

ANNUAL REPORT
of the
*GREAT LAKES REGIONAL WATER USE
DATA BASE REPOSITORY*

REPRESENTING 1993 WATER USE DATA

Prepared by the Great Lakes Commission

*Prepared for the Water Resources Management Committee
Council of Great Lakes Governors*

*July 1998
Revised, February 2000*

ACKNOWLEDGEMENTS

The Great Lakes Commission acknowledges the support and involvement of the Water Resources Management Committee (WEMC) and its Technical Work Group, in the preparation of this report. Members of each are identified on succeeding pages.

Establishment of the Regional Water Use Data Base was made possible through a grant from the National Oceanic and Atmospheric Administration (NOAA) administered through the Council of Great Lakes Governors.

The Commission also acknowledges the contributions of Acres International, Ltd. In the original design of the data base and the U.S. Geological Survey for its continuing involvement in data base activities and operations.

The principal authors of this report were Great Lakes Commission staff members Dulcey Simpkins, Research Associate, and Marilyn Ratliff, Database Administrator. Project oversight was provided by Thomas R. Crane, Program Manager, Resource Management and Environmental Quality. Special thanks to Rita Straith, Manager, Support Services, for her assistance in report production and Dr. Michael J. Donahue, Executive Director, for his overall project guidance.

GREAT LAKES WATER RESOURCES MANAGEMENT COMMITTEE

January 29, 1999

ILLINOIS

Mr. Daniel Injerd, Chief
Lake Michigan Mgmt. Section
Office of Water Resources
Illinois Dept. of Natural Resources
310 S. Michigan Ave., 10th Floor
Chicago IL 60604
Ph: (312) 793-3123
Fax: (312) 793-5968
dinjerd@dnrmail.state.il.us

INDIANA

Mr. Jim Hebenstreit, Assist. Dir.
Division of Water
Indiana DNR
402 W. Washington, Room W264
Indianapolis IN 46241
Ph: (317) 232-4163
Fax: (317) 233-4579
jhebenstreit@dnr.state.in.us

MICHIGAN

Mr. G. Tracy Mehan III, Director
Office of the Great Lakes
Michigan DEQ
P.O. Box 30473
Lansing MI 48909-7973
Ph: (517)-335-4056
Fax: (517)-335-4053
mehang@state.mi.us

MINNESOTA

Mr. Kent Lokkesmoe, Director
Division of Waters
Minnesota DNR
500 Lafayette Rd.
St. Paul MN 55155
Ph: (651) 296-4810
Fax: (651) 296-0445
kent.lokkesmoe@dnr.state.mn.us

NEW YORK

Gerald Mikol, Director
Region 9
New York Dept. of Envir. Conservation
270 Michigan Ave.
Buffalo, NY 14203
Ph: (716) 851-7200
Fax: (716) 851-7211

Warren Lavery, Director
Bureau of Water Permits
New York DEC
50 Wolf Road
Albany, NY 12233-3505
518-457-0656
Fax: 518-485-7786
wtlavery@gw.dec.state.ny.us

OHIO

Mr. Richard S. Bartz
Assistant Chief
Division of Water
Ohio Dept. of Natural Resources
Building E-3, 1939 Fountain Sq.
Columbus, OH 43224
Ph: (614) 265-6730
Fax: (614) 447-9503
bartz@nrult1.dnr.oh.gov

PENNSYLVANIA

Kelvin A. Burch, Chief
Office of the Great Lakes
PA Dept. of Envir. Protection
230 Chestnut Street
Meadville, PA 16335
814-332-6816
Fax: 814-332-6125
burch.kelly@dep.state.pa.us

WISCONSIN

Mr. Charles R. Ledin, Chief
Water Resources Planning &
Policy Section
Bureau of Water Resources Mgmt.
101 S. Webster St.
Box 7921
Madison, WI 53707-7921
Ph: (608) 266-1956
FAX: 608-267-3579
ledinc@dnr.state.wi.us

ONTARIO

Leslie Demal, Director
Water Management Section
Ontario Ministry of Natural Resources
P.O. Box 7000
300 Water Street
Peterborough, ON K9J 8M5
705-755-1806
Fax: 705-755-1267
demall@gov.on.ca

QUEBEC

Mr. Andre Carpentier
Environnement et Faune Quebec
Direction de l'hydraulique
Edifice Marie-Guyart, aile Rene-
Levesque, 2 e etage
675, boulevard Rene-Levesque Est
Quebec, Quebec G1R 5V7
Ph: (418) 521-3825
Fax: (418) 643-6900

GREAT LAKES COMMISSION

Mr. Thomas Crane, Program Manager
Resource Mgmt & Environmental
Quality
Argus II Building
400 Fourth St.
Ann Arbor, MI 48103
Ph: (313) 665-9135
Fax: (313) 665-4370
tcrane@glc.org

COUNCIL OF GREAT LAKES GOVERNORS

Mr. Jeff Edstrom
Policy Analyst
Council of Great Lakes Governors
35 East Wacker Dr.
Suite 1850
Chicago, IL 60601
312-407-0177
312-407-0038
edstrom@cglg.org

TECHNICAL WORK GROUP OF THE
WATER RESOURCES MANAGEMENT COMMITTEE

January 29, 1999

ILLINOIS

Mr. Daniel Injerd, Chief
Lake Michigan Mgmt. Section
Office of Water Resources
Illinois Dept. of Natural Resources
310 S. Michigan Ave., Room 1606
Chicago, IL 60604
312-793-3123
Fax: 312-793-5968
dinjerd@dnrmail.state.il.us

Jim Casey, Civil Engineer
Office of Water Resources
Illinois Dept. of Natural Resources
310 S. Michigan Ave., Room 1606
Chicago, IL 60604
312-793-3123
Fax: 312-793-5968

INDIANA

Mr. Ralph Spaeth, Engineering Asst.
Indiana DNR, Div. of Water
402 W. Washington St., Room W264
Indianapolis, IN 46204
317-232-1116
Fax: 317-233-4579
rspaeth@dnr.state.in.us

MICHIGAN

Mr. Ron Van Til
Ground Water Supply Section
Drinking and Radiological Protection Div.
Michigan Department of Environmental
Quality
3423 N. Martin L. King Jr., Blvd.
P.O. Box 30630
Lansing, MI 48909-8130
517-335-9045
FAX: 517-335-9434

vantilr@state.mi.us

MINNESOTA

Sean Hunt, Hydrologist
Minnesota DNR, Div. of Waters
500 Lafayette Rd., 3rd Floor
St. Paul, MN 55146
612-297-2835
FAX: 612-296-0445
sean.hunt@dnr.state.mn.us

NEW YORK

Mr. Michael Holt
Environmental Engineer II
Bureau of Water Permits
NYS Dept. of Environment Conservation
50 Wolf Rd.
Albany, NY 12233
518-457-9514
Fax: 518-485-7786
mdholt@gw.dec.state.ny.us

OHIO

Mr. Leonard Black
Division of Water
Ohio DNR,
Building E-3, 1939 Fountain Square
Columbus, OH 43224
614-265-6758
Fax: 614-447-9503
leonard.black@dnr.state.oh.us

ONTARIO

Mr. Ian D. Cameron, P.E.
Ontario Ministry of Natural Resources
Water Mgmt. Section
P.O. Box 7000
300 Water Street
Peterborough, ON K9J 8M5
705-755-1215
Fax: 705-755-1267
cameroia@epo.gov.on.ca

PENNSYLVANIA

Mr. William Gast, Chief
Division of Water Planning
Bureau of Watershed Conservation
PA Dept. of Envir. Protection
Box 8555
Harrisburg, PA 17105-8555
717-772-4048
Fax: 717-787-9549
Gast.William@a1.dep.state.pa.us

Mr. Tom Denslinger, Chief
Resource Mgmt. Section
Bureau of Watershed Conservation
PA Dept. of Envir. Protection
Box 8555
Harrisburg, PA 17105-8555
717-772-4048
Fax: 717-772-9549
Denslinger.Thomas@a1.dep.state.pa.us

QUEBEC

(vacant)

WISCONSIN

Mr. Terry Lohr
Water Quality Specialist/GEF2
Bureau of Watershed Mgmt.
Wisc. Dept. of Natural Resources
P.O. Box 7921
Madison, WI 53707
608-267-2375
Fax: 608-267-2800
LOHRT@dnr.state.wi.us

U.S. GEOLOGICAL SURVEY

Ms. Deborah Lumia, Hydrologist
U.S.G.S.
425 Jordan Rd.
Troy, NY 12180
518-285-5600 (main)
518-285-5668 (direct)
Fax: 518-285-5601

Mr. Thomas Winterstein
Water Use Specialist, Minnesota District
U.S.G.S.
2280 Woodale Dr.
Mounds View, MN 55112
612-783-3150
Fax: 612-783-3103

Mr. David Holtschlag
U.S.G.S.
Suite 5
6520 Mercantile Way
Lansing, MI 48911
517-887-8910
Fax: 517-887-8937

GREAT LAKES COMMISSION

Mr. Thomas R. Crane, Program Manager
Resource Mgmt & Environmental Quality
Argus II Building
400 Fourth St.
Ann Arbor, MI 48103
313-665-9135
Fax: 313-665-4370

PREFACE

The Great Lakes Water Use Data Base Repository, housed at the Great Lakes Commission, provides a centralized source of information on withdrawals, diversions, and consumptive uses of water in the Great Lakes Basin in both United States and Canada. The Commission prepares an annual report, based upon the data submitted by the eight Great Lakes states and the two Canadian Great Lakes provinces.

