-Foxcroft
6. Waldo County	Belfast
7. Penobscot County (1)	Bangor
8. Somerset County	Skowhegan
9. Cumberland County	Portland
10. Oxford County	South Paris
11. Kennebec County	Augusta
12. Knox-Lincoln (2)	Rockland
13. Androscoggin Valley (3)	Auburn
14. Franklin County	Farmington
15. Washington County	Machias
16. Hancock County	Ellsworth

- (1) Four townships in Penobscot County are officially a part of Southern Aroostook S & W C D.
- (2) This S & W District name does not carry the word "county".
- (3) This S & W District includes Androscoggin and Sagadahoc Counties.

-PROGRESS MAP-

NATIONAL COOPERATIVE SOIL SURVEY



PREPARED BY:
**MAINE STATE PLANNING
OFFICE**

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**SURVEYS COMPLETED TO
JANUARY 1, 1972.**

**SURVEYS IN PROGRESS TO
1973.**

**SURVEYS NOT PUBLISHED
WHICH ARE COMPLETED.**

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LEGEND

For	Plantings	EO	Eastern Division
Top	Topsoil	SD	Median Division
Sub	Subsoil	MD	Western Division
*2WD	*Gravel 27-Middle Division	SO	Southern Division

Ungravelled Topsoils are shown by the Division of any of the following: Top-12R3 - Gravel 22WD - Sand-Parent Strip

Surplus - NLS - BHP&B - BPP - NRP

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STUDY: Standard Soil Survey.
DATE: Continuing Study.
PURPOSE: The Standard Soil Surveys of Maine Municipalities and Counties are part of a National United States Department of Agriculture - Soil Conservation Service soil survey.

The Standard Soil Survey consists of soil descriptions, soil use and management recommendations, soil formation and clarification information, general area physical descriptions (i.e. physiography, drainage, climate), and photographic overlay interpretation - on a 1:15840 scale ($\frac{1}{4}$ inch = 1 mile) - of the area surveyed.

Areas in Maine which have completed soil surveys are shown on the Maine Minor Civil Division Map - pg. This map also included the boundaries of existing Soil and Water Conservation Districts.

PREPARED BY: United States Department of Agriculture - Soil Conservation Service, Maine Soil and Water Conservation Commission, and Maine Soil and Water Conservation Districts.

AVAILABILITY: Information, on completed Standard Soil Surveys and those in progress, is available at the different Soil and Water Conservation District headquarters or from the Maine Soil and Water Conservation Commission, Augusta, Maine.

FORMAT: 9" x 11" Report, with 9" x 16" map foldouts.

STUDY: Soil Suitability Guide - For Land Use Planning in Maine.

DATE: 1967.

PURPOSE: The Soil Suitability Guide is designed to broaden the use of technical Soil Survey Reports and soil handbooks. It is developed to provide a simple working document for any type of land use planning and development. The document is subject to updating based upon new data received and also will be added to as new land use planning needs arise.

PREPARED BY: U.S. Department of Agriculture, Soil Conservation Service - et al.

AVAILABILITY: Maine Soil and Water Conservation Commission, Augusta, Maine; Headquarters of Maine's Soil and Water Conservation Districts.

FORMAT: Planning Document (Miscellaneous Publication 667 (Revised)).

STUDY: Statewide Set of Maine Soil Descriptions and Interpretations.
DATE: February, 1970.
PURPOSE: This document is designed to be used in conjunction with the Standard Soil Survey and the Soil Suitability Guide for Land Use Planning in Maine.
PREPARED BY: U.S. Department of Agriculture - Soil Conservation Service.
AVAILABILITY: Maine Soil and Water Conservation Commission, Augusta, Maine; District Headquarters of Maine Soil and Water Conservation Districts.
FORMAT: Reference Document.

STUDY: Threshold to Maine: Resource, Conservation and Development Plan.
LAKE/POND: Those water bodies which border on, or are within the limits of York, Oxford and Cumberland Counties in Maine.
DATE: June, 1960.
PURPOSE: A comprehensive look at the natural resources, economic development, and social development of the tri-county area. The interrelationships that exist between Maine's natural resources and economic and social development, are looked at in terms of past, present, and possible future situations.
PREPARED BY: United States Department of Agriculture - Soil Conservation Service; in cooperation with local, regional and state agencies.
AVAILABILITY: Soil and Water Conservation Commission, Augusta, Maine; Maine State Planning Office, Augusta, Maine.
FORMAT: Planning Report.

STUDY: Pushaw Stream Watershed - Preliminary Investigation Report.
LAKE/POND: Pushaw Lake.
DATE: 1972.
PURPOSE: Flood control evaluation of the Pushaw Stream Watershed.
PREPARED BY: U.S. Department of Agriculture-Soil Conservation Service, Orono, Maine
AVAILABILITY: U.S.D.A.-Soil Conservation Service, Orono, Maine.
FORMAT: Preliminary Report. pp 11.

STUDY: Thompson Lake Water Management Project Measure.

LAKE/POND: Thompson Lake; Androscoggin, Cumberland and Oxford Counties.

DATE: March, 1972.

PURPOSE: Purpose was to see if Thompson Lake could be maintained at a fairly constant level with as little drawdown as necessary to maintain as large a spawning area as possible, and still provide some flood protection by retaining flood waters. Contains basic watershed investigation and analysis of water flow and storage capability, in relation to current water use and flood control.

PREPARED BY: United States Department of Agriculture, Soil Conservation Service, U.S.D.A. Building, University of Maine, Orono, Maine. 04473.

AVAILABILITY: Project information available from Soil Conservation Service , Orono, Maine.

FORMAT: Water Management Project Measure.

UNITED STATES DEPARTMENT OF INTERIOR

- U.S. Geologic Survey -
Chief Hydrologist
Geological Survey
Washington, D.C.
20242

- U.S. Geologic Survey -
Regional Hydrologist
State House Annex
Capitol Shopping Center
Augusta, Maine
04330

STUDY: Maine Basic-Data Report, Ground-Water Series.

LAKE/POND: It is felt that a knowledge of groundwater is essential to a better understanding of the limnology of Maine's lakes and ponds, as they are usually directly related.

DATE: Inclusive in information listed below.

PURPOSE:

- 1) To present groundwater data in selected areas of Maine based upon a survey of springs, drilled and dug wells, and test borings. The report contains chemical analyses of groundwater samples in addition to other geologic data (i.e. surficial types, bedrock types). Also contained in the report is a base map showing spring and well locations.
- 2) Areas of separate data reports:
 1. Southwestern area; 1962
 2. Lower Penobscot Basin area; 1964
 3. Lower Androscoggin River Basin area; 1967
 4. Lower Kennebec River Basin area; 1968
 5. Lower Aroostook River Basin area; 1970
 6. Lower St. John River Valley area; 1971
 7. Meduxnekeag River-Prestile Stream area; 1971.

PREPARED BY: United States Department of Interior, U.S. Geologic Survey, Water Resources Branch; Primary investigator, Glenn C. Prescott, Jr.

AVAILABILITY: U.S.G.S. office in Augusta, Maine Geologic Survey, Augusta, and most libraries.

FORMAT: Booklet 8½" x 11" w/folded map.

STUDY: Hydrologic Investigation Atlas.

DATE: Inclusive in information listed below.

PURPOSE:

- 1) Show location and expected yields of surficial aquifers. Also to serve as a reconnaissance surficial geologic map.
- 2) The atlases listed below are numbered such that they may be used respectively with the first four Maine Basic-Data Reports, Ground Water Series (U.S.G.S. Water Resources Branch, Augusta, Maine).
- 3)
 1. Hydrologic Investigation Atlas - #HA-76; 1963
 2. Hydrologic Investigation Atlas - #HA-225; 1966
 3. Hydrologic Investigation Atlas - #HA-285; 1968
 4. Hydrologic Investigation Atlas - #HA-337; 1969.
 5. Hydrologic Investigation Atlas - #HA-443; 1972.

PREPARED BY: U.S. Department of Interior, U.S.G.S., Water Resources Branch;
Primary Investigator, Glenn C. Prescott, Jr.

AVAILABILITY: Maine U.S.G.S. Office in Augusta, Maine Geologic
Survey, Augusta, and most libraries.

FORMAT: Folded map in envelope ($8\frac{1}{2}$ " x 11").

AGENCY REFERENCE: United States Department of Interior; p. 18
NATURE OF REVISION: Study Update
STUDY TITLE AND SUMMARY: Maine Basic-Data Report, Ground Water Series

A new Basic-Data Report has been added as a result of completed work. It is listed here as:

#8 Southern Washington County Area; 1973

AGENCY REFERENCE: United States Department of Interior. pp. 18-19
NATURE OF REVISION: Study Revision
STUDY TITLE AND SUMMARY: Hydrologic Investigation Atlas

Two additional Atlases have been published and added to the original list of Atlases. They are listed here as:

#6 Hydrologic Investigation Atlas - #HA-485; 1973

#7 Hydrologic Investigation Atlas - #HA-486; 1973

Insert

p.-19a

STATE OF MAINE - STATE AGENCIES

Department of Environmental Protection

Department of Forestry

- Maine Geologic Survey

Department of Inland Fisheries and Game

Land Use Regulation Commission

Maine State Planning Office

Department of Parks and Recreation

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

State Education Building
Augusta, Maine 04330

STUDY: Annabessacook Lake Study-Eutrophication and Fertilization
LAKE/POND: Lake Annabessacook, Winthrop, Maine
DATE: September, 1967.
PURPOSE: Identify major sources of nutrients to this lake, to assess the significance of each source, to show algae growth characteristics of Carlton Woolen Mill wastes, and to recommend feasible methods for nutrient control. Lake samples taken: Phosphate (PO_4/L)-ortho, poly, total,, Nitrogen-Kjeldahl, Nitrate, total.. Waste outlet sampling included Phosphate and Nitrogen sampling, temperature, pH, specific gravity, settleable solids, solids (total residue), suspended solids (total), acidity, alkalinity, BOD and turbidity.
PREPARED BY: Maine Water Improvement Commission (Now called Department of Environmental Protection), Augusta, Maine.
AVAILABILITY: Department of Environmental Protection and the Maine State Planning Office.
FORMAT: Technical Report. pp. 18 with tables and maps.

STUDY: Eutrophication Monitoring Project on Maine's Lakes and Ponds.
LAKE/POND: Sebago Lake, Cumberland County; Wards Pond, York County; Kezar Lake, Oxford County; Androscoggin Lake, Androscoggin and Kennebec County; Great Pond, Kennebec County; Long Pond, Kennebec County; Rangeley Lake, Franklin County; Haley Pond, Franklin County; Cold Stream Pond, Penobscot County; Eagle Lake, Hancock County; Long Lake, Aroostook County.
DATE: Monitoring dates: Spring 1970 through Spring 1973.
PURPOSE: To establish baseline data and classify the above lakes and ponds with regard to their trophic levels, then provide reliable information for future planning and responsible decision-making.
PREPARED BY: Matthew Scott, Aquatic Biologist, Department of Environmental Protection.
AVAILABILITY: Matthew Scott, Department of Environmental Protection.
FORMAT: Some material to be published in joint form with Dr. Ronald Davis, U.M.O. Also, individual limnological reports will be made for each body of water being studied. Various technical publications are to be expected from the compilation and summarization of the data. The emphasis will be on aquatic biology.

STUDY: Lake Eutrophication in Central Maine (Final Report).

LAKE/POND: Embden Pond, Great Moose Pond*, Hayden Pond, Somerset County; North Pond, Kennebec and Somerset Counties; Great Pond, Long Pond, Messalonskee Lake, China Lake, Pattee Pond.

DATE: Field work period completion: June, 1970 - May 1973.
Publication date - early in 1974.

PURPOSE: Correlate and inventory data and findings of material gathered during project period to describe the water quality and state of Eutrophication of certain lakes. Will include some work and data compiled for the interim report - Lake Eutrophication in Central Maine, 1971 (Dr. R.B. Davis and Matthew Scott).

PREPARED BY: Matthew Scott, Department of Environmental Protection and Dr. R.B. Davis, University of Maine, Orono, Maine. Project was a joint effort by the University of Maine and the Department of Environmental Protection.

AVAILABILITY: Pending Publication. Majority of data is in a format ready for publication. Information on data or the project may be obtained by contacting Dr. R.B. Davis or Matthew Scott.

FORMAT: Scientific Report.

* Great Moose Pond was tested only for the first two years of the study.

STUDY: Lake Eutrophication in Central Maine. (Interim Report).
- See North Kennebec Regional Planning Commission -

STUDY: Consideration with Respect to the Application of Algicides and other Herbicides to the Aquatic Environment.

LAKE/POND: Application to lakes and ponds in general.

DATE: November 9, 1971.

PURPOSE: Brief overview of the application of algicides and herbicides to the aquatic environment. Presents the problem of excessive algae and plant growths and possible ways to deal with them. Also discusses the side effects and unsolved areas of chemical applications to lakes and ponds.

PREPARED BY: Matthew Scott, Maine Department of Environmental Protection,
Augusta, Maine.

FORMAT: Technical Report.

STUDY: The Significance of Eutrophication in Maine.

LAKE/POND: Reference to lakes and ponds in general.

DATE: October, 1972.

PURPOSE: Briefly describes the significance of cultural eutrophication of
Maine's cold water lakes. Scientific paper presented to the
Atlantic Chapter of the Canadian Society of Wildlife and Fisheries
Biologists, Prince Edward Island, Canada, October, 1972.

PREPARED BY: Matthew Scott, Maine Department of Environmental Protection,
Augusta, Maine.

FORMAT: Technical Report.

STUDY: Protecting Your Lake - A Citizens Guide to the Great Pond Act.

LAKE/POND: Maine Great Ponds (Great Pond is another name for an inland lake
of 10 acres or more, if it is naturally formed, or of 30 acres
or over if it is artificially formed and owned by two or more owners).

DATE: June, 1973.

PURPOSE: Department of Environmental Protection pamphlet explaining the State
of Maine Great Ponds Act and its applicability.

PREPARED BY: Maine Department of Environmental Protection.

AVAILABILITY: Maine Department of Environmental Protection, State
House, Augusta, Maine. 04330

FORMAT: Pamphlet.

STUDY:

Development of Interim Management Standards for Water
Related Land Use in Maine.

LAKE/POND:

Study data will be collected from fifty lakes which to some degree will be representative of the total population of Maine Lakes.

"Selection will be made by mutual consent of the principle investigator and an advisory committee with consideration to the availability of data from various sources."

DATE:

Project period - March 1, 1973 through November 1, 1973.

PURPOSE:

Provide the State of Maine with interim standards for management of lake shorelands through a cursory analysis of certain representative causal parameters of lake water quality degradation.

Basic objectives of the research are:(1) to identify, quantify, compile, and display data on certain significant parameters related to lake water quality; (2) Statistical evaluation of these parameters to develop groupings of lakes in accordance with their similarities; (3) Evaluation of these groupings in accordance with land use management parameters; (4) Develop land use management standards based on the similarities that are obtained in each of these groupings.

PREPARED BY:

Herman C. Sylvester, Research Associate, Environmental Studies Center, University of Maine at Orono; for the Maine Department of Environmental Protection.

AVAILABILITY: Project information available from the Maine Department of Environmental Protection - Bureau of Land Quality Control, or the Environmental Studies Center, 11 Coburn Hall, University of Maine, Orono, Maine.

FORMAT:

Research Project.

AGENCY REFERENCE: Maine Department of Environmental Protection,
Bureau of Water Control. p. 22.

NATURE OF REVISION: Study Update.

STUDY TITLE AND SUMMARY: Eutrophication Monitoring Project on Maine Lakes and Ponds

Study of several of the lakes listed in the project have been completed and individual reports will be published and prepared beginning in July, 1974 through January, 1975. Initial lake reports will be on Sebago Lake, Wards Pond, Kezar Lake, Androscoggin Lake, Great Pond, Long Pond, Cold Stream Pond, and Long Lake. Rangeley Lake, Haley Pond, Eagle Lake and Toma Lake* will be placed in report form towards the end of the above mentioned time frame.

Data emphasis is on aquatic biology and will serve as lake quality background data in developing a management policy for lake classifications and dealing with resource problems. Data collection here was more intensive than that accomplished in the EPA National Eutrophication program.

Reports when published will be available from Matthew Scott, Maine Department of Environmental Protection, Bureau of Water Quality Control.

* Lake added to study.

AGENCY REFERENCE: Maine Department of Environmental Protection,
Bureau of Water Quality Control. p. 23.

NATURE OF REVISION: Study Update

STUDY TITLE AND SUMMARY: Lake Eutrophication in Central Maine.

Project in final completion stage with a publication date set for June 30, 1974. Initial publication is to be in a consolidated form with data and project conclusions. Eventual plans are to produce separate reports on each individual lake tested during the project. Published reports will be available from Matthew Scott, Maine Department of Environmental Protection, Bureau of Water Quality Control.

Additional scientific notes and reports are expected. Data has been computerized and is currently stored in the Computer System at the University of Maine. Eventual plans are being made to also store the project data in the EPA-National Field Storage System. (STORET).

AGENCY REFERENCE: Maine Department of Environmental Protection,
Bureau of Land Quality Control. p. 25

NATURE OF REVISION: Study Completion.

STUDY TITLE AND SUMMARY: Development of Interim Standards for Water Related Land
Use in Maine.

This project by the University of Maine Environmental Studies Center has been completed and is in the final draft stages. A final publication will be written using two draft documents that initially came out of the study as preliminary project reports. These two documents are listed here as:

1. Interim Shoreland Usage Standards for Maine Lakes-
This document lists study conclusions and recommendations towards developing shoreland usage standards by the Department of Environmental Protection.
2. A Quantitative Classification of Maine Lakes - This document presents the methodology used in the research which went into producing the Interim Shoreland Usage Standards for Maine Lakes

Both documents are extremely timely and interesting in that they present a relatively new approach in developing standards for managing Maine Lakes using land use parameters coincident with lakes using land use

parameters coincident with lakes used in the study.* Additional scientific notes and publications are expected from the project research conducted.

Information concerning the project can be obtained by contacting Dr. Wayne Hall, University of Maine, Environmental Studies Center, 11 Coburn Hall, Orono, Maine, or Henry Warren, Bureau of Land Quality Control, Maine Department of Environmental Protection, Augusta, Maine. A tentative publication date for the final project report has been set for Summer, 1974.

- * Work similar in scope is being conducted by the Environmental Studies Center for the State Planning Office's Coastal Planning Group. The primary concentration of the work will be on lakes located in the Coastal Zone Planning Areas.

DEPARTMENT OF FORESTRY

- MAINE GEOLOGICAL SURVEY -

Lower State Street

Marden Building

Augusta, Maine 04330

STUDY: A Preliminary Geologic Map of Maine.
DATE: 1967.
PURPOSE: Presents a survey of bedrock mineralogy, age, extent and structure.
PREPARED BY: Maine Geologic Survey.
AVAILABILITY: Maine Geologic Survey Office, Augusta, Maine
FORMAT: Map: Scale 1:500,000; color, 3½' x 4½'.

STUDY: Bedrock Geologic Map of Maine.
DATE: 1973, continuous and subject to revision.
PURPOSE: Provides most up-to-date bedrock geologic information.
PREPARED BY: Maine Geologic Survey.
AVAILABILITY: Maine Geologic Survey Office, Augusta, Maine.
FORMAT: Map: Scale 1:250,000.

STUDY: Geologic Studies of Various 15' and 7½' Quadrangles and Other Areas in Maine.
DATE: Various publication dates.
PURPOSE: To provide detailed geologic information.
PREPARED BY: Maine Geologic Survey.
AVAILABILITY: Maine Geologic Survey , Augusta, Maine.
FORMAT: Booklets with folded maps and charts.

STUDY: A Preliminary Surficial Geologic Map of Maine.
DATE: Pending - June, 1973.
PURPOSE: Show the physical nature, aerial extent, and the origin of glacial deposits in Maine. This map will not be published, but will be available at the Maine Geologic Survey Office for study.
PREPARED BY: Maine Geological Survey.
FORMAT: Map: Scale 1:250,000, black print.

STUDY: Groundwater Inventory and Investigation.
-Maine State Planning Office, Water Resources Planning Division,
Augusta, Maine-

STUDY: Natural Resource Inventory of Maine Counties.

DATE: Pending.

PURPOSE: Show and describe natural resource information including bedrock geology, groundwater, surface hydrology, and economic geology.
Reports will be published on a county-wide basis.

PREPARED BY: Maine Geologic Survey and Water Resources Planning Division of the State Planning Office.

FORMAT: Report with maps.

STUDY: Publications of the Maine Geologic Survey.

DATE: April, 1972.

PREPARED BY: Forestry Department, Augusta, Maine.

AVAILABILITY: Maine Geologic Survey Office, Augusta, Maine.

FORMAT: Booklet, 3 pps.

AGENCY REFERENCE:

Maine Department of Conservation, Bureau of Geology p.-28. (It should be noted here that the Bureau of Geology is currently in the Department of Conservation)

STUDY REVISION:

Study Update

STUDY TITLE AND SUMMARY:

Natural Resource Inventory of Maine Counties

The Water Resources Planning Unit as of May 1, 1974, will no longer be a participant in this program. All inquiries concerning final documents should be directed to the Bureau of Geology, Department of Conservation, Augusta, Maine.

Insert

p.-28a

DEPARTMENT OF INLAND FISHERIES AND GAME

State Office Building
Augusta, Maine 04330

DEPARTMENT OF INLAND FISHERIES AND GAME

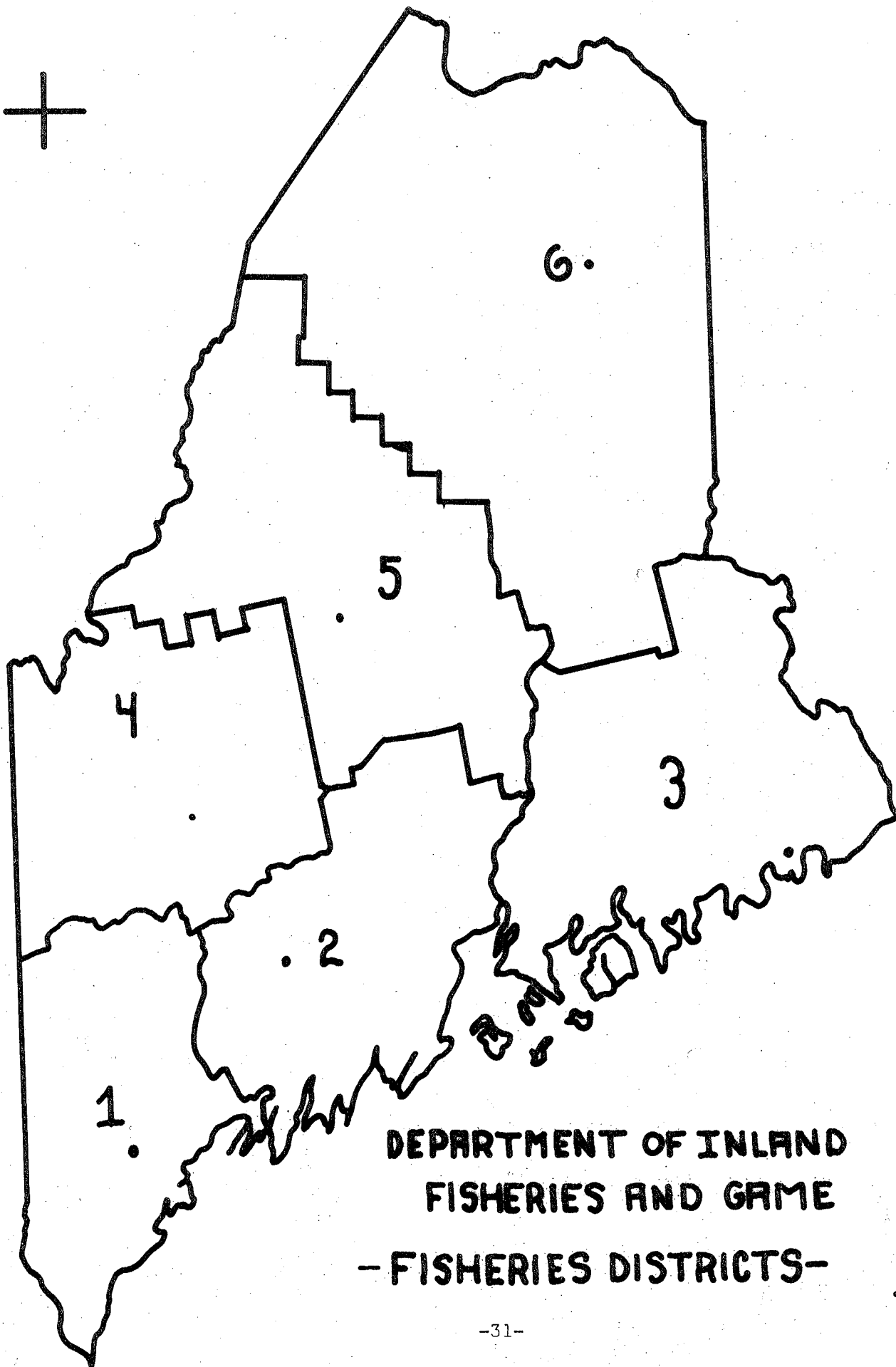
- FISHERIES DISTRICT HEADQUARTERS -

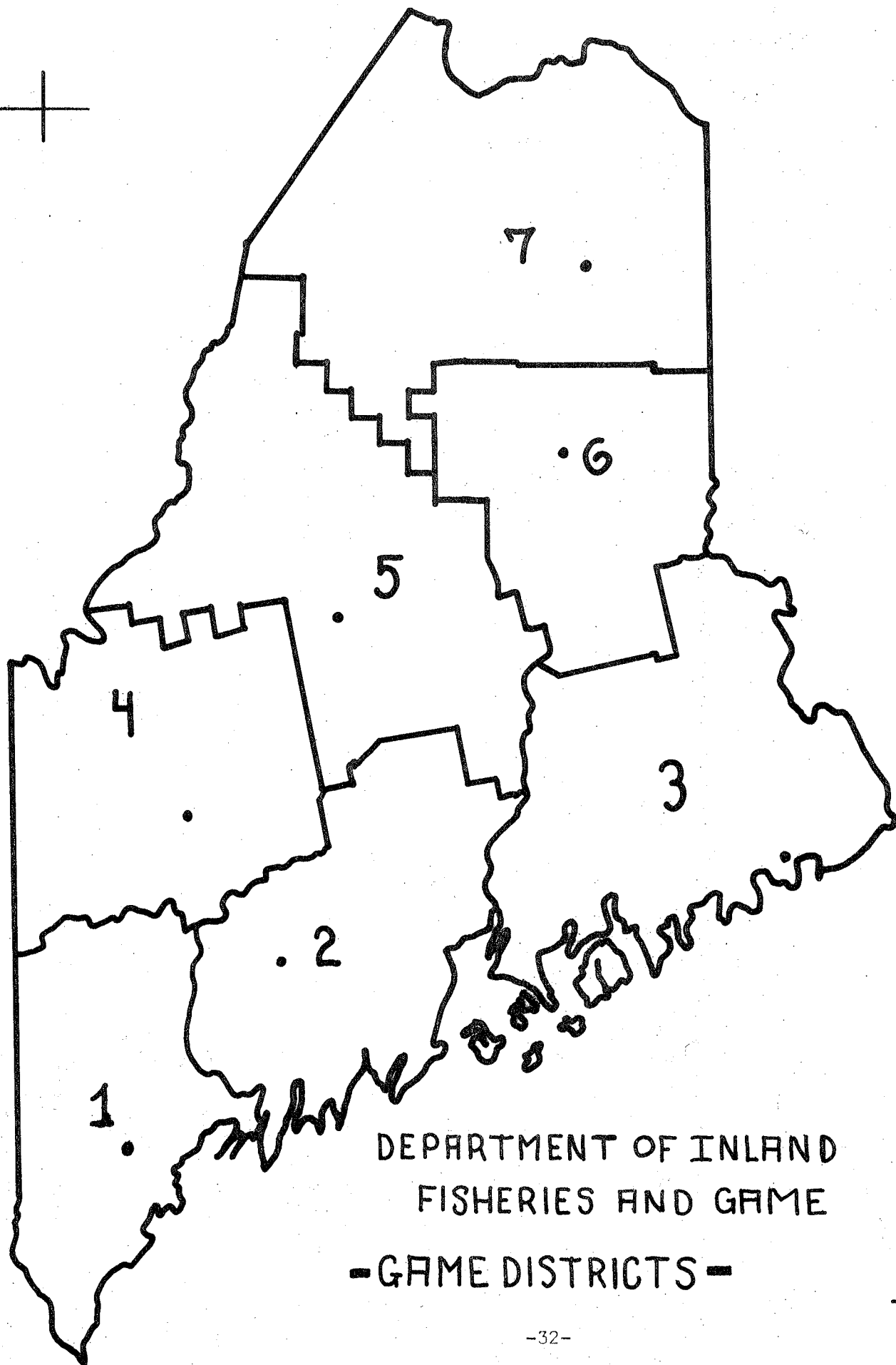
Sebago Region (No. 1)	Gorham, Maine
Belgrade Region (No. 2)	Augusta, Maine
Grand Lake Region (No. 3)	Machias, Maine
Rangeley Region (No. 4)	Farmington, Maine
Moosehead Region (No. 5)	Greenville, Maine
Fish River Lake Region (No. 6)	Ashland, Maine

- GAME DISTRICT HEADQUARTERS -

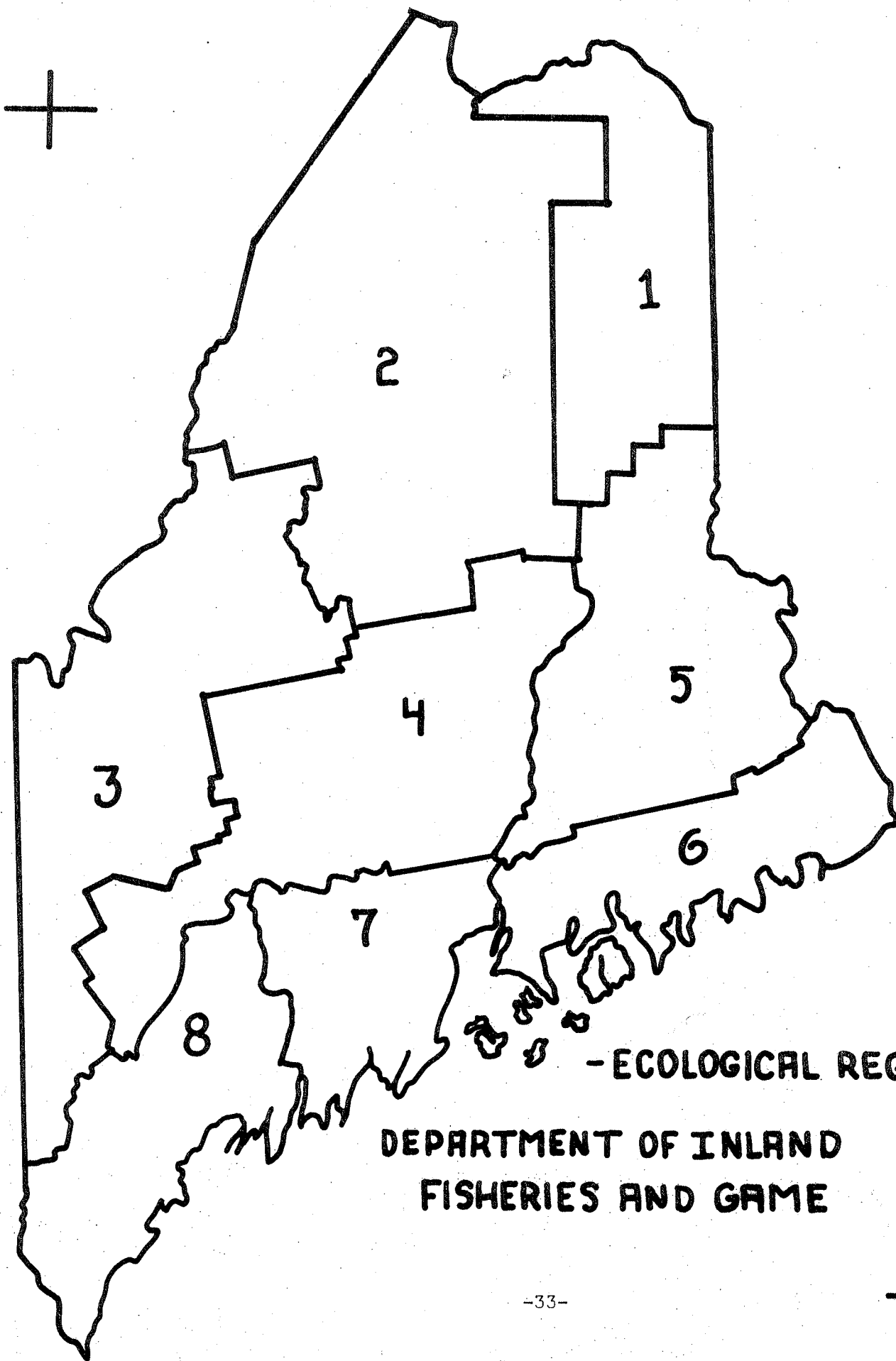
Region No. 1	Gorham, Maine
Region No. 2	Augusta, Maine
Region No. 3	Machias, Maine
Region No. 4	Farmington, Maine
Region No. 5	Greenville, Maine
Region No. 6	Patten, Maine
Region No. 7	Ashland, Maine

- ECOLOGICAL PLANNING REGIONS -



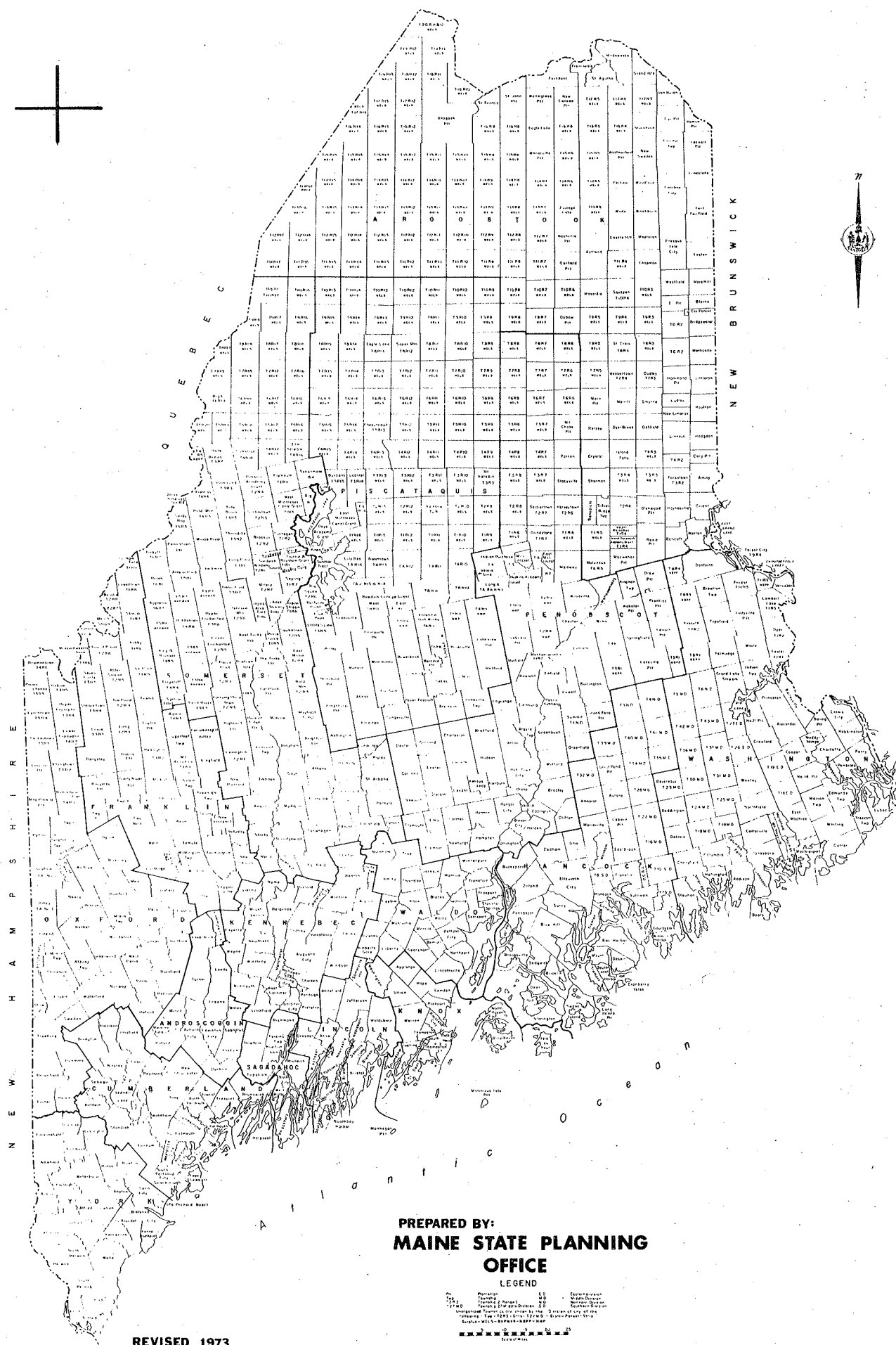


DEPARTMENT OF INLAND
FISHERIES AND GAME
-GAME DISTRICTS-



- ECOLOGICAL REGIONS -

DEPARTMENT OF INLAND
FISHERIES AND GAME



The Lake and Pond Survey program of the Department of Inland Fisheries and Game began primarily with the biological surveys of Dr. Gerald P. Cooper, University of Maine, which were financed by the Department of Inland Fisheries and Game. These studies were conducted from 1937 through 1946. After 1946, the surveys were continued under the supervision of Dr. W. Harry Everhart, and were financed and supported by the Department of Inland Fisheries and Game. Since 1968 these studies have been under the direction of Lyndon H. Bond, Chief, Fishery Research and Management Division, Maine Department of Inland Fisheries and Game.

Lake and Pond survey programs to the present have been concerned more with fish management data input than with pure water quality work. Exceptions to this would be some of the Gerald P. Cooper studies, some of the Dingell-Johnson projects, and the recent eutrophication monitoring program (1972). However, it is felt that with the initiation of the eutrophication monitoring program by the Department of Inland Fisheries and Game, there will be a more concerted effort to obtain water quality data.

All information collected to date by the Department of Inland Fisheries and Game, of a general or specific nature which deals with Maine Lakes and Ponds, has been stored in the Maine Information Display Analysis System (MIDAS). This information should be available for retrieval in the near future.

GENERAL STUDY: Gerald P. Cooper Studies.

The purpose of the following studies was to aid in the formulation of a stocking policy in each of the survey areas. Fish Survey Report No. 1 was the first survey completed and was relatively general in its findings compared to reports No. 2 through No. 7.

Information presented in the survey includes: the vertical distribution of temperature, oxygen, pH one or more times in the late or middle summer, bottom soil sampling, bottom food organisms, and the abundance of plankton. Fish population, size, and growth were of primary concern in each survey.