This 1997 report utilizes 1993 water use information except in the case of Ontario and Michigan. Ontario's 1992 Water Use data is included in this report, since due to agency restructuring 1993, data is incomplete. Michigan's water use profile will rely upon 1987 base year data. The report is divided into three sections:

- An introduction, which provides background on the Water Use Database Repository, describes the role of state and provincial members of the Water Resources Management Committee, and presents issues associated with data reporting and analysis.
- A Great Lakes Basin Summary, which provides an overview of basin water use. After providing basin wide statistics, this section gives a detailed graphical representation of water use by jurisdiction.
- Two appendices comprised of printouts generated by the Water Use Database, the first of which presents the water use data in millions of gallons, the second of which presents the water use data in millions of liters.
- The Great Lakes Commission welcomes all inquiries concerning the Great Lakes Regional Water Use Data Base Repository. Please call 313-665-9135, or e-mail Tom Crane at tcrane@glc.org, for further information.

TABLE OF CONTENTS

| | |
|---|------------|
| <i>ACKNOWLEDGEMENTS</i> | <i>I</i> |
| <i>GREAT LAKES WATER RESOURCES MANAGEMENT COMMITTEE</i> | <i>II</i> |
| <i>TECHNICAL WORK GROUP</i> | <i>III</i> |
| <i>PREFACE</i> | <i>IV</i> |
| <i>TABLE OF CONTENTS</i> | <i>V</i> |
| <i>I. INTRODUCTION</i> | <i>1</i> |
| Background on the Great Lakes Regional Water Use Data Base Repository | 1 |
| Issues Regarding the Operation of the Data Base | 1 |
| State and Provincial Activities | 2 |
| Categories of Use for the Regional Water Use Database | 3 |
| Principal Facilities: Definition | 4 |
| Data Base Description | 5 |
| Data Base Definitions | 5 |
| <i>II. GREAT LAKES BASIN SUMMARY</i> | <i>7</i> |
| Overview | 7 |
| Hydroelectric Power Summary | 7 |
| Jurisdiction Report Analysis | 1 |
| Illinois | 2 |
| Indiana | 3 |
| Michigan | 4 |
| Minnesota | 5 |
| New York | 6 |
| Ohio | 7 |
| Ontario | 8 |
| Pennsylvania | 10 |
| Quebec | 11 |
| Wisconsin | 12 |
| <i>III. APPENDIXES</i> | <i>1</i> |
| APPENDIX A | i |
| APPENDIX B | ii |

I. INTRODUCTION

Background on the Great Lakes Regional Water Use Data Base Repository

Extensive background information on the establishment of the Regional Water Use Data Base Repository appears in the February 1989 report of the Water Resources Management Committee to the Great Lakes Governors and Premiers. Copies are available upon request from the Great Lakes Commission.

The Regional Water Use Data Base has been operational since the summer of 1988, following a multi-year cooperative effort in the design and development of the data base system. This included input from and involvement of many state, provincial, and federal agencies. The U.S. Geological Survey provided much of the leadership on this effort. Also, in the fall of 1987, the Great Lakes Commission contracted with Acres International Ltd. of Niagara Falls, Ontario to develop, document, and install the data base systems and to provide state, provincial, and Commission staff training.

The operation and use of this data base system represents one of several ongoing activities on behalf of the Great Lakes states and provinces to fulfill obligations of the Great Lakes Charter, signed in 1985 by the Great Lakes governors and premiers. Continued state and provincial interest in refining and expanding the data base is necessary to ensure that the data base can support other ongoing Charter initiatives, such as the development of a Basin Water Resources Management Plan, demand forecasting techniques, and regional water conservation programs.

Issues Regarding the Operation of the Data Base

The single largest challenge in addressing the various issues and problems encountered in the preparation of the first six annual reports, and this report for 1993 data, continues to be each jurisdiction's ability to provide complete water use data that coincides with the calendar year that the annual report represents.

The following are jurisdiction-specific issues and problems that will require priority attention by the Technical Work Group of the Water Resources Management Committee for upcoming 1994 reporting.

- The formal water use data collecting and reporting program has not yet been formally established in Michigan, despite legislation passed in December 1990 designed to strengthen the state's water management efforts through a mandatory reporting program. Michigan was unable to submit complete water use data for the first six reports, or for this current 1993 report. The summary data presented for the Michigan Great Lakes Basin is again the same data presented for the first 5 reports, and the 1992 report. The base year of this data is 1985, and this data represents only five categories of water use: (1) public water supply, (4) irrigation, (6) industrial, (7) thermoelectric— fossil fuels, and (8) thermoelectric— nuclear plants. Complete data were only provided for the last two categories. According to the Michigan Department of Natural Resources, fossil fuels and nuclear plants represent about 75% of the total water withdrawals from the Michigan Great Lakes Basin.

Also, the withdrawal and consumptive use data provided for public water supply, irrigation, and industrial uses, presently cannot be reported by individual sub-basin or water withdrawal type.

Incorporation of jurisdiction-wide summary data represents a considerable problem for the Repository when data submittals do not comply with the parameters of the data base. Statewide totals that cannot be "broken down" by sub-basin or withdrawal type must be inserted into the summary tables by the Repository prior to printing. Since these total figures cannot be entered into the data base program, automatic generation of multiple tables or summary reports with different units of measurement is not possible. Due to the incomplete nature of the data stored, the Repository is prevented from mailing diskette copies of the yearly data to jurisdiction for their own use.

- Pennsylvania indicates that its data collection and reporting operations are constrained by the number of personnel available. Data is not collected annually from all water users and added to the Commonwealth's computerized database.

As a result, some of the data submitted for the 1993 report on 1992 water uses were drawn from earlier reports. Public water suppliers complete and submit an annual water supply report. Prior to 1993, only half of the reports statewide, were entered into the database system each year. Beginning with 1993, report data for the approximately 40 public water supply systems in the Lake Erie and Lake Ontario Basins will be updated annually.

Approximately 19,000 industrial users are surveyed statewide on a four-year cycle, which updates approximately one-third of the manufacturing industry data in each of three years, and the mineral industry data in the fourth year. Other water users are surveyed and added to the system, but not on an annual basis. Beginning with the 1996 report year, approximately 150 non-public water supply users in the database will be surveyed annually. Every fourth year, any new industrial users will be added to the database as a result of a new comprehensive industrial survey.

| | |
|---------------------|------------|
| Manufacturing | 126 |
| Irrigators | 19 |
| Mineral | 11 |
| Public Water Supply | 40 |
| TOTAL | 196 |

State and Provincial Activities

In October 1988, the Water Resources Management Committee asked the Great Lakes Commission to convene a Technical Work Group to begin developing uniform estimation procedures for water withdrawal and consumptive use information, and to address a series of regional priority issues regarding the operation of the Regional Water Use Data Base. These issues were identified in the February 1989 Report of the Water Resources Management Committee to the Great Lakes Governors and Premiers; this report included the First Annual Report of the Regional Water Use Data Base.

The Technical Work Group met via telephone conference call on numerous occasions from late 1988 through 1989 to begin addressing the above mentioned issues. The group has met annually since 1990 in order to continue its work and to discuss problem areas related to state and provincial data submittals, as well as the overall operation of the database. Work Group participants represent various state, provincial, and federal agencies are listed at the beginning of this report.

The Work Group concentrated its early efforts on ensuring that each jurisdiction will be able to report the most complete, uniform data possible to the Repository. To do this, the Work Group focused its attention on refining and expanding the definitions of the nine active categories of use in the Regional Water Use Data Base. Expansion of the category of use definitions has been recommended.

A starting point for discussion was provided by review of the December 1986 U.S. Geological Survey report, *Water Use Collection Programs and Regional Data Base in the Great Lakes - St. Lawrence River States and Provinces* (Open File Report 86-546), and the February 1987 Water Resources Management Committee Report, *Managing the Waters of the Great Lakes Basin*.

The following list of ten categories reflects original definitions from the *Managing the Waters of the Great Lakes Basin* report, and incorporates the Technical Work Group's revisions. The descriptions appearing in normal type represent original definitions. Italics highlight the expansions that were arrived at through extended discussion.

Categories of Use for the Regional Water Use Database

1. **Public Water Supply:** Water withdrawn for all uses by public and private water suppliers and delivered to users that do not supply their own water. (Water suppliers provide water for a variety of uses such as residential, commercial, industrial, and public water use.)
2. **Reserved for Future Use:** (Represents unused capacity on the database system.)
3. **Self-Supply - Domestic** (residential, commercial, institutional): Water used for normal household purposes. Also referred to as residential water use, this category includes water used for drinking, food preparation, bathing, washing clothes and dishes, flushing toilets, and watering lawns. *Commercial uses include water used by motels, hotels, restaurants, office buildings and institutions, both civilian and military. This category also includes water for mobile homes, hospitals, schools, fire fighting, air conditioning and other similar uses not covered under public supply. In addition, this category includes amusement and recreational water uses such as snow making and water slides. The coefficients for domestic per capita water use is 75 gallons a day (U.S.) unless otherwise indicated by the reporting state or province.*
4. **Self-Supply - Irrigation:** Water artificially applied on lands to assist in the growing of crops and pastures or in the maintenance of recreational lands, such as parks and golf courses.
5. **Self-Supply - Livestock:** *Water used by horses, cattle, sheep, goats, hogs, poultry, and other commercially important animals. Water used in fish hatchery operation is also included under this category.*
6. **Self-Supply - Industrial** (manufacturing and mining): Industrial water includes water used in the manufacture of metals, chemicals, paper, and allied products. Mining water use includes

water used in the extraction or washing of minerals; for example solids, such as coal and ores, and liquids such as crude petroleum and natural gas. Water used in quarrying and milling is also included in the industrial category. *Brine extraction from oil and gas operations is not included. Withdrawals and consumptive uses for industrial and mining purposes (including dewatering operations) recorded under another category (e.g., public supply) will not be recorded here. Water uses in a closed cycle (recirculation) will not be reported as a withdrawal. Other situations should be evaluated on a case-by-case basis.*

7. **Self-Supply – Thermoelectric Power (fossil fuel plants):** Water used by plants fueled by fossil fuels such as coal, oil or natural gas. *Withdrawals and consumptive uses already recorded under another category (e.g., public supply) will not be reported here.*
8. **Self-Supply – Thermoelectric Power (nuclear plants):** *Water used by plants fueled by nuclear generation. Withdrawals and consumptive uses already recorded under another category (e.g., public supply) will not be reported here.*
9. **Self-Supply – Hydroelectric Power:** Water used to drive turbines that generate electric power. This category includes both “instream use” where water is used on a once-through basis and “offstream use” where water is recycled through pumped-storage systems. Neither use is considered a consumptive use.
10. **Other –** Water used for purposes not reported in categories one through nine. Examples include, but are not limited to, withdrawals for fish/wildlife, environmental, recreation, navigation, and water quality purposes. Specifically, water used to maintain levels for navigation, for recreation, for fish and wildlife habitat creation and enhancement (excluding fish hatchery operations included under Category 5), for flow augmentation (or diversion), for sanitation, pollution confinement, and other water quality purposes and agricultural activities (services) other than those directly related to irrigation such as field drainage are included. Water used in temporary or immediate emergency situations (e.g., fighting forest or peat fires) is also reported here.

Principal Facilities: Definition

The question has been raised by the Technical Work Group as to whether principal facilities should be defined by single source withdrawals (i.e., Great Lakes surface water) in excess of the Charter trigger level of 100,000 U.S. gallons per day, or 380,000 litres per day, over a 30-day period, or whether total withdrawal (all sources combined) should determine a principal facility.

The following represents a revised definition of a principal facility as developed by the Technical Work Group:

Principal Facilities – *Facilities withdrawing (or consuming) in excess of the Great Lakes Charter uniform trigger level of 100,000 U.S. gallons/day (380,000 liters/day) average over a 30-day period. A principal facility is determined by the total withdrawal (or consumption) of all sources combined (Great Lakes surface water, other surface water, and groundwater) rather than a single source. The combined withdrawals (or consumption) of separate wells or operations undertaken by the same facility or company will be evaluated separately for the purpose of determining principal facility status unless those operations are covered under the same registration (or permit) or are physically contiguous.*

In 1991, the Great Lakes Commission was asked to undertake an analysis of reported consumption based on data submitted to the Repository versus the anticipated consumption derived from the use of uniform estimation procedures developed by the Technical Work Group in 1988-89. The consumptive use coefficients for the nine categories of use are represented in Table 3. Numerical comparison of reported consumption versus anticipated estimated consumption for each jurisdiction and category of use is shown in Table 4.

Data Base Description

The Great Lakes Regional Water Use Data Base has been established for use on IBM PC-compatible microcomputers in conjunction with the dBase III Plus commercial data base software package. The data base is housed at the offices of the Great Lakes Commission in Ann Arbor, Michigan. Routine data base operations are controlled by a customized program prepared using dBase III Plus capabilities. This program includes standard data entry, retrieval and report generation options.

The Data Base serves as a common repository of data and information on water use in the Great Lakes Basin as described in the Great Lakes Charter. The Data Base catalogs the set of annual data on withdrawals and consumptive uses of Great Lakes water by water use category, sub-basin, and jurisdiction, as specified by the Water Resources Management Committee.

The 1993 water use data presented in this report were submitted to the Regional Water Use Data Base Repository by the Great Lakes states and provinces in the latter half of 1996. Data submitted to the Repository are submitted in two different unit measures: millions of U.S. gallons per day (mgd) or millions of litres per day (mld). Each jurisdiction is required to select one of these measurements on a consistent basis for all data submissions. The Data Base records corresponding to the jurisdictions are maintained in the selected units.

All values in the Data Base are initially set to zero. Numeric values are required for all active categories of use. A zero value implies either zero water use or water use not meeting the Charter trigger level of 100,000 gallons per day (380,000 litres per day) average over a 30-day period. All non-zero values in the summary tables are positive except for incoming diversion values which are negative.

There are two measures of the quality of data provided for each data entry: Level of accuracy and level of aggregation. The level of accuracy indicates whether withdrawals are measured or estimated. The level of aggregation provides an indication as to whether the withdrawal data originate from site-specific sources or from higher level aggregate sources such as county or census data bases.

Data Base Definitions

Each water use category includes three withdrawal/discharge types:

1. **Great Lakes Surface Water (GLSW)** – defined as water from the Great Lakes, their connecting channels (the St. Clair River, the Detroit River, the Niagara River and the St. Mary's River), and the St. Lawrence River.
2. **Other Surface Water (OSW)** – defined as tributary streams, lakes, ponds, and reservoirs within the Great Lakes Basin.
3. **Groundwater (GW)** – defined as all subsurface water distinct from surface water.

The following list includes other important definitions pertaining to the use of the Great Lakes Regional Water Use Data Base summary tables:

- **Withdrawal Amount** – The amount of water removed or taken from surface or groundwater.
- **Intrabasin Diversion** – The amount of water transferred from the watershed of one of the Great Lakes into that of another.
- **Interbasin Diversion** – The amount of water transferred from the Great Lakes Basin into another watershed.
- **Consumptive Use** – That portion of water withdrawn or withheld from the Great Lakes and assumed to be lost or otherwise not returned to the Great Lakes due to evaporation, incorporation into products, or other processes.

II. GREAT LAKES BASIN SUMMARY

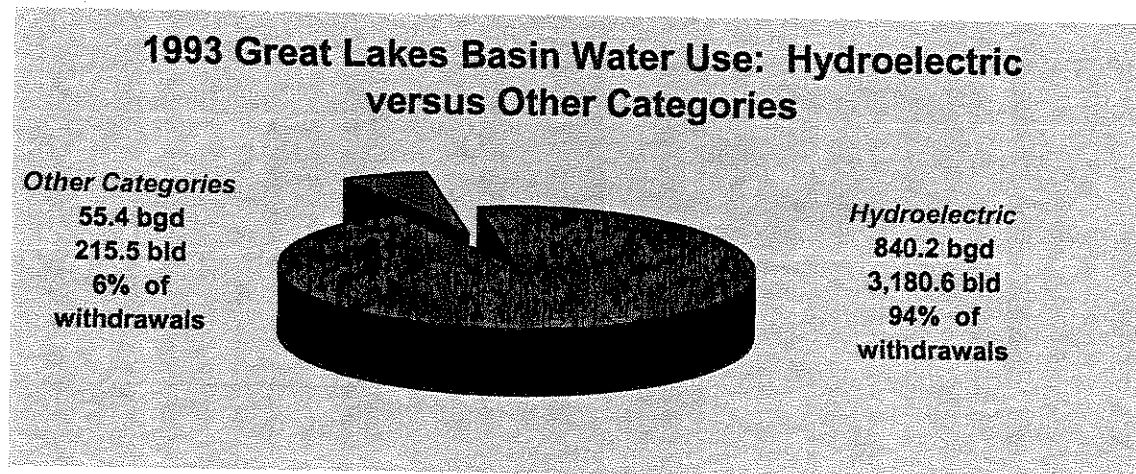
Overview

The following tables and figures represent 1993 Great Lakes water use data submitted to the Regional Water Use Data Base Repository from the ten Great Lakes jurisdictions for the nine active categories of use. In total, water withdrawals in the Great Lakes Basin for 1993 were 895.6 billion gallons per day (bgd), or 3,396.1 billion litres per day (bld). Of this total, 77% was used directly from the Great Lakes, their connecting channels, or the St. Lawrence River.