Maps are presented of each lake or pond surveyed showing sounding depths, and sampling points. Also presented with each lake or pond map is a cross section diagram of late summer lake suitability (in terms of oxygen content and temperature) for trout and salmon.

PREPARATION OF STUDIES:

Reports No. 1 through No. 5 were prepared by Gerald P. Cooper, University of Maine. Report No. 6 was prepared by Gerald P. Cooper, University of Maine and John L. Fuller, University of Maine. Report No. 7 was prepared by John L. Fuller, University of Maine and Gerald P. Cooper, Institute for Fisheries Research, Ann Arbor, Michigan. The studies were all funded by the Department of Inland Fisheries and Game.

AVAILABILITY: University of Maine, Folger Library Special Collections, the Maine State Library, Augusta, Maine and the Department of Inland Fisheries and Game, Augusta, Maine.

STUDY: A Biological Survey of the Waters of York County and the Southern Part of Cumberland County, Maine.

LAKE/POND: Bunganut Pond, Mousam Pond, Deer Pond, Lone Pond, Sand Pond, Granny Kent Pond, Sabbathday Lake.

DATE: Publication date - 1939. Field work - June 10, 1937 through September 10, 1937.

PURPOSE: Formulation of a stocking policy for lakes and streams in the survey area and to provide information for other fish management studies. Sampling work involved checking the vertical distribution of temperature, oxygen and pH. A large part of the study was devoted to fish population, size and growth. The only lake map is of Lone Pond and it shows depth readings and the location of experimental stations.

FORMAT: Lake Survey Report No. 1.

STUDY: A Biological Survey of Thirty-One Lakes and Ponds of the Upper Saco River and Sebago Lake Drainage Systems in Maine.

LAKE/POND: Stanley Pond, Trafton Pond, Barker Pond, Granger Pond, Moose Pond, Beaver Pond, Burnt Meadow Pond, Long Pond, Kezar Lake, Sebago Lake, Peabody Pond, Trickey Pond, Adams Pond, Long Lake, Wood Pond, Highland Lake, Stearns Pond, Moose Pond, Bear Pond, Keoka Lake, Crystal Lake or Anonymous Pond, Pleasant Lake, Long Pond or McWain Pond, Hutchinson Pond, Thomas Pond, Panther Pond, Rattlesnake Pond, Coffee Pond, Lily Pond/Deer Isle, Georges Pond/Stonington, Quimby Pond/Rangeley.

DATE: 1939. Field work done in summer of 1938.

FORMAT: Fish Survey Report No. 2.

STUDY: A Biological Survey of the Rangeley Lakes, with Special Reference to the Trout and Salmon.

LAKE/POND: Richardson Lakes, Mooselookmegunticook Lake, Cupsuptic Lake, Rangeley Lake, Aziscohos Lake, Kennebago Lake, Horseshoe Pond/T8 R10.

DATE: November 7, 1940. Field work conducted July, 1937 through the middle of September, 1937.

FORMAT: Fish Survey Report No. 3.

STUDY: A Biological Survey of Lakes and Ponds in the Androscoggin and Kennebec River Drainage Systems in Maine.

LAKE/POND: Sabattus Pond, Taylor Pond, Lower Range Pond, Middle Range Pond, Upper Range Pond, Hogan Pond, Whitney Pond, Tripp Pond, Thompson Lake, Pennesseewassee Lake, Twitchell Pond, Bryant Pond (or Christopher Lake), Auburn Lake, Allen Pond, Pleasant Pond, Androscoggin Lake, Pocasset Lake, Lovejoy Pond, Echo Lake (or Crotched Pond), Parker Pond, David Pond, Tilton Pond, Flying Pond, Worthley Pond,

LAKE/POND: (continued)

Webb Lake, Silver Lake (or Roxbury Pond), Garland Pond (or Little Ellis), North Pond, South Pond, Purgatory Pond, Sand Pond, Cobbosseecontee Lake, Annabessacook Lake, Cochnewagen Pond, Wilson Pond, Dexter Pond, Berry Pond, Maranacook Lake, Torsey Pond (or Greeley Pond), Narrows Pond, Snow Pond (Messalonskee Lake), Long Pond of Belgrades, Great Pond of Belgrades, East Pond of Belgrades, Salmon Lake, McGrath Pond, Clearwater Pond, Wilson Pond, Sandy Pond, Embden Pond and Anasagunticook Lake.

DATE: December 10, 1941. Field Survey June 15, 1940 through September 15, 1940.

FORMAT: Fish Survey Report No. 4.

STUDY: A Biological Survey of Lakes and Ponds Of the Central Coastal Area of Maine.

LAKE/POND: Nequasset Pond, Gardiner Pond, Togus Pond, Little Togus Pond, Three Cornered Pond, Weber Pond, Spectacle Pond, Dam Pond, Tolman Pond, Three Mile Pond, China Lake, Pattee Pond, Lovejoy Pond, Dutton Pond, Unity Pond, Sandy Pond (or Freedom Pond), Dyer Long Pond, Pleasant Pond (or Clary Lake), Branch Pond, Long Pond, Turner Pond, Sheepscot Pond, West Harbor Pond, Damariscotta Pond, Damariscotta Lake, Boyd Pond, Biscay Pond, Pemaquid Pond, Muddy Pond, Duckpuddle Pond, McCurdy Pond, Webber Pond, Medomak Pond, Washington Pond, Chickawaukie Pond, Mirror Lake (or Oyster River Pond), North Pond, South Pond, Seven Tree Pond, Round Pond, Crawford Pond, Lermond Pond, Stevens Pond, Alford Lake, Fish Pond, Hobbs Pond, Sennebec Pond, Quantabacook Pond, St. George Lake, Megunticook Lake, Norton Pond, Pilcher Pond, Knight Pond, Tilden Pond, Cross Pond, Mixer Pond, Sanborn Pond, Dutton Pond, Passagassawaukeag Lake (or Randall Pond), Swan Lake, Toddy Pond.

DATE: December 10, 1942. Field Study - June 15, 1941 to September 15, 1941.

FORMAT: Fish Survey Report No. 5.

STUDY: A Biological Survey of Moosehead Lake and Haymock Lake, Maine.
LAKE/POND: Moosehead Lake; Haymock Lake.
DATE: June, 1945.
FORMAT: Fish Survey Report No. 6.

STUDY: A Biological Survey of the Lakes and Ponds of Mount Desert Island and the Union and Lower Penobscot River Drainage System.
LAKE/POND: Pierce Pond, Walker Pond, Williams Pond, Alamoosook Lake, Hancock Pond, Long Pond/Bucksport, Phillips Lake (or Lake Lucerne), Moulton Pond, Craig Pond, Toddy Pond, Heart Pond, Sweets Pond, Fields Pond, Brewer Pond, Chemo Pond, Parks Pond, Fitts Pond, Davis Pond, Holbrook Pond, First Pond (or Woods Pond), Fourth Pond, Lower Patten Pond, Upper Patten Pond, Simmons Pond, Branch Lake, Rocky Pond/Orland, Harriman Pond, Graham Lake, Green Lake, Goose Pond, Rocky Pond/Otis, Mountain Pond, Hatcase Pond, Burnt Pond/Otis, Beech Hill Pond, Young's Pond, Lower Springy Pond (or Grassy Pond), Floods Pond, Burnt Pond (Otis, Dedham, Clifton), Webb Pond, Molasses Pond, Abrams Pond, Georges Pond, Lower and Middle Lead Mountain Pond, Upper Lead Mountain Pond, Debec Pond, Great Pond, Rift Pond, King Pond, Long Pond (Plantation 33 and Aurora), Seal Cove Pond, Echo Lake, Somes Pond, Long Pond (or Great Pond)/Mount Desert and south-West Harbor, Upper Hadlock Pond, Jordan Pond, Eagle Lake, Bubble Pond.
DATE: June, 1946. Field work completed summer, 1942.
FORMAT: Fish Survey Report No. 7.

STUDY: Wetlands Inventory.

LAKE/POND: Lakes, Ponds, and Wetlands in existing files of the Department of Inland Fisheries and Game.

DATE: Project continuous from 1961 to present; subject to updating and revision.

PURPOSE: Wetlands Inventory consists of three distinct areas:

A. Game Division Wetlands Inventory Unit Index Map.

This map shows the major river basins or wetland areas in the State of Maine. It visually indexes them on a minor civil division map (scale:1:5,000,000). Map prepared in 1968 by the Department of Inland Fisheries and Game; revised by State Planning Office, Water Resources Planning Division - 1972. Copies available from the State Planning Office, Augusta, Maine.

B. Wetlands Watershed Maps.

Individual Wetland Watershed Maps show the wetlands contained in a major watershed area. The maps are a black and white printout on a 1":2 mile scale. The maps were prepared by members of the Department of Inland Fisheries and Game in conjunction with the James Sewall Company. Individual watershed maps are available from James Sewall Company, Old Town, Maine.

C. MIDAS Wetland File.

The Department of Inland Fisheries and Game has taken Wetlands Survey information and stored it in the Maine Information Display Analysis System. The information is useful for game management, planning and development districts and Regional Planning Commissions. The computer printout information includes: Wetland number, Watershed number, Wetland type-(14 types), Existing Wetland value (high, medium, low values of breeding waterfowl), Potential Wetlands value (high, medium low values for breeding waterfowl), acreage of Wetland area.

AVAILABILITY: Maine's Regional Planning Commissions will have watershed maps for those watersheds which contain organized areas. They will also have MIDAS data printouts for all organized areas within their respective regional planning boundaries. The Department of Inland Fisheries and Game and the State Planning Office will have a complete set of Wetlands Watershed Maps and MIDAS Wetland printouts for the State of Maine.

FORMAT: Maps. Data Printout.

STUDY: County Water Resource Inventories.

The following reports are a series of inventories prepared by the Department of Inland Fisheries and Game on the water resources of several Maine Counties. The purpose of each report is to inventory the physical and cultural characteristics of each county's lakes, ponds, and stream resources. Information given includes: township, lake or pond name, surface area of lake or pond, volume in acre-feet, name of drainage, recreational or industrial usage, and fish management water type. A final appendix or table in each study contains stream and river resource information.

AVAILABILITY: Department of Inland Fisheries and Game, Fisheries Research Division, State House, Augusta, Maine; State Planning Office, Water Resources Planning Division, Augusta, Maine.

STUDY: Water Resources of Waldo County

DATE: April, 1964.

FORMAT: Inventory, pp. 6.

STUDY: Water Resources of Washington County

DATE: 1963.

FORMAT: Inventory, pp. 13.

STUDY: Water Resources of Aroostook County
DATE: 1965
FORMAT: Inventory, pp. 20.

STUDY: Water Resources of Hancock County
DATE: 1964
FORMAT: Inventory, pp. 14.

STUDY: Water Resources of Knox, Lincoln and Sagadahoc Counties
DATE: 1965
FORMAT: Inventory, pp. 9.

STUDY: Summary of Pond Reclamation in Maine through 1971.
DATE: 1971.
PREPARED BY: Department of Inland Fisheries and Game.
AVAILABILITY: Department of Inland Fisheries and Game.
FORMAT: Inventory list.

STUDY: Maine Lakes - A Sportsman's Inventory
DATE: 1971.
PURPOSE: To serve as a sportsman's guide for Maine Lakes and to aid in understanding the Fisheries Management Program of the Department of Inland Fisheries and Game. Published individual lake surveys which the Maine Lakes - A Sportsman's Inventory serves as an index to provide the following general information: Fish species found in the lake,

PURPOSE: (continued)

lake size (acres), maximum depth, surface and bottom temperatures, and fish management recommendations. Also furnished in the lake survey is a complete depth profile of the lake.

PREPARED BY: Department of Inland Fisheries and Game.

AVAILABILITY: Department of Inland Fisheries and Game. Surveys must be ordered by number, name of lake and county as listed in Maine Lakes - A Sportsman's Inventory.

FORMAT: Inventory Report.

STUDY: Publications Catalogue.

DATE: 1972, revised each year.

PURPOSE: List wildlife studies of the Department of Inland Fisheries and Game. Also listed are reprints from the Maine Fish and Game Magazine. Information that is given in the reports and reprints varies from general and descriptive to scientific investigations.

PREPARED BY: Department of Inland Fisheries and Game.

AVAILABILITY: Department of Inland Fisheries and Game.

FORMAT: Catalogue.

STUDY: Planning Document Number III - Significant Relationships of Land and Lakes area in Maine.

DATE: Report pending; possibly 1973.

PURPOSE: This study brings together information currently available, about the land and water area in Maine. The data has been collected on a minor civil division basis and is summarized in relation to the eight Ecological Regions (Biological Zones) developed by Dr. Frederick Gilbert, Big Game Project Leader, as accepted by the Maine Department of Inland Fisheries and Game in 1969.

PREPARED BY: Maine Department of Inland Fisheries and Game and the Maine Department of Sea and Shore Fisheries.

FORMAT: Pending final publication.

DINGELL-JOHNSON FEDERAL AID PROJECTS

The Dingell-Johnson Federal Aid Projects are a series of studies conducted by the Fisheries Research and Management Division of the Department of Inland Fisheries and Game. The projects are applied research aimed at investigating and improving fish management in Maine's inland waters. Water quality investigations in the project work were carried out but, except in a few cases, were of secondary importance. It was decided to include a large number of the projects in the inventory to show the extent, range, and direction of limnological work presently being done in the Department of Inland Fisheries and Game.

The following is a selective list and does not include all completed or pending Dingell-Johnson projects.

Scientific Publications which resulted from work done on the Dingell-Johnson Projects or other projects are included in this section of the inventory also.

AVAILABILITY: Working reports and completion reports on each Federal Aid Project are kept at the Fisheries Research and Management Division of the Department of Inland Fisheries and Game. Copies of scientific publications are available from the Department of Inland Fisheries and Game as well as from those magazines and journals in which they were published.

STUDY: An Investigation of the Fisheries of Mount Desert Island.
 Report No. F-2-R.

LAKE/POND: Long Pond & Echo Lake.

DATE: June 19, 1952.

PURPOSE: Investigation of natural and stocked fish populations through creel censuses during winter and open water fishing seasons. Also includes data for the re-establishment of a former alewife fishery.

FORMAT: Project Report.

STUDY: Investigation of Eastern Brook Trout and Landlocked Salmon
in Cold Stream Watershed, Penobscot County. Project No. F-5-R.

LAKE/POND: Cold Stream Ponds.

DATE: 1951.

PURPOSE: To determine the extent of loss of desirable game species in lakes not allowing free migration of Eastern brook trout and landlocked salmon in the outlet stream. Project focuses closely around these two species migration patterns and factors affecting population growth.

FORMAT: Project Report.

STUDY: An Ice Fishing Creel Census on a Heavily Fished Trout and Salmon Lake.
Report No. F-7-R.

LAKE/POND: Branch Lake, Ellsworth, Maine.

DATE: 1952.

PURPOSE: To provide information on the effects of ice fishing on populations of salmon and trout.

FORMAT: Project Report.

STUDY: Age and Growth of Smelt in Maine Inland Waters. Report No. F-10-R.

LAKE/POND: Various lakes and ponds.

DATE: 1968.

PURPOSE: Check different areas in Maine for varying smelt growth rates, to determine average age span, to determine age at maturity and investigate spawning migration factors and habits.

FORMAT: Project Report.

STUDY: An Investigation of Landlocked Salmon in the Fish River Chain of Lakes, Aroostook County. Report No. F-11-R.

LAKE/POND: Fish River Chain of Lakes.

DATE: 1964.

PURPOSE: Gather necessary information on the life history, reproduction, migration, age and growth, and survival of hatchery fish plants.

FORMAT: Project Report.

STUDY: A Study of Lake Trout in Thompson Lake. Report No. F-13-R.

LAKE/POND: Thompson Lake, Oxford County.

DATE: 1959.

PURPOSE: Prior to establishing a state-wide trout management program it was felt information from a Southern Maine lake should be obtained. Results of this project and those of the Cold Stream Pond investigation will be compared and analysed to determine the feasibility of a state-wide trout program.

FORMAT: Project Report.

STUDY: Trout Pond Management Investigations. Report No. F-16-R.

LAKE/POND: Remote trout ponds.

DATE: Pending.

PURPOSE: Seek appropriate methods for managing natural trout ponds to maintain satisfactory fishing quality on a sustained basis.

FORMAT: Project Report.

STUDY: A Study of Salmon in Sebago Lake. Report No. F-17-R.

LAKE/POND: Sebago Lake.

DATE: Pending.

PURPOSE: Population, migration and survival studies of the Salmon in Sebago lake and its inlets and outlets.

FORMAT: Project Report.

STUDY: Maine Water Quality Investigations. Report No. F-19-R.
LAKE/POND: Various lakes and ponds.
DATE: Project period-January 1, 1964 through June 30, 1968.
PURPOSE: The project is divided into two areas: 1) gathering information concerning the chemistry of waters considered by fishery division personnel to be among the best in Maine in-so-far as their ability to support populations of game fish is concerned; 2) to determine whether or not distinct areas of differing water chemistry occur in Maine, to delineate such areas in-so-far as possible, and to make relevant biological correlations. Factors sampled were pH, dissolved oxygen, total alkalinity (CaCO_3), calcium, magnesium, total iron, copper, orthophosphate, ammonia nitrogen, nitrate nitrogen, nitrite nitrogen, sulfate, and chloride (date sampled and depth sampled inclusive).
FORMAT: Project Report.

STUDY: Moosehead Lake Study. Report No. F-22-R.
LAKE/POND: Moosehead Lake, Greenville, Maine.
DATE: Pending.
PURPOSE: Determination of the physical, chemical and biological characteristics of Moosehead Lake and the immediate tributaries. To study various fish species success in reproduction, the contribution of hatcheries to the lake populations and the effect of fishing upon lake population. Also the project will attempt to determine the effects of water used for log driving, hydroelectric power generation, determine the effects of pesticide usage, and the effects of stream restoration and controlled flows.
FORMAT: Project Report.

STUDY: Maine Forage Crustacean Study. Report No. F-23-R.
LAKE/POND: Reference to Inland Waters in general.
DATE: Pending.
PURPOSE: To determine the value of the crustacean (crayfish, amphipods, isopods, mysids) as a fish forage food. To determine effective stocking, collecting and transporting techniques. To evaluate the biological success of crustacean transplants, their effects on fish population, and the general ecology of recipient waters.
FORMAT: Project Report.

STUDY: Maine Sunapee Trout Project. Report No. F-26-R.
LAKE/POND: Floods Pond, Otis Township, Maine.
DATE: Pending.
PURPOSE: To provide basic life history and ecology information on the Sunapee Trout. To evaluate introductions of Sunapee Trout into waters similar to those of Floods Pond.
FORMAT: Project Report.

STUDY: Variation in the Life History of the American Smelt in Inland Water of Maine.
LAKE/POND: 114 Maine Lakes in 1958, two Maine Lakes prior to 1958.
DATE: 1959.
PURPOSE: To investigate the biological variations of the smelt in Maine inland waters. One of the areas investigated is the physical and faunal characteristics of the waters which the smelt inhabit.
PREPARED BY: Robert S. Rupp, Department of Inland Fishery and Game. Financing in part provided by Federal Aid under Maine Project F-10-R.
FORMAT: Scientific Report: Transactions of the American Fisheries Society. Vol. 88, 1959.

STUDY: Effects of DDT Spraying for Forest Insects on Maine Trout Streams.
LAKE/POND: For use as an applied research source to Lakes and Ponds in general.
DATE: January, 1962.
PURPOSE: To determine the effects of DDT upon Maine trout streams, when sprayed on forests to control the spruce budworm.
PREPARED BY: Kendall Warner and Owen C. Fenderson, Maine Department of Inland Fisheries and Game. Financing in part provided by Federal Aid under Maine Project F-8-R.
FORMAT: Scientific Report: The Journal of Wildlife Management.
Vol. 26, No. 1, January, 1962. pp. 86-93.

STUDY: Standing Crops of Fishes in Three Small Lakes Compared with C¹⁴ Estimates of Net Primary Productivity.
LAKE/POND: Shagg Lake, Oxford County; Coleback Lake, Washington County; Hills Lake, Franklin County.
DATE: January, 1965.
PURPOSE: "...to present the numbers, weights, and species compositions of the fish population of three potential trout lakes in Maine, and to compare the total standing crops with the net primary productivities of the lakes estimated by the C¹⁴ method. Also described are a method for evaluating the standing crops of fishes in small lakes following complete kill with Rotenone, and a limitation of the C¹⁴ method for estimating primary productivity of the very soft inland waters of Maine".
PREPARED BY: Robert S. Rupp and Stuart E. DeRoche, Maine Department of Inland Fisheries and Game, Orono, Maine and Gorham, Maine.
FORMAT: Scientific Report: Transactions of the American Fisheries Society.
Vol. 94, No. 1, January, 1965, pp. 9-25.

STUDY: Effects of DDT upon Salmon from Schoodic Lake, Maine.
LAKE/POND: Schoodic Lake, Washington County.
DATE: October, 1972.

PURPOSE: To determine the effect of DDT as a cause of high mortality in salmon eggs and fry. Schoodic Lake was chosen because of the intensity of pesticide use in the blueberry fields surrounding it.

PREPARED BY: David O. Locke and Keith Havey, Maine Department of Inland Fisheries and Game.

FORMAT: Scientific Report. Transactions of the American Fisheries Society. Vol. 101, No. 4, October, 1972. pp. 638-643.

STUDY: Food Interrelationships of Salmon, Trout, Alewives and Smelts in a Maine Lake.

LAKE/POND: Echo Lake, Mt. Desert Island, Hancock County, Maine.

DATE: October, 1969.

PURPOSE: To examine the food interrelationships among several species of fish in a Maine Lake.

PREPARED BY: Robert T. Lackey, Department of Fishery and Wildlife Biology, Colorado State University, Fort Collins, Colorado. 80521. Part of a study supported by the Maine Department of Inland Fisheries and Game.

FORMAT: Scientific Report. Transactions of the American Fisheries Society. Vol. 98, No. 4, October, 1969. pp. 641-646.

STUDY: An Analysis of Variation of Insecticide Residues in Landlocked Atlantic Salmon (Salmo Salar).

LAKE/POND: Sebago Lake, Cumberland County, Maine.

DATE: November 1, 1970.

PURPOSE: Due to the high variation in yearly samples of insecticide residues in landlocked salmon from Sebago Lake, Maine, a study was initiated to evaluate sampling methods and investigate the causes of variation. Factors checked for were DDT, DDE, DDD, and Dieldrin.

PREPARED BY: Richard B. Anderson and Owen C. Fenderson, Maine Department of Inland Fisheries and Game. Financing was supported in part by Federal Aid under Maine Project F-17-R.

FORMAT: Scientific Report. Journal Fisheries Research Board of Canada. Vol. 27, No. 1, 1970.

STUDY: Concentrations of DDT in Landlocked Salmon (Salmo Salar) at Sebago Lake, Maine.

LAKE/POND: Sebago Lake, Maine.

DATE: April, 1966.

PURPOSE: To investigate the decline of sport fishery for landlocked salmon in relation to the application of DDT to control human insect pests around the shores of Sebago Lake, Maine. In addition to measuring DDT concentrations, DDE assays were also made.

PREPARED BY: Richard B. Anderson and W. Harry Everhart, Maine Department of Inland Fisheries and Game. Financing supported in part by Federal Aid under Maine Project F-17-R.

FORMAT: Scientific Report. Transactions of the American Fisheries Society. Vol. 95, No. 2, April, 1966. pp. 160-164.

STUDY: The Effects of a Low-Dosage Application of Antimycin A on Several Species of Fish in Crater Pond, Aroostook County, Maine.

LAKE/POND: Crater Pond, Aroostook County, Maine

DATE: October, 1968.

PURPOSE: To compare the effects of low-dosage applications of Antimycin in Lake and pond reclamation, to the effects of applications of five percent emulsifiable rotenone.

PREPARED BY: Robert E. Foye, Maine Department of Inland Fisheries and Game. Financing supported in part by Federal aid under Maine Project F-12-R.

FORMAT: Scientific Report. The Progressive Fish-Culturalist. Vol. 30, No. 4, October, 1968.

STUDY: Landlocked Salmon (Salmo Salar) - Its Life History and Management in Maine.

LAKE/POND: General and specific reference to Maine lakes and ponds.

DATE: 1970.

PURPOSE: Summarize the status of landlocked salmon in Maine. This is done by summarizing past research and data, pointing out future needs in research, and outline approaches to future salmon management. Quantitative and qualitative analysis of many lakes and ponds in terms of their ability to support the landlocked salmon.

PREPARED BY: Keith A. Havey and Kendall Warner, Maine Department of Inland Fisheries and Game in conjunction with the Sport Fishing Institute, Washington, D.C. This work was partly financed by Federal Aid under Maine Projects F-2-R, F-5-R, F-8-R, F-11-R, F-14-R, and F-17-R.

FORMAT: Fish Management Report; 129 pp.

STUDY: Surface Chloride Distribution in Maine Lakes.

LAKE/POND: 126 bodies of water throughout Maine.

DATE: Data collected 1962-1966.

PURPOSE: To determine trends in statewide lake chlorinates. Highest chloride values are in coastal lakes, with some inland anomalies.

PREPARED BY: D.F. Mairs, Maine Department of Inland Fisheries and Game. Financing supported in part by Federal Aid under Maine Project F-19-R.

FORMAT: Scientific Report. Water Resources Research Vol. 3, No. 4, Fourth Quarter, 1967.

STUDY: Observations on the Life History of Crangonox Richmondensis Nichmondensis Ellis.

LAKE/POND: Wales Pond, Hollis, Maine.

DATE: Data collected: 1967-1969; publication date: January, 1970.

PURPOSE: To determine the life history of an amphoid being considered for transplantation as trout forage. This was accomplished in some detail.

PREPARED BY: D.F. Mairs, Maine Department of Inland Fish and Game. Financing supported in part by Federal Aid under Maine Project F-23-R.

FORMAT: Scientific Report: The American Midland Naturalist. Vol. 83, No. 1, January, 1970. pp. 315-318.

STUDY: A Total Alkalinity Atlas for Maine Lake Waters.

LAKE/POND: 381 bodies of water throughout Maine.

DATE: Data collected: 1962-1965; published: January, 1966.

PURPOSE: To determine trends in statewide lake alkalinities. Most Maine lakes are soft, but several relatively small hard water zones were defined.

PREPARED BY: D.F. Mairs and other personnel of the Maine Department of Inland Fisheries and Game. Financing supported in part by Federal Aid under Maine Project F-19-R.

FORMAT: Scientific Report: Limnology and Oceanography. Vol. 11, No. 1, January, 1966. pp. 68-72.

STUDY: Eutrophication Monitoring.

LAKE/POND: AROOSTOOK REGION: Monitored by the Department of Inland Fisheries and Game: Cross Lake, Drews Lake, Eagle Lake, Madawaska Lake, Mattawamkeag Lake, Nickerson Lake, Pleasant Pond, Portage Lake, Shin Ponds, Trafton Lake, Allagash Lake. Monitored by the Department of Environmental Protection: Long Lake.

BELGRADE REGION: Monitored by the Department of Inland Fisheries and Game: Minnehonk Lake, Wassookeag Lake, Flying Pond, Narrows Pond (Upper and Lower), Sheepscot Lake, Androscoggin Lake, Echo Lake, Parker Lake, Silver Lake, Alford Lake, Megunticook Lake,

LAKE/POND: (continued)

BELGRADE REGION: (continued)

Damariscotta Lake, Nequasset Lake, St. George Lake, Swan Lake, Salmon Lake, Togus Pond, Webber Pond, Wilson Pond, Crawford Pond, Sennebec Pond, Pemaquid Lake.

Monitored by the Department of Environmental Protection: Long Pond*, Great Pond*. Monitored by the University of Maine, Orono: North Pond, Messalonskee Lake*, Pattee Pond, China Lake*, Great Moose Lake*, Lake George, Pushaw Pond, Sebasticook Lake, Annabessacook Lake, Cobbosseecontee Lake*, Maranacook Lake*. Monitored by Bates College: Sabattus Pond. Monitored by Unity College: Unity Pond*, Carlton Pond.

GRAND LAKES REGION: Monitored by the Department of Inland Fisheries and Game: Phillips Lake, Branch Lake, Beech Hill Pond, Schoodic Lake, Love Lake, Alamoosook Lake, Tunk Lake, Jordan Pond, Eagle Lake, Floods Pond. Monitored by the Department of Environmental Protection: Cold Stream Pond. Monitored by the University of Maine, Orono: Madagascal Lake, Parks Pond.

SEBAGO REGION: Monitored by the Department of Inland Fisheries and Game: Auburn Lake, Taylor Pond, Worthley Pond, Coffee Pond, Hancock-Sands Pond, Moose Pond, Panther Pond, Peabody Pond, Pleasant Pond, Raymond Pond, Trickey Pond, Bickford Pond, Colcord Pond, Broken Bridge Pond, Bryant Pond, Crocker Pond, Long Pond, Pennesseewassee Lake, South Pond, Bonney Eagle Lake, Deer Pond, El Pond, Great East Lake, Kennebunk Pond, Little Ossipee Lake, Lone Pond, Long Pond, Square Lake, Wilson Lake. Monitored by the Department of Environmental Protection: Sebago Lake, Kezar Lake, Wards Pond. Monitored by Bates College: Tripp Lake*, Sabbathday Lake, Thompson Lake*, Range Ponds*, Long Lake*, Brandy Pond, Crystal Lake, Highland Lake. Monitored by Nason College: Kezar Lake, Mousam Lake*, Estes Lake.

LAKE/POND: (continued)

MOOSEHEAD REGION: Monitored by the Department of Inland Fisheries and Game: Wilson Pond, Whetstone Pond, Sebec Lake, Schoodic Lake, Monson Pond, Moosehead Lake, Hebron Lake.

RANGELEY REGION: Monitored by the Department of Inland Fisheries and Game: Toothaker Pond, Clearwater Pond, Porter Lake, Quimby Pond, Roxbury Pond. Monitored by the Department of Environmental Protection: Haley Pond, Rangeley Lake, Hayden Lake*, Embden Pond.

DATE: Project initiation - 1972. Survey continuous.

PURPOSE: The lakes listed above by Fisheries Regions will be monitored for water quality as time and personnel permit during the summer of 1971, and annually or bi-annually in the future. Also listed are a number of lakes which will be monitored by other agencies. Some of these lakes were originally scheduled for monitoring by the Department but probably will not be sampled this year to avoid duplication of effort. These have been marked by an asterisk. It is hoped that water quality data collected by these other agencies will be made available to the Department for inclusion in the MIDAS computer data bank at Augusta. One vertical profile will be obtained in the deepest part of the lake during the month of August. The following parameters will be measured: depth, transparency (secchi disc), air and water temperature, conductivity, outlet discharge (when obtainable), dissolved oxygen, pH, and alkalinity. Other parameters that will be recorded by qualitative classifications will include: weather conditions, water level and water color.

PREPARED BY: Department of Inland Fisheries and Game, Fishery Division.

FORMAT: Where collected, data will be placed on key sort cards for computer (MIDAS) bank.

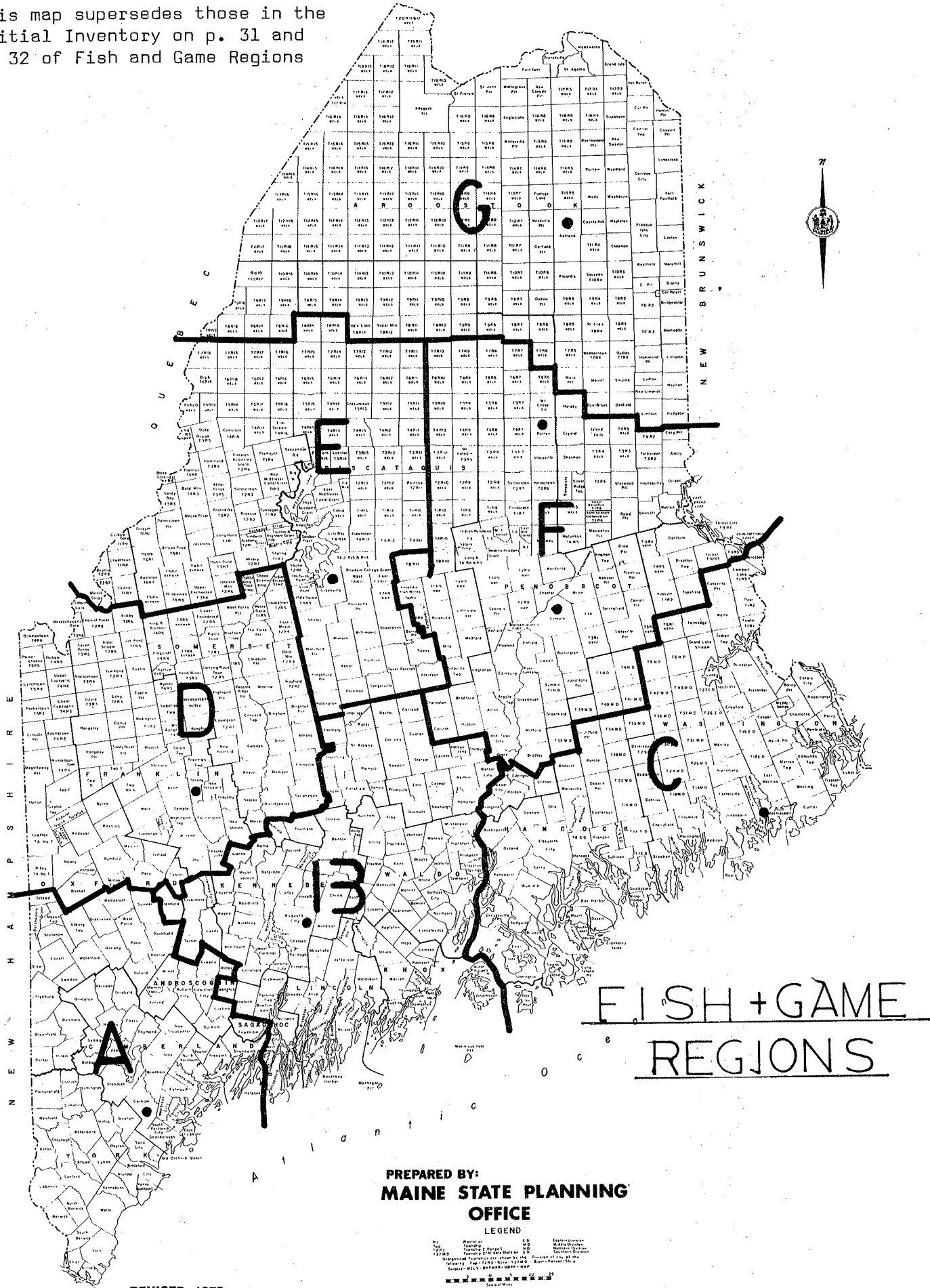
AGENCY REFERENCE: Department of Inland Fisheries and Game. p.-30.
NATURE OF REVISION: Study Update (Organizational Change)

- A. - Fisheries and Game District Headquarters -
- Sebago Region (A) -Gorham, Maine
 - Belgrade Region (B) -Augusta, Maine
 - Grand Lake Region (C) -Machias, Maine
 - Rangeley Region (D) -Strong, Maine
 - Moosehead Region (E) -Greenville, Maine
 - *Penobscot Regions (F)
 - Fish River Lakes Region (G) -Ashland, Maine
 - * Penobscot Region Fisheries HQ-Lincoln, Maine
 - Penobscot Region Game HQ - Patten, Maine
- B. See Attached Map

STUDY REFERENCE: Department of Inland Fisheries and Game. p.-35
NATURE OF REVISION: Study Update
STUDY TITLE AND SUMMARY: Gerald P. Cooper Studies

First sentence following: GENERAL STUDY: Gerald P. Cooper Studies reads - "The purpose of the following studies was to aid in the formulation of a stocking policy in each of the survey areas". The sentence should read: The purpose of the following studies was to provide basic fisheries management information in each of the survey areas.

This map supersedes those in the Initial Inventory on p. 31 and p. 32 of Fish and Game Regions



AGENCY REFERENCE: Department of Inland Fisheries and Game. p.-42.
NATURE OF REVISION: Study Update
STUDY TITLE AND SUMMARY: Maine Lakes - A Sportsman's Inventory

Annual lists are provided by the Department of Inland Fisheries and Game which update the Sportsman's Inventory of 1971. These errata sheets have been published for newly surveyed lakes and revised lake surveys for the years 1972 and 1973.

These are available from the Department of Inland Fisheries and Game, Division of Information and Education and can be used to update Appendix II of the initial inventory.

STUDY REFERENCE: Department of Inland Fisheries and Game. p. - 43
NATURE OF REVISION: Study Update.
STUDY TITLE AND SUMMARY: Planning Document Number III - Significant Relationships of Land and Lakes Area in Maine.

At present this document is still in the draft stages and no final publication date has been set.

Insert

p.-55c

AGENCY REFERENCE: Department of Inland Fisheries and Game - Game Division.

STUDY REVISION: New Study

STUDY: Manual for Maine Wetlands Inventory.

DATE: December, 1972

PURPOSE: Revision of an initial document which set up guidelines to be used in conducting a wetland habitat inventory in the State of Maine (Benjamin W. Day - Proceedures for Wetland Inventories; Federal Aid Project W 37-R).
"This new edition incorporates several new supplements (to the original guidelines) and presents the inventory proceeedures in a more unified form. To clean up some confusion and facilitate field identification, the wetland type descriptions and land capability class definitions were expanded and explained more completely". Incorporated also, is a new watershed numbering system adopted in conjunction with the State Water Resources Planning Unit.

PREPARED BY: Cheryl A. McCall, Game Biology Aide, Game Division, Maine Department of Inland Fisheries and Game, Augusta, Maine.

Availability: Maine Department of Inland Fisheries and Game, Game Division, Augusta, Maine.

FORMAT: Inventory Guideline Report.

LAND USE REGULATION COMMISSION

35 Capitol Street
Augusta, Maine 04330

STUDY: Standards for Interim Land Use District Boundaries and Permitted Uses.

LAKE/POND: Those lakes and ponds in the State's unorganized townships and plantations affected by the standards.

DATE: 1972.

PURPOSE: Defines and interprets the four major interim district classifications, pursuant to the provisions of Title 12, Chapter 206-A, M.R.S.A.

PREPARED BY: Land Use Regulation Commission staff.

AVAILABILITY: Land Use Regulation Commission Office, 35 Capitol Street, Augusta, Maine.

FORMAT: Document. pp. 15.

STUDY: Land Use Regulation Commission - Revised Statutes of 1964, Title 12 (as amended).

DATE: June 9, 1972.

PURPOSE: Present the general provisions of Title 12, Chapter 206-A.

PREPARED BY: Maine Land Use Regulation Commission Staff.

AVAILABILITY: Maine Land Use Regulation Commission, 35 Capitol Street, Augusta, Maine.

FORMAT: Document. pp. 16.

STUDY: Mapping Project.

LAKE/POND: Those lakes and ponds affected are those within the unorganized townships and plantations of the State of Maine.