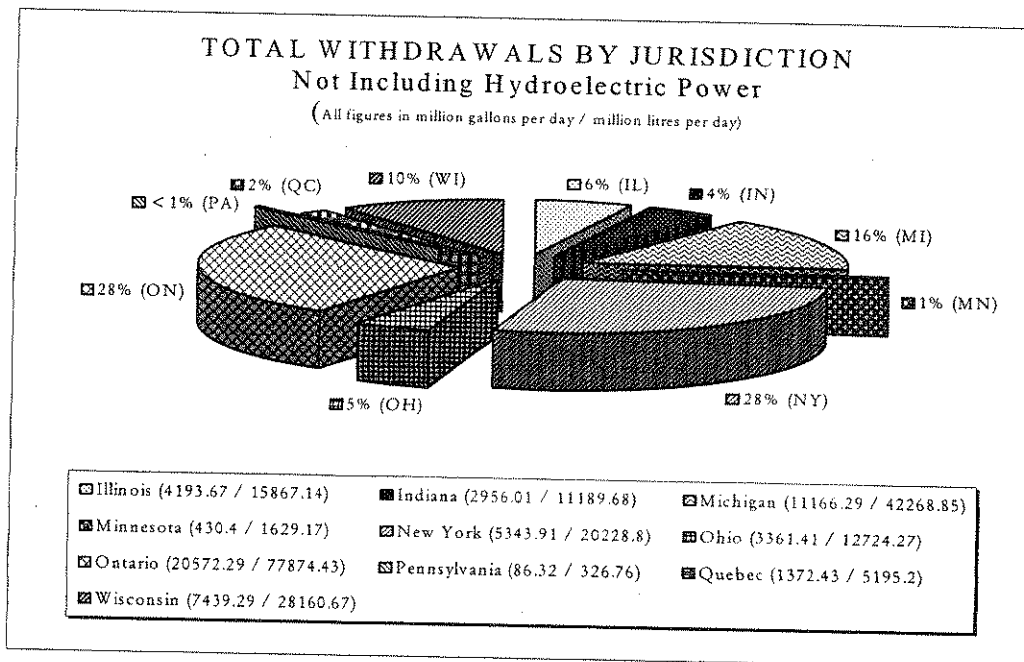
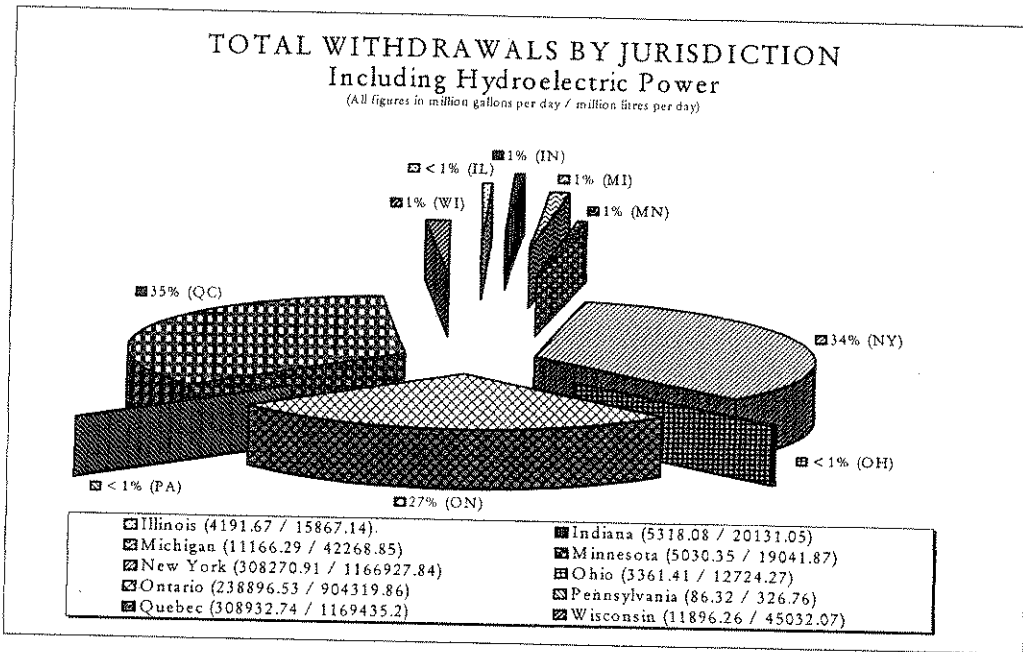
For purposes of this report, it is important to note the term "withdrawal" is used broadly and encompasses hydroelectric water use, more typically defined as "instream use." Instream use as defined by the U.S. Geological Survey is water that is used but not withdrawn from a ground or surface source for such purposes as hydroelectric power generation, navigation, water quality improvement, fish propagation, and recreation. In the Great Lakes Basin (and in the U.S. and Canada as a whole), fresh surface water provides nearly all of the water for hydroelectric power and virtually all of the water is returned to Great Lakes Basin rivers and streams (U.S.G.S., Estimated Use of Water in the U.S. in 1985, circular 1004).

Hydroelectric Power Summary

Self-supply - hydroelectric, as noted in all previous Annual Reports of the Repository, continues to be the largest single category of use and represents 94 percent of the total amount of water used per day. For this report, it is important to note the definitions of water withdrawal and water use. Withdrawal is water removed from the ground or diverted from a surface water source for use. Water Use is the combination of self-supplied withdrawals plus public supply deliveries. It refers to water that is actually used for a specific purpose such as for domestic use, irrigation or industrial processing (U.S.G.S. National Water Information Program, 1992).



Each of the ten jurisdiction's water uses are represented in the following charts. The first chart shows the overall water use of all nine reported categories. However, the second chart more accurately reflects the true water use within the basin, as it excludes hydroelectric uses. Water withdrawals from the eight categories remaining totaled 59.05 billion gallons per day, or 223.50 billion litres per day. Given the basin's current population of approximately 33,191,000, roughly 1,779 gallons per day for every person in the basin were withdrawn.



The following chart summarizes the different categories of water use for all ten Great Lakes Jurisdictions, aggregating data to give Basin-level figures.

Consumptive Use Coefficients

| Water Use Category | Illinois | Indiana | Michigan | Minnesota | New York | Ohio | Ontario | Pennsylvania | Quebec | Wisconsin | USGS (NY District) |
|------------------------------|---|---------|---|---|---|--|--|---|--|---------------------------------|--------------------------|
| Public Supply | Range for all states and provinces is 10-15% | | | | | | | | | | |
| Domestic | Range for all states and provinces is 10-15% | | | | | | | | | | |
| Irrigation* | 90% | 90% | 90% | 90% | 90% | 90% | 78% | 90% | 90% | 70% | 100% |
| Livestock | Coefficient for all states and provinces is 80% | | | | | | | | | | |
| Industrial | For both mfg. & mining varies by plant and SIC code | 6% | 10% | For both mfg. & mining varies by plant and SIC code | 10% for mfg. and mining, except salt mines at 90% | 10% | 6.3% calculated from reported water losses by individual plant | For both mfg. & mining varies by plant and SIC code | 10% for pulp and paper industry | 10.20% for both mfg. and mining | 10% |
| Thermoelectric (Fossil Fuel) | Varies by individual plant; est. using makeup water for each system. | 2% | 1% for plants using once-through cooling; plant by plant analysis for wet cooling towers. | Measured; varies by individual plant. | | Negligible; estimates based on indiv. plant reports of withdrawals, return flows. | 0.9% based on reports of increased local lake evaporation due to discharge of heated water to lakes. | Varies with individual plants. | 10%; estimates obtained from USGS report | 0.5% - 1% | 10% |
| Thermoelectric (Nuclear) | Varies by individual plant; est. using makeup water for each system. | 2% | | Measured; varies by individual plant. | | 14%; based on reports of increased local lake evaporation due to discharge of heated water to lakes. | 0.9% based on reports of increased local lake evaporation due to discharge of heated water to lakes. | Varies with individual plants. | 10%; estimates obtained from USGS report | 0.5% - 1% | 10% |
| Hydroelectric | Coefficient for all states and provinces is 0% | | | | | | | | | | |
| Other | Varies among states and provinces; based on individual evaluations and best information available | | | | | | | | | | |

* Coefficient for states and provinces without studies supporting other figures is 90%.

Reported consumptive uses of Great Lakes water for 1993 were approximately 2.64 bgd (9.99 bld) as compared to 3.11 bgd or 11.76 bld in 1992. The following table compares the reported consumption within each water use category with the anticipated estimated consumption (both the low and high ends of the estimated range) using the consumptive use coefficients developed by the Technical Work Group.