DATE: Continuous project. Project work initiated 1971.

PURPOSE: To make individual minor civil division maps of the State's unorganized townships utilizing data from United States Geological Survey (U.S.G.S.) maps. This U.S.G.S. data is updated by using aerial photographs of the Department of Inland Fisheries and Game. These maps are used primarily for locating and defining the planning and development districts established by the Land Use Regulation Commission and Staff.

PREPARED BY: Land Use Regulation Commission Staff.

AVAILABILITY: Maps of the Minor Civil Divisions of the unorganized areas may be purchased from the Land Use Regulation Commission Office, 35 Capitol Street, Augusta, Maine. Information as to the extent of the area mapped thus far may be obtained by contacting James Connors of the Land Use Regulation Commission staff.

FORMAT: Map. Scale 1:1320.

STUDY: Lessees in the Unorganized Townships of Maine.

DATE: February, 1973.

PURPOSE: "To gain a knowledge and understanding of persons leasing land in the wildlands and of the nature and extent of leasing policies of landowners in the unorganized territories of Maine." The survey may be seen as valuable in terms of its effect upon inland water resources as 84% of the 485 lessee questionnaires returned indicated dwellings within 200 ft. of a body of water. Areas of investigation in the study survey included: individual background information, opinions and attitudes, and lease information. Land Use Regulation Commission recommendations are presented in light of survey findings. Appendix includes original survey questionnaire and study objective letter.

PREPARED BY: Frederick W. Todd, Assistant Supervisor of Planning and Research, Land Use Regulation Commission, Augusta, Maine.

AVAILABILITY: Land Use Regulation Commission, 35 Capitol Street, Augusta, Maine.

FORMAT: Survey Report. pp. 32.

STUDY: Sewage Disposal Regulations for Dwellings.

LAKE/POND: Those lakes and ponds affected by development in Maine's unorganized territories.

DATE: 1973

PURPOSE: Purpose of these sewage disposal regulations is to clarify and reconcile the Land Use Regulation Commission's statutory criteria as they relate to sewage disposal and "to obtain as a result a clear comprehensive statement of the LURC sewage disposal requirements for dwellings".

Regulations are presented in an easily understood descriptive and visual format.

PREPARED BY: Land Use Regulation Commission, Augusta, Maine.

AVAILABILITY: Copies available from the Land Use Regulation Commission, 35 Capitol Street, Augusta, Maine.

FORMAT: State Regulations.

AGENCY REFERENCE: Land Use Regulation Commission (LURC)
NATURE OF REVISION: New Study
STUDY: Building in the Wildlands of Maine
DATE: September, 1973.
PURPOSE: "The primary objective behind the extensive research and planning which went into the preparation of the booklet was to present in a non-legal and non-technical fashion, a pictorial discussion of the principle and techniques of site analysis and site planning. As such, it is intended to be a supplement to the commissions more specific land use standards and regulations."
Deals with problems with the individual homeowner or campowner encounters and presents recommended solutions to those problems.
PREPARED BY: Bruce Hendler - Landscape Architect - for the Maine Land Use Regulatory Commission.
Availability: Copies may be acquired from the Maine Land Use Regulation Commission, 35 Capitol Street, Augusta, Maine.
FORMAT: Informational Booklet.

AGENCY REFERENCE: Land Use Regulation Commission (LURC)
NATURE OF REVISION: New Study
STUDY: Subdividing in the Wildlands of Maine.
DATE: September, 1973
PURPOSE: Basic content and organization is similar to that of the aforementioned Building in the Wild Lands of Maine.
The Problems dealt with here are those encountered in choosing and developing land for subdivision. Solutions are offered for these varied problems.
PREPARED BY: Bruce Hendler - Landscape Architect - for the Maine Land Use Regulation Commission.
Availability: Copies may be acquired from the Maine Land Use Regulation Commission, 35 Capitol St., Augusta, Maine
FORMAT: Informational Booklet

AGENCY REFERENCE: Maine Land Use Regulation Commission (LURC)

NATURE OF REVISION: New Study

STUDY: Comprehensive Land Use Plan - Vol. I - Perspective

DATE: February 1, 1974 (Preliminary Draft)

PURPOSE: Volume One of a Comprehensive Land Use Plan for the Unorganized Townships of Maine. (1) Presents the basic functions and history of the Land Use Regulation Commission, (2) details a historical, natural resources, and cultural sketch of the Land Use Regulation Commission jurisdiction, (3) presents the goals and objectives of LURC in preparing a Comprehensive Land Use Plan, (4) outlines and explains the phases to be followed in preparing the Comprehensive Land Use Plan. A Volume Two is to be published simultaneous with Volume One. Volume Two will be the basic core of the work as it will present the policies which the Land Use Regulation Commission will use in implementing its interim development standards and future development standards.

PREPARED BY: Maine Land Use Regulation Commission.

Availability: When published, copies will be available at the Land Use Regulation Commission, 35 Capitol Street, Augusta, Maine. Publication date expected about January, 197

FORMAT: Planning Document

MAINE STATE PLANNING OFFICE

189 State Street
Augusta, Maine 04330

STUDY: Inventory of Regional Studies.

LAKE/POND: Several of the comprehensive Regional Plans conducted by Regional Planning Agencies (RPC) deal directly with lakes and ponds in their planning commission regions.

DATE: November, 1970.

PURPOSE: Provide information on the nature of studies being done at the regional level. The inventory consists of three sections - (1) Comprehensive Regional Planning, (2) Comprehensive Health Planning, and (3) Law Enforcement Planning. The section of Comprehensive Regional Planning Studies is the one which deals with any lake and pond studies completed or pending. Also included are diverse planning studies of a local and regional nature which directly and indirectly affect lake and pond usage.

PREPARED BY: Maine State Planning Office.

AVAILABILITY: Maine State Planning Office, Augusta, Maine, and the Maine Regional Planning Agencies.

FORMAT: Inventory. pp.63.

STUDY: Lakes & Ponds Used for Water Supply.

DATE: Revised October, 1971.

PURPOSE: Inventory of Maine's Water Supply and Water Utilities. Revised list includes: lake or pond, county, township, name of utility, and form of treatment.

PREPARED BY: Department of Health and Welfare, Public Utilities Commission - (Lists were revised by Water Resources Planning, Maine State Planning Office). Regional verification pending completion of River Basin Plans.

AVAILABILITY: Maine State Planning Office.

FORMAT: Preliminary inventory list.

STUDY: Partial List of Maine Lakes with Public Right of Way.
DATE: Compilation date, December 1972.
PREPARED BY: Compiled by New England River Basin Commission's Representative to the Maine State Planning Office, from Department of Inland Fisheries and Game key sort cards.
AVAILABILITY: Maine State Planning Office.
FORMAT: Preliminary inventory list.

STUDY: Improving Water Quality and Controlling Algae in Eutrophic Lakes-
Togus Pond, Augusta, Maine.
LAKE/POND: Togus Pond.
DATE: January 26, 1973.
PURPOSE: The object of the study was to determine the effects of aeration on a moderately eutrophic lake. Some of the factors identified and measured were: dissolved gases, mineral concentrations, nutrient contents, and algae types and their relative densities. Phytoplankton and zooplankton populations were also measured.
PREPARED BY: Jason M. Cortell and Associates, Consultants; study prepared for Maine State Planning Office, Water Resources Planning Division.
AVAILABILITY: Maine State Planning Office.
FORMAT: Study Report.

STUDY: Inventory of Impoundments on Maine Waterways.
LAKE/POND: Inclusive of those water bodies and waterways which contain impounded waters.
DATE: Pending Publication (1973).
PURPOSE: The object of the inventory is to lay the groundwork for an in-field inventory by consolidating data- gathered by other agencies and departments. Impoundments are listed by river basin and tributaries. Specific impoundment information: Impoundment name, location, ownership, head, drawdown, condition, fishway, field check (year conducted) and remarks.

PREPARED BY: Maine State Planning Office, Water Resources Planning Division.

AVAILABILITY: Maine State Planning Office, Water Resources Planning Division.

FORMAT: Inventory List.

STUDY: Groundwater Inventory and Investigation.

DATE: Project initiated in 1972, continuing study.

PURPOSE: Relate groundwater yield and quality to surficial and bedrock geology, and provide basic groundwater information to planners. Types of information include: depth to water table, bedrock direction of groundwater flow, and depths of wells. Survey work has been completed for Knox, Lincoln, and Sagadahoc counties. Survey work has been initiated for Cumberland and Hancock counties.

PREPARED BY: Maine State Planning Office, Water Resources Division in conjunction with the Maine Geologic Survey.

AVAILABILITY: General groundwater information is available by contacting the Maine Geological Survey, and the Maine State Planning Office, Water Resources Planning Division.

FORMAT: Results to be partially published as part of the State Planning Office-Maine Coastal Plan and the Natural Resource Inventory of Maine Counties (see Maine Geologic Survey).

STUDY: Maine Mapping Project.

LAKE/POND: Deals with resources in a visual form and on a continuing project basis; will attempt to display water resources as well as other cultural and natural resource patterns in a comprehensive and inter-related visual overlay format.

DATE: Project initiated in 1972 (project will be continued as data becomes available).

PURPOSE:

To develop a mapping system which will allow greater flexibility in Urban and Rural Natural Resources Planning and also give the layman as well as the professional planner and administrator a greater visual comprehension of the interplay between cultural resources and natural resources in the State of Maine.

Mapping Divisions suggested for the project are as follows:

- I. State of Maine Series
- II. River Basin Base Maps (Blank, Scale of 1:250,000)
 - A. St. John
 - B. Penobscot
 - C. St. Croix and Eastern Coastal
 - D. Kennebec
 - E. Mid-Coastal
 - F. Androscoggin
 - G. Piscataquis-Saco-Presumpscot
- III. Mylar Overlays (Individually keyed to particular River Basins)
 - A. Natural Systems
 - 1. Bedrock Geology
 - 2. Surficial Geology
 - 3. Topography
 - 4. Surface Water (Lakes, Ponds, Rivers, and Streams)
 - 5. Vegetation
 - 6. Soils
 - a. Associations
 - b. Erodability
 - 7. Precipitation/Run Off
 - 8. Unique Natural Areas
 - 9. Fisheries and Game
 - 10. ...Other suggestions...
 - B. Cultural Systems
 - 1. Counties & Minor Civil Divisions
 - 2. Transportation Network
 - 3. Power Generation and Transmission Networks
 - 4. Public Water Supplies
 - 5. Population Centroids
 - 6. Planning and Development Districts and R.P.C. Areas
 - 7. Land Use
 - 8. Districts
 - a. Fisheries
 - b. Game
 - c. Biological
 - d. LURC Zones
 - e. Water
 - f. School Administrative
 - 9. Effluent Sources
 - 10. Sewerage Systems
 - 11. Water Classifications

III-B (continued)

12. Environmental Problems

- a) Land
- b) Air
- c) Water

13. ...Other Suggestions

The individual Maine Overlay Series Maps which Water Resources Planning has prepared at the present time are:

- a) Drainage (Full)
- b) Drainage (Modified)
- c) Contours
- d) Culture (Full)
- e) Culture (Modified)
- f) Major River Basins
- g) Minor River Basins
- h) Minor Civil Divisions and Counties

At the present time the above series are completed and in house at the Water Resources Planning Division. Several Composites of this series have been completed at both 1:250,000 and 1:125,000 scale and are also in house at WRP.

PREPARED BY: Technical reproduction services furnished by the Williams and Heintz Map Corporation, 8119 Central Avenue, Washington, D.C. 20027, for the Water Resources Planning Division of the State Planning Office. The Maine Geological Survey prepared the overlays of modified drainage and modified culture in addition to general assistance and advice.

AVAILABILITY: Copies of the State of Maine Series and existing overlays are available through the Maine State Planning Office, Water Resources Planning Division, in composite or individual form on any desired base such as mylar, cephia or paper.

FORMAT: Maps (1) Scales: Flexible information is produced at U.S.G.S. 0° 15' standards.
(2) Color: Optional
(3) Composites: Selective screening of overlays optional.

STUDY: State Water and Related Land Resource Guide Plan-Maine, New Hampshire, Vermont -

LAKE/POND: General hydrological and water resource data inclusive of lakes and ponds in Maine, New Hampshire and Vermont river basins.

DATE: Project completion date - June, 1975.

PURPOSE: State Water and Related Land Resource Guide Plans will be developed for Maine, New Hampshire and Vermont as primary elements of a comprehensive New England Plan.

Water and Related Land Management plans will be prepared for the eight major drainage basins in Maine. As part of the study, a comprehensive State Plan will be developed encompassing the material from the eight river basin studies. The guide plan for each major drainage basin will deal with water quality in general and specific terms (i.e. general hydrology, water supply, lakes, waste abatement).

At the present time the preliminary draft for the Androscoggin River Basin has been completed, printed, and is being reviewed prior to final publication. (Availability: Maine State Planning Office).

The Penobscot River Basin Plan has been initiated and is being coordinated by the Penobscot Valley Regional Planning Commission.

The St. John River Basin Plan Study is presently being conducted by the E.C. Jordan Company, Portland, Maine, for the Northern Maine Regional Planning Commission.

PREPARED BY: Information on River Basin Plans is available from those agencies which are coordinating the studies. Information and data input into the plans comes from several sources: Private, Local, State and Federal agencies. Overall State coordination of the River Basin Plans is being handled by the Maine State Planning Office, Augusta.

FORMAT: Comprehensive Water Quality Management Guide Plans.

STUDY: The Penobscot Bay Resource Plan.

DATE: August, 1972.

PURPOSE: Comprehensive inventory and synthesis of social, economic, and natural resources in the Penobscot Bay area. Presents lakes and ponds in the study area as a general water resource. Phase I of the Maine Coastal Plan.

PREPARED BY: Maine State Planning Office, Coastal Planning Group.

AVAILABILITY: Maine State Planning Office.

FORMAT: Planning document. (16½ x 12½" - pp 35, with maps).

STUDY: Report on Groundwater Quality in and near Cherryfield, Maine
(under project number 901264 with the State of Maine, State
Planning Office)

LAKE/POND: Study felt to have impact upon lakes and ponds in the vicinity
of Cherryfield, Maine.

DATE: 1972.

PURPOSE: To ascertain the effects of insecticides upon the groundwater
and surface water supplies in the vicinity of Cherryfield,
Maine. Interdisciplinary study.

PREPARED BY: H.W. Borns, Prof. of Geological Sciences, U. of M.,
J.B. Dimond, Prof. of Entomology, U. of M.,
S.P. Norton, Prof. of Geo. Sciences, U. of M., for the
Maine State Planning Office.

AVAILABILITY: Maine State Planning Office, Augusta, Maine.

FORMAT: Report. pp. 10.

STUDY: Maine Lakes - A Guide to Shorelot Development.

LAKE/POND: General and specific application to all of Maine's lakes
and ponds.

DATE: Pending Publication - late summer - 1973.

PURPOSE: To serve as a guide to existing and planned shorelot develop-
ment. Helps to identify existing shoreline resource values,
shoreline problems, present alternative solutions, understand
State laws that affect shorelines, and to obtain an under-
standing of the future needs for quality water and shoreline
recreation in Maine.

Areas of discussion: Lake History; Shoreland Soils and Plant
Cover; Basics of Fish Management; Water, Dam and Land Ownerships;
Laws affecting Shoreland Development; Laws regarding Waste
Disposal; Sources and Indicators of Pollution; Lake Monitoring
or Testing; Waste Disposal Systems; Camping Rests and Algicide,
Herbicide and Pesticide Uses; Safety around Lakes.

PREPARED BY: Interagency document; coordinated by Water Resources Planning Division, State Planning Office, 16 Winthrop Street, Augusta, Maine.

AVAILABILITY: Soil Conservation Service, University of Maine, Orono; Environmental Studies Center, University of Maine, Orono; Department of Inland Fisheries and Game, Augusta, Maine; Department of Environmental Protection, Augusta, Maine; Cooperative Extension Service, University of Maine, Orono, Maine.

FORMAT: General Publication - Pending.

STUDY: Alternatives for Monitoring Maine's Lakes and Ponds.

This study is presently being conducted in the form of a team composed of governmental, institutional, and private interests to coalesce their diverse needs in monitoring Maine's lakes and ponds. Coordination of this team effort is being handled by the Water Resources Planning Division of the State Planning Office. The major phases of the project may be identified as follows:

1. Identify the information needs (data parameters).
2. Identify and assess available technology (or lack thereof).
3. Identify and assess acceptable methodology.
4. Make recommendations for monitoring Maine's lakes and ponds.

The study phases listed above should not be seen as a series of isolated individual studies but rather as a developing study with interrelated parts. Initial information needs of the study participants have been made and are being used by Walter W. Turner, Department of Electrical Engineering, University of Maine, as inputs to aid in identifying and assessing available technology. Identification and assessment of acceptable methodology will be developed through the Environmental

Studies Center, University of Maine, Orono, Maine, as the study progresses. Recommendations for monitoring will be the final phase of the project and will utilize all information generated throughout the study period by the study team. Consultants for the project are contracted to deliver a final product on or before May 1, 1974. Preparation and publication of team findings is set to be accomplished on or before June 30, 1974. It is hoped that a guide for a comprehensive monitoring system for Maine's lakes and ponds will materialize from the project.

Project information may be obtained from the Water Resources Planning Division, State Planning Office, Augusta, Maine and the Environmental Studies Center, 11 Coburn Hall, University of Maine, Orono, Maine.

AGENCY REFERENCE: Maine State Planning Office, p.-63.
NATURE OF REVISION: Study Update
STUDY TITLE AND SUMMARY: Groundwater Inventory and Investigation.

Project operation and administration will be assumed by the Bureau of Geology, Maine Department of Conservation, Augusta, Maine, effective May 1, 1974. Survey of Groundwater will be conducted on a continual basis in those counties listed in the original study review. Survey work will also be conducted in all coastal counties which are scheduled for inventory and analysis work under the Maine Coastal Plan. (See Maine Coastal Plan this review, page 69c and 69d).

AGENCY REFERENCE: Maine State Planning Office, Water Resources Planning, p. -63.
NATURE OF REVISION: Study Update.
STUDY TITLE AND SUMMARY: Maine Mapping Project.

This summary is essentially to provide a better review of the Maine Mapping Project and present a listing of available maps. Water Resources Planning and the Maine Geological Survey have produced a mapping system (series of maps and map components) that has been derived for the most part from standard U.S.G.S. 2° topographic maps. The U.S.G.S. overlays were put on separate mylars with the boundaries between individual 2° sheets eliminated. This is a very exacting technical procedure which required the services of Williams and Heintz, cartographic specialists of Washington, D.C. For example, "drainage" for the entire state is on a separate mylar that can be reproduced easily. Each overlay of the state consists of a north and south half, approximately 42" x 60" each.

(Study Title and Summary - continued)

The basic set of overlays and composites are at the scale of 1:250,000 but may be enlarged successfully to the scale of 1:125,000 or reduced to the scale of 1:500,000 or more.

The following list indicates the overlays and composites that are, or will soon be available:

Existing Overlays of the Entire State at the Scale of 1:250,000

1. Culture (full)
2. Culture (reduced)
3. Drainage (full)
4. Drainage (reduced)
5. Contours - 50'
6. Major River Basins
7. Minor River Basins
8. Minor Civil Divisions
9. Official Planning and Development Districts
10. Tidal Waters
11. Shoreland Zoning Rivers
12. Minor Civil Division Names

Existing Overlays of Specific Areas (Regional Maps): Scale 1:125,000

1. Penobscot Planning and Development District (uses overlays #1 through #9 listed above). Map Scale 1:250,000.
2. Mid-Coastal District (uses overlays #1 through #9 listed above).

Overlays in Production

1. River Basins of Maine and Environs. (Maine, plus river-basin areas in New Hampshire and Canada). Scale: 1:250,000. Divided into three horizontal strips - North, Central, South.
 - a. Culture
 - b. Drainage
 - c. Contours

Existing Composites of Entire State at the Scale of 1:250,000

1. Drainage (reduced) + Culture (reduced) + Contours
2. Drainage (full) + Contours
3. Drainage (full) + Minor Civil Divisions
4. Drainage (reduced) + Minor Civil Divisions
5. Drainage (reduced) + Culture (reduced) + Minor Civil Divisions
6. Drainage (reduced) + Culture (reduced)
7. Drainage (reduced) + Minor Civil Divisions + Contours
8. Drainage (reduced) + Culture (reduced) + Major River Basins + Minor River Basins
9. Drainage (reduced) + Minor Civil Divisions + Major River Basins + Minor River Basins
10. Drainage (full) + Minor Civil Divisions + Shoreland Zoning Rivers + Tidal Waters
11. Drainage (reduced) + Minor Civil Divisions + Major River Basins + Minor River Basins + Culture (full)
12. Drainage (full) + Contours + Minor Civil Divisions + Minor Civil Division Names

Composites in Production:

1. Drainage (reduced) + Culture (full) + Minor River Basins + Major River Basins + Minor Civil Divisions.

Existing Composites of Specific Areas at the Scale of 1:125,000

1. Knox County-----Drainage (reduced) + Culture (reduced) + Contours
2. Hancock County----- Same
3. Lincoln & Sagadahoc Counties-----Same
4. Cumberland County -----Same

AGENCY REFERENCE: Maine State Planning Office, Coastal Planning Group.p. 66

NATURE OF REVISION: Study Update

STUDY TITLE AND SUMMARY: Maine Coastal Plan - (listed in initial document under the Penobscot Bay Resource Plan.)

An initial phase of the Maine Coastal Plan, The Penobscot Bay Resource Plan, was completed in 1972. The remainder of the Coastal area (for planning purpose all towns which border on tidewater -tidal shore-) is expected to be investigated and analyzed in light of its resource capabilities in Resource Capability Analysis Reports. These reports will be completed in areas of the Maine Coast

(Study Title and Summary-continued)

delineated as coastal zones. A tentative completion and publication date is December, 1974. Base maps used in the reports are at a 1:48,000 scale. An additional coastal inventory to be published, which will be more intensive in terms of visual resource identification is the Maine Coastal Atlas. It is scheduled for publication during the later part of 1975 and will utilize base maps at scales of 1:125,000, 1:48,000 and 1:24,000.

All reports and publications will be available upon completion by the Maine State Planning Office.

AGENCY REFERENCE: Maine State Planning Office, Water Resources Planning Unit. p. 67.
NATURE OF REVISION: Study Update
STUDY TITLE AND SUMMARY: Maine Lakes - A Guide to Shorelot Development

Project has reached initial draft stage but a final publication date has not been set. Project coordination has been placed with Matthew Scott, Bureau of Water Quality Control, Maine Department of Environmental Protection, Augusta, Maine.

Draft information may be obtained by contacting Matthew Scott or any of the project participants.

STUDY REFERENCE: Maine State Planning Office, Water Resources Planning Unit. p. 68-69.
NATURE OF REVISION: Study Update
STUDY TITLE AND SUMMARY: Alternatives for Monitoring Maines Lakes and Ponds

(Study Title and Summary - continued)

Due to other project commitments by the Water Resources Planning Unit, this particular project was terminated in the early stages of research. It is felt by Water Resources Planning that due to the need for this type of information, the project will be resumed in the future by other agencies currently involved with Lake Studies in Maine.

<u>AGENCY REFERENCE:</u>	Maine State Planning Office
<u>NATURE OF REVISION:</u>	New Study
<u>STUDY:</u>	<u>Survey of Municipal Planning and Regional Activity</u>
<u>DATE:</u>	December, 1973
<u>PURPOSE:</u>	Provide a basic index to planning activity in Maine's towns and regions. This could serve as a reference and directory for Lake Associations or private groups who need assistance in various activities and projects they may be considering.
<u>PREPARED BY:</u>	Maine State Planning Office.
	<u>Availability:</u> Maine State Planning Office, Augusta, Maine.
<u>FORMAT:</u>	Planning Document.

DEPARTMENT OF PARKS AND RECREATION

State Office Building

Augusta, Maine 04330

STUDY: Saco River Corridor - Open Space and Recreation Potential.

LAKE/POND: Those lakes and ponds which fall within the Saco River Basin of Southern Maine.

DATE: August, 1969.

PURPOSE: Land Use and general resource planning document which attempts; to determine the recreation and open space potential of the Saco River; determine possible sites for acquisition and development or preservation by federal, state, or local agencies; and determine the alternative courses of action needed to preserve and develop the optimum pattern of land use in the Saco River Corridor. The primary importance of the report is that it is a proposal for joint action on a public and private level.

PREPARED BY: James S. Haskell, for the Maine State Park and Recreation Commission Augusta, Maine.

AVAILABILITY: Parks and Recreation Commission, Augusta, Maine and the Maine State Library, Augusta, Maine.

FORMAT: Planning Report.

STUDY: Maine Comprehensive Outdoor Recreation Plan.

LAKE/POND: Reference to Lakes and Ponds is both specific and general.

DATE: January, 1972.

PURPOSE: The study consists of a technical report and a summary report. The technical report consists of an evaluation of Maine's role in outdoor recreation; inventories existing facilities; statistically estimates present and future demands for these facilities until 1990; and presents an action plan for meeting outdoor recreation needs through 1980. The summary report consists of a synopsis of the technical report.

PREPARED BY: Department of Parks and Recreation, Planning and Research Division. Also participating in the study were many federal, state, and private agencies.

AVAILABILITY: Department of Parks and Recreation, Planning and Research Division, State Office Building, Augusta, Maine.

FORMAT: Planning Report. Summary Edition and three (3) technical reports. Vol. I, pp. 126; Vol II, pp. 119; Vol III, pp. 114.

MAINE DEPARTMENT OF HEALTH AND WELFARE

AUGUSTA, MAINE

Insert

p.-71a

AGENCY REFERENCE: Maine Department of Health and Welfare,
Division of Health Engineering.

STUDY REVISION: New Study (Revised Code)

STUDY: State of Maine - Plumbing Code

DATE: Pending Publication July, 1974 (Currently in Draft Form)

PURPOSE: To present basic administrative and operational guidelines, and definitions to implement Maine State Plumbing Laws.

Basic Content: Definitions, Administration, General Provision
Site Considerations, Volume of Sanitary Sewage, Building Sewer
Treatment and Holding Tanks, Details and Special Designs, Appr
Private Dewage Disposal Systems, Other Systems and Appendices.

PREPARED BY: Maine Department of Health and Welfare, Div. of Health Enginee

Availability: Copies will be available from the Department of
Health and Welfare, Health Engineering Section, Augusta, Maine
General and specific information concerning the new code should
be available from local plumbing inspectors.

FORMAT: State Enforcement Codes.

AGENCY REFERENCE: Maine Department of Health and Welfare, Division of Health
Engineering.

STUDY REVISION: New Study

STUDY: Plumbing Control Training Manuals. (Training package for local
Plumbing inspectors certification examination).

Vol. I. Internal Plumbing: Comprehensive treatment of internal plumbing
regulations. pp. 308.

Vol. II. Private Sewage Disposal- Considers the design requirements for
private sewage disposal. pp. 135.

Vol. III. Presents the basic principles of Plumbing, an explanation of
Land Use Laws, a presentation of administrative procedures,
and a description of forms and their use.

DATES: Volume I and Volume II are in final published form
Volume III is in a final draft form. All three volumes are
currently available, for the initial plumbing inspectors
examination May 14, 1974, from the Dept. of Health and Welfare.

Insert

p.-71b

PURPOSE:

To serve as training documents for those persons who desire to take the Plumbing Inspectors test. An excellent series of publications which can be used to thoroughly acquaint oneself with criteria and standards in all areas which affect plumbing and sewage disposal, or can be used simply as a reference.

PREPARED BY:

Rpbert H. Cuillo, PhD., Professor of Biology, Nason College, Springvale, Maine; Division of Health Engineering, Maine Department of Health and Welfare, Augusta, Maine; and the Maine Association of Conservation Commissions.

Availability: All three volumes are available for a total cost of \$5.00 from the Maine Department of Health and Welfare. Will be widely distributed to all local officials who will be concerned with enforcement of the State Plumbing Code.

FORMAT:

Plumbing text and training maunal.

-MAINE REGIONAL PLANNING COMMISSIONS-

Androscoggin Valley Regional Planning Commission

Northern Kennebec Regional Planning Commission

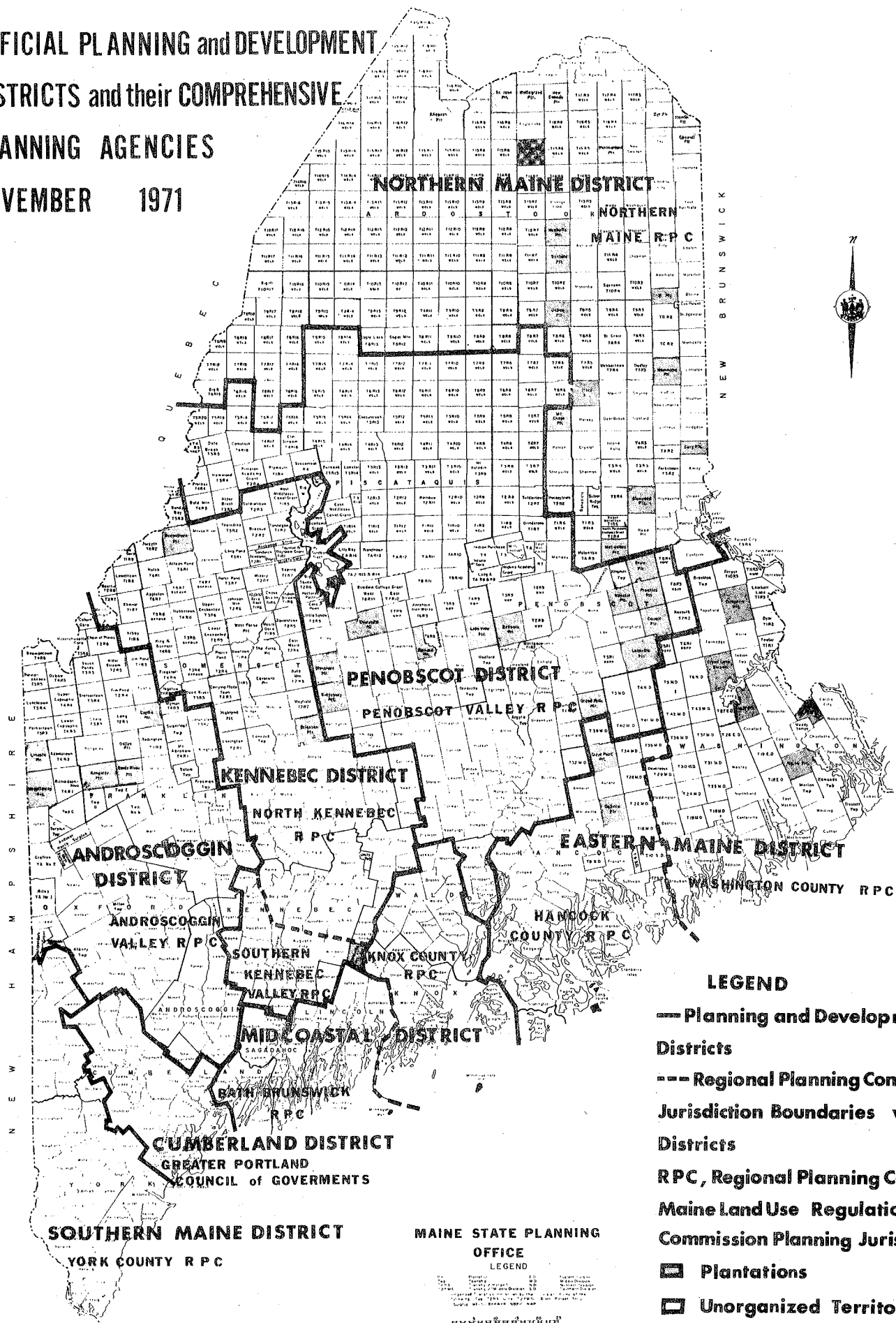
Northern Maine Regional Planning Commission

Penobscot Valley Regional Planning Commission

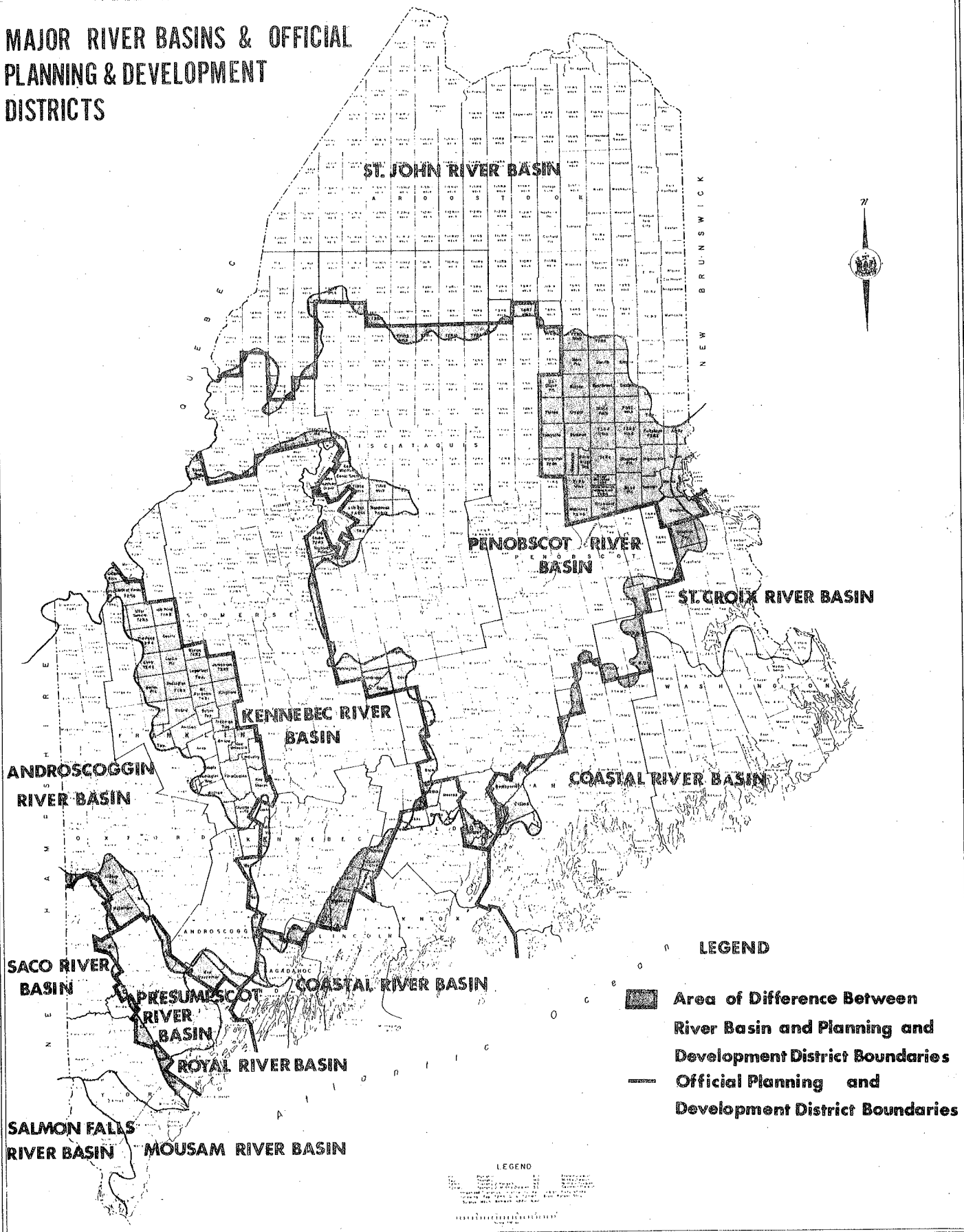
York County Regional Planning Commission

OFFICIAL PLANNING and DEVELOPMENT DISTRICTS and their COMPREHENSIVE PLANNING AGENCIES

NOVEMBER 1971



MAJOR RIVER BASINS & OFFICIAL PLANNING & DEVELOPMENT DISTRICTS



ANDROSCOGGIN VALLEY REGIONAL PLANNING COMMISSION

James O. Nesbitt, Executive Director
181 Russell Street
Lewiston, Maine 04240

STUDY: Report on Water Works Improvement, Lewiston, Maine.
LAKE/POND: Auburn Lake, Androscoggin Lake, Thompson Lake, No Name Pond,
Sabattus Pond.
DATE: 1963.
PURPOSE: To examine all possible water sources for yield and quality of
water supply. Laboratory tests are included.
PREPARED BY: Camp, Dresser and McKee-Consultants, for the Androscoggin Valley
Regional Planning Commission (AVRPC).
AVAILABILITY: AVRPC, Lewiston, Maine and the Maine State
Planning Office.
FORMAT: Planning Report.

STUDY: Water Sampling - Sabattus Pond, Maine.
LAKE/POND: Sabattus Pond, Androscoggin County, Maine.
DATE: Data gathered from June 25, 1969 through October 23, 1969.
Date published - January, 1970.
PURPOSE: To provide water quality information about Sabattus Pond. Includes
general background information and recommendations for water quality
improvement. Twelve sampling stations were utilized. Samples were
taken to determine ortho-phosphate, nitrogen (as free ammonia),
and albuminoid nitrogen. Lateral, vertical, temporal and regional
variations also are given.
PREPARED BY: A. Tolman and R. Morrison for the Androscoggin Valley Regional
Planning Commission. (AVRPC).
AVAILABILITY: AVRPC, Lewiston, Maine and the Maine State Planning
Office, Augusta, Maine
FORMAT: Report, mimeo, pp. 21 and appendices.

STUDY: Inland Wetlands - An Examination of Garcelon Bog.
DATE: June 4, 1972.

PURPOSE: Summary of Wetland problems. Specific report dealing with Garcelon Bog, developmental pressures, potentials, etc.

PREPARED BY: Allison Harvey, Bates College student.

AVAILABILITY: Bates College - College Library, Lewiston, Maine.

FORMAT: Term paper.

STUDY: Lake Shore Land Use.

LAKE/POND: Webb Lake, Pennesseewassee Lake, Wilson Lake.

DATE: 1972 through 1973; pending.

PURPOSE: Study of existing development and possible future impact including mapping of present development, valuation, topography, and soils.

PREPARED BY: Robert Ewing and Androscoggin Valley Regional Planning Commission (AVRPC) staff. Limited copies.

AVAILABILITY: AVRPC, Lewiston, Maine and the Maine State Planning Office, Augusta, Maine.

FORMAT: Planning Report.

STUDY: Lake Shore Study.

LAKE/POND: Taylor, Tripp, Sabbathday and Sabattus Ponds.

DATE: 1972 publication date. Field work - March 1972 through June, 1972.

PURPOSE: A study of existing development and possible town action to prevent overdevelopment and deterioration of lake quality.

PREPARED BY: Robert N. Ewing, Androscoggin Valley Regional Planning Commission (AVRPC), Consultant.

AVAILABILITY: AVRPC, Lewiston, Maine and the Maine State Planning Office, Augusta, Maine

FORMAT: Technical memorandum, mimeo, pp. 17 and with maps (8" x 14").