REPORTED VERSUS ESTIMATED WATER CONSUMPTION IN THE GREAT LAKES JURISDICTIONS
(All values in million gallons per day, or mgd)

| Water Use Category | Illinois | | Indiana | | Michigan | | Minnesota | | New York | | Ohio | | Ontario | | Pennsylvania | | Quebec | | Wisconsin | | |
|---------------------|-------------|---------------------------|---------------|------------------------|---------------|------------------------|--------------|---------------------------|------------|------------------------|---------------|------------------------|---------|-----|------------------------|---------------------------|------------------------|----------------------|------------------------|----------------------|------------------------|
| | Rep | Est | Rep | Est | Rep | Est | Rep | Est | Rep | Est | Rep | Est | Rep | Est | Rep | Est | Rep | Est | Rep | Est | |
| Public Supply | 0 | 114-171 | 27.23 | 14.25-21.37 | 123 | 122.4-183.6 | 9.06 | 4.31-6.47 | 59.8 | 59.8-89.7 | 39.98 | 59.9-89.9 | | | 4.44 | 4.43-6.65 | 109.9 | 110-165 | 52.52 | 35-52.5 | |
| Domestic | 0 | 1.8-2.7 | 7.73 | 5.15-7.73 | nr | na | 0.33 | 0.4-0.61 | 45.8 | 45.6-68.4 | 8.96 | 5.97-8.95 | | | 0.21 | 0.2-0.3 | 7.13 | 7.15-10.74 | 4.62 | 3.1-4.7 | |
| Irrigation | 0 | 0 | 18.54 | 18.54 | 225 | 213.3 | 0.21 | 0.2 | 9.5 | 9.6 | 9.97 | 9.98 | | | 0.32 | 0.31 | 8.3 | 8.3 | 376.25 | 376.25 | |
| Livestock | 0 | 0 | 7.4 | 7.39 | nr | na | 0 | 0.19 | 6.8 | 9.72 | 10.5 | 10.5 | | | 0 | 0 | 15.28 | 15.28 | 0.53 | 0.53 | |
| Industrial | 2.06 | Varies by plant, SIC code | 99.62 | 99.62 | 132 | 131.8 | 35.1 | Varies by plant, SIC code | 35.1 | 35.1 | 20.52 | 20.52 | | | 8.04 | Varies by plant, SIC code | 12.55 | 12.5 | 48.13 | 32.8 | |
| Thermo-fossil fuels | 0 | Varies by plant | 20.66 | 20.65 | 80.94 | 62.3 | 2.93 | Varies by plant | 9 | na | 0.08 | Varies by plant | | | 0 | Varies by plant | 4.7 | 4.7 | 12.32 | 6.3-12.5 | |
| Thermo-nuclear | 0 | Varies by plant | 0 | 0 | na | 0 | 0 | Varies by plant | 9 | na | 20.15 | 16.59 | | | 0 | 0 | 0 | 0 | 49.44 | 24.7-49.4 | |
| Hydroelectric | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Other | 0 | Varies by jurisdiction | 0.03 | Varies by jurisdiction | 0 | Varies by jurisdiction | 0 | Varies by jurisdiction | 0 | Varies by jurisdiction | 0 | Varies by jurisdiction | | | Varies by jurisdiction | 0 | Varies by jurisdiction | 0 | Varies by jurisdiction | 0 | Varies by jurisdiction |
| TOTAL | 2.06 | 115.8-173.7 | 181.21 | 165.6-175.3 | 589.04 | 557.9-619.1 | 62.53 | 5.1-7.5 | 169 | 159.8-212.5 | 160.16 | 123.5-156.5 | | | 13.01 | 4.94-7.26 | 157.86 | 157.93-216.52 | 543.81 | 445.88-528.68 | |

Jurisdiction Report Analysis

The following summaries of individual state and provincial water uses for 1993 include:

- data on overall water use;
- total water use compared to 1992 figures;
- consumptive use, comparing 1993 to 1992;
- diversions, comparing 1993 to 1992;
- basin specific data for states with more than one Great Lake shoreline.

Questions on individual data collection and reporting programs for specific categories of use should be directed to the appropriate jurisdiction; contact information is provided at the end of this report. The appendices present sub-basin reports and individual water use category reports in summary tabular form, in gallons and liters.

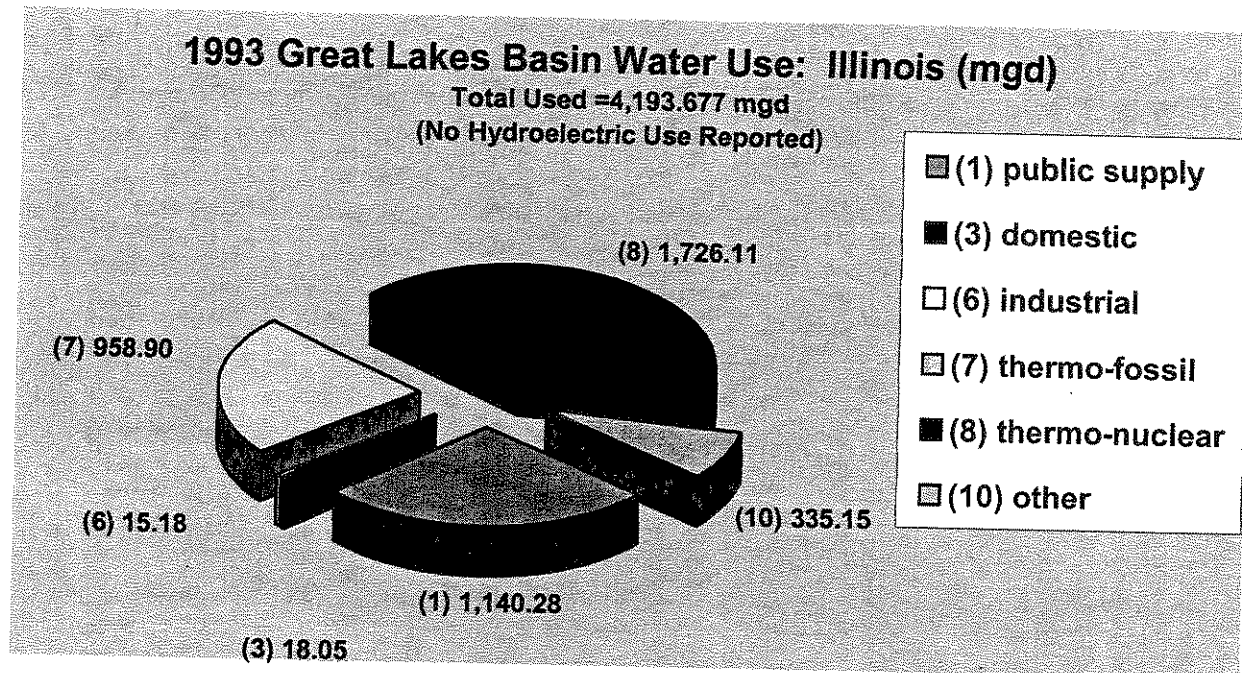
Abbreviations

mgd = million gallons per day
mld = million litres per day
bgd = billion gallons per day
bld = billion litres per day
tgd = trillion gallons per day
tld = trillion litres per day

Illinois

Data Source: Water use data for Illinois are provided by the Department of Natural Resources Office of Water Resources, and the State Water Survey.

Total withdrawals: Water used from Lake Michigan in 1993 totaled 4.19 billion gallons per day. These withdrawals show an increase from 1992 figures, which totaled 3.89 bgd.



Consumptive Uses: Water not returned to the Lake Michigan basin totaled 2.05 mgd, all lost through industrial uses. As in 1992, there was no reported consumption in 1993 public supply or in domestic uses, although consumptive use coefficients estimate between 114 mgd-171 mgd consumed for public supply, and 1.8 mgd-2.7 mgd consumed for domestic uses.