NORTH KENNEBEC REGIONAL PLANNING COMMISSION

Elery Keene, Executive Director

14 Benton Avenue

Winslow, Maine 04902

STUDY: A Reconnaissance Study of China Lake.
LAKE/POND: China Lake.
DATE: September, 1970.
PURPOSE: Identify the specific kinds of problems that need to be considered in a regional shoreland development policy. It was felt that a reconnaissance of China Lake would help in formulating such a policy. Areas of consideration: uses of the lakewater, use of the shoreland, discussion of issues in particular and in general, interim recommendations for China Lake, and the implications of the study that are of regional significance.
PREPARED BY: Elery Keene, North Kennebec Regional Planning Commission (NKRPC).
AVAILABILITY: NKRPC, Waterville, Maine and the Maine State Planning Office, Augusta, Maine.
FORMAT: Planning Study; mimeo, pp. 37.

STUDY: Lake Eutrophication in Central Maine-Results of a Questionnaire Survey.
LAKE/POND: Pattee Pond, North Pond, Messalonskee Lakes, China Lake- Kennebec County, Embden Pond, Hayden Pond, Great Moose Pond - Somerset County.
DATE: Data compiled-Summer, 1971; published-January, 1972.
PURPOSE: Furnish basic data for use in water quality planning. Study consisted of questionnaires which, when answered, were recorded and evaluated with basic recommendations by Dr. Ronald B. Davis.
PREPARED BY: Dr. Ronald B. Davis, Associate Professor of Botany and Geological Sciences, University of Maine, Orono, Maine. Sponsored by North Kennebec Regional Planning Commission, University of Maine and the Maine Department of Environmental Protection.
AVAILABILITY: Project Sponsors.
FORMAT: Survey Report. pp. 13, and appendices. Mimeo.

STUDY: Lake Eutrophication in Central Maine (Interim Report)
LAKE/POND: Embden Pond, Great Moose Pond, Hayden Pond-Somerset County;
North Pond - Kennebec and Somerset Counties; Great Pond, Long
Pond, Messalonskee Lake, China Lake, Pattee Pond.
DATE: November, 1971.
PURPOSE: Investigation of nine Maine lakes "to obtain objective data over
a three year period in order to describe the water quality and
state of eutrophication of certain lakes". This is an interim
project annual report and not a final project completion report.
The Final Report will be published in early 1974.
STUDY OUTLINE: Methods and numbers of analyses completed,
morphometry and drainage areas, pollution inputs, lake strati-
fication and water chemistry, pelagial biota. Comprehensive
parameter sampling study.
PREPARED BY: Dr. Ronald B. Davis, Associate Professor of Botony and Geological
Sciences, University of Maine, Orono; Matthew Scott and Gardiner
Hunt, Maine Department of Environmental Protection.
AVAILABILITY: North Kennebec Regional Planning Commission (NKRPC),
Maine Department of Environmental Protection.
FORMAT: Annual Report; mimeo, pp. 97 and appendices.

STUDY: Determination of Pollution Sources and Preliminary Data on the
Present State of Webber Pond, Vassalboro, Maine
LAKE/POND: Webber Pond.
DATE: January, 1973.
PURPOSE: Determine those conditions which result directly or indirectly
in pollution of the pond, and gather preliminary limnological
data to infer the present state of richness or eutrophication
of the pond.
Areas of Investigation: natural conditions, past and present
human activity, water chemistry, DO, temperature, algae, zoo-
plankton, littoral vegetation and benthos. Data inclusive in
appendices.

PREPARED BY: Charles F. Rabeni, Assistant Professor, Department of Natural Resources Management, Unity College, Unity, Maine.
Funded and supported by: Department of Natural Resource Management, Unity College; town of Vassalboro; North Kennebec Regional Planning Commission. (NKRPC).

AVAILABILITY: NKRPC, Waterville, Maine, and the Maine State Planning Office, Augusta, Maine.

FORMAT: Scientific Lake Survey. pp. 36 and appendices.

AGENCY REFERENCE: North Kennebec Regional Planning Commission

NATURE OF REVISION: New Study

STUDY: Shoreland Planning -Four Typical Maine Communities

DATE: 1973

PURPOSE: Follow-up to the "Municipal Guide for Shoreland Zoning" published by the University of Maine Shoreland Zoning Project in March, 1973. The information presented is intended to help municipalities develop a planning process for the purpose of preparing a shoreland ordinance. The planning process is illustrated by applying it to four different municipalities, each with a different set of physical conditions and local public attitudes.
General contents: The planning approach, definition and functional utilization of Land Use districts and performance standards, the four demonstration areas with explanatory text and illustrated maps.

PREPARED BY: North Kennebec Regional Planning Commission, 16½ Benton Avenue, Winslow, Maine. Project was completed with financial assistance from the University of Maine, Environmental Studies Center - Shoreland Zoning Project.

Availability: North Kennebec Regional Planning Commission

FORMAT: Planning Document.

NORTHERN MAINE REGIONAL PLANNING COMMISSION

James A. Barresi, Executive Director

P.O. Box 911

Presque Isle, Maine 04769

STUDY: Portage Lake, Maine - Community Development Plan.
LAKE/POND: Portage Lake, Portage Lake, Maine.
DATE: February, 1972.
PURPOSE: A comprehensive community development plan. Discusses several aspects of community development: Population, Economy, Physiographic conditions and Land Capacity. These factors are then analysed in terms of the directions the town of Portage Lake may take in its development. Taken into consideration is the overall effect of development upon Portage Lake (waterbody) itself. Not a technical document but does attempt to relate land development to local water resources.
PREPARED BY: Northern Maine Regional Planning Commission (NMRPC).
AVAILABILITY: NMRPC, Presque Isle, Maine and the Maine State Planning Office, Augusta, Maine.
FORMAT: Planning Report; mimeo, pp. 85.

STUDY: Northern Maine Regional Planning Commission - Lake Study - Phase I Report.
LAKE/POND: Those lakes and ponds in Aroostook County, Maine.
DATE: April, 1969.
PURPOSE: Provide the basic data necessary for water oriented outdoor recreation planning at county, regional and statewide levels. The scope of this study includes identification of existing great ponds and adjacent areas; existing use of ponds and adjacent land areas, with emphasis on shoreline land use and development.
PREPARED BY: Edward C. Jordan Co., Inc., for the Northern Maine Regional Planning Commission (NMRPC).
AVAILABILITY: (Limited copies) NMRPC, Presque Isle, Maine and the Maine State Planning Office, Augusta, Maine.
FORMAT: Planning Study. pp. 25 and maps.

STUDY: Pleasant Lake (Phase II, Part 1).
STUDY: East Grand Lake (Phase II, part 2).
LAKE/POND: Pleasant Lake (Phase II, part 1); East Grand Lake,
(Phase II, part 2).
DATE: Pleasant Lake Study, June 27, 1972; East Grand Lake Study,
June 28, 1972.
PURPOSE: Present an environmental evaluation and a recreational plan
for Pleasant Lake and East Grand Lake which the NMRPC Lakes
Study Phase I, determined held the greatest potential for
recreational development in Aroostook County.
PREPARED BY: Northern Maine Regional Planning Commission (NMRPC).
AVAILABILITY: NMRPC, Presque Isle, Maine and the Maine State
Planning Office, Augusta, Maine.
FORMAT: Planning Studies. Part 1 - /pp. 1-21; Part 2 - /pp. 22-35.

PENOBSCOT VALLEY REGIONAL PLANNING COMMISSION

Talbot Averill, Executive Director

Bangor City Hall

Bangor, Maine 04401

STUDY: A Study of Lakeshore and Seashore Development.

LAKE/POND: Those lakes and ponds contained within the limits of the Southern part of the Penobscot Planning and Development District.

DATE: June, 1972.

PURPOSE: Summary of a survey which attempted to analyse the potential for lakeside and seashore development in the Southern part of the Penobscot Planning and Development District. Measured were: lake or pond and Penobscot Bay frontage, existing amount of shoreline development, shoreland in swamp, total development and swamp area, and the remaining area with indications of possible future shoreline development.

PREPARED BY: Penobscot Valley Regional Planning Commission (PVRPC).

AVAILABILITY: PVRPC, Bangor, Maine and the Maine State Planning Office, Augusta, Maine.

FORMAT: Study Survey; mimeo, pp. 4. Report No. LU-4.

AGENCY REFERENCE: Penobscot Valley Regional Planning Agency

NATURE OF REVISION: New Study

STUDY: Shoreland Planning Guide

DATE: October, 1973.

PURPOSE: Document to be utilized in conjunction with the Municipal Guide for Shoreland Zoning and Interim Guidelines for Shoreland Zoning and Subdivision Control, both of which were published by the Shoreland Zoning Project, University of Maine. Essentially it suggests a planning process which can be used and indicates sources of data for use in the planning process. Also provides several case studies or examples utilizing the suggested planning process and incorporating the data sources.

PREPARED BY: The Penobscot Valley Regional Planning Commission and sponsored in part by the Ford Foundation Grant administered by the Environmental Studies Center, University of Maine.

Availability: Penobscot Valley Regional Planning Commission,
31 Central Street, Bangor, Maine

FORMAT: Planning Document.

SOUTHERN MAINE REGIONAL PLANNING COMMISSION

Brian N. Chernack, Executive Director
County Court House
Alfred, Maine 04002

STUDY: A Threshold to Maine.

- See United States Department of Agriculture, Soil Conservation Service. -

STUDY: Groundwater Quality Study.

DATE: Field work and analysis from 1971 through 1973.

Publication pending prior to May, 1973.

PURPOSE: To determine the extent and quality of groundwater supplies in the Southern Maine Regional Planning Commission area. Initially this study was to have been part of an overall resource study in the Southern Maine area but it was decided to publish it individually for greater comprehension and better reproduction.

PREPARED BY: York County Regional Planning Commission (YCRPC), Alfred, Maine; supported and financed in part by the Department of Health and Welfare and the Department of Environmental Protection.

AVAILABILITY: YCRPC, Alfred, Maine (pending publication).

FORMAT: Pending publication.

-MAINE ECONOMIC DEVELOPMENT DISTRICTS-

Eastern Maine Development District

STUDY: Machias Region Study - Phase I: Environmental Planning Criteria

LAKE/POND: Referenced as a general water resource, those lakes and ponds within the watersheds of the Machias, East Machias and Chandler Rivers.

DATE: July 20, 1971.

PURPOSE: Phase I of a four phase regional study. The study utilizes the major watersheds as areas of natural resource analysis. Major areas of investigation within each watershed were "Land Capability Criteria" and "Environmental Impact Criteria".

PREPARED BY: Richard A. Gardiner and Associates for the Eastern Maine Development District, City Hall, P.O. Box 358, Brewer, Maine. 04412.

AVAILABILITY: Copies available from the Eastern Maine Development District Office.

FORMAT: Planning Report.

MAINE COLLEGES AND UNIVERSITIES

BATES COLLEGE

Lewiston, Maine

04240

STUDY: Algae in Lake Annabessacook: Response to Copper Sulfate Treatment.
LAKE/POND: Lake Annabessacook.
DATE: Summer, 1968.
PURPOSE: Study undertaken to schedule CuSO_4 treatments and evaluate the results of treatment as measured by water transparency and phytoplankton count. Some N and P determinations and water temperature included.
PREPARED BY: Student research report prepared by Dr. Robert M. Chute, Bates College. Supported by Annabessacook Lake Association and towns of Monmouth and Winthrop.
AVAILABILITY: Information available by contacting Dr. Chute, Bates College, Lewiston, Maine or the supporting lake associations.
FORMAT: Research Report.

During the summer of 1971, several one or two day surveys were made under contract by Dr. R.M. Chute to towns, individuals and associations. In each case a report was prepared, including a map of testing stations. Listed below are the lakes tested, data gathered, date tested.

AVAILABILITY: Dr. R.M. Chute, Bates College, Lewiston, Maine.

- a) LAKE: Highland Lake (Windham and Falmouth)
DATA: Total coliform bacteria and fecal coliform bacteria at 20 stations.
DATE: October 9, 1971.
- b) LAKE: Little Sebago Lake (that section in Gray, Maine).
DATA: Total and fecal coliform at nine (9) separate points, DO, P, N, Alkalinity, total hardness.
DATE: August 13, 1971.

- c) LAKE: Crystal Lake (Dry Pond), Gray, Maine.
DATA: Fecal and total coliform at seven (7) locations. D.O. and pH at three (3) depths..temperature..alkalinity, total and calcium hardness, nitrite plus nitrate, total P, chloride.
DATE: August 29, 1971.
- d) LAKE: Crystal Lake (Dry Pond), Gray, Maine.
DATA: Fecal and total coliform at 12 locations.
DATE: September 5, 1971.
- e) LAKE: Forest Lake (Gray, Windham, Cumberland).
DATA: Total and fecal coliform at seven stations. D.O. and pH at three (3) depths..alkalinity..total calcium hardness..nitrate plus nitrite..total phosphate..temperature profile.
DATE: August 29, 1971.
- f) LAKE: Hancock Pond (Denmark, Sebago).
DATA: Total fecal coliform at six (6) points..D.O. and pH at three (3) depths..Alkalinity. Total and calcuim hardness. Nitrite plus Nitrate total P..temperature profile.
DATE: August 16, 1971.
- g) LAKE: Little Sebago Lake (that portion in town of Windham).
DATA: Total and fecal coliform at 12 stations.
DATE: Summer, 1971.
- h) LAKE: Raymond Pond (Little Rattlesnake), Raymond, Maine
DATA: Total and fecal coliform at 9 locations. D.O. at three depths.
DATE: September 5, 1971.

STUDY: Monitoring Survey.
LAKE/POND: Forest Lake, Highland Lake and Raymond Pond.
DATE: June, 1972, through September, 1972.
PURPOSE: Monitor total and fecal coliform at the monitoring stations used above in a,d,g.
PREPARED BY: R.M. Chute, Professor of Biology, Bates College.
AVAILABILITY: Information available from Dr. Chute, Bates College, Lewiston, Maine.
FORMAT: Monitoring Survey.

STUDY: Study Report.
LAKE/POND: Long Lake, Brandy Pond (Bay of Naples).
DATE: 1971.
PURPOSE: Weekly testing of Long Lake, Brandy Pond (Bay of Naples) and the tributaries thereof...Total and fecal coliform, D.O., temperature, profiles, some simple chemistry.
PREPARED BY: R.M. Chute, Professor of Biology, Bates College.
AVAILABILITY: Information available from Dr. Chute, Bates College, Lewiston, Maine.
FORMAT: Report presented to the Lakes Environmental Association (Naples, Bridgton, Harrison).

STUDY: Study Report.
LAKE/POND: Long Lake, Brandy Pond, Crystal Lake*, Highland Lake (Bridgton) and Woods Pond (Bridgton).
DATE: 1972.
PURPOSE: Focus was on testing for bacteria and D.O. Lake tests were bi-weekly with significant attention paid to the above mentioned lakes' tributaries.
PREPARED BY: R.M. Chute, Professor of Biology, Bates College.

*Also known as Anonymous Pond, Harrison

AVAILABILITY: Information available from Dr. R.M. Chute, Bates College, Lewiston, Maine.

FORMAT: Report made to Lakes Environmental Association (Naples, Bridgton, Harrison).

STUDY: Report on Phytoplankton.

LAKE/POND: Those lakes and ponds which Dr. Chute has tested in the above reports.

DATE: Currently in preparation.

PURPOSE: Consolidation of phytoplankton data on vertical net plankton hauls from most of his completed lake surveys.

PREPARED BY: Dr. R.M. Chute, Professor of Biology, Bates College.

AVAILABILITY: R.M. Chute, Professor of Biology, Bates College, Lewiston, Maine.

FORMAT: Pending Publication.

STUDY: Lewiston Maine Area Lakes - Water Quality.

LAKE/POND: Range Ponds, Sabattus Pond, Sabbathday Lake, Thompson Lake, Tripp Pond.

DATE: Publication date-1973; field and compilation period - 1971.

PURPOSE: Summarize analytical data collected from selected lakes in South-western Maine during the summer of 1971. Data collected included: Temperature and D.O. profiles, Total phosphate, Ortho phosphate, Nitrogen as nitrate, Nitrogen as nitrite, Dissolved Silica, Total Coliform, Fecal Coliform and Phytoplankton.

PREPARED BY: Compiled by Robert Morrison, Department of Geology. Primary investigators: James Boyles, Department of Chemistry; Robert Wait, Department of Biology; Robert Morrison, Department of Geology; and student assistants.

AVAILABILITY: Contact Robert Morrison, Department of Geology, Bates College, Lewiston, Maine.

FORMAT: Scientific Report.

BOWDOIN COLLEGE

Brunswick, Maine

04011

STUDY: New England Check List of Fresh Water Algae.

LAKE/POND: Affects all Maine fresh water resources.

DATE: Publication Date - 1974.

PURPOSE: Make available a check list of fresh water algae found in New England - this includes Maine representatives also. The study will include a complete bibliography. The information involved spans of approximately 100 years and should be of considerable value to students of freshwater in the region.

PREPARED BY: A.H. Gustafson, Department of Biology, Bowdoin College, Brunswick, Maine.

AVAILABILITY: Until publication, the data is in Dr. Gustafson's files and he is willing to respond to inquiries about specifics.

FORMAT: Format pending publication.

COLBY COLLEGE

Waterville, Maine
04901

STUDY: Conference on Maine's Natural Resources.

LAKE/POND: Reference to Lakes and Ponds is general with occasional specific reference.

DATE: June 12, 1958.

PURPOSE: Conference purpose was to provide an open forum for a general discussion of present and future utilization of Maine's land, inland waters and coastal resources.

PREPARED BY: Colby College, Waterville, Maine.

AVAILABILITY: Maine Libraries.

FORMAT: Conference Notes.

NASSON COLLEGE

Springvale, Maine

04083

The following studies were done by Dr. Robert H. Ciullo of Nason College with one report done by a student at Nason. The purpose of the studies was to gather water quality data for use in present and future correlation and analysis. Parameters checked in all studies were: total coliform, turbidity, phytoplankton, pH, nitrate nitrogen, total phosphorus, phosphorus (PPM), relative water flow (qualitative), secchi disc, hardness, alkalinity, BOD, ODI, dissolved oxygen, detergent, and water temperature. Beginning in 1972 fecal coliform was measured in all lakes and ponds monitored.

A possible future project by Dr. Ciullo will be the Study of the Mousam River Watershed and would include Square Pond, Bunganut Pond, Mousam Lake and Loon Pond.

Copies of the studies completed by Dr. Ciullo are available from the Southern Maine Regional Planning Commission; Maine Department of Inland Fisheries and Game; and Dr. R.H. Ciullo at Nason College, Springvale, Maine.

STUDY: Deering Pond Data Analysis from 1966 to 1969, York County, Maine.
LAKE/POND: Deering Pond.
DATE: 1966 to 1969.
PURPOSE: Compilation of all available data on Deering Pond collected by Nason College Biology Staff and students (data also collected yearly since 1969 on a continuing study basis).
PREPARED BY: Andrew Longley, Senior Biology Student.
PUBLICATION
FORMAT: Nason Bionotes, Volume 7, Number 2, July, 1970.

For information on the following studies by Dr. Ciullo see the section listed as - OTHER PRIVATE.

STUDY: Final Report on the Water Quality Information and Analysis Program of Long Lake and its Tributaries, Cumberland County, Maine.

STUDY: Final Report on the Water Quality Study Program of Estes Lake
and its Tributaries, York County, Maine.

STUDY: Final Report on the Water Quality Monitoring Program for Mousam Lake.

STUDY: Final Report on the Water Quality Monitoring Program for Kezar Lake.

STUDY: Final Report on the Water Quality Study Program of Little Ossipee
Lake, York County, Maine.

RICKER COLLEGE

Houlton, Maine

04730

The studies listed below by Dr. Allen Schark, Professor of Biology, Ricker College, were included in a report to the W.K. Kellogg Foundation on an environmental studies project which the foundation funded. The work that was done was preliminary in nature but may be useful to others pursuing more thorough work. Information on the nature of the work done and its availability may be gained by contacting Dr. Schark.

STUDY: Stream Bottom Organisms of the Allagash Wilderness Waterway.
LAKE/POND: Allagash River, Allagash Stream, Mud Pond, and Mud Pond Stream, Soper Brook.
DATE: June and July, 1972.
PURPOSE: Part of an environmental studies project sponsored by Ricker College focusing on the St. John's watershed.
PREPARED BY: Dr. Howard Trotsky for inclusion in the following report.
FORMAT: Appendix III-A of "The Ricker College Project, Introducing a Program of Environmental Studies: A Report to the W.K. Kellogg Foundation". Available from the Development Office, Ricker College, Houlton, Maine. 04730.

STUDY: A Preliminary Test of the Stream Bottom Organisms of the Meduxnekeag River, Maine.
LAKE/POND: Meduxnekeag River.
DATE: July, 1972.
PURPOSE: Part of an environmental studies project sponsored by Ricker College focusing on the St. John's watershed.
PREPARED BY: Dr. Howard Trotsky for inclusion in the following report.
FORMAT: Appendix III-C of "The Ricker College Project, Introducing a Program of Environmental Studies: A Report to the W.K. Kellogg Foundation". Available from the Development Office, Ricker College, Houlton, Maine 04730.

STUDY: A Preliminary Comparison of Stream Bottom Organisms of the Allagash Waterway and the Meduxnekeag River, Maine.
LAKE/POND: Mud Pond and Stream, Allagash Stream, Soper Brook, Allagash River.
DATE: June and July, 1972.
PURPOSE: Part of an environmental studies project sponsored by Ricker College on the St. John's Watershed.
PREPARED BY: Dr. Allen Schark for inclusion in the following Report.
FORMAT: Appendix IV of "The Ricker College Project, Introducing a Program of Environmental Studies: A Report to the W.K. Kellogg Foundation". Available from the Development Office, Ricker College, Houlton, Maine. 04730

STUDY: Surface Water Chemistry Readings on the Allagash Water and the Meduxnekeag River.
LAKE/POND: Mud Pond, Little Round Pond, Allagash Lake, Eagle Lake, Allagash River, Round Pond, Meduxnekeag River.
DATE: June and July, 1972.
PURPOSE: Part of an environmental studies project sponsored by Ricker College on the St. John's Watershed.
PREPARED BY: Dr. Allen Schark for inclusion in the following report.
FORMAT: Appendix VI-A of "The Ricker College Project, Introducing a Program of Environmental Studies: A Report to the W.K. Kellogg Foundation". Available from the Development Office, Ricker College, Houlton, Maine 04730.

STUDY: Water Temperature Profiles on the Allagash Waterway.
LAKE/POND: Mud Pond, Chamberlain Lake, Allagash Lake, Eagle Lake, Round Pond.
DATE: June and July, 1972.

PURPOSE: Part of an environmental studies project sponsored by Ricker College on the St. John's watershed.

PREPARED BY: Dr. Allen Schark for inclusion in the following report

FORMAT: Appendix VI-B of "The Ricker College Project, Introducing a Program of Environmental Studies: A Report to the W.K. Kellogg Foundation". Available from the Development Office, Ricker College, Houlton, Maine. 04730.

STUDY: A List of Aquatic Plants Found in the Allagash Waterway.

LAKE/POND: Lakes, ponds and streams of the Allagash waterway.

DATE: June and July, 1972.

PURPOSE: Part of an environmental studies project sponsored by Ricker College on the St. John's watershed.

PREPARED BY: Dr. Allen Schark for inclusion in the following report

FORMAT: Appendix VII of "The Ricker College Project, Introducing a Program of Environmental Studies: A Report to the W.K. Kellogg Foundation". Available from the Development Office, Ricker College, Houlton, Maine. 04730.

UNITY COLLEGE

Quaker Hill
Unity, Maine
04988

STUDY: The Limnology of Unity Pond (Lake Winnecook), Unity, Maine.
LAKE/POND: Lake Winnecook, Waldo County, Maine.
DATE: September, 1972 - Initiation date, project duration, hopefully,
through 1975.
PURPOSE: Gather information on the present condition of the lake and
identify pollution situations.
PREPARED BY: Charles F. Rabeni, Assistant Professor, Department of Natural
Resources Management, Unity College, Unity, Maine.
AVAILABILITY: C.F. Rabeni, Unity College.
FORMAT: Pending Publication.

STUDY: Determination of Pollution Inputs and Preliminary Data on the
Present State of Eutrophication of Webber Pond, Vassalboro, Maine.
-See Publications of North Kennebec Regional Planning Commission-

UNIVERSITY OF MAINE

-University of Maine-
Orono, Maine 04473

-University of Maine-
Farmington, Maine 04938

-Environmental Studies Center-
(Land and Water Resources Center)
11 Coburn Hall
University of Maine
Orono, Maine 04473

-University of Maine School of Law-
246 Deering Avenue
Portland, Maine

UNIVERSITY OF MAINE

Orono, Maine 04473

Department of Agriculture and Resource Economics

Department of Animal and Veterinary Science

Department of Chemical Engineering

Department of Entomology

Department of Geological Sciences

Department of Plant and Soil Sciences

Cooperative Fishery Unit

The Graduate School

UNIVERSITY OF MAINE

Farmington, Maine 04938

STUDY: Seasonal Home Residents in Five Maine Communities
(Socio-Economic Characteristics, Use Patterns and
Environmental Attitudes)

LAKE/POND: Areas studied and surveyed were adjacent to, or in very close proximity to Eagle Lake-Eagle Lake, Aroostook County; Sebasticook Lake-Newport, Penobscot County; and Lake Maranacook-Winthrop, Kennebec County. Two coastal communities were also surveyed.

DATE: December, 1972. Data collection period - 1970 and 1971.

PURPOSE: "Attempts to identify pertinent socio-economic characteristics of seasonal residents in Maine, to ascertain the use patterns and future plans of these residents, and to describe their attitudes toward certain aspects of these seasonal communities environmental quality". Data is presented in descriptive tables. Statistical analysis of the data contained in this report and used in its compilation is presented in an unpublished master's degree thesis: Environmental Concerns related with Socio-Economic Characteristics of Seasonal Home Residents in Five Maine Communities, by Frederick W. Todd, Department of Agricultural and Resource Economics, University of Maine at Orono, 1972.

PREPARED BY: D.M. Tobey, Assistant Professor of Agriculture and Resource Economics, Department of Agricultural and Resource Economics University of Maine, Orono, Maine.

AVAILABILITY: Life Sciences and Agricultural Experiment Station, University of Maine, Orono, Maine.

FORMAT: Bulletin 700: Life Sciences and Agricultural Experiment Station, University of Maine at Orono. A Northeast Regional research project (NE-65) was launched in 1968 under the title - Economic Analysis of Environmental Quality Effects Associated with Seasonal Homes. Maine was one of the five member participants in the project.

STUDY: Utilization of Plants and Shellfish Associated with Fresh Water Eutrophic Conditions as Poultry Ration Components.

LAKE/POND: Pushaw Lake, Pickerel Pond (Mud Pond) and Pushaw Stream.

DATE: July 1, 1972 - June 30, 1975.

PURPOSE: To investigate the long-term feasibility of maintaining energy balance in watersheds by harvesting plants and shellfish associated with eutrophic situations in which the harvested materials will be processed for subsequent incorporation into poultry or ruminant rations.

PREPARED BY: D.C. O'Meara, Department of Animal and Veterinary Sciences, University of Maine at Orono

FORMAT: Research findings will be published in the form of referred professional journal papers or bulletins, miscellaneous reports, etc., of the Life Sciences and Agriculture Experiment Station, University of Maine at Orono.

STUDY: Persistence of DDT in Lotic Ecosystems.

LAKE/POND: Numerous streams and brooks in Northeastern Maine.

DATE: 1966-1970.

PURPOSE: To determine the length of time that DDT continues to contaminate watersheds after application to forest lands.

PREPARED BY: J.B. Dimond, Department of Entomology, 312 Deering Hall, University of Maine, Orono, Maine.

FORMAT: J.B. Dimond, A.S. Getchell, and J.A. Blease, 1971, "Accumulation and Persistence of DDT in a Lotic Ecosystem.", Journal of Fisheries Research Board of Canada, 28: 1877-1882. J.B. Dimond, R.E. Kadunce, A.S. Getchell and J.A. Blease, 1968, "Persistence of DDT in Crayfish in a Natural Environment", Ecology, 49: 759-762.

STUDY: Effects of Insecticide Applications on Aquatic Insect Populations.
LAKE/POND: Numerous streams and brooks in Northeastern Maine.
DATE: 1964-1971.
PURPOSE: To determine impact of forest applications of insecticides on aquatic invertebrate population.
PREPARED BY: J.B. Dimond, Department of Entomology, University of Maine, Orono, Maine.
FORMAT: J.B. Dimond, 1967. Pesticides and Stream Insects: 1. Effect of an Experimental Application of Malathion; 2. Recovery of Insect Populations in DDT-Sprayed Streams. Bulletin No. 23, Maine Forest Service and the Conservation Foundation (Washington, D.C.), 21 p. J.B. Dimond, and S.A. Malcolm. 1971. Accothion and Aquatic Insects: Monitoring of Stream Populations. In Environmental Studies of Accothion for Spruce Budwork Control. State of Maine, Departments of Forestry, Agriculture, Inland Fisheries and Game, Sea and Shore Fisheries, Health and Welfare; University of Maine; United States Department of the Interior, Bureau of Sport Fishery and Wildlife; United States Department of Agriculture, Forestry Service. 103 p. J.B. Dimond, S.A. Malcolm, and G.K. VanDerwerker. 1972. Zectran and Aquatic Insects: Comparison with Other Insecticide. Environmental Entomology. 1: 459-463.

STUDY: Phosphate Retention by Lake Sediments.
LAKE/POND: Cobbosseecontee Lake, Annabessacook Lake, Marranacook and Sebasticook Lake.
DATE: July 1969 - June, 1973.
PURPOSE: To elucidate the influence of various factors governing the equilibria between phosphorus in lake waters and phosphorus in lake sediments and to evaluate the long-range effect of phosphate retention by lake sediments on the eutrophication of lakes.

PREPARED BY: Professor Erik Lotse, Department of Plant and Soil Science, University of Maine at Orono, and S. Kuo.

AVAILABILITY: Thesis work is available at the special collections, Folger Library, University of Maine, Orono; copies of scientific publications are available at those departments mentioned and in relevant journals or magazines.

FORMAT: Kuo, S., 1972, Phosphate Adsorption by Some Clay Minerals and Lake Sediments, PhD Thesis, University of Maine at Orono.
Kuo, S. and E.G. Lotse, 1972, Kinetics of Phosphate Adsorption by Calcium Carbonate and Ca-Kaolinite, Soils Science; Society of American Proc., pp. 36: 725-729.
Kuo, S. and E.H. Lotse, 1972, Kinetics of Phosphate Adsorption and Desorption by Hematite and Gibbsite, Soil Science (In Press).
Kuo, S. and E.G. Lotse, 1972, Kinetics of Phosphate Adsorption and Desorption by Lake Sediments. (Manuscripts).

STUDY: The Historic and Present Relationships between Phytoplankton, Limiting Nutrients, and Sediment. Water Geochemical Processes in Selected Maine Lakes.

LAKE/POND: Fish River Lake, China Lake, Tunk Lake, Embden Pond.

DATE: Fiscal 1973 (7/72-6/73) with the possibility of an extension to 1974 with additional lakes included.

PURPOSE: Document floral and faunal taxa and relate to human development on lake water and sediments.

PREPARED BY: Stephen A. Norton, Associate Professor of Geological Sciences, U.M.O.; Ronald B. Davis, Associate Professor of Botony and Geological Sciences, U.M.O.; Dennis Sasseville, Graduate Student in Geological Science. Federal Aid Project.

AVAILABILITY: Information on project available from R.B. Davis or S.A. Norton, University of Maine, Orono, Maine.

FORMAT: Pending completion.

STUDY: Induced Air Mixing of Large Bodies of Polluted Water.

LAKE/POND: Study results may be applied to possible induced air mixing systems for natural and artificial water reservoirs.

DATE: Publication date, November, 1970.

PURPOSE: Conduct preliminary research on induced-air mixing of large bodies of water. Research was made on a pilot scale (250 gallons) for the purpose of investigating the factors of importance in the design of induced air-mixing systems for natural and artificial water reservoirs.

PREPARED BY: Department of Chemical Engineering, University of Maine, Orono.

AVAILABILITY: Through the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20202 (Price-60¢).

FORMAT: Scientific Report. "Induced Air Mixing of Large Bodies of Polluted Water". Water Pollution Control Research Series: 16080, D.W.P., November, 1970.

The following studies of the Cooperative Fishery Unit at the University of Maine, Orono, were independent studies conducted and supported by the University of Maine. Some of the general study areas were extensions of work done and data gathered under the Dingell-Johnson Federal Aid Projects of the Maine Department of Inland Fisheries and Game, but were not financed by, or part of, the Federal Projects. Scientific Reports and Theses from the studies are available from Folger Library, University of Maine, Orono, and the Maine Cooperative Fishery Unit, University of Maine, Orono, Maine.

STUDY: Landlocked Alewives as Forage for Landlocked Salmon.

LAKE/POND: Echo Lake, Mount Desert.

DATE: June 1967 - date (continuing).

PURPOSE: Follows development of alewife population since first introduction in 1966. Suitability of alewives as forage for salmon, utilization by salmon in comparison to other food items. Physical and chemical observations on Echo Lake included. Will include study of competition between alewives and smelts for food and space with extensive plankton work.

PREPARED BY: Graduate students, Maine Cooperative Fishery Unit.
FORMAT: Two formal papers, two Master's theses, so far. One more Master's and one PhD thesis anticipated.

STUDY: Standing Crop and Yield in Warmwater Fisheries.
LAKE/POND: South Branch Lake, Seboeis.
DATE: 1971-1973.
PURPOSE: Estimate population parameters for white perch and small-mouth bass. Yield to anglers as a function of population size and growth rates. Factors affecting first year survival of small-mouth bass including extensive zooplankton analysis. Creel census for yield.

PREPARED BY: Graduate Students, Maine Cooperative Fishery Unit.
FORMAT: One Master's thesis completed. Three Master's theses and several journal papers anticipated.

STUDY: Crayfish Distribution and Utilization by Warmwater Fish in the Union River Drainage.
LAKE/POND: Abrams Pond and Webb Pond, Eastbrook.
DATE: 1968-1969.
PURPOSE: Entire Union River drainage surveyed for distribution of two species of crayfish. Biology of the two species and their utilization by fish studied extensively in Webb Pond. Growth of white perch and smallmouth bass in Webb Pond compared to those in Abrams Pond (no crayfish). Reports one species new to Maine. Include chemical analyses of Abrams and Webb Pond water.
PREPARED BY: William F. Reid, Jr., Maine Cooperative Fishery Unit.
FORMAT: Master's thesis, journal paper in press (fall - 1972).

STUDY: Class Demonstration Project.
LAKE/POND: Alamoosook Lake and Craig Pond, Orland.
DATE: May of each year; 1964 to date.
PURPOSE: Not a research project. Limnology class visits these two lakes each spring to learn use of limnological gear and to make limnological survey. Considerable physical and chemical data collected over the years. List of local fauna.
PREPARED BY: Maine Cooperative Fishery Unit.
FORMAT: None.

The following studies are theses done by students of the Graduate School and are included here to show the general range of work of limnological significance which has been done by the University of Maine. This list is not felt to be a final one but contains those studies which could be located, that directly deal with a specific lake or relate in some way to the limnology of lakes in general.

These materials are available for viewing at the Special Collections Section of Folger Library, University of Maine, Orono, Maine. (Thesis work may not be reproduced or copied without the explicit permission of the University Library).

STUDY: A Quantitative and Qualitative Study of Cladocera and Copepoda of Pushaw Lake.
LAKE/POND: Pushaw Lake, Penobscot County, Maine.
DATE: July through September, 1948 - field work period.
February, 1949 - publication date.
PURPOSE: Add to existing knowledge of fresh-water plankton forms.
Deals with the ecological relationships of plankton and performs a quantitative analysis of data which was recorded.
PREPARED BY: Gerardus C. deRoth, Graduate School, University of Maine, Orono.
FORMAT: Master's Thesis.

STUDY: The Use of Aerial Photographs in Studies of Marsh Vegetation
LAKE/POND: Many lakes and ponds in Maine are either bordered on by marshland or are part of a marsh system.
PURPOSE: Attempt to determine the value of aerial photographs in obtaining information relative to marsh vegetation. Information obtained, it was felt, would be useful in future wetland investigations.
PREPARED BY: David P. Olsen, Graduate School, University of Maine, Orono.
FORMAT: Master's Thesis.

STUDY: Algal Growth Potential Studies in Lake Sebasticook, Maine
LAKE/POND: Lake Sebasticook, Penobscot County, Maine.
DATE: January, 1971.
PURPOSE: Algal growth potential studies use of in vivo chlorophyll fluorescence technique to Study (AGP). Test organism was Anabaena flus-aquae.
PREPARED BY: Gerald D. Parmenter, Graduate School, University of Maine, Orono.
FORMAT: Master's Thesis.

STUDY: A Waterfowl Survey of the Lincoln, Maine Area.
LAKE/POND: Snag Pond, Eskutassis Stream, Folsom Pond, Mattanawcook Lake, Upper Pond, Long Pond, Caribou Pond, Egg Pond, Cambolasse Pond, Cold Stream Pond, Upper Cold Stream Pond, Dwinal Pond, Little Eskutassis Lake, Eskutassis Lake, Mill Pond.
DATE: Field work - spring through fall, 1938.
Publication date - 1939.
PURPOSE: Comprehensive waterway survey of area frequented by waterfowl. Contains lake/pond description with some qualitative data. Overall game-management thesis but deals to a certain extent with the named lakes and factors which affect waterfowl which use them for feeding grounds and flyway stops.
PREPARED BY: Kay Schooling Gashwiler, Graduate School, University of Maine, Orono.
FORMAT: Master's Thesis.

STUDY: A Limnological Study of Anasagunticook Lake in Oxford County, Maine - In Relation to the Game Fish Population.
LAKE/POND: Anasagunticook Lake, Oxford County.
DATE: June through October, 1937 - work period.
Publication date - June, 1938.
PURPOSE: Determine present (1937-1938) status of the game fish population, explain reasons for the decline of the salmon population, and make corrective management recommendations.
PREPARED BY: Joel W. Marsh, Graduate School, University of Maine, Orono.
FORMAT: Master's Thesis.

STUDY: Study of Land Use at Upper Narrows Pond, Winthrop, Maine.
LAKE/POND: Upper Narrows Pond, Winthrop, Maine.
DATE: August, 1969.
PURPOSE: Examine the socio-economic relationships of the population to the land and water resources at Upper Narrows Pond. The period of concern and investigation was between 1950 and 1969. Report deals essentially with an area which has no partial or comprehensive land use plan.
PREPARED BY: Whitney Hodgkins, Graduate School, University of Maine, Orono.
FORMAT: Master's Thesis.

STUDY: The White Perch Monroe Americana (G melia).
LAKE/POND: Sebasticook Lake, Maine.
DATE: January, 1956.
PURPOSE: Provide additional facts to better manage the white perch Monroe Americana. The biological characteristics of Sebasticook Lake were determined and the problems of pollution, weed growth and plankton blooms investigated.
PREPARED BY: Roger P. AuClair, Graduate School, University of Maine, Orono.
FORMAT: Master's Thesis.