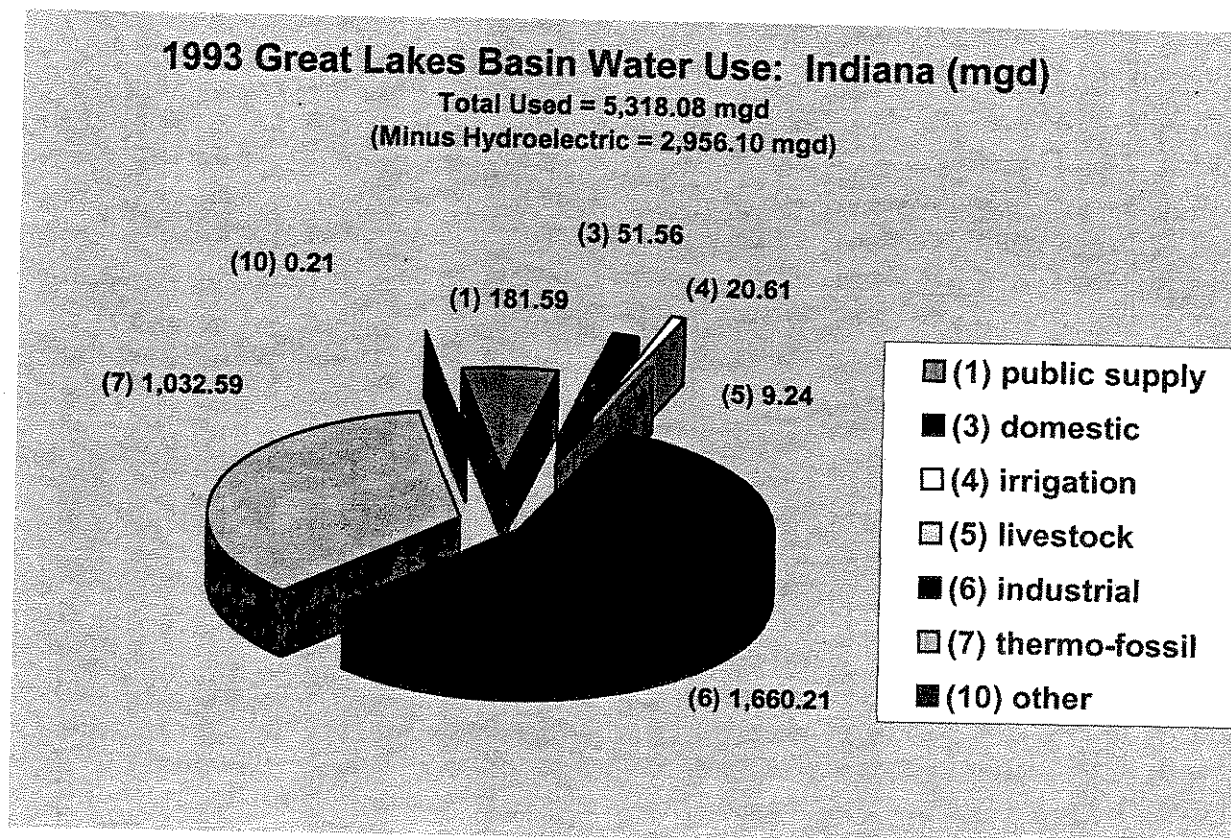
Diversions: Total diversions from the Lake Michigan basin in 1993 were 1481.79 mgd, very similar to 1992 figures of 1,465.39 mgd. As in 1992, nearly 80% of these diversions were for public supply. All diversions for Illinois are outgoing interbasin diversions—water transferred from the Great Lakes Basin into another watershed.

The withdrawal data submitted by the Illinois DNR to the repository were 100 percent measured and 100 percent site-specific.

Indiana

Data Source: The Indiana Department of Natural Resources—Division of Water provided the 1993 data to the Regional Water Use Database for the Lake Erie and Lake Michigan basins.

Withdrawals: In 1993 total withdrawals were just under 5.32 bgd, exceeding 1992 figures by 0.62 bgd. Again, more than 95% of consumption was from Lake Michigan withdrawals; industrial and hydroelectric were the primary uses. The primary use of Lake Erie withdrawals is public supply, which accounts for more than 65 percent of withdrawals in this basin.



Consumptive Use: The total consumptive use of water in Indiana's portion of the Great Lakes Basin was 181.21 mgd, up slightly from 1992 figures of 170 mgd. Industrial uses consume the most water in the Lake Michigan basin (98.99 mgd), and in the Lake Erie basin public supply consumes just over 50 percent of all consumption in that basin (5.86 mgd of a total 10.05 mgd).

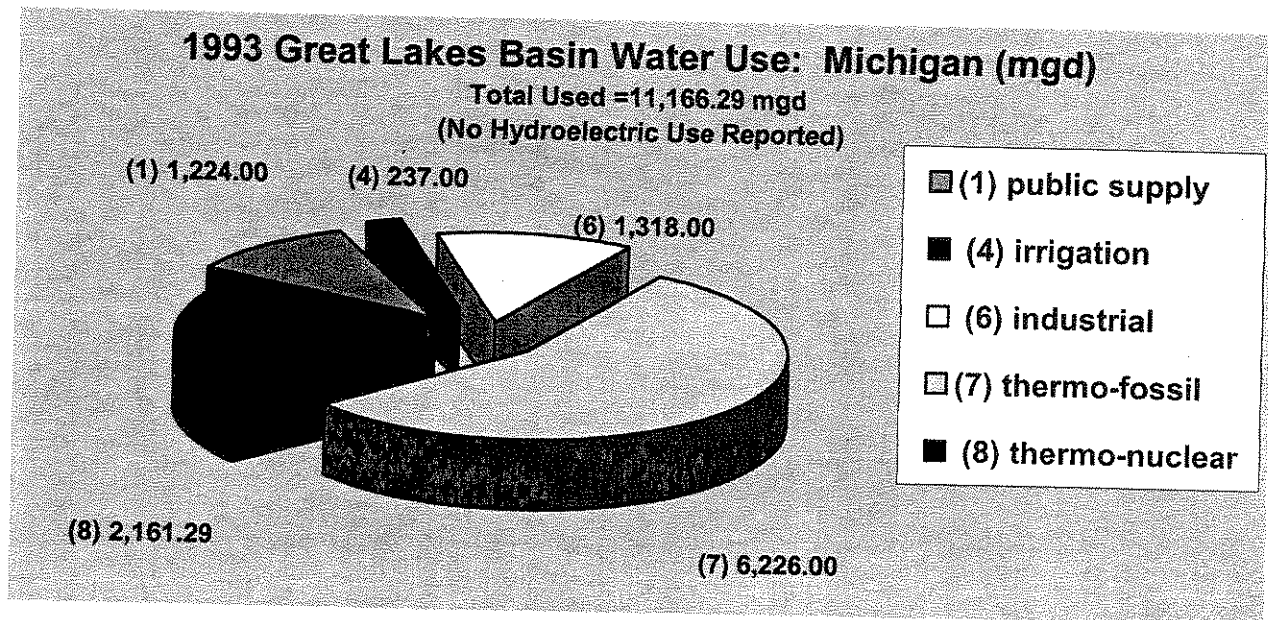
Diversions: NA.

Indiana data for 1993 were 3% measured, 51% partially measured, and 46% calculated or estimated. The level of aggregation was 99% site-specific and 1% aggregated.

Michigan

Data Source: Water use data has been unavailable except for base year 1987 data collected by the Michigan Department of Natural Resources and Public Health, and the US Geological Survey. These data reflect only five categories: public supply, irrigation, industrial, thermoelectric— fossil fuels, and thermoelectric— nuclear. These five categories are estimated by Michigan DNR to represent 98% of Michigan's water use.

Withdrawals: In base year 1987, reported water withdrawals for the Lake Superior, Lake Michigan, Lake Huron, and Lake Erie Basins of Michigan were approximately 11.2 bgd. Withdrawals from the Lake Erie basin accounted for about 38% of total withdrawals. Thermoelectric uses for fossil fuel plants was the single largest use, responsible for 56% of the total use.



Consumptive Use: Consumptive uses in the Michigan Great Lakes Basin were approximately 589 mgd; irrigation accounted for more than 38% of consumption. The total consumption falls within the estimated range of 557.9 mgd and 619.1 mgd.

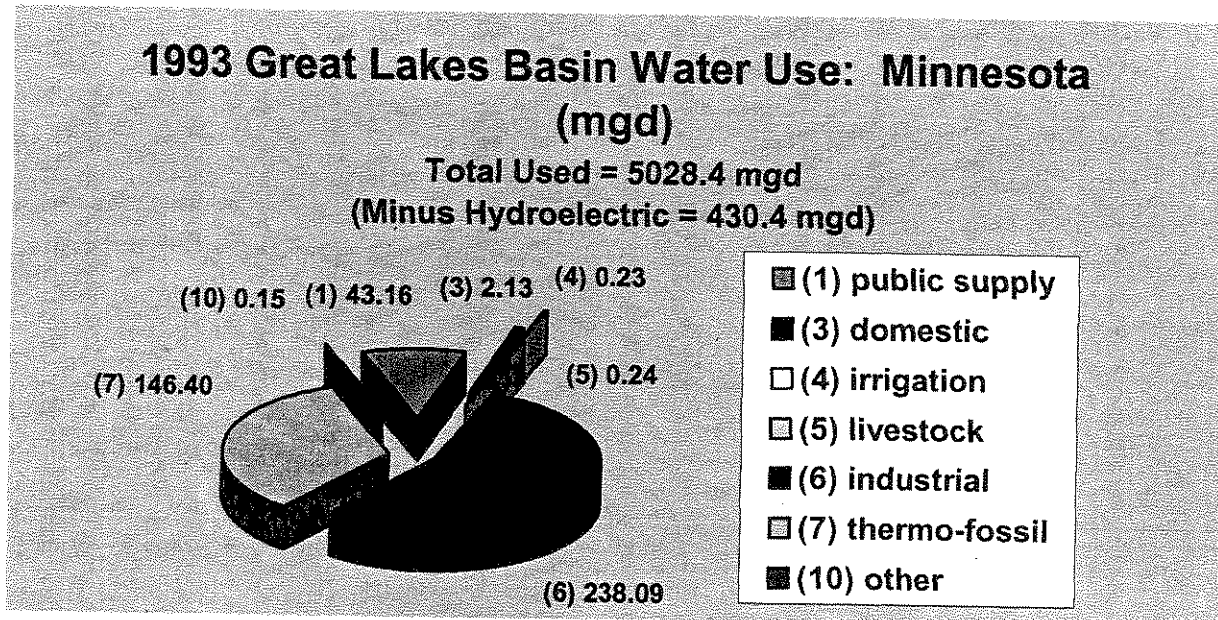
Diversions: There are no reported inter- or intrabasin diversions in the Michigan Great Lakes Basin that meet the Charter trigger level of 100,000 gallons per day (380,000 litres per day) average over a 30 day period.