STUDY: Aquatic Insects of a Maine Farm Pond.
LAKE/POND: Farm Pond at Highmoor Farm, Monmouth, Maine.
DATE: 1956-1957.
PURPOSE: To study the insect farms of a Central Maine farm pond.
PREPARED BY: D.F. Mairs.
AVAILABILITY: Unpublished master's thesis on file at the University of Maine, Orono, Entomology Department.
FORMAT: Master's Thesis.

STUDY: Environmental Concerns Related with Socio-Economic Characteristics of Seasonal Home Residents in Five Maine Communities.
LAKE/POND: Areas originally studied in D.M. Tobey's Seasonal Home Residents in Five Maine Communities (1972), Bulletin 700; Life Sciences and Agricultural Experiment Station, University of Maine at Orono; Eagle Lake, Eagle Lake-Aroostook County; Sebasticook Lake, Newport-Penobscot County; Lake Maranacook, Winthrop-Kennebec County; two coastal communities were also surveyed. Data collected in D.M. Tobey's study were analysed to produce this study.
DATE: August, 1972.
PURPOSE: "The relationship between various socio-economic characteristics and types of environmental concerns were determined for seasonal home residents in five Maine seasonal home communities. Of the eight socio-economic characteristics considered, age of seasonal resident was the best indicator of environmental concern. In general, it appeared that those seasonal residents surveyed tended to differentiate between seasonal homes and other aspects of their community when considering the quality of the local environment." The primary importance of the study is that it attempts to gain a better understanding of user behavior in terms of seasonal home residents in Maine.

PREPARED BY: Frederick Winfield Todd, The Graduate School, University of
Maine, Orono, Maine.

AVAILABILITY: Special Collections, Folger Library, University
of Maine, Orono, Maine.

FORMAT: Unpublished Master's Thesis.

-UNIVERSITY OF MAINE, FARMINGTON, MAINE-

STUDY: A Study of Algal Blooms in Three Maine Lakes.

LAKE/POND: Maranacook, Annabessacook and Cobbosseecontee lakes.

DATE: June 5, 1968 through August 19, 1968.

PURPOSE: An attempt was made to correlate chemical or physical changes
that pre-empt algal blooms.

PREPARED BY: Vance M. Wells, Jr., Professor of Biology, University of Maine,
Farmington, Maine.

AVAILABILITY: Vance M. Wells, Jr., University of Maine,
Farmington, Maine.

FORMAT: Working Paper.

ENVIRONMENTAL STUDIES CENTER *

LAND AND WATER RESOURCES CENTER *

* Note/: Prior to an Institution
-Name-Change in 1971, the Centers
listed above were referred to as the
WATER RESOURCES CENTER, Orono, Maine.

STUDY: Workshop-Conference on Reclamation of Maine's Dying Lakes.

LAKE/POND: General and specific reference to Maine's Lakes and Ponds.

DATE: Publication date - June, 1971. Conference date - March 24 through March 25, 1971.

PURPOSE: Problem areas dealt with: Eutrophication - the problem - the extent; Inland Lake Renewal - Corrective Techniques - Demonstration Methods - Successes - Failures; Preventing the Problem: Part I - Land Use, Law and Planning Considerations. Part II - Technical Support Considerations, Lake Annabessacook Case Study, The Problem (Description: History of Pollution and Public Response). Concluding Address: The Law and the Lakes, Orlando Delogue, University of Maine School of Law. Panel members included Federal, State, Local, and Private officials from Maine and other States.

PREPARED BY: Water Resources Center, University of Maine, Orono, Maine. Sponsored by several private and public organizations.

AVAILABILITY: Land and Water Resources Center, University of Maine, Orono.

FORMAT: Conference Proceedings. Conference Report No. 2.

STUDY: Cultural Eutrophication of Maine Lakes.

LAKE/POND: Sabattus Pond, Androscoggin County; Sebasticook Lake, Penobscot County; Toothaker Pond, Franklin County; Webber Pond, Kennebec County; Cobbosseecontee Lake, Kennebec County; Togus Pond, Kennebec County; Three Mile Pond, Kennebec County; Annabessacook Lake, Kennebec County; Taylor Pond, Androscoggin County; Schoodic Lake, Washington County; Pushaw Lake, Penobscot County; Estes Lake, York County; Bauneg Beg Lake, York County; Little Ossipee Lake, York County; Spaulding Pond, York County; Middle Range Pond, Androscoggin County; North Pond, Kennebec County; Pattee Pond, Kennebec County; Lovejoy Pond, Kennebec County; Cochnewagon Pond, Kennebec County; Bonny Eagle Lake, York County.

DATE: September, 1970.

PURPOSE: Inventory (in response to a request by the Federal Water Quality Administration for inventory data on lakes "whose uses are considered to be seriously impaired as a result of deterioration of water quality"). The list was compiled by State and University representatives on an ad hoc basis. There were time and information limitations involved, thus this list is not considered absolute. Contains basic data and general recommendations.

PREPARED BY: Ad Hoc Committee on Problem Lakes, for the Water Resources Center, Orono, Maine.

AVAILABILITY: Land and Water Resources Center, University of Maine, Orono.

FORMAT: Information Memorandum.

STUDY: An Evaluation of the Environmental Effects of Residence Patterns on Four Recreation Oriented Maine Lakes. (Summary Report).

LAKE/POND: Lake George, Pushaw Pond, Madagascal Pond, Parks Pond.

DATE: September 6, 1971. Research June 7, 1971 through August 27, 1971.

PURPOSE: Assessment of the environmental characteristics of recreational development on four Maine lakes each developed with either public or private establishments. The study also tried to establish guide lines for future recreational development of the four lakes studied and other lakes undergoing similar development where applicable.

PREPARED BY: National Science Foundation, Student Oriented Studies (SOS), Lake Study Group, University of Maine, Orono. Published by the Water Resources Center, University of Maine, Orono, Maine.

AVAILABILITY: A detailed report of methods, findings, and conclusions was published by the Water Resources Center. The above report is a summary of that detailed report. Both are available at the Land and Water Resources Center, University of Maine, Orono.

FORMAT: Scientific Study.

STUDY: Water Resources Research Interests in the Colleges and Universities of Maine.
DATE: August, 1969.
PURPOSE: To list individuals in the colleges and universities of Maine who have an interest in water resources research, those who were then engaged in research and those whose research was supported in part by federal funds.
PREPARED BY: Water Resources Center, University of Maine, Orono, Maine.
AVAILABILITY: Land and Water Resources Center, Orono, Maine.
FORMAT: Inventory of Water Resource Research.

STUDY: Water Quality and Recreational Land Use.
LAKE/POND: Reference is to Water Quality in general.
DATE: March, 1971.
PURPOSE: Deals with recreational land use and its effect upon water quality as a result of the waste created and present pollution disposal systems. Areas of discussion: The virus problem, nutrients, and research on soils retention. Several Maine studies are referenced.
PREPARED BY: M.W. Hall and Otis J. Sproul, Department of Civil Engineering, University of Maine, Orono, Maine; for the Water Resources Center, University of Maine, Orono, Maine.
AVAILABILITY: Department of Civil Engineering, University of Maine, Orono.
FORMAT: Scientific Report. Public Works. March, 1971. pp. 52-56.

STUDY: Water Quality Degradation by Septic Tank Drainage.
LAKE/POND: Report deals with soils found adjacent to many Maine lakes and ponds.
DATE: June, 1970.

PURPOSE: "Determine the extent of phosphorus retention by selected Maine soils. Soils selected for study were Adams, Plaisted and Paxton series. Jar tests were undertaken to determine the rate and extent of phosphorus fixation in the selected soils. Parameters investigated in this portion of the study included pH, temperature, soil particle size, initial soluble phosphorus concentration in the system, and time exposure. Leaching studies were conducted to determine the effect of various ions on the leaching process, and freeze thawing experiments were performed to further investigate the travel of phosphorus through these soils under varying environmental conditions". Soil column studies were also conducted.

PREPARED BY: M.W. Hall, Ph.D., Assistant Professor of Engineering, University of Maine, Orono, Maine; for the Water Resources Center.

AVAILABILITY: Land and Water Resources Center, 11 Coburn Hall, University of Maine, Orono, Maine.

FORMAT: Project Report. Project No. A-014-ME.

STUDY: An Investigation of the Causes, Effects, and Control of Eutrophication in Maine Lakes.

LAKE/POND: Annabessacook Lake, Maranacook Lake, Cobbosseecontee Lake, Sebasticook Lake.

DATE: Interim report date - July, 1971; project period - July, 1969 to June, 1972.

PURPOSE: Lake eutrophication investigation. Partial pprofile sampling done; parameters checked: Secchi disc transparency, dissolved oxygen, temperature, pH, alkalinity, phosphorus, nitrogen, chemical oxygen demand, filterable and dissolved solids and eight trace metals were determined at each sampling.

PREPARED BY: M.W. Hall, Ph.D., Department of Civil Engineering, University of Maine, Orono, Maine, for the Water Resources Center, Orono, Maine.

AVAILABILITY: Land and Water Resources Center, 11 Coburn Hall, University of Maine, Orono, Maine.

FORMAT: Project Report.

STUDY: Shoreland Zoning Project.

LAKE/POND: Zoning recommendations developed by the Shoreland Zoning Project designed to affect all navigable lakes, ponds, rivers and salt water bodies contained within or adjacent to the organized townships and plantations in the State of Maine.

DATE: Project initiation - 1972; project completion - May, 1973.

PURPOSE: To assist Maine towns and plantations with advice and financial assistance in drawing up plans and recommendations for the zoning of shorelands on all navigable waters, until such time that State agencies responsible prepare comprehensive standards and provide assistance for said zoning.

The project is funded through the University of Maine Environmental Studies Center, Orono, Maine by a Ford Foundation grant.

At present several organizations and various projects have been funded to help accomplish the goals of the Shoreland Zoning Project:

- Androscoggin Valley Regional Planning Commission for technical aid to communities
- Southern Maine Regional Planning Commission for mapping to aid communities.
- Hancock County Regional Planning Commission for mapping to aid communities.
- North Kennebec Regional Planning Commission for preparation of a guide manual for the planning and zoning of communities.
- Penobscot Valley Regional Planning Commission for guidance standards in (zoning) land use along a major river.
- Washington County, Bath-Brunswick, and Knox Regional Planning Commissions for work with their communities.
- Preliminary State water use plan (map).
- Legal assistance contract for work in water and zoning law fields.
- Natural Resources Council for distribution of a Maine natural areas inventory and assistance on how to include those areas in protection districts, to Maine communities.

-Cobbossee Watershed District demonstration project in which planning assistance will be given to the district for zoning of the watersheds shorelands.

-Demonstration project in which an individual is given training at the University of Maine, Orono, in a local leadership development program designed to give laymen some background expertise for developing local shoreland zoning projects.

These and several other projects which are presently being funded will enable more functional and effective zoning of Maine's lakes, ponds, rivers, and salt water bodies.

PREPARED BY: University of Maine, Shoreland Zoning Project, Environmental Studies Center; Project Director, William H. MacDonald.

AVAILABILITY: Information on project available by contacting project recipients or Mr. W. MacDonald, Shoreland Zoning Project, Environmental Studies Center, University of Maine, Orono, Maine 04473.

FORMAT: Project related.

STUDY: Interim Guidelines for Zoning and Subdivision Control.

LAKE/POND: All navigable ponds, lakes, rivers, and salt water bodies contained within or adjacent to the organized townships and plantations in the State of Maine.

DATE: October, 1972.

PURPOSE: To assist municipalities in complying with the provisions of the Mandatory Zoning and Subdivision Control Statute (Title 12, M.R.S.A. Section 4811-4814) the Department of Environmental Protection and the Land Use Regulation Commission have agreed to issue the following guidelines. These guidelines will serve as the basis for subsequent review and approval of municipal ordinances submitted in accordance with that law.

PREPARED BY: Shoreland Zoning Project, University of Maine, assisted by the Department of Environmental Protection, State Planning Office, and other State Departments.

PREPARED BY: (continued)

AVAILABILITY: Department of Environmental Protection,
Augusta, Maine and the Shoreland Zoning Project, Environ-
mental Studies Center, University of Maine, Orono, Maine.

FORMAT: Planning guidelines.

STUDY: Effects of Burrowing Tubeficid Worms on the Exchange of
Phosphorus Between Lake Sediments and Overlying Water.

LAKE/POND: General application.

DATE: Project Period - July, 1971 through June, 1974.

PURPOSE: "The exchange of nutrients between lake water and bottom
sediment may be affected significantly by burrowing animals
which increase the rate of contact between sediment and over-
lying water. Tubeficid worms occur almost universally as
lake herpobenthos and are significant in affecting sediment
redox and pH profiles. Experiments are being carried out to
determine the influence of tubeficids on the exchange of
phosphate."

PREPARED BY: Roland B. Davis, Ph. D., Associate Professor, Department of
Botany and Plant Pathology and Department of Geological
Sciences, University of Maine, Orono, Maine. Federally
financed and administered by the Environmental Studies Center,
11 Coburn Hall, University of Maine, Orono, Maine.
AVAILABILITY: Information on project available from the
Environmental Studies Center, University of Maine, Orono, Maine.

FORMAT: Research project No. A-022-ME.

STUDY: Effect of Animal Wastes Applied to Soils on Surface and Groundwater Systems.

LAKE/POND: General application

DATE: Project Period - July, 1970 through June, 1972.

PURPOSE: "To determine the rate and extent of lateral and vertical movement of nitrate, phosphate, and other ions through soils as the result of large surficial applications of animal waste." Information gained from this project will be important in determining the effect which manure spreading and stockpiling has upon the nutrient budget of adjacent surface waters.

PREPARED BY: Frederick E. Hutchinson, Ph. D., Dean of Department of Plant and Soil Sciences, University of Maine at Orono. Federally financed and administered through the Environmental Studies Center, 11 Coburn Hall, University of Maine, Orono, Maine.

AVAILABILITY: Information on project available from the Environmental Studies Center, University of Maine, Orono.

FORMAT: Research Project No. A-020-ME.

AGENCY REFERENCE: University of Maine, Environmental Studies Center,
Orono, Maine p. 128.

NATURE OF REVISION: Study Update

STUDY TITLE AND (Shoreland Zoning Project) Shoreland Zoning: The Maine
SUMMARY: Experience, 1972-1973.

Final report to the Ford Foundation which sponsored the Shoreland Zoning Project. Description of the way in which activities and land use in shoreland areas should be carried out, and an evaluation of the impact of these land uses on the quality of Maine Waters. Report is currently in the final draft stages but should be ready for publication by summer, 1974. Availability can be established by contacting the Environmental Studies Center, 11 Coburn Hall, University of Maine, Orono, Maine.

UNIVERSITY OF MAINE SCHOOL OF LAW

STUDY: Maine Law Affecting Marine Resources.

LAKE/POND: Reference is primarily addressed to problems associated with the ocean but it contains occasional references to matters affecting inland waters.

DATE: Publication dates: Volume I-1969; Volume II-1970; Volume III-1970; Volume IV-1970.

PURPOSE: Survey of Maine's law having an impact on the exploitation of her natural resources. Areas of law and its administration surveyed were: Volume I - State Government Organization: Agencies dealing with marine resources.

Volume II: State Public and Private Rights, privileges and powers.

Volume III: Regulation of the Coast: Land and Water Uses.

Volume IV: Resources from the Sea and Federal Limitations on State Control.

PREPARED BY: Harriet P. Henry, Research Associate in Marine Law, University of Maine School of Law and David J. Halperin, Professor of Law, University of Maine Law School. Jointly sponsored by the School of Law of the University of Maine and the National Science Foundation, Office of Sea Grant Programs.

AVAILABILITY: School of Law of the University of Maine, Portland, Maine, and most libraries in Maine.

FORMAT: Partial Study Report. Four volumes, pp. 904.

STUDY: Effluent Charges: A Method of Enforcing Stream Standards.

LAKE/POND: Reference to Lakes and Ponds as part of a general water resource.

DATE: 1967.

PURPOSE: Describe "the economic dislocations which arise when some producers can shift a cost of production on to others; the economists response in the form of transfer payments, and the corrective results in terms of economic readjustment and pollution control which effluent charge is capable of producing".

PREPARED BY: Orland E. Delogu, Associate Professor of Law, University of Maine School of Law, Portland, Maine.

AVAILABILITY: Law Library, Portland, Maine; State Law Library, Capitol Building, Augusta, Maine.

FORMAT: Legal Study. Effluent Charges: A Method of Enforcing Stream Standards. Maine Law Review, University of Maine School of Law, Volume 19, No. 1, 1967; pp. 29-47.

STUDY: A State Approach to Effluent Charge.

LAKE/POND: Reference to Lakes and Ponds as part of a general water resource.

DATE: 1971.

PURPOSE: Proposes a working set of effluent charge arrangements for Maine. Not a general study but a specific proposal.

PREPARED BY: Orland E. Delogu, Associate Professor of Law, University of Maine School of Law.

AVAILABILITY: University of Maine School of Law and the Maine State Law Library.

FORMAT: Legal Study. A State Approach to Effluent Charge. Maine Law Review, University of Maine School of Law. Volume 23, No. 2, 1971. pp. 281-313.

PRIVATE

STUDY: A Continuous Water Quality Survey of China Lake.

LAKE/POND: China Lake.

DATE: The project was started in June, 1971, and will continue in some form for the duration of the use of China Lake as a water source.

PURPOSE:

1. This project is to provide evidence for the eventual elimination of all sources of contamination, i.e. septic sewage, to the waters of China Lake.
2. This project is designed to provide data to aide in the establishment of a base line of water quality in China Lake.
3. This project is designed to provide a continuous monitor of the bacteriological quality of the lake along with certain chemical parameters.

PREPARED BY: The project is being done by the Kennebec Water District with Mr. Michael T. Parker, engineer of the district, in direct supervision.

AVAILABILITY: Material is available at the Kennebec Water District.

FORMAT: The material will be prepared in report form as time and necessity permits.

STUDY: Grassy Pond Sanitary Survey.

LAKE/POND: Grassy Pond, Rockport, Maine.

DATE: Summer, 1962 - work period.
September, 1962 - publication date.

PURPOSE: General sanitary analysis to determine whether Grassy Pond may be used as a water source for the Camden and Rockland Water Company. Chemical analyses were made in the following areas: chlorides, hardness, pH, dissolved oxygen, biochemical oxygen demand, CO₂, alkalinity, turbidity, temperature. General watershed investigations were also made.

PREPARED BY: Reddington R. Robbins III, for the Camden and Rockland Water Company.

AVAILABILITY: Camden and Rockland Water Company, 5 Lindsey Street, Rockland, Maine; Water Resources Planning Division, State Planning Office, Augusta, Maine.

FORMAT: Sanitary Survey. pp. 48.

STUDY: A Modified Sanitary Survey of Chickawaukie Pond.

LAKE/POND: Chickawaukie Pond, Rockland, Maine.

DATE: August, 1970 and Summer, 1971 - work period.
October 14, 1971 - publication date.

PURPOSE: Complete a sanitary survey of Chickawaukie Pond and its surrounding watershed to view the feasibility of its inclusion in the Camden-Rockland Water Supply System. Area of investigation: past, present, and projected land and water use; climatology, geology, and hydrology of the watershed area; vegetation and wildlife; quality of Chickawaukie Pond water (quantitative and qualitative analysis).

Comprehensive survey which covers all areas that could possible affect water quality due to present pond use or future pond use.

PREPARED BY: Robert G. Gerber, Engineer, for the Camden and Rockland Water Company.

AVAILABILITY: Camden and Rockland Water Company, 5 Lindsey Street, Rockland, Maine.

FORMAT: Sanitary Survey - pp. 105.

STUDY: Portland Water District Monitoring of Sebago Lake.

LAKE/POND: Sebago Lake.

DATE: Monitoring continuous from 1918.

PURPOSE:

Provide water quality data to determine sanitary water suitability of Sebago Lake and the Portland Water District service distribution system.

Monitoring on a day-to-day basis is conducted at raw water intake points on the lake and at varying points in the water distribution system. Parameters measured in this monitoring include: coliform, iron, pH, and color. Quarterly monitoring (conducted four times yearly) is more extensive and includes: color turbidity, pH, alkalinity, total hardness, chloride, iron, manganese, sodium, silica, sulfate, nitrate, nitrite, ammonia, phosphate, fluoride and total residue.

A special testing program that is as comprehensive as the quarterly survey is the summer bacteriological survey, which has been conducted for the last 15 years. Some tributary sampling is done now and it is hoped will be more extensive and continuous in the future.

PREPARED BY:

Patrick Grady, Portland Water District chemist, P.O. Box 157, Sebago Lake, Maine.

AVAILABILITY: Data is available by contacting Patrick Grady, Portland Water District.

FORMAT:

Compiled data. General bacteriological and chemical analysis data is included in the Portland Water District annual report.

AGENCY REFERENCE: Private; Wright, Pierce, Barnes and Wyman, Engineers.

NATURE OF REVISION: New Study

STUDY: Water Quality Survey, Branch Lake, Ellsworth, Maine

LAKE/POND: Branch Lake, Ellsworth, Maine

DATE: March, 1973

PURPOSE: Perform a water quality survey for the Ellsworth Water Company to determine the effects of increasing recreational use of the lake. The lake was sampled on March, May and August of 1972, to determine seasonal variation in water quality. Parameters analyzed were Ph, acidity, alkalinity, color, chloride, total solids, phosphorus, nitrogen and coliform bacteria. Included in the report are maps, report conclusions and recommendations, and summary results of parameters checked. Also included are basic surveys of lake morphology such as soils and drainage.

PREPARED BY: Wright, Pierce, Barnes, Wyman, Engineers, Topsham, Maine.

Availability: Ellsworth Water Company, 14 Water Street, Ellsworth, Maine 04605.

FORMAT: Project Completion Report

AGENCY REFERENCE: Private; Portland Water District

NATURE OF REVISION: New Study

STUDY: The Effect of Recreational Use on the Quality of Sebago Lake Water.

DATE: June 24, 1974.

PURPOSE: Analysis of some of the problems encountered by the Portland Water District on Sebago Lake. Presents situations encountered utilizing several reference maps. Presents a general outline of sampling and testing procedures, and the water quality methodologies adhered to. Also presented are several alternative solutions considered and implemented by the Portland Water District to maintain water quality.

Insert

P-138a

PREPARED BY: Robert P. Grady, Chemist, Portland Water District
Availability: For information contact R.P. Grady,
Portland Water District, P.O. Box 157, Sebago Lake,
Maine. Appeared as written article in New England
Water Works Association Journal, June, 1972.

FORMAT: Journal Article.

Insert

p.-138b

OTHER PRIVATE

STUDY: A Study of Lake Pennasseewassee - Summer 1971.
LAKE/POND: Lake Pennasseewassee.
DATE: June, 1971-August, 1971 and January, 1972.
PURPOSE: To determine the general quality of the lake as characterized by high coliform counts, large quantities of nitrate and phosphate, low dissolved oxygen and aquatic growth.
PREPARED BY: J. Craig, Jr., D.L. Mason, A.L. Lamb. Prepared for the Association of Norway Lakes.
AVAILABILITY: For information and data contact: Dr. Frank M. Verzuh, President, Association of Norway Lakes, Norway, Maine 04268.
FORMAT: Working paper containing experimental data. 40 pages, 1 map and 5 tables of data.

STUDY: A Study of Lake Pennasseewassee - Summer 1972.
LAKE/POND: Lake Penneseewassee, North Pond, Hobbs Pond and Sand Pond.
DATE: June-August 31, 1972, continued weekly through October, 1972.
PURPOSE: To obtain baseline data on the water quality of the four Norway lakes. Sources of contamination include sewage, groundwater, nitrates, phosphates and increasing amounts of blue-green algae. In some cases corrective action has been specified.
PREPARED BY: A.N. Lamb, West Paris, Maine; and D.L. Mason, Crockett Ridge Road, Norway, Maine. Prepared for the Association of Norway Lakes.
AVAILABILITY: For information and data contact: Dr. Frank M. Verzuh, President, Association of Norway Lakes, Norway, Maine 04268.
FORMAT: Working paper containing experimental data. 97 pages, 7 maps, 23 graphs in second paper. No formal distribution - lack of funds for printing and distribution. "Typical of initial papers in a new research area, it is not clear what the distribution should be."

STUDY: A Survey of Water Quality and Lake Conditions.
LAKE/POND: Keoka Lake, McWain Pond, Bear Pond, Papoose Pond - all in Waterford, Maine.
DATE: May, 1972, to September, 1973.
PURPOSE: To determine the current state of these ponds, the nature and extent of any problems, and to serve as a basis for appropriate corrective action as required.
PREPARED BY: Mr. John B. Craig, Jr., R.F.D., Norway, Maine, 04268, Environmental Education Consultant for School Administrative District 17.
AVAILABILITY: Upon completion of the survey, Mr. Craig will furnish a report to the Waterford Conservation Commission, and a limited number of copies will be available through the Commission.
FORMAT: Survey Report.

STUDY: New Meadows River Ecological Project.
LAKE/POND: New Meadows River Impoundment.
DATE: Completion date, October 15, 1973. 6 month project.
PURPOSE: Study will involve (1) ascertaining the sources of pollution, (2) acquiring and assembling physiochemical data and (3) making measurements of the tidal flow.
PREPARED BY: Wright, Pierce, Barnes, and Wyman, Engineers for the town of Brunswick, Maine. Financed by Brunswick town funds matching a Ford Foundation Grant to the Brunswick Conservation Commission.
AVAILABILITY: Pending publication of study report, information may be obtained from the town of Brunswick, Maine, the Brunswick Shellfish Committee or the Brunswick Conservation Commission.
FORMAT: Pending Publication.

STUDY: New Meadows Aquaculture Studies.
LAKE/POND: New Meadows River Impoundment.
DATE: Data accumulation from 1967 through 1973.
PURPOSE: Conduct aquaculture studies with oysters and quahogs. Data accumulated since 1967 includes: salinity, temperature, O, P, and pH. The water in the impoundment is subject to some inundation by the tides but the salinity of the impoundment varies throughout the year.
PREPARED BY: Brunswick Shellfish Committee, Dr. A.H. Gustafson-Chairman, Department of Biology, Bowdoin College, Brunswick, Maine, and the Department of Sea and Shore Fisheries of Maine.
AVAILABILITY: The Brunswick Committee has produced a summary report of its investigations and data may be obtained by contacting them.
FORMAT: Summary Report.

The following studies were conducted by Dr. R.H. Ciullo, Nason College, for various Lake Associations in Southern Maine. These studies are available by contacting either Dr. Ciullo at Nason College or the Lake Association which sponsored the studies.

STUDY: Final Report on the Water Quality Information and Analyses Program of Long Lake and its Tributaries, Cumberland County, Maine.
LAKE/POND: Long Lake and its tributaries.
DATE: June 1 to November 30, 1970.
PURPOSE: To obtain current scientific information on the water quality of Long Lake and its tributaries, for use as a basis in planning future actions to retard the effects of cultural eutrophication, and to reduce health hazards in the above mentioned waters. Supported by the Long Lake Association.
PREPARED BY: Dr. Robert H. Ciullo, Nason College, Springvale, Maine.
FORMAT: Report (scientific format).

STUDY: Final Report on the Water Quality Study Program of Estes Lake and its Tributaries, York County, Maine.

LAKE/POND: Estes Lake and its tributaries.

DATE: June 1 to November 27, 1971.

PURPOSE: To obtain current scientific information on the water quality of Estes Lake and its tributaries, for use as a basis in planning future actions to retard the effects of cultural eutrophication, and to reduce health hazards in the above mentioned waters. Supported by the Estes Lake Association.

PREPARED BY: Dr. Robert H. Ciullo, Nasson College, Springvale, Maine.

FORMAT: Report (scientific format).

STUDY: Final Report on the Water Quality Monitoring Program for Mousam Lake.

LAKE/POND: Mousam Lake.

DATE: April 24 to November 27, 1971.

PURPOSE: To monitor physical, chemical and biological parameters in terms of the water quality of Mousam Lake. Supported by the Mousam Lake Association.

PREPARED BY: Dr. Robert H. Ciullo, Nasson College, Springvale, Maine.

FORMAT: Report (letter format).

STUDY: Final Report on the Water Quality Monitoring Program for Kezar Lake

LAKE/POND: Kezar Lake.

DATE: April 25 to October 17, 1971; April 29 to October 14, 1972; June 16 to September 15, 1973.

PURPOSE: To monitor physical, chemical and biological parameters in terms of the water quality of Kezar Lake. Supported by the Kezar Lake Association.

PREPARED BY: Dr. Robert H. Ciullo, Nasson College, Springvale, Maine.

FORMAT: Report (letter format).

STUDY: Final Report on the Water Quality Study Program of Little Ossipee Lake, York County, Maine.

LAKE/POND: Little Ossipee Lake.

DATE: April 30 to November 25, 1972.

PURPOSE: To obtain current scientific information on the water quality of Little Ossipee Lake for use as a basis in planning future actions to retard the effects of cultural eutrophication, and to reduce health hazards in the above water. Supported by the Little Ossipee Lake association and the town of Waterboro.

PREPARED BY: Dr. Robert H. Ciullo, Nasson College, Springvale, Maine

FORMAT: Report (scientific format).

STUDY: A Report on the Thompson Lake Water Analysis Program-Summer 1972.

LAKE/POND: Thompson Lake - Oxford County, Androscoggin County and Cumberland County.

DATE: February 16, 1972. Project period - summer, 1973.

PURPOSE: Obtain water quality data and to provide a meaningful way for association members to participate directly in activities benefiting the lake at a low cost. Summarizes a unique approach to lake water quality monitoring. "It is unique in that water quality was determined at a fairly sophisticated level with lay volunteers at significantly low cost under the direction of an experienced consultant. The report describes the program details of organization, personnel, methods and costs. The water quality data and morphometry are presented and discussed, leading to several conclusions and recommendations. The language of the report is semi-technical in hopes of reaching as large an audience as possible." Areas of general investigation were: drainage basin, morphology, oxygen (PPM), temperature, secchi disc, phosphorus (PPO), bacteria and algae. Area maps, testing stations and data tables contained in report.

PREPARED BY: Project director - Gardiner Hunt. Contract work to Gardiner Hunt and Robert Morrison. Financed by the Thompson Lake Environmental Association; Members - Maine townships of Casco, Otisfield, Oxford and Poland.

AVAILABILITY: Copies and information available from Thompson Lake Environmental Association - Erland Starbird, President - R.F.D. #2, Oxford, Maine. 04270

FORMAT: Project Report. 26 pp.

STUDY: Cultural Eutrophication of Lake Annabessacook.

LAKE/POND: Lake Annabessacook, Maine - Winthrop, Maine.

DATE: April 6, 1972.

PURPOSE: General areas of study included: geopolitical, physical and hydrological information; historical survey; recommendations for future action - regulatory action, additional pollution abatement, cosmetic action.

PREPARED BY: Millard W. Hall, Ph.D., Environmental Engineering Services Incorporated, Orono, Maine.

AVAILABILITY: Cobbossee-Annabessacook Authority, Mr. Frank Glynn, Box 272, Winthrop, Maine; M.W. Hall, Environmental Studies Center, Coburn Hall, University of Maine, Orono, Maine.

FORMAT: Study Report submitted to the Cobbossee-Annabessacook Authority. pp. 65, mimeo.

AGENCY REFERENCE: Other Private; Thompson Lake Environmental Association

NATURE OF REVISION: New Study

STUDY: Thompson Lake - Inventory - Analysis for Shoreland Zoning

LAKE/POND: Thompson Lake-Oxford County, Androscoggin County and Cumberland County.

DATE: August 24, 1973

PURPOSE: Outlines basic methodology used in conducting the inventory. Also gives an excellent explanation of resources inventoried and how they could be best identified and categorized for making shoreland zoning decisions. A basic map overlay system was developed for the lake area as part of the project. A specific idea behind the project was to determine whether or not a lake association would be an effective channel through which the goals of the Mandatory Shoreland Zoning and Subdivision Control Act could be accomplished.

PREPARED BY: Deborah Ikehara and Linda Cardini, Summer interns to the Thompson Lake Environmental Association. Project funded in part by the Ford Foundation, through the Environmental Studies Center, University of Maine, Orono, Maine.
Availability: Copies are available from the Thompson Lake Association, Erland Starbird, President, R.F.D. #2, Oxford, Maine 04270; and the Environmental Studies Center, University of Maine, Orono, Maine.

FORMAT: Inventory Report

Insert
p.-145a

AGENCY REFERENCE: Other Private; Cobbossee Watershed District

NATURE OF REVISION: Special Study Summary

COBBOSSEE WATERSHED DISTRICT

The Cobbossee Watershed District was enacted as State law in 1971. In January, 1973, the District's first organizational meeting was held after the required number of municipalities had voted themselves members. In April, 1973, Thomas Gordon was named as Executive Director for the District.

Since its formal inception it has become involved in several types of work which we feel now are or will be in the future, of concern to various lake associations and other related groups in Maine. Despite the fact that little of what they have accomplished, or are currently working on, will probably ever reach a publication stage, the basic experience gained in terms of program development and technical know-how should prove invaluable to others. For these reasons I am including here in summarized form the various activities of the Cobbossee Watershed District.

The lakes within the effective jurisdiction of the Cobbossee Watershed District are: Torsey Pond, Lake Maranacook, Lake Annabessacook, Lake Cobbosseecontee, Pleasant Pond, Berry Pond, Dexter Pond, Cochnewagon Pond, Kezar Pond, Loon Pond, Narrows Pond, Little Cobbossee Pond, Shed Pond, Wilson Pond, Jimmy Pond, Sand Pond, Woodbury Pond, Buker Pond, Purgatory Pond, and Cobbosseecontee Stream down to 100 feet below the New Mills Dam, so called.

Insert

p.-145b

DAMS:

After a lengthy hearing process, legislative authority was provided to the District enabling water level control coincident with fisheries management and recreational needs. Transcripts of the hearings were made, and are available at the Cobbossee Watershed District Office. Written interim water level management regulations have been developed and are available at the District's office.

Also, a basic hydrological analysis of Maranacook and Cobbosseecontee Lake to determine suitable water levels in relation to flood levels is being performed by Dr. W. Brutsaert, University of Maine, for the District.

WATER QUALITY:

--Several basic water quality parameters were checked in the summer of 1973 by the District to serve primarily as indicators of Algal Blooms. (Twice Weekly). Similar water quality monitoring will be continued each summer. Additional work on more specific water quality indicators is to be done in conjunction with the Maine Department of Environmental Protection, Bureau of Water Quality Control. The water quality data gathered, in addition to being used as algal bloom indicators, will also be used to develop watershed management guidelines.

SEWAGE DISPOSAL INVENTORY:

This work will be conducted primarily by summer interns and will consist of: A cottage owner sewage disposal inventory, dye testing of septic systems, preliminary site analysis, preliminary soil suitability, and preliminary slope inventories. The interns will also attempt to provide summaries of the State Plumbing Code in terms of different soil types found within the Cobbossee Watershed District.

The general thrust of the work is educational in nature to familiarize landowners with the types of problems which must be dealt with individually and collectively and how they affect lake water quality. Partial funding of this work is to be provided by the Massachusetts Audubon Society.

An annual report of the Cobbossee Watershed District's Activities and future plans is currently being prepared and is in the final draft stages. It is expected to be published for limited distribution by June 1, 1974.

For information concerning activities the District is involved in, contact Thomas Gordon, Cobbossee Watershed District, East Winthrop, Maine.

Insert

p.-145d

OTHER

STUDY: The Fishes of Maine.
LAKE/POND: Species are geographically located by lakes and ponds throughout Maine in which they are found.
DATE: 1914.
PURPOSE: Present known species of fish found in Maine and geographically locate them. Also includes bibliography of historical works dating from 1672, which attempted to classify and geographically locate different fish species.
PREPARED BY: William Converse Kendall, Scientific Assistant, United States Bureau of Fisheries, U.S. Department of Commerce.
AVAILABILITY: Maine State Library, Augusta, Maine
FORMAT: Scientific Report. Proceedings of the Portland Society of Natural History.

STUDY: The Rangeley Lakes Maine. - with special reference to the habits of fishes, fish culture and fish angling.
LAKE/POND: Oquossoc Lake, Mooselookmeguntic, Richardson Lakes, Umbagog Lake.
DATE: May 25, 1918.
PURPOSE: Concern of the report is with the present condition of the fish fauna of the lakes as affected by the modified physical conditions and the introduction of various non-indigenous species.
Mr. Kendall concerns himself also with the lakes fish culture in general and cultural distribution.
PREPARED BY: William Converse Kendall, Scientific Assistant, Bureau of Fisheries, U.S. Department of Commerce.
AVAILABILITY: Maine State Library, Augusta, Maine.
FORMAT: Scientific Report. Bulletin of the U.S. Bureau of Fisheries, Volume 35, 1915-1916. U.S. Government Printing Office: pp 485-505.

STUDY: A Scientific Survey of Turner Lake - Isle-au-Haut, Maine.
LAKE/POND: Turner Pond (since time of survey, has been renamed - Long Pond).
DATE: 1922.
PURPOSE: A brief comprehensive survey of Turner Pond on Isle-au-Haut.
Contains: 1) Geological description of pond areas; 2) A chemical-mineral interpretation of the pond; 3) A biological and botanical survey of the pond's animal and plant life.
PREPARED BY: Sherman C. Bishop and Noah T. Clarke.
AVAILABILITY: Maine State Library, Augusta, Maine.
FORMAT: Private publication of the New York State Museum, Albany, New York.
Scientific Publication.

STUDY: Trace Element Exploration of Maine Lake Water.
LAKE/POND: Lakes generally in Aroostook, Hancock, Piscataquis, Penobscot, Somerset and Washington counties (sample points located on map, pg. 7 and listed in table 9, pg. 49) with detailed study of Spencer Lake, Somerset County; Upper Lead Mountain Pond, Hancock County; Beau Lake, Aroostook County.
DATE: 1955.
PURPOSE: A unique approach to mineral exploration in which spectographic analysis of lake water is used as a reconnaissance prospecting method. 689 water samples from lakes and a few selected streams analysed spectographically for trace amounts of manganese, lead, tin, molybdenum, copper, silver, zinc, titanium, zirconium, nickel, chromium and vanadium.
PREPARED BY: Merlin Dean Kleinkopf, PhD, 1955, Columbia University.
FORMAT: Doctoral dissertation series Publication No.: 12,447, University Microfilms, Ann Arbor, Michigan. (Copy available at Maine Geologic Survey).