Michigan data of base year 1987 is 11% measured, 87% partially measured, 2% estimated, and 98% site-specific.

Minnesota

Data Source: The Division of Waters in the Minnesota Department of Natural Resources provides the data on the Lake Superior Basin to the Regional Water Use Database.

Withdrawals: Withdrawals from the Lake Superior Basin in 1993 were 5.03 bgd, roughly the same as 5.02 bgd in 1992. Hydroelectric water use accounts for 91% of Minnesota's total water use. In the remainder, industrial uses account for more than half of the water used.



Consumptive Use: Except in hydroelectric, consumptive use was reported in all categories. Industrial consumptions was 50 mgd, or about 21% of industrial withdrawal. Public supply also consumed 20% of withdrawals, at 9.06 mgd.

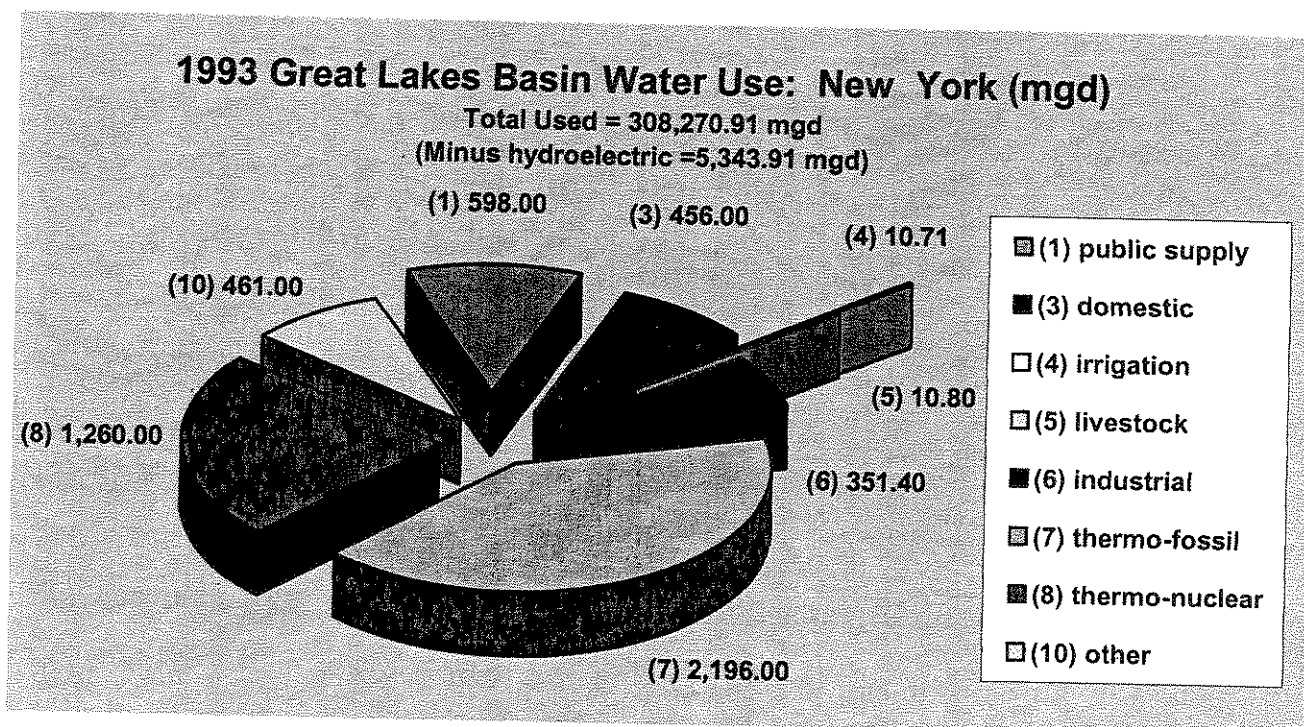
Diversions: NA

Minnesota water use data were 9% measured, 91% calculated or estimated. The level of aggregation was 9% site-specific, and 91% aggregated.

New York

Data Source: Water use data collection in New York is performed by the Departments of Environmental Conservation and Health, and the U.S. Geological Survey.

Withdrawals: In 1993, withdrawals from the Great Lakes totaled 308.2 bgd, an increase from 294.6 bgd in 1992. Excluding hydroelectric withdrawals, the total was 5.34 mgd compared to 52.30 mgd in 1992. Withdrawals from Lake Ontario accounted for more than 50 percent of total New York withdrawals (156.17 bgd); withdrawals from the St. Lawrence River account for most of the remainder (150.75 bgd) and only 1.34 bgd were withdrawn from Lake Erie. Withdrawals for hydroelectric power supply were by far the largest water use by New York state in all three basins, at 302.9 bgd, up from 289.4 bgd in 1992.



Consumptive Use: New York reported total consumptive uses of 169 mgd, identical to 1992 figures. Consumption was 37.72 mgd from Lake Erie, 99 mgd from Lake Ontario, and 32.28 mgd from the Saint Lawrence River. Consumption was reported in all categories except hydroelectric and other. The greatest consumption categories were public supply (59.80 mgd) and domestic use (45.80 mgd).

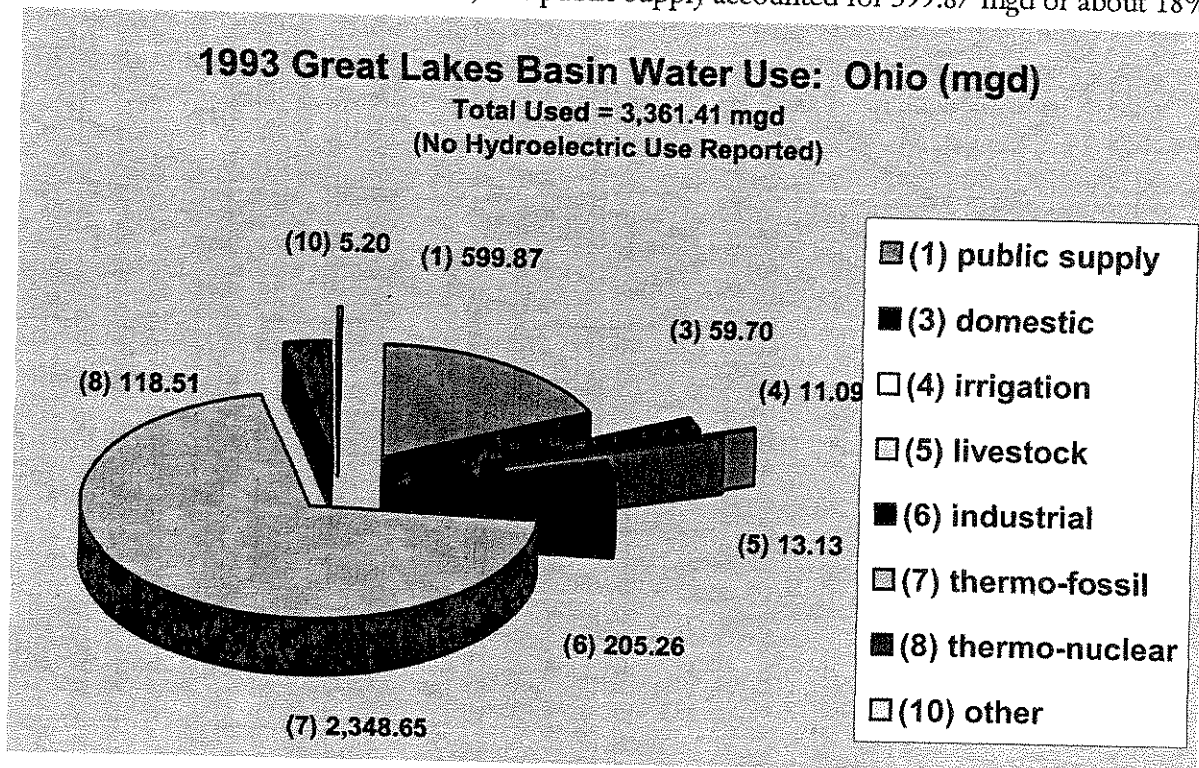
Diversions: There is a single intrabasin diversion in New York which meets the Charter trigger level of 100,000 gallons (380,000 litres) per day average over a 30-day period. This diversion occurs in the Lake Ontario basin. The 1992 diversion was 337 mgd; the 1993 diversion was 329 mgd.

For New York, the data reported were 2% measured, 61% partially measured, and 37% calculated or estimated. The level of aggregation was 100% site-specific.