STUDY: Nutrients and Algae in Lake Sebasticook, Maine.
LAKE/POND: Lake Sebasticook.
DATE: February, 1968. Field studies completed November, 1965.
PURPOSE: To determine the cause and potential control of nuisance algae growths, to identify major sources of nitrogen and nutrients entering the lake, to assess their significance, and to recommend feasible nutrient-control measures. Parameters measured: organic nitrogen (mg/1), NH_3 -N (mg/1), NO_3 -N (mg/1), inorganic nitrogen (mg/1)*, phosphorus, phytoplankton, standing crops, chlorophyll, bottom sample analysis.
PREPARED BY: Kenneth M. Mackenthum, Lowell E. Keup, and R. Keith Stewart.
AVAILABILITY: Eutrophication Program, University of Wisconsin, Madison, Wisconsin.
FORMAT: Scientific report, published in Journal-Water Pollution Control Federation, February, 1968, Part #2, Washington, D.C. 20016.

* NO_2 -N not included.

STUDY: Directory of Maine Research Facilities and Personnel in Maine.
DATE: May, 1971.
PURPOSE: Serve as a communications link among Marine Science Researchers in Maine. Research and personnel references encompass both fresh water and marine studies and interests. Indexed are: Marine Science Personnel, Marine Research and Educational Facilities - Academic, Independent, Municipal, State, Federal, Industrial. Current research projects by agency, Personnel by keyword interests, Personnel by agency affiliation, and selected computer facilities.
PREPARED BY: The Research Institute of the Gulf of Maine (TRIGOM) (Consortium of academic institutions and research agencies dedicated to the advancement of marine science and oceanography through cooperative efforts).
AVAILABILITY: The Research Institute of the Gulf of Maine (TRIGOM), 96 Walmouth Street, Portland, Maine 04103.
FORMAT: Directory. pp. 159.

STUDY: Water Resources Research in New England Universities
DATE: January, 1972.
PURPOSE: Present an overall picture of water related studies conducted by the scientific community in the regions universities. Does not cover research by governmental agencies and laboratories, private agencies or those projects supported by private funding.
PREPARED BY: Ralph W. Hardy, Research Coordinator, New England Council of Water Center Directors, Rhode Island Water Resources Center, University of Rhode Island.
AVAILABILITY: Rhode Island Water Resources Center, University of Rhode Island; State Planning Office, Water Resources Planning Division, Augusta, Maine.
FORMAT: Subject Index. pp. 54.

STUDY: The Ecological Register for the New England States.
DATE: 1971.
PURPOSE: Fill the need for a more efficient input of ecological information into the decision making process at regional and local levels. Presents a list of ecologists who are members of the Ecological Society of America, that are willing to contribute their knowledge to the solution of environmental problems or to speak on various ecological questions.
PREPARED BY: T.H. Bormann, M.F. Cushman-Chairman, A.S. Dominski, T.G. Siccama, and D.C. Sprigel using the facilities of the Yale School of Forestry.
AVAILABILITY: New England Natural Resource Center, 506 Statler Building, Boston, Massachusetts. 02116.
FORMAT: Register; pp. 42.

APPENDIX I

- Sample Questionnaire -

APPENDIX II.

- Research Index of Maine Lakes and Ponds -



State of Maine
Executive Department
State Planning Office

189 State Street, Augusta, Maine 04330

KENNETH M. CURTIS
GOVERNOR

WATER RESOURCES PLANNING
16 WINTHROP STREET

PHILIP M. SAVAGE
STATE PLANNING DIRECTOR

TEL. (207) 289-3253

The Maine State Planning Office's Division of Water Resources Planning, is embarking on a mission designed to compile, categorize and publish a document concerning - Maine's Lakes and Ponds. The project has been entitled: Inventory of Limnological Research in Maine (see the enclosed description). Obviously, the success of this undertaking depends entirely upon the voluntary cooperation of you who are "active experts" in the field.

It is realized that there have been several similar attempts by others to compile such a "laundry list". Unfortunately - but most likely owing to the constraints of time and money and not the enthusiasm of the compiler - such lists as have been published have been either incomplete or severely limited in scope. The main objective here is to pull all those lists together and to supplement their contents with more recent information.

The purpose of this letter is to enlist not only your moral support but also your active support for this project. Such support will be demonstrated by your willingness to fulfill, in a timely manner, the following requests:

1. Would you list all the published and unpublished material which reflects the limnological activities (past, present and planned) of yourself and/or of your immediate organization?

The format we would appreciate your using is presented below:

<u>Study:</u>	Title of work element.
<u>Lake/Pond:</u>	The names of lakes and ponds your study deals with.
<u>Date:</u>	Inclusive dates.
<u>Purpose:</u>	<u>Brief</u> abstraction - one or two key word sentences will suffice.
<u>Prepared by:</u>	Availability of material should be included here.
<u>Publication Format:</u>	Report, Working Paper, Thesis, etc.

2. Would you indicate the names of people and organizations, with addresses if possible, you feel ought to be contacted in this regard - even those you consider to be "rather obvious?" The following format would be helpful:

Name:
Address:
Telephone Number:

3. Please send responses to:

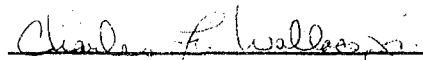
Charles F. Wallace, Jr.
State Planning Office
Division of Water Resources Planning
16 Winthrop Street
Augusta, Maine 04330

The intent of the project is to provide interested parties with a "handy" reference source. Thus it follows that the sooner we receive your information the sooner this reference material will be available to you and others. If you have no response please indicate that by sending us a one-line memo.

I will apologize to those from whom this information has already been gathered through personal interviews and ask you to bear with us and please respond. Personal interviews will continue and we hope to visit all of you within the next few months. However, we are also limited by staff, time and money constraints and must rely on the most efficient methods available for collecting pertinent information. The U.S. mail and your cooperation are the key elements of a successful mission.

For your anticipated cooperation, at a time when we realize you are extremely busy fulfilling many other commitments, we take this opportunity to sincerely thank you!

Sincerely yours,


Charles F. Wallace, Jr.
Resources Planner

CFW/ss
encl.

Project Title: Inventory of Limnological Research in Maine

Project Director: Charles F. Wallace, Jr.
State Planning Office
Water Resources Planning
16 Winthrop Street
Augusta, Maine

Description of the Problem: There are roughly 2500 + Lakes and/or Great Ponds in the State of Maine. These water bodies, along with their related land resources, comprise a significant portion of Maine's natural resource base.

The social, economic and political importance of the lakes and ponds to the citizenry of Maine and the Northeastern U.S. is reflected in the present crush of recreational and urban development encompassing fresh water bodies as their focal point. Unfortunately, unplanned and unwise cultural activity of many lakes and ponds has accelerated the eutrophication process to an alarming rate. (Cfe University of Maine - Orono's, Land and Water Resources Center's Publications, Eutrophication of Maine's Lakes and Maine's Dying Lakes, for examples of the Eutrophication problems in Maine.) Many of the State's public officials, scientists and ordinary citizens are becoming alarmed with this situation and wish to do "something", but some "things" have been done. Various research efforts, while not completely adequate to the total problem, have indicated some positive corrective action which could be taken. Also certain "lake experts" have concrete ideas dealing with comprehensive lake studies that are required. Unfortunately, little full-time, continuous effort has been spent at the state level coordinating this valuable information. Consequently much research ends

with little or no necessary information disseminated to decision makers. In addition, no single state agency has ever accepted the responsibilities for compiling and maintaining a comprehensive inventory of Limnological Research conducted and on-going in Maine. (This is not a crack at the noble efforts of the likes of the DEP, IF&G, CALS, SPO, and others. However, at this time, to my knowledge, no single file exists or is maintained which pieces together all Limnological Research in Maine.)

Goals: The purpose of this project is to compile a comprehensive inventory of limnological research conducted, ongoing and required in Maine. Hopefully, this will act as a catalyst for developing comprehensive research and maintaining programs necessary for the recovery and protection of one of Maine's most valuable resources - her Lakes and Ponds.

Objectives: It is my intent to complete this inventory not later than July 1, 1973 - and sooner if possible.

Work Plan: Information will be collected according to the format below. Obviously pertinent information resides in the files and minds of those presently (and historically) researching Maine's lakes and ponds. Thus, a great deal of the success of this project will be a function of the voluntary cooperation given to and received from those individuals, agencies and organizations.

CFLW

This Proposal Reviewed and Approved by:

CLARIFICATION of TERMINOLOGY

Limnology has been defined by Webster's New World Dictionary as "the science that deals with the physical, chemical, and biological properties and features of fresh waters, esp lakes and ponds". Research has defined in the same source as "careful, systematic, patient study and investigation in some field of knowledge, undertaken to discover or establish facts or principles". The combination of these terms taken in their broadest possible context is intended. Therefore, an "Inventory of Limnological Research" would include studies as diverse as "land use and soil suitability surveys" and "physical and biological studies". The list of disciplines involved could include planners and all the physical and life sciences.

From the above, it should be evident that almost any systematic investigation or activity which relates to the water and related land areas that comprise Maine's lakes and ponds environment qualifies for listing in the foregoing "Inventory..."

TABLE OF CONTENTS

Introduction	i	<u>MAJOR COASTAL BASINS (Continued)</u>	
Agency Organizational Outline.....	iii	Narraguagus	2-128
<u>MAJOR RIVER BASINS:</u>		Passagassawakeag.....	2-130
Androscoggin.....	2-1	Pleasant.	2-131
Kennebec.....	2-13	Royal.....	2-132
Penobscot.....	2-42	St. George.....	2-133
Piscataqua.....	2-80	Sheepscot.....	2-135
Presumpscot.....	2-82	Tunk.....	2-137
Saco.....	2-87	Union.....	2-138
Saint Croix.....	2-94		
Saint John.....	2-99	<u>MINOR COASTAL BASINS:</u>	
<u>MAJOR COASTAL BASINS:</u>		Cumberland.....	2-142
Damariscotta.....	2-117	Hancock.....	2-142
Dennys.....	2-118	Kennebec.....	2-144
East Machias.....	2-119	Knox.....	2-145
Kennebunk.....	2-121	Lincoln.....	2-145
Machias.....	2-122	Sagadahoc.	2-147
Medomak.....	2-126	Waldo.	2-147
Mousam.....	2-127	Washington.....	2-148
		York.....	2-150

INTRODUCTION

The index listed here is a very simple cross reference. Specific lakes and ponds can be traced across the page where they intersect a series of vertical lines which correspond to major organizational areas listed at the top of the page. A blank in the intersected space indicates that, based on available information, a study has not been done on that particular lake or pond. A number found in the intersected space denotes that a study has been completed or initiated by a suborganization found under the major organizational area listed at the top of each page.^{1/} Exactly what suborganization the number represents may be found by referring to page iii of this appendix. Locate the major organizational area and below it can be found the number correspondingly listed next to the named Great Pond^{2/} in the index.

Named Great Ponds are presented in alphabetical order by county, below the respective watershed in which they are located. Watershed categories used are 8 major river basins, major coastal basins, and minor coastal basins (under minor coastal basins are included those named Great Ponds on the coast which do not necessarily make up a watershed, but were added to that category to ensure a total listing of named Great Ponds).

^{1/} The only notable exception to this is the Department of Inland Fisheries and Game, listed in the index under State Agencies by the number - 3. This number refers only to whether or not a Department of Inland Fisheries and Game field survey (described under Maine Lakes - A Sportsman's Inventory) has been completed on a particular lake or pond.

^{2/} A "Great Pond shall include any inland body of water which in its natural state has a surface area in excess of 10 acres, and any body of water artificially formed or increased which has a surface area in excess of 30 acres, the shore of which is owned by two or more persons, firms, corporations or other legal entities."

It was initially planned to use in the index, the Maine Information Display Analysis System (MIDAS) code number for each lake or pond to demonstrate that each waterbody is assigned a unique numerical identifier. The present coding system, however, is being revised and will not be ready until the latter part of July. It is hoped that, when it is completed, it will be made available for distribution. At present, information stored in MIDAS under unique numerical identifiers (presently being revised) comes from the files of the Department of Inland Fisheries and Game.

AGENCY ORGANIZATIONAL OUTLINE

A. FEDERAL AGENCIES

1. U.S. Environmental Protection Agency
2. U.S. Army Corps of Engineers
3. U.S. Department of Agriculture
 Soil Conservation Service
4. U.S. Department of Interior
 U.S. Geologic Survey

B. STATE AGENCIES

1. Department of Environmental Protection
2. Department of Forestry
 Maine Geological Survey
3. Department of Inland Fisheries and Game
4. Land Use Regulation Commission
5. Maine State Planning Office
6. Department of Parks and Recreation

C. REGIONAL PLANNING COMMISSIONS AND ECONOMIC DEVELOPMENT DISTRICTS

1. Androscoggin Valley Regional Planning Commission
2. North Kennebec Regional Planning Commission
3. Northern Maine Regional Planning Commission
4. Penobscot Valley Regional Planning Commission
5. Southern Maine Regional Planning Commission
6. Eastern Maine Development District

D. MAINE COLLEGES AND UNIVERSITIES

1. Bates College
2. Bowdoin College
3. Colby College
4. Nason College
5. Ricker College
6. Unity College
7. University of Maine
 - University of Maine, Orono, Maine
 - University of Maine, Farmington, Maine
 - Environmental Studies Center, Orono, Maine
 - University of Maine School of Law, Portland, Maine

E. PRIVATE

1. Water Utilities

F. OTHER PRIVATE

1. Lake Association Studies, Conservation Commissions and Private Committees and Groups.

G. OTHER

1. Miscellaneous

Androscoggin County:

Pond	Civil Division
Allen Pond	Greene
Androscoggin Lake	Leeds
	Wayne - Kennebec County
Bartlett Pond	Livermore
Bear Pond	Turner
Includes Little Bear Pond	Hartford - Oxford County
Berry Pond	Greene
Black Pond (Black Snake Pond)	Turner
Bog Brook	Leeds
	Monmouth - Kennebec County
Bonny Pond	Leeds
	Monmouth-Kennebec County
Brettuns Pond	Livermore
Crystal Pond (Beals Pond)	Turner
Curtis Bog	Webster
Deane Pond	Greene
Estes Bog	Poland
Gulf Island Pond	Auburn-Greene-Lewiston-Turner
Island Pond	Leeds
Lake Auburn	Auburn
Lard Pond	Turner

Civil Division

Cumberland County:

Pond	Civil Division
Beaver Pond	Rangeley Plantation
Beaver Pond	TWP D
Beaver Pond	T3 R5 W8KP
Big Island Pond	T2 R6 W8KP-T3 R5 W8KP
Blanchard Ponds	T2 R3 W8KP-T3 R3 W8KP
Cloutman Pond	Rangeley
Dodge Pond	Rangeley
Flatiron Pond	T3 R3 W8KP
Grants Pond	T3 R6 W8KP
Gull Pond	Dallas Plantation
Haley Pond	Dallas Plantation-Rangeley
Halfmoon Pond	Carthage
	Mexico-Oxford County
Johns Pond	T3 R3 W8KP
Kamankeag Pond	T3 R3 W8KP
Kennebago Lake	T3 R3 W8KP - T3 R4 W8KP
Kimball Pond	New Sharon
	Vienna - Kennebec County
L Pond	T3 R5 W8KP
Little Island Pond	T3 R5 W8KP
Little Kennebago Lake	T3 R4 W8KP
Long Pond (Beaver Mountain Pond)	Sandy River Plantation
Long Pond	Township D-Township E

[illegible]

Pond	Civil Division
Long Pond	T3 R5 WBKP
Mooselookmeguntic &	Rangeley-Rangeley Plt.,
Cupsuptic Lakes	T4 R1 WBKP- T4 R2 WBKP
	T4 R3 WBKP-Oxford County
Mountain Pond	Rangeley Plantation
Nutting Pond	Rangeley
Perk Pond	Rangeley
Podunk Pond	Carthage
Quimby Pond	Rangeley
Rangeley Lake	Rangeley-Rangeley Pltn.
	Sandy River Plantation
Rock Pond	T2 R6 WBKP
Ross Pond	Rangeley
Round Pond	Rangeley
Round Pond	Township E
Sabbath Day Pond	Township E
Spencer Pond	Township D
Swift River Pond	Township E
Webb Lake (Lake Webb)	Carthage-Weld
White Cap Pond	T3 R5 WBKP

2-5

Kennebec County:

OTHER	
OTHER PRIVATE	
PRIVATE	
MAINE COLLS	
UNIVERSITIES	
REG. PLAN.	
DEVELOP. DIST.	M M M M M M M M M M M M M M M M
STATE AGENCIES	
FEDERAL AGENCIES	
MIDAS CODE NUMBER	

<u>Pond</u>	<u>Civil Division</u>
Basin Pond	Fayette
Black Pond	Vienna
Boody Pond	Vienna
Burgess Pond	Fayette
Cranberry Pond	Fayette
Davis Pond	Vienna
Echo Lake (Crotched Pond)	Fayette-Mount Vernon- Readfield
Flying Pond	Vienna
Hales Pond	Fayette
Hopkins Pond	Mount Vernon
Lovejoy Pond	Fayette-Readfield-Wayne
Minnehonk Lake	Mount Vernon
Parker Pond	Mount Vernon-Vienna
Pickarel Pond	Wayne
Flowage with Pocasset Lake	
Pocasset Lake	Wayne
Taylor Pond	Mount Vernon
Tilton Pond	Fayette
Whittier Pond	Vienna

[illegible][illegible]

Pond	Civil Division
Cranberry Pond	Magalloway Plantation
Cupsuptic Pond	T4 R5 WBKP
Cushman Pond	Sumner
Davis Pond	Rumford
Deer Pond	T4 R6 WBKP
East Richardson Pond	T4 R2 WBKP
No. 1	
East Richardson Pond	T4 R2 WBKP
No. 2	
Ellis Pond	Byron-Roxbury
Fish Pond	Lincoln Plantation
Forest Pond	Canton
Fox Pond	T4 R3 WBKP
Green Pond	Oxford
Halfmoon Pond	Mexico
	Carthage-Franklin Co.
Hall Pond	Paris
Hicks Pond	Greenwood
Hogan Pond	Oxford
Horseshoe Pond	Andover
Howard Pond	Hanover
Indian Pond	Greenwood
Joel Pond	Rumford

OTHER	
OTHER PRIVATE	
PRIVATE	
MAINE COLLS	
UNIVERSITIES	
REG. PLAN.	
DEVELOP. DIST.	
STATE AGENCIES	
FEDERAL AGENCIES	
MIDAS CODE NUMBER	

Oxford County:

Pond	Civil Division
Labrador Pond	Sumner
Lake Anasagunticook (Canton Lake)	Canton-Hartford
Lincoln Pond	T5 R3 WBKP
Little Beaver Pond	Magalloway Plantation
Little Concord Pond	Woodstock
Little Ellis Pond	Byron
Little Labrador Pond	Sumner
Little Pennesseewassee Pond	Norway
Long Pond	Magalloway Plantation
Long Pond	T5 R4 WBKP
Lower Black Pond	T4 R5 WBKP
Lower Richardson Lake Flowage with Upper Richardson Lake	Magalloway Plantation - TWP C - T4 R1 WBKP
Marshall Pond	Hebron-Oxford
Metallak Pond	Twp C
Mollidgewock Pond	Upton
Moose Bog	T4 R6 WBKP
Moose Pond	West Paris
Mooselookmeguntic and Cupsuptic Lakes	T4 R1 WBKP-T4 R2 WBKP Rangeley-Rangeley Plt.- Franklin County

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN. UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
				7			
		3					
		3					
		3					
		3					
		3					
		3					
		3				1	
		3					
		3					
		3					1

Pond	Civil Division
Mount Zircon Reservoir	Rumford
Mud Pond	Greenwood
Mud Pond	Oxford
	Poland-Androscoggin Co.
North Pond	Greenwood-Woodstock
Flowage with South & Round Ponds	
North Pond	Norway
North Pond	Sumner
North Pond	Grafton TA2
Northeast Pond	Hartford
Otter Pond	T5 R5 WBKP
Oversett Pond	Greenwood
Paine Pond	Paris
Parmachense Lake	T5 R4 WBKP-T5 R5 WBKP
Pennesseewassee Lake	Norway
Pepperoot Pond	T4 R2 WBKP
Pleasant Pond	Sumner
Pond in the River	Upton-C Surplus - TC
Richardson Pond (West Richardson Pond)	Lincoln Plantation - T4 R2 WBKP
Round Pond	Norway
Rump Pond	T5 R5 WBKP
Sand Pond	Norway
Shagg Pond	Woodstock

2-10

<u>Pond</u>	<u>Civil Division</u>
South Pond	Buckfield
South and Round Ponds Flowage with North Pond	Greenwood-Woodstock
Southeast Pond	Hiram Baldwin-Sebago- Cumberland County
Sturtevant Pond	Magalloway Plantation
Sunday Pond	Magalloway Plantation
Sunday Pond	T5 R4 WBKP
Surplus Pond	Andover North Surplus
Swan Pond	Hartford
Thompson Lake	Oxford Poland-Androscoggin Co. - Casco-Otisfield-Cumberland Co.
Trout Pond	Mason
Twitchell Pond	Greenwood
Umbagog Lake	Magalloway-Upton Cambridge-Erol-Coos, N.H.
Upper Black Pond	T4 R6 WBKP
Upper Richardson Lake Flowage with Richard- son Lake	Magalloway Plantation - T4 R1 WBKP
Washburn Pond	Sumner-Woodstock
Whitney Pond	Oxford
Worthley Pond	Peru

2-11

OTHER	
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MAINE COLLEGE UNIVERSITIES	
REG. PLAN. DEVELOP. DIST.	
STATE AGENCIES	3
FEDERAL AGENCIES	
MIDAS CODE NUMBER	

Sagadahoc County:

Pond

Civil Division

Caesar Pond

Bowdoin

Franklin County:

[illegible]

<u>Pond</u>	<u>Civil Division</u>
Little Indian Pond	T1 R8 WBKP
Little Jim Pond	T1 R5 WBKP T4 R5 BKP WKR-Somerset Co.
Little Northwest Pond	T3 R6 WBKP
Little Swift River Pond	Township E
Locke Pond	Chesterville
Long Cove Pond	Phillips
Loon Lake	Rangeley-Dallas Pltn.
Lufkin Pond	Phillips
Massachusetts Bog	T3 R6 WBKP
McIntire Pond	New Sharon
Mill Pond	New Vineyard
Mosher Pond	Industry
Mount Blue Pond	Avon
Mud Pond	Coburn Gore
Mud Pond	Rangeley Plantation
Mud Pond	T1 R5 WBKP
Mud Pond	T2 R8 WBKP
Norcross Pond	Chesterville
North Pond	Chesterville
Northwest Pond	T3 R6 WBKP
Otter Pond	T2 R6 WBKP
Parker Pond	Jay
Pease Pond	Wilton
Porter Lake	New Vineyard-Strong

2-15

Pond	Civil Division
Quill Pond	Dallas Plantation
Reed Pond	Eustis
Redington Pond	T1 R2 WBKP
Redington Pond	T3 R2 BKP WKR
Round Pond	Chesterville
Round Mountain Pond	T2 R5 WBKP
Saddleback Lake	Dallas Plantation
Saddleback Pond	Sandy River Plantation
Sand Pond	Chesterville
Sandy River Pond No. 1	Sandy River Plantation
Sandy River Pond No. 2	Sandy River Plantation
Sandy River Pond No. 3	Sandy River Plantation
Shallow Pond	T1 R5 WBKP
Shiloh Pond (Dutton Pond)	Kingfield
Snow Mountain Pond	T2 R5 WBKP
Staples Pond	Temple
Stetson Pond	Phillips
Stratton Brook Pond	T4 R3 BKP WKR
Taylor Hill Pond	Strong
Tea Pond	T1 R5 WBKP
Third Greely Pond	Dallas Plantation
Tim Pond (includes Mud Pond)	T2 R4 WBKP

MIDAS CODE NUMBER
FEDERAL AGENCIES
STATE AGENCIES
DEVELOP. DIST.
REG. PLAN.
UNIVERSITIES
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Franklin County:

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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Civil Division

Pond

Toothaker Pond	Phillips
Trout Pond	T1 R8 WBKP
Tufts Pond	Kingfield
Twin Island Pond	T1 R8 WBKP
Unknown Pond	T1 R9 WBKP
Upper Hathen Bog	Coburn Gore
Varnum Pond	Temple-Wilton
Viles Pond	T1 R5 WBKP
Wilson Pond	Wilton

Kennebec County:

Pond	Civil Division	MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
Desert Pond	Mount Vernon			3						
Dexter Pond (Flowage with Berry & Wilson Ponds)	Wayne-Winthrop			3						
Dutton Pond	Albion-China			3						
East Pond	Oakland			3						
Ellis Pond (Salmon Lake) Flowage with McGrath Pond	Smithfield-Somerset Co. Belgrade-Oakland			3						
Evans Pond	China			3						
Fairbanks Pond	Manchester			3						
Gould Pond	Sidney			3						
Great Pond	Belgrade-Rome			3						
Greeley Pond	Augusta			1,3	3					
Hamilton Pond	Belgrade			3						
Horseshoe Pond	Litchfield-West Gardiner									
Hutchinson Pond	Farmingdale-Manchester			3						
Ingham Pond	Mount Vernon			3						
Jimmie Pond (Jamies Pond)	Farmingdale-Manchester			3						
Jimmy Pond	Litchfield			3						
Joe Pond	Belgrade-Sidney			3						

Pond

Civil Division

OTHER
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MAINE COLL'S UNIVERSITIES
REG. PLAN. DEVELOP. DIST.
STATE AGENCIES
FEDERAL AGENCIES
MIDAS CODE NUMBER

Kennebec County:

Pond	Civil Division	MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
Nehumkeag Pond	Pittston				3					
North and Little Ponds	Rome				1,3	3				
Pattee Pond	Mercer-Smithfield-Somerset Co.									
Penny Pond	Winslow				1,3	3				
Pleasant Pond	Belgrade-Sidney				3					
Reservoir	Litchfield-West Gardiner				3					
	Richmond-Sagadahoc Co.									
	Waterville									
	Fairfield-Somerset Co.									
Round Pond	Rome									
Sand Pond	Litchfield-Monmouth				3					
Flowage with Buker & Woodbury Ponds (Part of Tacoma Lakes)										
Shed Pond	Manchester-Readfield				3					
Silver Lake (Figure Eight Pond)	Manchester-Sidney				3					
Spectacle Pond	Augusta-Vassalboro									
Stuart Pond	Belgrade				3					
Threecorned Pond	Augusta									
Threemile Pond	China-Windsor				3					
Tinkham Pond	Chelsea				3					
Togus Pond	Augusta				3					
Flowage with Lower Togus Pond					3					

MIDRS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN. UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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Kennebec County:

Pond	Civil Division
Tolman Pond	Augusta
Torsey Pond	Mount Vernon-Readfield
Tyler Pond	Manchester
Upper Narrows Pond (Narrows Pond)	Winthrop
Ward Pond	Sidney
Watson Pond	Rome
Webber Pond	Vassalboro
Wellman Pond	Augusta-Windsor
Whittier Pond	Rome
Wilson Pond	Monmouth-Wayne
Flowage with Berry & Dexter Ponds	
Woodbury Pond (Purgatory Pond) Flowage with Sand Pond and Buker Pond (Part of Tacoma Lakes)	Litchfield-Monmouth

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MAINE COLL'S UNIVERSITIES	
REG. PLAN. DEVELOP. DIST.	
STATE AGENCIES	3
FEDERAL AGENCIES	
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Lincoln County:

Pond

Civil Division

Givens Pond

Whitefield

OTHER	OTHER PRIVATE	PRIVATE	MAINE COLLS UNIVERSITIES	REG. PLAN. DEVELOP. DIST.	STATE AGENCIES	FEDERAL AGENCIES	MIDRS CODE NUMBER
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Penobscot County:

Center Pond	Dixmont
Fay Scott Bog	Dexter
Lily Pond	Dexter
Little Bowlin Pond	T5 R7 WELS
Mower Pond	Corinna
Nokomis Pond	Newport Palmyra-Somerset Co.
Pleasant Lake	Stetson
Plymouth Pond	Plymouth
Puffers Pond	Dexter
Round Pond	Plymouth
Seabaticook Lake	Newport
Wasookeag Lake	Dexter
Waymouth Pond	Corinna Saint Albans-Somerset Co.

Piscataquis County:

Pond	Civil Division
Alligator Pond	TA R11
Beaver Pond	TA R12 WELS
Big Duck Pond	East Middlesex Canal Grant
Big Indian Pond	T3 R5 BKP EKR
Big Notch Pond	T3 R5 BKP EKR
Big Squaw Pond	T3 R5 BKP EKR
Bluff Pond	TA R13 WELS
Burnham Pond	T2 R6 BKP EKR
Center Pond	Sangerville
Crockett Pond	Blanchard Plantation
First Musquash Pond (Flowage with Second Musquash Pond)	T1 R11 WELS
Fourth Roach Pond (Flowage with Third Roach Pond)	TA R12 WELS
Gilbert Pond	Parkman
Indian Pond	T2 R6 BKP EKR-T1 R6 BKP WKR- T1 R6 BKP EKR T1 R7 BKP WKR-Somerset Co.
Jewett Pond	T1 R14 WELS
Lazy Tom Pond	T1 R13 WELS
Lily Bog	Wellington
Little Duck Pond	East Middlesex Canal Grant

MIDRS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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Piscataquis County:

Pond	Civil Division	MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN. UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
Little Fisher Pond	T2 R12 WELS				3				
Little Mud Pond	Greenville								
Little Notch Pond	T3 R5 BKP EKR				3				
Little Spencer Pond	East Middlesex Canal Grant								
Little Squaw Pond	T3 R5 BKP EKR				3				
Long Bog	Wellington								
Long Bog	TA R12 WELS				3				
Lost Pond	T3 R10 WELS								
Lucky Pond	T1 R14 WELS				3				
Moosehead Lake	None				3				
Mountain View Pond (Fitzgerald Pond)	T2 R6 BKP EKR		1		3				
Mud Pond	TA2 R13 & 14 WELS								
Prong Pond	Greenville-TA2 R13 & 14 WELS				3				
Second Roach Pond	TA R12 WELS-T1 R12 WELS				3				
Seventh Roach Pond	TA R11 WELS				3				
Sixth Roach Pond	TA R12 WELS				3				
Spencer Pond	East Middlesex Canal Grant T1 R14 WELS				3				
Third Roach Pond (Flowage with Fourth Roach Pond)	TA R12 WELS				3				

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REG. PLAN. DEVELOP. DIST.	
STATE AGENCIES	3 3
FEDERAL AGENCIES	
MIDAS CODE NUMBER	

Piscataquis County:

Pond	Civil Division
Tom Young Pond	East Middlesex Canal Grant
Trout Pond	TA R12 WELS
Trout Pond	T3 R5 BKP EKR

Somerset County:

Pond	Civil Division
Bog Pond	Hartland
Bog Pond	T5 R1 NBKP-T5 R7 BKP WKR
Boulder Pond	T5 R7 BKP WKR
Boynton Pond	Embden
Brassua Lake (Includes Little Brassua Lake & Fletcher Ponds	Rockwood Strip-T1 R1 NBKP T1 R2 NBKP - T2 R1 NBKP - T2 R2 NBKP
Burnt Land Pond	Dennistown
Butler Pond	Flagstaff Township
Butler Pond	T2 R1 BKP WKR Kingfield-Franklin Co.
Butler Pond	T4 R5 BKP WKR
Call Pond	T2 R5 BKP WKR
Cambridge Pond	Cambridge
Carlton Pond	Detroit Troy-Waldo Co.
Center Pond	T2 R3 NBKP
Chain Pond No. 1	T2 R6 BKP WKR
Chain Pond No. 2	T2 R6 BKP WKR
Chase Bog	Caratunk
Chase Pond	Moscow
Chase Pond	Solon
Chase Stream Pond	T1 R6 BKP WKR
Chase Stream Pond	T1 R6 BKP WKR - T2 R7 BKP WKR

MIDAS CODE NUMBER	
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PRIVATE	3
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Pond	Civil Division
Chub Pond	T1 R6 BKP WKR
Chub Pond	T4 R6 BKP WKR
Clear Pond (Mill Pond)	Pleasant Ridge Pltn.
Clearwater Pond	T5 R1 NBKP
Coburn Pond	Moose River
Cold Stream Pond	T2 R6 BKP WKR-T2 R7 BKP WKR-
	T3 R7 BKP WKR
Crocker Pond	Dennistown
Davis Pond	T5 R6 BKP WKR
Daymond Pond	Moose River
Dead Stream Pond	West Forks Plt.
	T1 R6 BKP WKR
Decker Pond No. 2	Caratunk
Deer Bog	Caratunk
Deer Pond	T4 R5 BKP WKR
Demo Pond	Rockwood Strip
Dipper Pond	T2 R3 NBKP-T2 R4 NBKP
Dixon Pond	T2 R4 BKP WKR
Douglas Pond	Palmyra-Pittsfield
Durgin Pond	T2 R6 BKP WKR
Eagle Pond	T3 R5 BKP WKR
East Pond	Smithfield
	Oakland-Kennebec County

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MIDAS CODE NUMBER												

Pond	Civil Division
East Carry Pond	T2 R3 BKP WKR
Ellis Pond	T1 R6 BKP WKR
Embden Pond	Embden
Enchanted Pond	T3 R6 BKP WKR
Everett Pond	T4 R5 BKP WKR
Fahi Pond	Embden
Felker Pond	T4 R5 BKP WKR
Fish Pond	T1 R5 BKP EKR
Fish Pond	T2 R4 BKP WKR
Fish Pond	T3 R2 NBKP
Fish Pond	T6 R1 NBKP
Flagstaff Lake (Dead River Flowage)	T2 R3 BKP WKR-T3 R3 BKP WKR- T3 R4 BKP WKR-T4 R3 BKP WKR- T4 R4 BKP WKR Eustis-Franklin County
Fogg Pond	T3 R1 NBKP
Frypan Pond	T2 R5 BKP EKR
Gammon Pond	New Portland Freeman-Franklin County
Gilman Pond	Lexington-New Portland
Gordon Pond	T3 R6 BKP WKR
Grace Pond	T3 R6 BKP WKR
Grass Pond	T2 R4 BKP WKR
Grassy Pond	T6 R1 NBKP

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Somerset County:

Pond	Civil Division
Island Pond	T1 R6 BKP WKR
Jackson Pond	Concord
Jewett Pond	Pleasant Ridge Pltn.
Joe Pokum Pond	T4 R5 BKP WKR
Johns Pond	T2 R5 BKP WKR
Jones Pond	T4 R3 NBKP
Kilgore Pond	T1 R4 BKP WKR-T2 R4 BKP WKR
King Pond	T1 R4 BKP WKR
King & Bartlett Lake	T4 R5 BKP WKR
Kingsley Bog	Mayfield Township
Kingsley Flowage	Mayfield Township
Knights Pond	T1 R5 BKP EKR-T2 R5 BKP EKR
Ladd Pond	Mercer
Lake Como	Harmony
Lake George	Canaan-Skowhegan
Lang Pond	T3 R7 BKP WKR
Leith Pond	T2 R2 NBKP
Lily Pond	Concord
Lily Pond	Concord
Lily Pond	Solon
Line Pond	T5 R20 WELS
Little Austin Pond	T2 R3 BKP EKR

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	MAINE COLL'S	PRIVATE	OTHER PRIVATE	OTHER
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Pond	Civil Division
Little Bartley Pond	T6 R1 NBKP
Little Big Wood Pond	Dennistown-T5 R1 NBKP
Little Chase Stream Pond	T2 R7 BKP WKR
Little Dimmick Pond	Caratunk
Little Enchanted Pond	T3 R6 BKP WKR
Little Fish Pond	T6 R1 NBKP
Little Gordon Pond	T2 R5 BKP WKR
Little Heald Pond	Caratunk
Little Indian Pond	Saint Albans
Little Indian Pond	T2 R5 BKP EKR
Little Jim Pond	T4 R5 BKP WKR T1 R5 WBKP-Franklin Co.
Little King Lake	T4 R5 BKP WKR
Little Palmer Pond	Mayfield Township
Little Turner Pond	T6 R2 NBKP
Little Wilson Hill Pond	T2 R6 BKP WKR
Log Landing Pond	Caratunk
Long Bog	T5 R1 NBKP-T6 R1 NBKP
Long Pond	Jackman-T2 R1 NBKP T3 R1 NBKP
Long Pond	T1 R1 NBKP
Long Pond	T1 R6 BKP WKR
Long Pond	T4 R5 BKP WKR

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UNIVERSITIES
REG. PLAN.
DEVELOP. DIST.
STATE
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AGENCIES
MIDAS CODE
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Somerset County:

Pond	Civil Division	MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	MAINE COLLS	PRIVATE	OTHER PRIVATE	OTHER
Long Pond	T6 R1 NBKP-T6 R2 NBKP				3						
Long Pond	T5 R1 NBKP				3						
Loon Pond	T5 R1 NBKP				3						
Lost Pond	Pleasant Ridge Pltn.										
Lost Pond	T3 R2 NBKP										
Lost Pond	T3 R5 BKP WKR										
Lost Pond	T5 R16 WELS				3						
Lower Enchanted Pond	T2 R5 BKP WKR										
Lower Shaw Pond	T3 R4 BKP WKR				3						
Luther Pond	T3 R2 NBKP				3						
Mainstream Pond	Cambridge-Harmony-Ripley										
Martin Pond (Long Pond)	The Forks Plantation				3						
McKenney Pond	T6 R1 NBKP				3						
McKenney Ponds	T3 R6 BKP WKR										
Middle Carry Pond	T2 R3 BKP WKR				3						
Misery Pond	T2 R7 BKP WKR				3						
Moore Pond	T4 R7 BKP WKR				3						
Moore's Bog	Caratunk										
Moore's Pond	Lexington										
Moose Pond	T1 R4 BKP WKR				3						
Morrill Pond	Hartland				3						
Mosquito Pond	The Forks Plantation				3						
Mountain Dimmick Pond	Caratunk				3						

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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Somerset County:

Pond	Civil Division
Palmer Pond	Mayfield Township
Parker Bog Ponds	T3 R5 BKP WKR
Parker Pond	T3 R5 BKP WKR
Parlin Pond	T2 R6 BKP WKR-T3 R7 BKP WKR
Pennell Pond	New Portland
Perry Pond	Harmony
Pierce Pond	T1 R4 BKP WKR
(Includes Upper Pierce Pond)	T2 R4 BKP WKR
Pleasant Pond	Caratunk-The Forks
Pooler Ponds	The Forks Plantation
Porter Pond	T5 R6 BKP WKR
Prescott Pond	T1 R5 BKP EKR
Rancourt Pond	Dennistown
Redmond Pond	T2 R5 BKP WKR
Reservoir	Fairfield Waterville-Kennebec Co.
Ripley Pond	Ripley
Robinson Pond	Caratunk
Rock Pond	T5 R6 BKP WKR
Roderique Pond	Rockwood Strip
Round Pond	Skowhegan
Round Pond	T1 R6 BKP WKR
Round Pond	T1 R7 BKP WKR

Pond	Civil Division
Round Pond	T2 R5 BKP EKR
Rowe Pond	Pleasant Ridge Plantation
Rowell Bog	Madison
Rowell Pond	Solon
Rush Pond	T4 R5 BKP WKR
Safford Pond	Lexington
Sandy Pond	Emden
Scribner Bog	T2 R5 BKP EKR
Shaw Pond	T3 R4 BKP WKR
Sibley Pond	Canaan-Pittsfield
Smith Pond	Brighton
Smith Pond	Cornville
Smith Pond	Smithfield
Smith Pond	T2 R7 BKP WKR-T3 R7 BKP WKR
Smith Pond	T6 R2 NBKP
Socatean Pond No. 1	T1 R4 NBKP
Socatean Pond No. 2	T1 R4 NBKP
Spectacle Pond	T4 R5 BKP WKR
Spencer Lake (Includes Fish Pond)	T3 R5 BKP WKR T4 R6 BKP WKR
Split Rock Pond	T2 R4 BKP WKR
Spring Lake	T3 R4 BKP WKR
Spruce Pond	Lexington

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MAINE COLLS UNIVERSITIES	
REG. PLAN. DEVELOP. DIST.	
STATE AGENCIES	3
FEDERAL AGENCIES	3
MIDAS CODE NUMBER	

Somerset County:	Civil Division
Pond	
White Deer Pond	T4 R4 NBKP
Wilson Hill Pond	West Forks Plantation
Withee Pond	Mayfield Township
Wood Pond	Dennistown-Jackman
	T5 R1 NBKP
Wounded Deer Pond	T4 R4 NBKP
Wyman Lake	Moscow-Pleasant Ridge Plt.
Wyman Pond	Brighton Plantation

OTHER	
OTHER PRIVATE	
PRIVATE	
MAINE COLLEGE UNIVERSITIES	6
REG. PLAN. DEVELOP. DIST.	3 3
STATE AGENCIES	
FEDERAL AGENCIES	
MIDAS CODE NUMBER	

Waldo County:

Pond	Civil Division
Sandy Pond	Freedom
Unity Pond	Burnham-Troy-Unity

PENOBSCOT RIVER BASIN

Aroostook County:

Pond	Civil Division
Beaver Brook Lake	Linneus
Bradford Pond	Moro Plantation
Braley Lake	T3 R4 WELS
Caribou Lake	Island Falls-T3 R4 WELS
Cold Brook Lake	T3 R4 WELS
Crystal Lake	Hersey
Duck Pond	Smyrna
Duck Pond	T2 R4 WELS
Faulkner Lake	Weston
Flinn Pond	Benedicta-T1 R5 WELS
Gilman Pond	Moro Plantation
Grass Pond	Moro Plantation
Green Pond	Moro Plantation
Hale Pond	Moro Plantation
Haywire Pond	T1 R5 WELS
Huntley Pond	Moro Plantation
Long Lake	Oakfield
Lost Pond	Upper Molunkus T2 R4 WELS
Lower Hot Brook Lake	Bancroft
	Danforth-T8 R4 NBPP
	Washington County

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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Aroostook County:

Pond	Civil Division
Lower Macwahoc Lake	T2 R4
Macwahoc Lake	Sherman T3 R4 WELS
Mattaseunk Lake	TA R5
Mattawamkeag Lake (Includes Island Falls Plantation-	
Upper Mattawamkeag Lake)	T4 R3 WELS
Molunkus Lake	Macwahoc Pltn. TA R5-T1 R5 WELS
Mud Lake	Oakfield-T4 R3 WELS
Mud Lake	T3 R3 WELS-T3 R4 WELS
Mud Pond	Island Falls
Mud Pond	Linneus
Mud Pond	Sherman
Mud & Pleasant Lakes	Moro Plantation T6 R6 WELS-Penobscot Co.
Otter Lake	T3 R4 WELS
Pickett Mountain Pond	Moro Plantation T6 R6 WELS-Penobscot Co.
Pleasant Lake	Island Falls-T4 R3 WELS
Reed Pond	Macwahoc Plantation
Rockabema Lake	Moro Plantation
Skitacook Lake	Oakfield-T4 R3 WELS
Spaulding Lake	Oakfield
Tenmile Lake	T3 R2 WELS
Thompson Deadwater	Reed Pltn.-T1 R4 WELS (Upper Molunkus) T2 R4 WELS
Tote Road Pond	Moro Plantation
Wytopotlock Lake	Glenwood-T2 R4 WELS

MIDRS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	MAINE COLLS	PRIVATE	OTHER PRIVATE	OTHER
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Hancock County:

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Pond	Civil Division
Thurston Pond	Bucksport
Titcomb Pond	T32 MD BPP
Toddy Pond	Blue Hill-Orland- Penobscot-Surry
Trueworthy Pond	T3 ND BPP
Upper Pistol Lake	T4 ND BPP
West Lake	T3 ND BPP-T40 MD BPP
Williams Pond	Bucksport

Penobscot County:

Pond	Civil Division
Jerry Pond	Millinocket-TA R7
Jerry Pond	T5 R7 WELS
Johnny Ayers Brook Pond	T2 R9 NWUP
Jones Pond	T7 R8 WELS-T8 R8 WELS
Katahdin Lake	T3 R8 WELS
Kimball Pond	T5 R8 WELS
Lane Brook Pond	T6 R6 WELS
Lincoln Pond	T4 Indian Purchase
Little Eskutassis Pond	Burlington
Little Madagascal Pond	T3 R1 NBPP
Little Mattamiscontis Lake	T3 R9 NWUP
Little Messer Pond	T5 R8 WELS
Little Mountain Catcher Pond	T6 R8 WELS
Little Mud Pond	T6 R8 WELS
Little Pushaw Pond	Hudson
Little Round Pond	Lincoln
Little Salmon Stream Lake	T1 R6 WELS
Little Sawtelle Pond	T7 R8 WELS
Little Smith Pond	T1 R8 WELS
Little Soldier Pond	T2 R7 WELS
Lost Pond	Stetson

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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Penobscot County:

<u>Pond</u>	<u>Civil Division</u>
Lost Pond	T7 R7 WELS
Lower Deadwater	T3 R9 NWP
Lower East Ragged Pond	T4 Indian Purchase
Lower Jo-Mary Lake	T4 Indian Purchase TA R10 - T1 R9 WELS-
	T1 R10 WELS-Piscataquis Co.
Lower Shin Pond	Mount Chase Plantation T5 R7 WELS
Lower West Ragged Pond	T4 Indian Purchase
Lunksoos Lake	T4 R7 WELS
Madagascal Pond	Burlington-T3 R1 NBPP
Mansell Pond (Hatch Pond)	Alton
Manton Pond	T7 R8 WELS
Marble Pond	T5 R8 WELS
Mattakeunk Pond	Lee
Mattamiscontis Lake	T2 R9 NWP-T3 R9 NWP
Mattanawcook Pond	Lincoln
Medunkeunk Lake	T2 R9 NWP
Merrill Pond	Lee
Messer Pond	T5 R8 WELS
Middle Jo-Mary Turkey Tail Lakes	T4 Indian Purchase TA R10-Piscataquis County
Mill Pond	Lee
Millinocket Lake	T1 R8 WELS-T2 R8 WELS T1 R9 WELS-T2 R9 WELS- Piscataquis County

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN. UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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Penobscot County:

Pond	Civil Division
Pemadumcook Lake (Pemadumcook Chain of Lakes: includes Amba- jejus Lake, Elbow Lake, North Twin Lake, South Twin Lake)	T3 Indian Purchase - T4 Indian Purchase T1 R9 WELS- T1 R10 WELS- Piscataquis County
Pickereel Pond	Alton
Pickereel Pond	Lowell
Pickett Mountain Pond	T6 R6 WELS Moro Plantation-Aroostook Co.
Pug Pond	Alton
Pushaw Lake	Glenburn-Hudson- Old Town-Orono
Quakish Lake	Millinocket-Indian Township 3
Robar Pond	T4 R8 WELS
Rocky Bog	T3 R9 NWP
Rocky Pond	T3 R8 WELS
Round Pond	Lee-T3 R1 NBPP
Rush Pond	T2 R6 WELS
Salmon Stream Lake	T1 R6 WELS
Saponac Pond	Burlington- Grand Falls Plantation
Sawtelle Deadwater	T6 R7 WELS
Sawtelle Pond	T7 R7 WELS-T7 R8 WELS
Scraggly Lake	T7 R8 WELS

Penobscot County:

Pond	Civil Division
Seboeis Deadwater	T6 R7 WELS - T7 R7 WELS
Shad Pond	Millinocket
Smith Pond	T3 Indian Purchase
Snowshoe Lake	T7 R7 WELS
Snowshoe Pond	Clifton
Soldier Pond	T2 R7 WELS
Soper Logan	T6 R8 WELS
South Branch Lake	Seboeis Plt.-T2 R8 NWUP
Spring Pond	T6 R7 WELS
Stump Pond (Snag Pond)	Lincoln
Swetts Pond (Sweets Pond)	Orrington
Tack Pond	T3 R9 NWUP
Tracy Pond	Herman
Trout Pond	Grand Falls Plantation
Trout Pond	Lowell
Trout Pond	Orrington
Trout Pond	T2 R7 WELS
Twin Pond	T4 R7 WELS
Upper Pond	Burlington-Lincoln
Upper Cold Stream Pond	Lincoln
No. 1 (Flowage with Upper	
Cold Stream Pond No. 2)	
Upper Cold Stream Pond	Burlington-Lincoln
No. 2	

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	MAINE COLL'S	PRIVATE	OTHER PRIVATE	OTHER
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MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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Penobscot County:

Pond	Civil Division
Upper East Ragged Pond	T4 Indian Purchase
Upper Jo-Mary Lake	Veazie Gore TA R10 - TB R10- Piscataquis County
Upper Shin Pond	Mount Chase Plantation T6 R6 WELS
Upper West Ragged Pond	T4 Indian Purchase
Wadleigh Deadwater	T1 R6 WELS
Wadleigh Pond	T4 Indian Purchase
Webster Pond	Webster Plantation
Weir Pond	Lee-T3 R1 NBPP
West Garland Pond	Garland
White Horse Lake	T7 R7 WELS
Wiley Pond	Patten

Civil Division

Civil Division

Pond	Civil Division
Bear Brook Bog	T6 R15 WELS
Beaver Pond	T3 R11 WELS
Bell Pond	Monson
Bennett Pond	Parkman
Berry Pond	T2 R13 WELS
Big Beaver Pond	T2 R11 WELS
Big Bennett Pond	Guilford
Big Benson Pond	Bowerbank-Willimantic T7 R9 NWP
Big Boardway Pond	TA R11 WELS
Big Bunker Pond	Shirley
Big Fisher Pond	T2 R12 WELS
Big Grapevine Pond	Bowerbank
Big Greenwood Pond	Elliottsville Pltn.- Willimantic
Big Hurd Pond (Flowage with Loon Lake)	T6 R15 WELS
Big Lyford Pond	TA R12 WELS-TA R13 WELS
Big Minister Pond	T2 R10 WELS
Big Pine Pond	T3 R13 WELS
Big Pleasant Pond	TA R11 WELS
Billfish Pond	T6 R9 WELS T6 R8 WELS- Penobscot Co.
Black Pond	T1 R12 WELS
Black Pond (Flowage with Chesuncook Lake)	T5 R13 WELS-T6 R13 WELS- T6 R14 WELS

MIDRS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN. UNIVERSITIES	MAINE COLL'S	PRIVATE	OTHER PRIVATE	OTHER
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Pond	Civil Division
Cedar Pond	TB R10 WELS
Center Pond	T4 R10 WELS
Chamberlain Lake (Flowage with Telos Lake)	T6 R11 WELS-T6 R12 WELS- T7 R11 WELS-T7 R12 WELS T7 R13 WELS-T8 R13 WELS
Chesuncook Lake (Includes Caribou Lake, Moose Pond, Ripogenus Lake)	T2 R12 WELS-T3 R11 WELS T3 R12 WELS-T3 R13 WELS- T4 R12 WELS-T4 R13 WELS- T5 R12 WELS-T5 R13 WELS- T6 R13 WELS
Chesuncook Pond	T2 R11 WELS-T3 R11 WELS
Church Pond	TA R10 WELS
Clifford Pond	T2 R11 WELS
Cloud Pond	Elliottsville Pltn.
Coffeelos Pond	T6 R11 WELS
Compass Pond	T2 R9 WELS
Cooper Pond	TA R10 WELS
Corner Pond	T8 R15 WELS T8 R16 WELS- T9 R16 WELS- Somerset Co.
Cow Pond	T1 R13 WELS-T2 R13 WELS
Cranberry Pond	T2 R9 WELS
Cranberry Pond	T3 R14 WELS
Cranberry Pond	T8 R10 NWP
Crater Pond	T8 R11 WELS
Crawford Pond	TA R11 WELS

2-58

Pond	Civil Division
Crescent Pond	T2 R11 WELS
Crescent Pond	T9 R15 WELS
Cuxabexis Lake	T5 R12 WELS-T6 R12 WELS
Daggett Pond	T7 R14 WELS
Daicey Pond	T3 R10 WELS
Daisey Pond	T2 R10 WELS
Debsconeag Deadwater	T1 R9 WELS-T2 R9 WELS- T2 R10 WELS
Deer Pond	T3 R13 WELS
Doe Pond	Monson
Doughnut Pond	T2 R11 WELS
Doughty Pond No. 1	Monson
Doughty Pond No. 2	Monson
Dcow Pond	Sebec
Draper Pond	T3 R10 WELS
Duck Pond	Bowbank
Duck Pond	TA R10 WELS
Duck Pond	T4 R11 WELS
Duck Pond	T4 R12 WELS-T5 R12 WELS
Dunham Pond	Guilford
Dwellely Pond	T5 R10 WELS
East Branch Pond	T7 R11 WELS
East Chairback Pond	T7 R9 NWP
East Shirley Bog	Shirley-T3 R5 BKP EKR

[illegible]

Pond	Civil Division
Frost Pond	T6 R9 WELS
Garland Pond	Dover-Foxcroft-Sebec
Gauntlett Pond	T8 R10 WELS
Gould Pond	T2 R11 WELS
Grand Lake Matagamon (Matagamon Lake)	T6 R9 WELS T6 R8 WELS-Penobscot Co.
Grassy Pond	T2 R12 WELS
Grassy Pond	T3 R10 WELS
Greenleaf Pond	Abbot
Greenwood Pond	T8 R11 WELS-T7 R10 NWP
Grindstone Pond	Willimantic
Hale Pond	T2 R10 WELS
Hardy Pond	Lake View Plantation
Harlow Pond (Flowage with Manhannock Pond)	Parkman
Harriman Pond	Sebec
Harrington Lake	T3 R11 WELS-T4 R11 WELS
Harrington Pond	T3 R11 WELS
Hedgehog Pond	Blanchard Plantation
Hedgehog Pond	T8 R10 NWP
Henderson Pond	TA R11 WELS
High Pond	T6 R9 WELS
Hilton Pond No. 1	Kingsbury Plantation

2-61

Piscataquis County:

Pond	Civil Division
Little Greenwood Pond	Elliottsville Plantation
Little Holbrook Pond	T3 R11 WELS
Little Houston Pond	T6 R9 NWUP
Little Hudson Pond	T10 R10 WELS
Little Hurd Pond	T2 R10 WELS
Little Hurd Pond	T6 R15 WELS
Little Johnson Pond	T8 R14 WELS
Little Kelly Pond	T2 R12 WELS
Little Leadbetter Pond	T7 R11 WELS
Little Lobster Lake	T3 R14 WELS
Little Longley Pond	T6 R13 WELS
Little Mud Pond	T4 R12 WELS
Little Newowadnahunk Lake (Little Sourdnehunk Lake)	T5 R11 WELS
Little Penobscot Pond	T1 R11 WELS
Little Pleasant Pond (Flow-TA R11 WELS age with Yoke Ponds)	
Little Rocky Pond	TA R11 WELS
Little Rocky Pond	T3 R10 WELS
Little Round Pond	T8 R13 WELS
Little Scott Deadwater	T6 R14 WELS
Little Scott Pond	T5 R14 WELS-T6 R14 WELS
Little Shallow Lake	T7 R14 WELS
Little Wadleigh Pond	T8 R15 WELS
Little Wassataquoik Lake	T4 R10 WELS
Little Wilson Deadwater	Shirley

MIDRS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN. UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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Piscataquis County:

Pond	Civil Division	MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN. UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
Little Wilson Pond	Elliottsville Plantation								
Lloyd Pond	T7 R10 NWP								
Lobster Lake	East Middlesex Canal Grant TX R14 WELS-T3 R14 WELS- T3 R15 WELS			3					
Logan Pond No. 1	T2 R9 WELS								
Logan Pond No. 2	T2 R9 WELS								
Long Pond	Elliottsville Plt.-T7 R9 NWP T7 R10 NWP-T8 R10 NWP			3					
Long Pond	TA R11 WELS-T1 R11 WELS			3					
Long Pond (Turner Dead- water)	T4 R9 WELS								
Long Pond	T6 R9 WELS			3					
Longley Pond	T6 R13 WELS			3					
Loon Lake	T6 R15 WELS								
Lost Pond	T6 R10 WELS								
Lost Pond	T7 R9 NWP								
Lost Pond	T7 R12 WELS-T7 R13 WELS								
Lower Ellis Pond	T7 R14 WELS								
Lower Fowler Pond	T6 R9 WELS								
Lower South Branch Pond	T5 R9 WELS								
Lower Togue Pond	T2 R9 WELS								
Lower Wilson Pond	Greenville								
Lucia Pond	T7 R9 NWP								
Maher Pond	T5 R9 WELS								

<u>Pond</u>	<u>Civil Division</u>
Manhanock Pond (Flowage with Harlow Pond)	Parkman-Sangerville
Marble Pond	Blanchard Plantation
Marr Pond	Sangerville
Martin Pond No. 1	T3 R9 WELS
McDougal Pond	T6 R15 WELS
McGooseley Pond	T4 R15 WELS
McKenna Pond	T3 R11 WELS
McLellan Pond	Monson-Shirley
Midday Pond	Elliottsville Plantation
Middle Branch Pond	T5 R9 NWP
Middle Fowler Pond	T5 R9 WELS
Middle Jo-Mary and Turkey Tail Lakes	TA R10 WELS
Midnight Pond	T4 Indian Purchase-Penobscot Co.
Mile Pond	T6 R12 WELS
Millbrook Pond	T8 R14 WELS
Millinocket Lake	Bowerbank
Mitchell Pond	T1 R9 WELS-T2 R9 WELS
Monkey Pond	T1 R8 WELS- T2 R8 WELS- Penobscot County
Monson Pond	T7 R9 WELS
Moore's Pond	TA R11 WELS
Moose Pond	Monson
	Monson
	Elliottsville Plantation

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STATE AGENCIES	5	5	5	5	5	5	5	5	5	5
FEDERAL AGENCIES										
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Piscataquis County:

Pond	Civil Division	MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
Mountain Pond	TA2 R13 & 14 WELS - T8 R10 NWP			3						
Mountain Pond	T8 R14 WELS-T8 R15 WELS			3						
Mountain Catcher Pond	T6 R9 WELS T6 R8 WELS-Penobscot Co.									
Mountain View Pond	TA R11 WELS									
Mud Pond	Bowbank									
Mud Pond	Medford									
Mud Pond	Parkman									
Mud Pond	Parkman									
Mud Pond	TA R10 WELS-T1 R10 WELS									
Mud Pond	T2 R10 WELS									
Mud Pond	T3 R5 BKP EKR									
Mud Pond	T4 R12 WELS									
Mud Pond	T6 R12 WELS			3						5
Mud Pond	T9 R14 WELS-T9 R15 WELS									
Mud Gauntlet Deadwater	T8 R11 WELS									
Mud Greenwood Pond	Willimantic			3						
Murphy Pond No. 1	T2 R11 WELS									
Nahmakanta Lake	T1 R11 WELS-T2 R11 WELS			3						
Narrow Pond	T8 R14 WELS			3						
Nesowadnehunk Deadwater	T2 R10 WELS-T3 R10 WELS									
Nesowadnehunk Lake (Sourdnehunk Lake)	T4 R10 WELS-T4 R11 WELS T5 R10 WELS-T5 R11 WELS			3						

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	MAINE COLLS	PRIVATE	OTHER PRIVATE	OTHER
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Piscataquis County:

Pond	Civil Division
North Pond	Elliottsville Plantation
Norton Pond	Brownville
Notch Pond	T8 R10 NWP
Oakes Bog	Shirley
Ordway Pond	Shirley
Otter Pond	T3 R13 WELS
Otter Pond	T8 R14 WELS
Parker Pond	Sebec
Passamagamet Lake	T1 R9 WELS-T1 R10 WELS
Pearl Ponds	T8 R10 NWP
Pemadumcook Lake	T1 R9 WELS-T1 R10 WELS
Pemadumcook Chain of Lakes includes Ambajejus Lake, Elbow Lake, North Twin Lake, South Twin Lake	T3 Indian Purchase-T4 Indian Purchase-Penobscot County
Penobscot Pond	T1 R11 WELS-T1 R12 WELS
Pickerel Pond	Barnard Plantation
Pine Pond	T7 R15 WELS
Pine Stream Flowage	T3 R13 WELS-T4 R13 WELS
Piper Pond	Abbot
Pittman Pond	T2 R10 WELS
Pleasant Pond	Orneville
Pockwockamus Deadwater	T2 R9 WELS-T2 R10 WELS
Pockwockamus Pond	T2 R9 WELS ^{T4}
Pogy Pond	T4 R9 WELS
Poland Pond	T7 R14 WELS-T7 R15 WELS

<u>Piscataquis County:</u>	<u>Pond</u>	<u>Civil Division</u>
	Russell Pond	T4 R9 WELS
	Saddle Pond	T7 R9 WELS
	Saddleback Pond	T8 R11 WELS
	Salmon Pond	Greenville
	Salmon Pond	T4 R13 WELS
	Salmon Stream Pond	Guilford
	Sampson Pond	T7 R9 NWP
	Sandy Stream Pond	T3 R9 WELS
	Sawyer Pond	Greenville
	Schoodic Lake	Brownville-Lakeview Pltn.- T4 R9 NWP
	Sebec Lake	Bowerbank-Dover-Foxcroft- Sebec-Willimantic
	Seboeis Lake (Includes Northwest and Shallow Ponds and The Inlet)	Lake View Pltn.-T4 R9 NWP
	Second Buttermilk Pond	Bowerbank
	Second Davis Pond (Flowage with First Davis Pond)	Guilford-Willimantic
	Second Debsconeag Lake	T2 R10 WELS
	Second Little Lyford Pond	T7 R10 NWP-T8 R10 NWP
	Second Musquash Pond (Flowage with First Musquash Pond)	T1 R11 WELS
	Second and Third West Branch Ponds	TA R12 WELS

<u>Piscataquis County:</u>	<u>Pond</u>	<u>Civil Division</u>
	Russell Pond	T4 R9 WELS
	Saddle Pond	T7 R9 WELS
	Saddleback Pond	T8 R11 WELS
	Salmon Pond	Greenville
	Salmon Pond	T4 R13 WELS
	Salmon Stream Pond	Guilford
	Sampson Pond	T7 R9 NWP
	Sandy Stream Pond	T3 R9 WELS
	Sawyer Pond	Greenville
	Schoodic Lake	Brownville-Lakeview Pltn.- T4 R9 NWP
	Sebec Lake	Bowerbank-Dover-Foxcroft- Sebec-Willimantic
	Seboeis Lake (Includes Northwest and Shallow Ponds and The Inlet)	Lake View Pltn.-T4 R9 NWP
	Second Buttermilk Pond	Bowerbank
	Second Davis Pond (Flowage with First Davis Pond)	Guilford-Willimantic
	Second Debsconeag Lake	T2 R10 WELS
	Second Little Lyford Pond	T7 R10 NWP-T8 R10 NWP
	Second Musquash Pond (Flowage with First Musquash Pond)	T1 R11 WELS
	Second and Third West Branch Ponds	TA R12 WELS

Piscataquis County:

<u>Pond</u>	<u>Civil Division</u>
Secret Pond	Elliottsville Plantation
Secret Pond	Greenville
Shack Pond	T3 R14 WELS
Shadow Pond	Greenville-Harsfords Point T3 R5 BKP EKR
Shallow Lake	T7 R13 WELS-T7 R14 WELS
Shirley Pond	Shirley
Silver Lake	T6 R9 NWP
Sing Sing Pond	T1 R11 WELS
Six Pond No. 1	T4 R9 WELS
Six Pond No. 2	T4 R9 WELS
Six Pond No. 3	T4 R9 WELS
Six Pond No. 4	T4 R9 WELS
Six Pond No. 5	T4 R9 WELS
Six Pond No. 6	T4 R9 WELS
Sixth Debsconeag Pond	T1 R11 WELS-T2 R11 WELS
Slaughter Pond	T3 R11 WELS
Smith Pond	Elliottsville Plantation
Snake Pond	T7 R11 WELS
South Pond	Monson
South Pond	T7 R9 NWP
Spectacle Pond	Blanchard Plantation
Spectacle Pond	Monson
Spruance Pond	TA R11 WELS
Spruce Mountain Pond	T8 R11 WELS
Squankin Pond	Monson

<u>MIDAS CODE NUMBER</u>	<u>FEDERAL AGENCIES</u>	<u>STATE AGENCIES</u>	<u>DEVELOP. DIST.</u>	<u>REG. PLAN.</u>	<u>UNIVERSITIES</u>	<u>PRIVATE</u>	<u>OTHER PRIVATE</u>	<u>OTHER</u>
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<u>Pond</u>	<u>Civil Division</u>
Stink Pond	T2 R11 WELS
Stink Pond & Snake Bog	T7 R11 WELS
Stratton Pond	T2 R11 WELS
Sucker Brook Pond	T6 R9 NWP
Sunday Pond	T2 R9 WELS
Sunset Pond	Elliottsville Plantation
Tarbox Pond	T6 R14 WELS
Tea Pond	T2 R9 WELS
Telos Lake (Includes Round Pond)	T5 R11 WELS T6 R11 WELS
Thanksgiving Pond	Blanchard Plantation
Third Lake	T7 R10 WELS
Third Davis Pond	Willimantic
Third Debsconeag Lake	T1 R10 WELS-T2 R10 WELS
Third Musquash Pond	T1 R11 WELS
Thissell Bog	T6 R10 WELS
Thissell Pond	T5 R11 WELS
Towne Pond	Monson
Tracy Pond	T3 R10 WELS
Trout Pond	T8 R10 NWP
Tumbledown Dick Pond	T1 R11 WELS
Turtle Pond	Lake View Plantation
Twin Ponds	T2 R9 WELS
Twin Ponds	T4 R9 WELS
Umbazooksus Lake	T6 R13 WELS

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Piscataquis County:

Pond	Civil Division
Upper Deadwater	T8 R10 NWP
Upper Ebeemee Lake	T4 R9 NWP
Upper Ellis Pond	T7 R14 WELS
Upper Jo-Mary Lake	TA R10 WELS-T8 R10 WELS Veazie Gore-Penobscot Co.
Upper South Branch Pond	T5 R9 WELS
Upper Togue Pond	T2 R9 WELS
Upper Wilson Pond	Greenville-T8 R10 NWP
Wadleigh Pond	T1 R11 WELS
Wadleigh Pond	T8 R15 WELS
Wangan Brook Deadwater	T8 R10 WELS
Wassataquoik Lake	T4 R9 WELS-T4 R10 WELS
Webster Lake	T6 R10 WELS-T6 R11 WELS
Weed Pond	T4 R9 WELS
West Chairback Pond	T7 R9 NWP
West Shirley Bog	Shirley-T3 R5 BKP EKR
Whetstone Pond	Blanchard Plantation- Kingsbury Plantation
Whidden Pond No. 2	T3 R9 WELS
Williams Pond	T4 R11 WELS
Windy Pitch Pond No. 1	T3 R10 WELS
Withey Bog	T5 R15 WELS
Yoke Ponds	TA R11 WELS

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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Somerset County:

Pond	Civil Division
Duncan Pond	T4 R4 NBKP
Elm Pond	T4 R16 WELS
Fisher Pond No. 1	T4 R5 NBKP
Fitzgerald Pond	T3 R4 NBKP
Foley Pond	T4 R18 WELS
Frost Pond	T4 R5 NBKP
Frost Pond Flowage	T4 R5 NBKP
Hale Pond	T3 R3 NBKP
Hall Pond	T4 R4 NBKP
Hayden Pond	Mayfield Township
Hill Pond	T4 R5 NBKP
Horse Pond	T5 R16 WELS
Hurricane Pond	T5 R20 WELS
Hutch Pond	T3 R4 NBKP
Ironbound Pond	T3 R3 NBKP
Kingsbury Pond	T2 R2 BKP EKR Kingsby Ptn.-Piscataquis Co.
Lane Pond	T4 R18 WELS
Lard Pond	T4 R16 WELS
Little Bog	T6 R17 WELS
Little Dingley Pond	T4 R5 NBKP
Little Elm Pond	T4 R16 WELS
Little Fish Pond	T3 R3 NBKP
Little Foley Pond	T4 R18 WELS

Somerset County:

Pond	Civil Division
Little Lane Pond	T3 R4 NBKP
Little Moxie Pond	T2 R4 BKP EKR
Little Mucalsea Pond	T5 R16 WELS
Long Pond (Includes Lewiston Pond)	T3 R5 NBKP
Loon Stream Deadwater	T6 R16 WELS
Mary Petuche Pond	T4 R4 NBKP
Mayfield Pond	Brighton Plantation- Mayfield Township
Middle Grenier Pond	T4 R5 NBKP
Mule Pond	T5 R16 WELS
No Name Pond	T4 R3 NBKP
Otter Pond	Mayfield Township
Penobscot Lake	T3 R4 NBKP-T3 R5 NBKP- T4 R4 NBKP-T4 R5 NBKP
Roberts Pond	T5 R20 WELS
Russell Pond	T5 R16 WELS
Sears Pond	T3 R5 NBKP
Seboomook Lake	Seboomook Township- T1 R4 NBKP-T2 R4 NBKP
Spaulding Pond	T3 R5 NBKP
Spencer Pond	T4 R18 WELS
Trickey Pond	T3 R3 NBKP
Truesdale Pond	T4 R18 WELS

MIDAS CODE NUMBER	
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MAINE COLLEGE UNIVERSITIES	
REG. PLAN. DEVELOP. DIST.	
STATE AGENCIES	3 3
FEDERAL AGENCIES	
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Somerset County:

Pond	Civil Division
Upper Dingley Pond	T4 R5 NBKP
Welman Pond	T4 R4 NBKP
Whipple Pond	T5 R7 BKP WKR
Whites Pond	Palmyra

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MAINE COLLEGE UNIVERSITIES	
REG. PLAN. DEVELOP. DIST.	
STATE AGENCIES	3 3 3
FEDERAL AGENCIES	
MIDAS CODE NUMBER	

Waldo County:

Pond	Civil Division
Drake Pond	Jackson
Halfmoon Pond	Prospect-Searsport
Lily Pond	Monroe
Northern Pond	Monroe
Thistle Pond	Monroe
Toddy Pond	Brooks-Swansville

MIDRS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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Washington County:

Pond	Civil Division
Baskahegan Lake	Brookton-Topsfield
Crooked Brook Flowage	Danforth
Crooked Brook Lake	T10 R3 NBPP
Drake Lake (Flowage with Jackson Brook Lake)	T10 R3 NBPP
Jackson Brook Lake (Flowage Brookton-T10 R3 NBPP with Drake Lake)	
Little Pickerel Pond	Brookton
Middle Deadwater	T7 R2 NBPP
Pickerel Pond	Topsfield
Upper Hot Brook Lake	Danforth-T8 R4 NBPP

PISCATAQUA RIVER BASIN:

York County:

<u>Pond</u>	<u>Civil Division</u>
Bauneg Beg Pond	North Berwick-Sanford
Beaver Dam Pond	Berwick
Cox Pond	South Berwick
Curtis Pond	Sanford
Deering Pond	Sanford
Great East Lake	Acton Wakefield-Carrol, N.H.
Horn Pond	Acton Wakefield-Carrol, N.H.
Knights Pond	South Berwick
L Pond (Ell Pond)	Sanford-Wells
Leigh Mill Pond	South Berwick
Murdock Lake	Berwick
Northeast Pond	Acton-Lebanon Milton, Strafford, N.H.
Old Fishing Pond	Sanford
Picture Pond	Sanford
Sand Pond	Sanford
Spaulding Pond	Lebanon Milton-Rochester, Strafford, N.H.

2-80

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MAINE COLLEGE UNIVERSITIES	
REG. PLAN. DEVELOP. DIST.	
STATE AGENCIES	3 3 3
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York County:

Pond	Civil Division
Town House and Milton Ponds. Flowage with Northeast Pond	Lebanon Milton-Strafford, N.H.
Wallingford Pond	Lebanon
Warren Pond	South Berwick
Wilson Lake	Acton

PRESUMPCOT RIVER BASIN

Cumberland County:

Pond	Civil Division
Adams Pond	Bridgton
Bay of Naples (Brandy Pond)	Naples
Flowage with Long Lake	
Bog Pond	Harrison
Browns Pond	Sebago
Chaffin Pond	Windham
Coffee Pond	Casco
Cold Rain Pond	Naples
Collins Pond	Windham
Crescent Lake (Rattlesnake Pond)	Casco-Raymond
Crystal Lake	Harrison
Duck Pond	Standish
Dumpling Pond	Casco
Dundee Pond	Gorham-Windham
Farwell Bog	Raymond
Forest Lake	Cumberland-Gray-Windham
Highland Lake (Duck Lake)	Bridgton
Holt Pond	Palmouth-Westbrook-Windham
Ingalls Pond	Bridgton

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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<u>Pond</u>	<u>Civil Division</u>
Island Pond	Harrison Waterford-Oxford Co.
Little Pond	Otisfield
Little Duck Pond	Windham
Little Sebago Lake	Gray-Windham
Long Lake	Bridgton-Naples
Mill Pond	Windham
North Gorham Pond	Gorham-Windham
Nubble Pond	Raymond
Otter Pond	Bridgton
Otter Pond No. 2	Standish
Owl Pond	Casco
Panther Pond	Raymond
Parker Pond	Casco
Peabody Pond	Bridgton-Sebago
Perley Pond	Sebago
Pettingill Pond	Windham
Pleasant Lake	Casco-Otisfield
Raymond Pond (Little Rattlesnake Pond)	Raymond

2-83

Cumberland County:

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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Pond	Civil Division
Rich Mill Pond	Standish
Sebago Lake	Casco-Naples-Raymond- Sebago-Standish-Windham
Tarkill Pond	Windham
Thomas Pond	Casco-Raymond
Trickey Pond	Naples
Wood Pond	Bridgton

Oxford County:

Civil Division

Pond

Bear Pond	Waterford
Black Pond	Sweden
Broken Bridge Pond	Albany
Chalk Pond	Albany
Crocker Pond	Albany
Duck Pond	Waterford
Furlong Pond	Albany-Greenwood-Norway
Hutchinson Pond	Albany
Island Pond	Waterford
Keewaydin Lake	Harrison-Cumberland Co.
Keoka Lake	Stoneham
Kneeland Pond	Waterford
Little Moose Pond (Moose Pond)	Albany
Little Papoose Pond	Waterford
McWain Pond (Long Pond)	Albany
Mud Pond	Waterford
Papoose Pond	Albany
Papoose Pond	Waterford
Proctor Pond	Albany-Stoneham
Songo Pond.	Albany

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	MAINE COLL'S	PRIVATE	OTHER PRIVATE	OTHER
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Oxford County:

Pond	Civil Division
Speck Pond No. 2	Norway
Stearns Pond	Sweden
Virginia Lake	Stoneham
Weymouth Pond	Stoneham

SACO RIVER BASIN

Cumberland County:

Pond	Civil Division
Adams Pond	Baldwin-Standish
Barker Pond	Sebago Denmark-Oxford County
Beaver Pond	Bridgton
Bonny Eagle Pond	Standish Buxton-York County
Hancock Pond (Flowage with Walden Pond)	Denmark-Oxford County
Ingalls Pond (Fosters Pond)	Baldwin
Little Watchic Pond	Standish
Moose Pond	Bridgton Denmark-Sweden-Oxford Co.
Sand Pond	Baldwin
Southeast Pond	Baldwin-Sebago Hiram-Oxford County
Watchic Pond	Standish

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	MAINE COLL'S	PRIVATE	OTHER PRIVATE	OTHER
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Oxford County:

Pond	Civil Division
Beaver Pond	Denmark
Bickford Pond	Porter
Black Pond	Fryeburg
Bog Pond	Fryeburg
Boston Pond	Denmark
Bradley Pond	Lovell
Bryant Pond	Hiram
Burnt Meadow Pond	Brownfield
Cat Pond	Fryeburg
Chapman Pond	Porter
Charles Pond	Fryeburg
Clays Pond	Fryeburg
Clemons Pond	Hiram
Colcord Pond	Porter
Cushman Pond	Lovell
Dan Charles Pond	Lovell
Dead Lake	Fryeburg
Farrington Pond	Lovell
Five Kezar Ponds Includes: Back Pond Unnamed Pond Middle Pond,	Lovell-Stoneham- Waterford
Granger Pond	Denmark
Hancock Pond	Denmark
Flowage with Walden Pond	Sebago-Cumberland Co.

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Oxford County:

Pond	Civil Division
Heald Pond	Lovell
Horseshoe Pond	Denmark
Horseshoe Pond	Fryeburg
Horseshoe Pond	Fryeburg
Horseshoe Pond	Lovell-Stoneham
Hunt Pond	Fryeburg
Impoundment (Kezar River)	Lovell
Ingalls Pond (Fosters Pond)	Hiram
	Baldwin-Cumberland Co.
Jaybird Pond	Hiram-Porter
Jewett Pond	Waterford
(Five Kezar Ponds)	
Keys Pond	Sweden
Kezar Lake	Lovell-Stow
Kezar Pond	Fryeburg
Little Pond	Denmark
Little Clemons Pond	Hiram
Lovewell Pond	Fryeburg
Lower Kimball Pond	Fryeburg
	Chatham-Caroll, N.H.
Middle Pond	Hiram
Mine Pond	Porter
Moose Pond	Denmark-Sweden
	Bridgton-Cumberland Co.

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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Oxford County:

Pond	Civil Division
Pequawket Pond (Rattlesnake Pond)	Brownfield
Perley Pond	Denmark
Pickerel Pond	Denmark
Plain Pond	Porter
Pleasant Pond	Brownfield-Denmark- Fryeburg
Shell Pond	Stoneham-Stowe
Spectacle Pond No. 1	Porter
Spectacle Pond No. 2	Porter
Stanley Pond	Hiram-Porter
Trafton Pond	Hiram-Porter
Trout Pond	Stoneham
Walden Pond (Sand Pond) Flowage with Hancock Pond	Denmark
Webber Pond	Sweden

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REG. PLAN. DEVELOP. DIST.	
STATE AGENCIES	3 3 3 3 3 3 3 3 3 3 3 3
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MIDAS CODE NUMBER	

York County:

Pond	Civil Division
Balch & Stump Ponds	Acton-Newfield Wakefield-Carroll, N.H.
Bartlett Pond	Lyman-Waterboro
Boyd Pond	Limington
Brimstone Pond	Arundel
Champion Pond	Parsonfield
Deer Pond	Hollis
Doles Pond	Limington
Foss Pond No. 1	Limington
Foss Pond No. 2	Limington
Granny Kent Pond	Shapleigh
Haley Pond No. 1	Cornish
Haley Pond No. 2	Cornish
Hansen Pond	Acton-Shapleigh
Hidden Lake (Pinkham Pond)	Newfield
Horne Pond (Pequawket Lake)	Limington
Isinglass Pond	Hollis-Waterboro
Killick Pond	Hollis
Little Ossipee Flowage	Limerick-Waterboro (The Flowage)

Pond Civil Division

Civil Division

Waterboro

Shapleigh

Parsonfield

Newfield

Newfield

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Parsonfield

Waterboro

Lyman

Summary

Limerick

Newfield-Shapleigh

Parsonfield

Effingham-Wakefield-
Carroll, N.H.

Lyman

Newfield

Limitation

Newfield-Shapleigh

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Newfield

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MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN. UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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York County:

Pond	Civil Division
Sokokis Lake (Holland Pond)	Limerick
Spicer Pond	Shapleigh
Spruce Pond	Parsonfield
Swan Pond	Acton
Swan Pond	Lyman
Symmes Pond	Newfield
Tarwater Pond	Lyman
Unnamed Pond	Limington
Ward Pond	Limington
West Pond	Parsonfield

SAINT CROIX RIVER WATERSHED:

Aroostook County:

Pond	Civil Division
Brackett Lake	Weston
Grand Lake (East Grand Lake)	Orient-Weston
	Danforth-T9 R4 NBPP-Washington Co.
	Canada
Longfellow Lake (Deering Lake)	Orient-Weston
Longley Lake	Orient
North Lake	Orient
Flowage with East Grand Lake	Canada
Saint Croix Lake	T7 R4 WELS-T8 R4 WELS

MIDAS CODE NUMBER	
FEDERAL AGENCIES	
STATE AGENCIES	3
DEVELOP. DIST.	3
REG. PLAN.	3
UNIVERSITIES	
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Panobscot County:

Pond

Horseshoe Lake	Civil Division Lakeville Pltn.-T5 R1 NBPP T5 ND BPP-Washington Co.
Horseshoe Pond	T7 R7 WELS
Junior Lake (Flowage with Pocumcus, Scraggly & West Grand Lakes)	Lakeville Pltn.-T5 R1 NBPP
Keg Lake	Lakeville Plantation
Lombard Lake	Lakeville Plantation
Lowell Lake	Carrol Pltn.-Springfield
Lower Pug Lake	Lakeville Plantation
Mill Privilege Lake	Carrol Pltn.-T5 R1 NBPP
Norway Lake	T5 R1 NBPP
Scraggly Lake (Flowage with Junior, Pocumcus and West Grand Lakes)	T6 R1 NBPP Washington Co. - T5 R1
Shaw Lake	T5 R1 NBPP T6 R1 NBPP-Washington Co.
Sysladobsis Lake	Lakeville Plantation T4 ND BPP-Hancock Co. T5 ND BPP-Washington Co.
Upper Pug Lake	Lakeville Plantation
Upper Sysladobsis Lake	Lakeville Plantation
West Grand Lake (Flowage with Junior, Pocumcus, Pug & Scraggly Lakes)	T5 R1 NBPP-Grand Lake Stream Pltn. T5 ND BPP-T6 ND BPP- T6 R1 NBPP-Washington Co.

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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Washington County:

Pond	Civil Division	MIDRS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
Big Lake	Grand Lake Stream Pltn. Indian Township - No. 21 Pltn.- T27 ED BPP				3					
Big Greenland Lake (Flowage with Little Greenland Lake)	Danforth									
Carlos Pond (Penman Pond)	T26 ED BPP									
Clifford Lake	T26 ED BPP-T27 ED BPP				3					
Conic Lake	Baring									
East Monroe Pond	T43 MD BPP				3					
East Musquash Lake	Topsfield				3					
Enoch Lake	T1 R1 TS				3					
Farrow Lake	Topsfield									
Flood Lake	Talmadge				3					
Grand Falls Flowage (Grand Falls Lake)	Baileyville-Indian Twnsp. Princeton-T1 R1 TS									
Grand Lake (East Grand Lake)	Danforth-T9 R4 NBPP Orient-Weston-Aroostook Co. Canada				3					
Hosea Pug Lake	T26 ED BPP									
Hound Brook Lake	T1 R2 TS				3					
Howard Lake	Calais-Robbinston									
LaCoute Lake	Vanceboro				3					
Lambert Lake	T1 R3 TS-T11 R3 NBPP				3					
Lewy Lake	Indian Twp.-Princeton				3					

Pond	Civil Division
Pocumcus Lake (Flowage with Junior, Scraggly & West Grand Lakes)	T5 ND BPP T6 ND BPP
Pork Barrel Lake	T6 R1 NBPP
Rand Lake	Robbinston
Silver Pug Lake (Pug Lake)	T26 ED BPP
Simon Pond	Codyville Plantation
Simsquish Lake	T1 R3 TS
Spednic Lake (Chiputneticook Lakes)	Vanceboro-T9 R4 NBPP T10 R3 NBPP-T11 R3 NBPP Canada
Sysladobsis Lake	T5 ND BPP - T4 ND BPP--Hancock County Lakeville Pltn.--Penobscot Co.
Tomah Lake	T10 R3 NBPP
Upper Flood Lake	Talmadge
Upper Oxbrook Lake	Talmadge-T6 R1 NBPP
Vose Pond	Calais
Wabassus Lake	T5 ND BPP-T6 ND BPP-- T43 MD BPP
West Grand Lake (Flowage with Junior, Pocumcus, Pug and Scraggly Lakes)	Grand Lake Stream Pltn. T5 ND BPP-T6 ND BPP-- T6 R1 NBPP T5 R1 NBPP--Penobscot Co.
West Monroe Pond	T43 MD BPP
West Musquash Lake	Talmadge-T6 R1 NBPP
Woodland Flowage	Baileyville Canada

2-98

SAINT JOHN RIVER WATERSHED:

Aroostook County:

Pond	Civil Division
Alder Lake	Chapman-T11 R4 WELS
Alerton Lake	Monticello
Arnold Brook Lake	Presque Isle
B Lake	Hammond Pltn.-Smyrna
Basil Pond	Fort Kent
Bean Pond	T11 R17 WELS
Beau Lake	T19 R11 WELS T20 R11 & 12 WELS
	Canada
Beaver Pond	T8 R5 WELS
Beaver Pond	T12 R17 WELS
Beaver Pond	T14 R5 WELS
Beaver Tail Pond	T14 R9 WELS-T14 R10 WELS
Ben Lake	Wallagrass
Bennett Lake	Easton
Big Black Brook Lake	Caswell Plantation
Big Brook Lake	T14 R10 WELS
Big Machias Lake	T12 R8 WELS-T12 R9 WELS
Billings Pond	T11 R9 WELS
Bishop Pond	Fort Fairfield

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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Aroostook County:

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Pond	Civil Division
Bishop Pond	T13 R7 WELS
Black Lake	Fort Kent
Black Lake	T16 R9 WELS
Black Pond	Saint John Plantation
Black Pond	T15 R9 WELS
Blake Lake	T16 R6 WELS
Blood Lake	T14 R15 WELS
Blue Pond	T13 R13 WELS
Bog Lake	T14 R5 WELS
Bourgoin Lake	Frenchville-Saint Agatha
Bradbury Lake	New Limerick
Bran Lake	Saint Francis Plantation
Brandy Pond	T7 R4 WELS
Brislottle Lake	Saint Agatha
Bruleau Pond	T14 R15 WELS-T15 R15 WELS
Burnt Pond	T9 R7 WELS
Burntland Pond	T11 R17 WELS-T12 R17 WELS
California Pond	New Canada Plantation
Cameron Bog	Hammond
Caribou Lake	Washburn
Caribou Pond	T11 R9 WELS-T11 R10 WELS

Civil Division

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NUMBER

<u>Pond</u>	<u>Civil Division</u>
Deboullis Pond	T15 R9 WELS
Dear Pond	Saint John Plantation
Denny Pond	T15 R9 WELS
Dickey Pond	T17 R5 WELS
Dickwood Lake	Eagle Lake
Duck Pond	T15 R9 WELS
Eagle Lake	Eagle Lake-Wallagrass T16 R5 WELS-T16 R6 WELS
East Lake	T17 R14 WELS Canada
Easton Pond	Easton
Echo Lake	Presque Isle
Ed Jones Pond	T12 R15 WELS
Eyelet Pond	T12 R12 WELS
Falls Pond (Fall Brook Lake)	Allagash Plantation- T18 R10 WELS
Farrar Pond	T11 R10 WELS
Ferguson Pond	T14 R8 WELS
Fifth Negro Brook Lake	T15 R9 WELS
First Chase Pond	T14 R9 WELS
First Musquacook Lake (Flowage with Second Musquacook Lake)	T11 R11 WELS
First Negro Brook Lake	T16 R9 WELS
First Sly Brook Lake	New Canada

2-102

Aroostook County:

Pond	Civil Division	MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN. UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
Fischer Lake	Fort Fairfield								
Fish River Lake	T13 R8 WELS-T14 R8 WELS			3					
Fogelin Pond	New Sweden			3					
Fourth Musquacook Lake	T11 R11 WELS T10 R11-Piscataquis Co.			3					
Fourth Negro Brook Lake	T16 R9 WELS			3					
Fox Pond	T17 R12 WELS								
Gardner Pond	T15 R9 WELS			3					
Gerard Pond	Caswell Plantation			3					
Germain Lake	Madawaska			3					
Gilbert and Little Gilbert Ponds	Saint John Plantation			3					
Glancy Lake	New Limerick			3					
Glazier Lake (includes McPherson & McKeon Ponds)	T18 R10 WELS Canada			3					
Glazier Pond	T11 R12 WELS								
Gould Pond	New Limerick			3					
Green Pond	New Limerick			3					
Greenlaw Pond	T12 R7 WELS-T12 R8 WELS			3					
Grey Pond	T12 R13 WELS								
Hafey Pond	T18 R11 WELS			3					
Hanson Brook Lake	Mapleton-Presque Isle			3					
Hewes Brook Pond	T14 R7 WELS			3					
Hodgdon Deadwater	Hodgdon								

Aroostook County:

Pond	Civil Division	MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
Long Pond	T11 R10 WELS-T11 R11 WELS				3					
Long Pond	T13 R8 WELS									
Lost Pond	T10 R8 WELS									
Lost Pond	T11 R10 WELS				3					
Lower Deadwater Pond	T11 R9 WELS									
Luciffee Pond	T14 R8 WELS				3					
Madawaska Lake	Westmanland-T16 R4 WELS				3					
Marcial Lake	Wallagrass									
Mars Hill Pond	Mars Hill									
Martin Lake	Caswell Plantation									
Matherson Pond	T8 R5 WELS-T9 R5 WELS				3					
McClusky Lake	T14 R5 WELS-T15 R5 WELS				3					
McGowen Pond	T11 R8 WELS-T12 R8 WELS				3					
McKeen Lake	T14 R10 WELS				3					
McLean Lake	Saint Francis Plantation				3					
Meduxnekeag Lake (Drews Lake)	Linneus-New Limerick- Oakfield				3					
Mink Pond	T14 R10 WELS									
Mink Marsh Pond	T11 R10 WELS									
	T10 R10 WELS-Piscataquis Co.				3					
Moccasin Pond	T14 R8 WELS				3					
Monson Lake	Littleton									
Monson Pond	Easton-Fort Fairfield				3					

Aroostook County:

Pond

Civil Division

Rideout Lake	Monticello
Robbins Brook Pond	T12 R11 WELS
Ross Lake	Littleton-Monticello
Round Pond	T13 R12 WELS
Round Pond	T14 R8 WELS
Round Mountain Pond	T11 R8 WELS
Rowe Lake	T11 R8 WELS
Safford Pond	Mars Hill
Saint Froid Lake	Winterville Plt.-
Salmon Brook Lake	T14 R7 WELS
Scott Pond	Perham
Second Chase Pond	T8 R3 WELS
Second Musquacook Lake	T14 R9 WELS
Flowage with First Mus-	T11 R11 WELS
quacook Lake	
Second Negro Brook Lake	T16 R9 WELS
Second Sly Brook Lake	New Canada
Silver Lake	T15 R5 WELS
Sixth Negro Brook Lake	T15 R9 WELS
Smith Pond	T8 R5 WELS
Smith Brook Pond	T7 R3 WELS
Soldier Pond	Wallagrass
Squapan Lake	Ashland-Masardis
	T10 R4 WELS-T11 R4 WELS

MIDAS CODE
NUMBER

FEDERAL
AGENCIES

STATE
AGENCIES

DEVELOP. DIST.

REG. PLAN.

UNIVERSITIES

PRIVATE

OTHER PRIVATE

OTHER

<u>Pond</u>	<u>Civil Division</u>
Square Lake	T15 R5 WELS-T16 R5 WELS
Squirrel Pond	T11 R10 WELS
Sterling Pond	T13 R7 WELS
Stink Pond	T15 R9 WELS
Sucker Lake	Weston Danforth-Washington Co.
Sweeney Pond	T12 R12 WELS
Third Chase Pond	T14 R9 WELS
Third Musquacook Lake	T11 R11 WELS
Third Negro Brook Lake	T16 R9 WELS
Third Sly Brook Lake	New Canada
Third Wallagrass Lake	Saint John Plantation
Timoney Lake	Oakfield-Smyrna
Togue Pond	T15 R9 WELS
Trafton Lake	Limestone
Twin Pond	T12 R12 WELS
Two Mile Pond	T16 R13 WELS-T16 R14 WELS
Ugh Lake	T12 R14 WELS
Umcolcus Lake	T7 R5 WELS-T8 R5 WELS T7 R6 WELS- T8 R6 WELS- Penobscot Co.
Umsask's Lake	T11 R13 WELS
Flowage with Long Lake	T10 R13 WELS-Piscataquis Co.
Upper Pond	T15 R9 WELS

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DEVELOP. DIST.	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
STATE AGENCIES	
FEDERAL AGENCIES	
MIDAS CODE NUMBER	

Penobscot County:

Pond

Civil Division

Black Cat Pond	T8 R6 WELS
Boody Pond	T8 R8 WELS
Carey Lake	T8 R6 WELS
Carry Pond	T8 R7 WELS
Cranberry Pond	T8 R6 WELS
Cranberry Pond	T8 R6 WELS
Cut Lake	T7 R6 WELS - T8 R6 WELS
Duck Lake	Lakeville Plantation
LaPomkeag Lake	T8 R6 WELS-T8 R7 WELS
Lower LaPomkeag Lake	T8 R7 WELS
McGilvry Pond	T8 R6 WELS
Millimagassett Lake	T7 R8 WELS
Round Pond	T7 R8 WELS
Soule Pond	T7 R9 WELS-Piscataquis Co.
Umcolcus Lake	T7 R8 WELS
	T7 R6 WELS-T8 R6 WELS
	T7 R5 WELS-T8 R5 WELS-
	Aroostook County

MIDRS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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<u>Piscataquis County:</u>	<u>Civil Division</u>
<u>Pond</u>	
Atkins Pond	T8 R9 WELS
Bartlett Pond	T10 R9 WELS
Big Beaver Pond	T7 R9 WELS
Big Caribou Pond	T7 R10 WELS
Big Reed Pond	T8 R10 WELS
Black Spruce Pond	T8 R10 WELS
Bluffer Pond	T8 R11 WELS
Bog Pond	T7 R12 WELS
Brown Pond	T8 R9 WELS
Buckley Pond	T8 R10 WELS
Cedar Pond	T8 R10 WELS
Chandler Pond	T7 R10 WELS-T8 R10 WELS
Chase Lake	T9 R10 WELS
Chemquasabamticook Lake (Ross Lake)	T9 R14 WELS-T9 R15 WELS- T10 R15 WELS
Churchill Lake (Includes Heron Lake)	T9 R12 WELS- T10 R12 WELS
Clarkson Pond	T9 R13 WELS-T9 R14 WELS
Clear Lake	T10 R11 WELS
Cliff Lake (Includes Twin Lake)	T8 R12 WELS- T9 R12 WELS
Eagle Lake (Includes Round Pond)	T7 R12 WELS-T8 R12 WELS T8 R13 WELS-T9 R13 WELS
Echo Lake	T9 R11 WELS

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<u>Pond</u>	<u>Civil Division</u>
Mooseleuk Lake	T10 R9 WELS
Mountain Pond	T10 R10 WELS
Mountain Brook Pond	T8 R10 NWUP
Munsungan Lake (Includes Little Munsungan Lake)	T8 R9 WELS-T8 R10 WELS T9 R10 WELS
Murphy Pond	TA R11 WELS
Otter Pond	T8 R12 WELS-T9 R12 WELS
Partridge Pond	T8 R11 WELS
Peaked Mountain Pond	T10 R10 WELS-T10 R11 WELS
Pillsbury Pond	T8 R11 WELS
Pleasant Lake	T9 R11 WELS-T10 R11 WELS
Pretty Pond	T8 R11 WELS
Priestly Lake	T10 R13 WELS
Ragged Pond	T9 R10 WELS
Reed Deadwater	T8 R10 WELS
Round Pond	T7 R9 WELS T7 R8 WELS-Penobscot Co.
Second Currier Pond	T9 R11 WELS
Second South Branch Russell Pond	T8 R14 WELS
Sewall Deadwater Pond	T9 R10 WELS
Sixth Currier Pond	T8 R10 WELS-T9 R10 WELS
Smith Brook Pond	T9 R10 WELS
Snowshoe Pond	T8 R11 WELS
Soper Pond	T8 R12 WELS

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MAINE COLLS UNIVERSITIES	
REG. PLAN. DEVELOP. DIST.	
STATE AGENCIES	3 3 3
FEDERAL AGENCIES	3 3 3
MIDAS CODE NUMBER	

Piscataquis County:

Pond	Civil Division
Spider Lake	T9 R11 WELS-T9 R12 WELS
Spring Pond	T7 R10 WELS
Umsaskis Lake (Flowage with Long Lake)	T10 R13 WELS T11 R13 WELS-Aroostook Co.
Upper Bluffer Pond	T8 R11 WELS
Upper Deadwater Pond	T10 R11 WELS
Upper Elbow Pond	T10 R10 WELS-T10 R11 WELS
Upper Island Pond	T10 R10 WELS
Upper Moose Pond	T7 R10 WELS
Upper Partridge Pond	T8 R11 WELS
Upper Portage Pond	T9 R11 WELS
Upper Russell Pond	T9 R14 WELS
Upper Soper Pond	T8 R11 WELS
Woodman Pond	T7 R11 WELS-T7 R12 WELS

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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Somerset County:

Pond	Civil Division
Austin Pond	T5 R17 WELS
Baker Lake	T7 R17 WELS
Clayton Pond	T6 R17 WELS
Desolation Pond	T8 R16 WELS
Fifth Saint John Pond	T5 R17 WELS-T6 R17 WELS
Fourth Saint John Pond	T5 R17 WELS
Little Saint John Lake	T5 R20 WELS Quebec, Canada
Lower First Saint John Pond	T4 R17 WELS
Robinson Pond	T4 R17 WELS
Saint Francis Lake	T8 R16 WELS
Second Saint John Pond	T4 R17 WELS
Summit Pond	T4 R17 WELS
Third Saint John Pond	T4 R17 WELS-T5 R17 WELS
Turner Pond	T7 R16 WELS
Upper First Saint John Pond	T4 R17 WELS- T4 R18 WELS

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REG. PLAN. DEVELOP. DIST.	
STATE AGENCIES	3 3
FEDERAL AGENCIES	
MIDAS CODE NUMBER	

DAMARISCOTTA RIVER WATERSHED:

Lincoln County:

Pond	Civil Division
Cooks Pond	Nobleboro
Damariscotta Lake	Jefferson-Newcastle-Nobleboro

DENNYS RIVER WATERSHED:

Washington County:

<u>Pond</u>	<u>Civil Division</u>
Great Works Pond	Edmunds Township
Lake Cathance	Cooper- No. 14 Plantation
Little Cathance Lake	No. 14 Plantation
Little Lake	Baring-Meddybemps
Meddybemps Lake	Alexander-Baileyville- Baring-Meddybemps
Pleasant Lake	Alexander
Pleasant River Lake	Beddington-T29 MD BPP
Ryan Lake	Baileyville

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REG. PLAN. DEVELOP. DIST.	
STATE AGENCIES	3 3 3 3 3
FEDERAL AGENCIES	
MIDRS CODE NUMBER	

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NUMBER

OTHER	
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MAINE COLLS UNIVERSITIES	
REG. PLAN. DEVELOP. DIST.	
STATE AGENCIES	3
FEDERAL AGENCIES	
MIDAS CODE NUMBER	

Washington County:

Pond	Civil Division
Spectacle Lake No. 1	TL9 ED BPP
Spectacle Lake No. 2	TL9 ED BPP
Upper Mud Lake	Alexander
Vining Lake	Cooper-No. 14 Plantation

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REG. PLAN. DEVELOP. DIST.	
STATE AGENCIES	3 3
FEDERAL AGENCIES	
MIDAS CODE NUMBER	

Kennebunk River Watershed:

<u>York County:</u>	<u>Civil Division</u>
<u>Pond</u>	
Alewife Pond	Kennebunk
Davis Pond	Arundel
Kennebunk Pond	Lyman

MACHIAS RIVER WATERSHED:

Hancock County:

Pond	Civil Division
Burnt Land Lake	T35 MD BPP
Campbell Lake	T35 MD BPP
Ducktail Pond	Amherst
Dutton Pond	Amherst
Floods Pond	Otis
Fourth Machias Lake	T41 MD BPP
	T5 ND BPP-T42 MD BPP- Washington County
Green Lake	T35 MD BPP
Green Lake	T35 MD BPP
Lower Pond	T35 MD BPP
Lower Sabao Lake	T35 MD BPP
Lower Unknown Lake	T4 ND BPP
Middle Unknown Lake	T4 ND BPP
Pughole Pond	T41 MD BPP
Stiles Lake	T35 MD BPP
Upper Sabao Lake	T41 MD BPP
Upper Unknown Lake	T4 ND BPP

MIDRS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	MAINE COLL'S	PRIVATE	OTHER PRIVATE	OTHER
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Washington County:

Pond	Civil Division	
Barren Pond	T24 MD BPP	
Beaver Pond	T42 MD BPP	
Black Brook Pond No. 1	T19 MD BPP	
Black Brook Pond No. 5	T19 MD BPP-T25 MD BPP	
Bog Lake	Northfield	
Bowles Lake	T31 MD BPP	
Dead Pond	T25 MD BPP	
Fifth Machias Lake	T36 MD BPP	
First Lake	T37 MD BPP	
First Chain Lake (Flowage with Second & Third Chain Lakes)	Wesley-T26 ED BPP	
First Machias Lake	T37 MD BPP	
Fourth Lake	T37 MD BPP	
Fulton Lake	Northfield	
Getchel Lake No 1 (Flow- age Third Machias Lake)	T43 MD BPP	
Getchell Lake No. 2	T43 MD BPP	
Goose Pond	T24 MD BPP	
Grassy Pond	T19 MD BPP	
Great Brook Lake	Marshfield	
Grover Lake	T31 MD BPP	
Hadley Lake No. 1	T24 MD BPP	
Hadley Lake No. 2	T24 MD BPP	
Harmon Lake	Whitneyville	

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	MAINE COLL'S	PRIVATE	OTHER PRIVATE	OTHER
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Washington County:

Pond	Civil Division
Horse Lake	T37 MD BPP
Horseshoe Lake	Northfield
Indian Lake	Crawford-Wesley T19 ED BPP
Keeley Lake	Marshfield
Knox Lake	T36 MD BPP
Lily Lake	T30 MD BPP
Little Grover Lake	T31 MD BPP
Little Seavey Lake	Wesley
Long Lake	Northfield-Wesley- T18 ED BPP-T19 ED BPP
Lower Cranberry Lake	T30 MD BPP-T36 MD BPP
Marks Lake	Marshfield
Mopang Lake	T29 MD BPP
Mopang First Lake	T30 MD BPP
Mopang Second Lake	T29 MD BPP-T30 MD BPP
Otter Lake	Wesley
Peaked Mountain Pond	Centerville-Northfield- T19 MD BPP
Peep Lake	T30 MD BPP
Penman Pond	^{ED} T26 MD BPP-T31 MD BPP
Pickarel Lake	T30 MD BPP
Pretty Pond	T24 MD BPP
Rocky Lake	T25 MD BPP

MIDRS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN. UNIVERSITIES	MAINE COLL'S	PRIVATE	OTHER PRIVATE	OTHER
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Washington County:

<u>Pond</u>	<u>Civil Division</u>
Round Lake	T18 ED BPP-T19 ED BPP
Salmon Pond	T30 MD BPP
Sam Hill Lake	T31 MD BPP
Seavey Lake	Marshfield
Seavey Lake	Wesley
Second Lake (Flowage with Third Lake)	T37 MD BPP
Second Chain Lake	T26 ED BPP- T31 MD BPP- T37 MD BPP
Second Machias Lake	T36 MD BPP-T37 MD BPP
Second Marks Lake	Marshfield
Six Mile Lake	Marshfield-Whitneyville
Third Lake (Flowage with Second Lake)	T37 MD BPP
Third Chain Lake	T26 ED BPP-T37 MD BPP
Third Machias Lake	T5 ND BPP-T42 MD BPP- T43 MD BPP
Trout Lake	T31 MD BPP
Upper Cranberry Lake	T30 MD BPP

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	MAINE COLLS	PRIVATE	OTHER PRIVATE	OTHER
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MEDOMAK RIVER WATERSHED:

Knox County:

<u>Pond</u>	<u>Civil Division</u>
Crystal Pond	Washington
Iron Pond	Washington
Johnson Pond	Appleton
Spring Pond	Washington
Washington Pond	Washington

Lincoln County:

Kalers Pond	Waldoboro
Little Medomak Pond	Waldoboro
Medomak Pond	Waldoboro

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN. UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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York County:

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NARRAGUAGUS RIVER WATERSHED:

Hancock County:

<u>Pond</u>	<u>Civil Division</u>
Allen Pond	T35 MD BPP
Bear Pond	T28 MD BPP
Bracey Pond	T34 MD BPP
Chalk Pond	T22 MD BPP
	Beddington-Washington Co.
Deer Lake	T34 MD BPP
Eagle Lake	T34 MD BPP
Humpback Bog	T28 MD BPP
Lovejoy Pond	T34 MD BPP
Lower Allen Pond	T34 MD BPP
Middle Allen Pond	T34 MD BPP
Myrick Pond	T10 SD BPP
Narraguagus Lake	T9 SD BPP-T10 SD BPP-
	T16 MD BPP
Third Lake	T28 MD BPP
Thirtyfive Pond	T35 MD BPP
Upper Allen Pond	T34 MD BPP
Williams Pond	T28 MD BPP

MIDRS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN. UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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Washington County:

Pond	Civil Division
Beddington Lake	Beddington
Flynn Pond	Deblois
Gray Pond	T29 MD BPP
Horseshoe Pond	Beddington
Horseshoe Pond	T18 MD BPP
Merrit Pond	Deblois
Mountain Pond	Beddington
Schoodic Lake	Cherryfield-Columbia-T18 MD BPP
Spruce Mountain Lake	Beddington

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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PASSAGASSAWAKEAG RIVER WATERSHED:

Waldo County:

Pond	Civil Division
Cross Pond	Morrill
Dutton Pond	Knox
Ellis Pond	Brooks
Lake Passagassawakeag	Brooks
Mixer Pond	Knox-Morrill
Sanborn Pond	Brooks-Knox
Smiths Millpond	Morrill

OTHER	
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MAINE COLL'S UNIVERSITIES	
REG. PLAN. DEVELOP. DIST.	3 3 3 3 3 3
STATE AGENCIES	
FEDERAL AGENCIES	
MIDAS CODE NUMBER	

OTHER	
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MAINE COLL'S UNIVERSITIES	
REG. PLAN. DEVELOP. DIST.	
STATE AGENCIES	3 3 3
FEDERAL AGENCIES	
MIDAS CODE NUMBER	

PLEASANT RIVER WATERSHED:

Washington County:

<u>Pond</u>	<u>Civil Division</u>
Little Horseshoe Pond	Beddington
Long Pond	T18 MD BPP
Montegail Pond	T19 MD BPP
Oak Pond	Deblois
Otter Pond	T24 MD BPP
Taylor Brook Pond	T18 MD BPP
West Pike Brook Pond	T18 MD BPP

ROYAL RIVER WATERSHED:

Cumberland County:

<u>Pond</u>	<u>Civil Division</u>
Dry Pond (Crystal Lake)	Gray
Lily Pond	New Gloucester
Notched Pond	Gray-Raymond
Sabbathday Pond	New Gloucester

OTHER	
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MAINE COLL'S UNIVERSITIES	
REG. PLAN. DEVELOP. DIST.	1
STATE AGENCIES	3 3 3 3
FEDERAL AGENCIES	
MIDRS CODE NUMBER	

SAINT GEORGE RIVER WATERSHED:

Knox County:

Pond	Civil Division
Alford Lake	Hope
Crawford Pond	Union-Warren
Fish Pond	Hope
Grassy Pond	Rockport
Hobbs Pond	Hope
Lermond Pond	Hope-Union
Lily Pond	Hope
Mansfield Pond	Hope
Mirror Lake (Oyster River Pond)	Rockport
Newbert Pond	Appleton
North Pond	Warren
Rocky Pond	Rockport
Round Pond	Union
Sennebec Pond	Appleton-Union
Seven Tree Pond	Union-Warren
Shermans Mill Pond	Appleton
South Pond	Warren
White Oak Pond	Warren

MIDAS CODE NUMBER	
FEDERAL AGENCIES	
STATE AGENCIES	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
DEVELOP. DIST.	
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MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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Lincoln County:

Pond	Civil Division
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Sidensparker Pond

Waldoboro

Waldo County:

Cargill Pond

Liberty

Dolliff Pond

Morrill

Kingdom Bog (Daves Pond-
Lily Pond)

Montville

Lawry Pond

Searsmont

Ledge Pond

Montville

Mud Pond

Montville

Saint George Lake
(Includes Little Pond)

Liberty

Stevens Pond

Liberty

Trues Pond

Liberty-Montville

SHEEPSKOT RIVER WATERSHED:

Kennebec County:

<u>Pond</u>	<u>Civil Division</u>
Fox Pond	Windsor
Long Pond	Windsor
Moody Pond	Somerville Pltn.-Lincoln Co.
Savade Pond	Windsor
	Windsor

Knox County:

Millpond	Washington
	Somerville Pltn.-Lincoln Co.

Lincoln County:

Clary Lake (Pleasant Pond)	Jefferson-Whitefield
Deer Meadow Pond	Jefferson
Dodge Pond	Somerville Plantation
Dyer Long Pond	Jefferson
Flood Pond	Jefferson
French Pond	Somerville Plantation
Horn Pond	Jefferson
James Pond	Somerville Plantation
Little Dyer Pond	Jefferson

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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MIDAS CODE NUMBER	

Lincoln County:

Pond	Civil Division
Musquash Pond	Jefferson
Sherman Lake	Edgecomb-Newcastle
Three Corner Pond	Jefferson
Travel Pond	Jefferson
Turner Pond	Somerville
Wear Pond	Palermo-Waldo County
	Whitefield

Waldo County:

Beech Pond	Palermo
Belden Pond	Palermo
Bowler Pond (Belton Pond)	Palermo
Chisholm Pond	Palermo
Colby Pond	Liberty
Foster Pond (Crotch Pond)	Palermo
Jump Pond	Palermo
Mud Pond	Palermo
Prescott Pond	Palermo
Quantabacook Lake	Morrill-Searsmont
Ruffingham Meadow Impoundment	Searsmont
Saban Pond	Palermo
Sheepscot Pond	Palermo

TUNK RIVER WATERSHED:

Hancock County:

Pond	Civil Division
Anderson Pond	T10 SD BPP
Barbless Pond	T7 SD BPP
Downing Pond	T10 SD BPP Cherryfield-Washington Co.
Little Long Pond	T10 SD BPP
Little Round Pond	T7 SD BPP
Little Tunk Pond	Sullivan
Long Pond	T10 SD BPP
Rainbow Pond	T10 SD BPP
Round Pond	T7 SD BPP-T10 SD BPP Steuben-Washington Co.
Salmon Pond	T10 SD BPP
Spring River Lake	T10 SD BPP
Tilden Pond	T10 SD BPP
Tunk Lake	Sullivan- T7 SD BPP-T10 SD BPP

MIDRS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	MAINE COLL'S	PRIVATE	OTHER PRIVATE	OTHER
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REG. PLAN.
DEVELOP. DIST.
STATE AGENCIES
FEDERAL AGENCIES
MIDAS CODE NUMBER

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REG. PLAN. DEVELOP. DIST.	
STATE AGENCIES	
FEDERAL AGENCIES	
MIDAS CODE NUMBER	

Penobscot County:	Civil Division
Pond	
Little Burnt Pond	Clifton
Middle Springy Pond (Flowage with Lower and Upper Springy Ponds)	Clifton
Upper Springy Pond	Clifton

MINOR COASTAL BASINS:

Cumberland County:

Pond	Civil Division
Clark Pond	South Portland
Great Pond	Cape Elizabeth
Massacre Pond	Scarborough
Mild Pond	Portland

Hancock County:

Aunt Betty Pond	Bar Harbor
Birch Harbor Pond	Winter Harbor
Black Pond	Sedgewick
Blunts Pond	Lamoine
Bogus Meadow	T7 SD BPP
Bubble Pond	Bar Harbor
Chicken Mill Pond	Gouldsboro
Donnell Pond	Franklin-T9 SD BPP
Duck Pond	Franklin
Eagle Lake	Bar Harbor
Echo Lake	Mount Desert
First Pond (Billings Pond)	Blue Hill
Flanders Pond	Sullivan
Forbes Pond	Gouldsboro
Fourth Pond	Blue Hill
Fox Pond	T10 SD BPP

MIDAS CODE NUMBER	FEDERAL AGENCIES	STATE AGENCIES	DEVELOP. DIST.	REG. PLAN.	UNIVERSITIES	PRIVATE	OTHER PRIVATE	OTHER
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Civil Division

Sedgewick

Goose Pond Swans Island

Franklin.

Bar Harbor

Mount Desert-Tremont

Ellsworth-Orland

Gouldsboro

Mount Desert

Bar Harbor

Deer Isle

Gouldsboro

Franklin

Mount Desert

Mount Desert

Mount Desert

Mount Desert-Southwest Harbor

Sullivan

Mout Desert

Ellsworth-Surv

Gouldsboro

Sullivan-T7 SD BPP

Blue Hill

Deer Isle

40 SD BPP

Swans Island

Swans Island

MIDAS CODE
NUMBER

**FEDERAL
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AGENCIES

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UNIVERSITIES

PRIVATE

**OTHER
PRIVATE**

OTHER

Hancock County:

Pond	Civil Division
Parker Pond	Brooksville
Pierce Pond	Penobscot
Ripple Pond	Mount Desert
Round Pond	Mount Desert
Seal Cove Pond	Tremont
Second Pond (Douglas Pond)	Blue Hill
Shillalah Pond	T10 SD BPP
Snake Pond	Brooksville
Somes Pond	Mount Desert
Third Pond (Woods Pond)	Blue Hill
Torrey Pond	Deer Isle
Upper Hadlock Pond	Mount Desert
Upper Patten Pond	Ellsworth-Orland-Surry
Walker Pond	Brooksville
West Bay & Upper Ponds	Gouldsboro-T7 SD BPP
Wight Pond	Blue Hill-Penobscot
Witch Hole Pond	Bar Harbor

Kennebec County:

Joys Pond (Joice Pond) Pittston

MIDAS CODE
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FEDERAL
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AGENCIES

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STATE AGENCIES	5	5	5	5	5	5	5	5	5	5	5	5
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MIDAS CODE NUMBER												

Pond Civil Division

Pond Civil Division

Belfast Reservoir No. 1	Belfast-Northport
Belfast Reservoir No. 2	Belfast
Cain Pond	Searsport
Coleman Pond	Lincolnville
Hurds Pond	Swanville
Knight Pond	Northport
Levensellar Pond	Lincolnville-Searsmont
Lower Mason Pond	Belfast

Belfast Reservoir No. 1	Belfast-Northport
Belfast Reservoir No. 2	Belfast
Cain Pond	Searsport
Coleman Pond	Lincolnville
Hurds Pond	Swanville
Knight Pond	Northport
Levensellar Pond	Lincolnville-Sears
Lower Mason Pond	Belfast

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Waldo County:

Pond

McClure Pond
Meadow Pond
Megunticook Lake

Moody Pond

Nichols Pond

Northern Pond
(Flowage with Megunticook Lake)

Norton Pond

Pitcher Pond

Smith Pond

Swanlake

Tilden Pond

Upper Mason Pond

Washington County:

Beaver Lake

Big Pond

Bog Lake

Boyden Lake

Coleback Lake

Cranberry Pond

Eastern Lake

Eastern Lake

Civil Division

Searsmont
Islesboro
Lincolnville
Camden-Hope-Knox Co.

Lincolnville

Swanville

Lincolnville

Lincolnville

Lincolnville-Northport

Swanville

Frankfort-Searsport-Swanville

Belmont

Belfast

Calais

Steuben

Marion

Perry-Robbinston

Charlotte

Baring

Robbinston

Whiting

Pond	Civil Division
Flowed Land Pond No. 4	Calais
Goulding Lake	Robbinston
Hobart Bog	Edmunds Township
Hobart Lake	Edmunds Township
Holmes Pond	Whiting
Impoundment	Pembroke
Indian Lake	Whiting
James Pond	Charlotte
Keene Lake	Calais
Ledge Pond	Charlotte
Lily Lake	Trescott
Little Lake	Whiting
Long Lake	Marion
Orange Lake	Whiting
Pennamaquan Lake	Charlotte-Pembroke
Roaring Lake	Whiting
Rocky & Sunken Lakes	Edmunds Township- Marion-Whiting
Round Lake	Charlotte
Shattuck Lake	Calais-Robbinston
Shiny Lake	Marion
Simpson Pond	Roque Bluffs
Western Lake	Robbinston
Western Lake	Whiting

**MIDAS CODE
NUMBER**

**FEDERAL
AGENCIES**

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REG. PLAN. DEVELOP. DIST.	
STATE AGENCIES	3 3 3
FEDERAL AGENCIES	
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York County:

Pond	Civil Division
Beaver Pond	Kennebunkport
Bell Marsh	York
Boulter Pond	York
Chases Pond	York
Etherington Pond	Biddeford
Folly Pond	York
Lake Carolyn (Passaconway Pond)	York
Middle Pond	York
Scituate Pond	York
York Pond	Eliot

Gor GB1625.M2W3
Inventory of lake studies in Maine

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**DATE DUE
GORHAM CAMPUS**

~~APR 27 1989~~

~~AUG 8 1990~~

~~MAR 18 1991~~

~~MAR 24 1991~~

~~JUL 15 1992~~

~~FEB 29 2000~~