Ohio

Data Source: Water use data for Ohio is collected by the Ohio Department of Natural Resources-Division of Water, the Ohio Environmental Protection Agency, and the U.S. Geological Survey.

Withdrawals: Total withdrawals from the Ohio Lake Erie Basin for 1993 were just over 3.36 bgd, a slightly reduced amount from 1992 when 3.43 bgd were withdrawn. As in 1992, fossil fuel plants and public supply were the two primary withdrawal sectors; thermoelectric/fossil fuels accounted for 2,348 mgd or 70% of withdrawals, and public supply accounted for 599.87 mgd or about 18%.



Consumptive Use: 160.16 mgd were consumed from the Ohio Lake Erie Basin. Public supply was the primary water consuming use at 89.98 mgd, accounting for more than 50% of consumption. Nuclear plants and industrial facilities consumed approximately 20 mgd each.

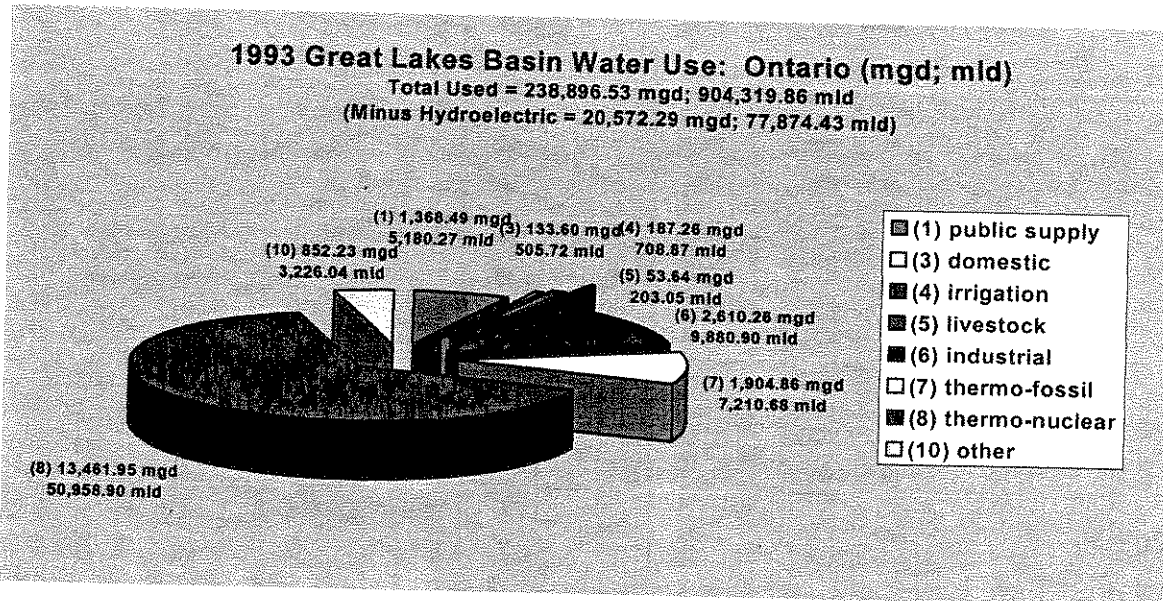
Diversions: Diversions by public water suppliers out of Lake Erie total 0.22 mgd; diversions into the Lake Erie Basin total 12.60 mgd.

The 1993 water use data for Ohio were 100% partially measured, and the level of aggregation was 100% site-specific.

Ontario

Data Source: Water use data collection activities are undertaken by the Ontario Ministry of the Environment and Environment Canada. The 1992 water use data for the Ontario Great Lakes Basin, which includes Lakes Superior, Huron, Erie, Ontario, and the St. Lawrence River, were provided by the Ontario Ministry of Natural Resources— Lands and Waters Policy Branch.

Withdrawals: Total withdrawals for Ontario were approximately 904.2 bld, or 238.9 bgd. Of this, hydroelectric uses represented more than 91 percent of the total (826.4 bld, or 218.3 bgd). Of the remainder, thermoelectric— nuclear plant withdrawals was the second largest use, at 5% (50.9 bld, or 13.5 bgd).



Consumptive Use: Ontario reported consumption in eight of nine categories. Out of these, industrial and hydroelectric consumption were estimated amounts. The reported industrial consumption was 988 mld (261.03 mgd). Ontario also reported a consumptive use of 2.14 mld (.57 mgd) from the hydroelectric category. Ontario's reported consumption of 2.88 bld (760.56 mgd) is greater than the estimated range of 2.50 to 2.79 bld (660.97 to 736.12 mgd), due to greater reported consumption in the industrial and hydroelectric categories.

The following table shows the consumptive uses for all basins utilized by Ontario for 1993.

| <i>Basin</i> | <i>Consumptive uses (mld)</i> | <i>% of total use</i> |
|--------------|-------------------------------|-----------------------|
| Superior | 92 | 3.2 % |
| Huron | 543 | 19 % |
| Erie | 807 | 28 % |
| Ontario | 1,215 | 42 % |
| St. Lawrence | 220 | 7.8 % |
| TOTAL | 2,879 | 100 % |

Diversions: Ontario reported incoming interbasin diversions for Lake Superior and intrabasin diversions (incoming or outgoing) for Lakes Huron, Erie, and Ontario. These values are represented in the following table; incoming diversion values are negative.

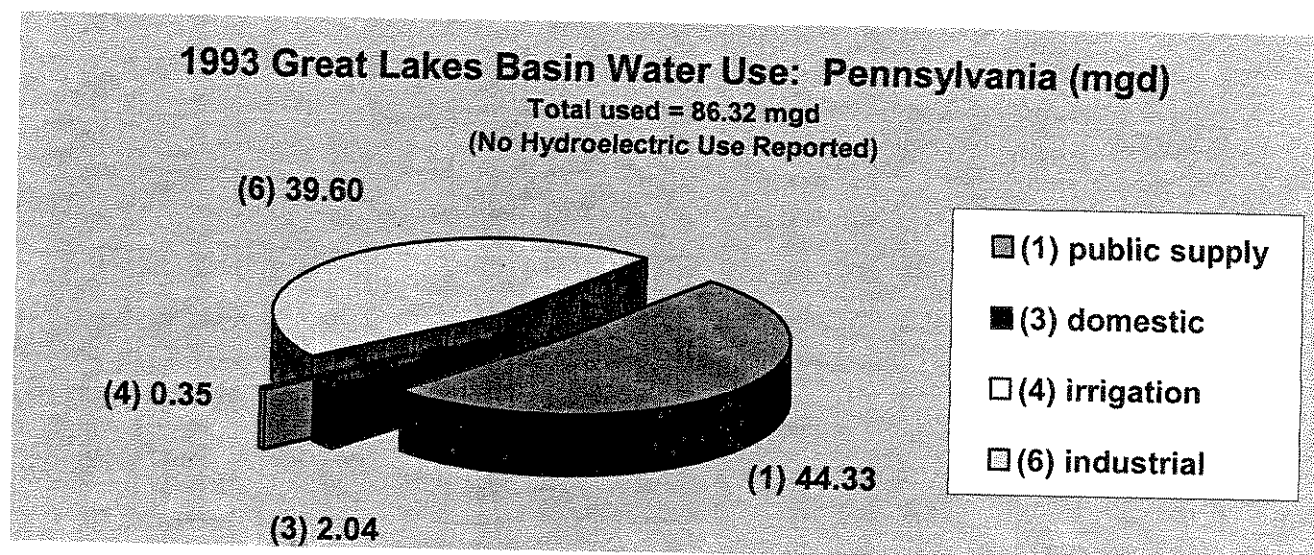
| <i>Basin</i> | <i>Interbasin Diversion (mld)</i> | <i>Intrabasin Diversion (mld)</i> |
|--------------|-----------------------------------|-----------------------------------|
| Superior | -15,062 | 0 |
| Huron | 0 | 171 |
| Erie | 0 | 16,348 |
| Ontario | 0 | -16,519 |
| TOTAL | -15,062 | 0 |

Ontario's withdrawal data for this report were 6.9% measured, 93% partially measured, and 0.1% estimated, while the level of aggregation was 99.9% site-specific.

Pennsylvania

Data Source: Data for 1993 for the Lake Erie and Lake Ontario Basins of Pennsylvania were submitted to the Regional Water Use Data Base by the Department of Environmental Protection – Bureau of Water Supply and Community Health.

Withdrawals: Total withdrawals from the two basins were 86.32 mgd, down from 98.27 mgd in 1992. Industrial uses, which account for more than 50% of withdrawals, fell about 10% from 49.25 mgd in 1992, to 39.6 mgd in 1993. Nearly 100% of withdrawals were from the Lake Erie Basin (86.13 mgd).



Consumptive Use: A total of 13.01 mgd were consumed, down from 17.87 mgd in 1992. Part of the decline in consumption can be attributed to the change in reporting methods. The consumption from Lake Ontario was negligible at 0.02 mgd, in comparison to 12.99 mgd consumption in the Lake Erie Basin withdrawals.

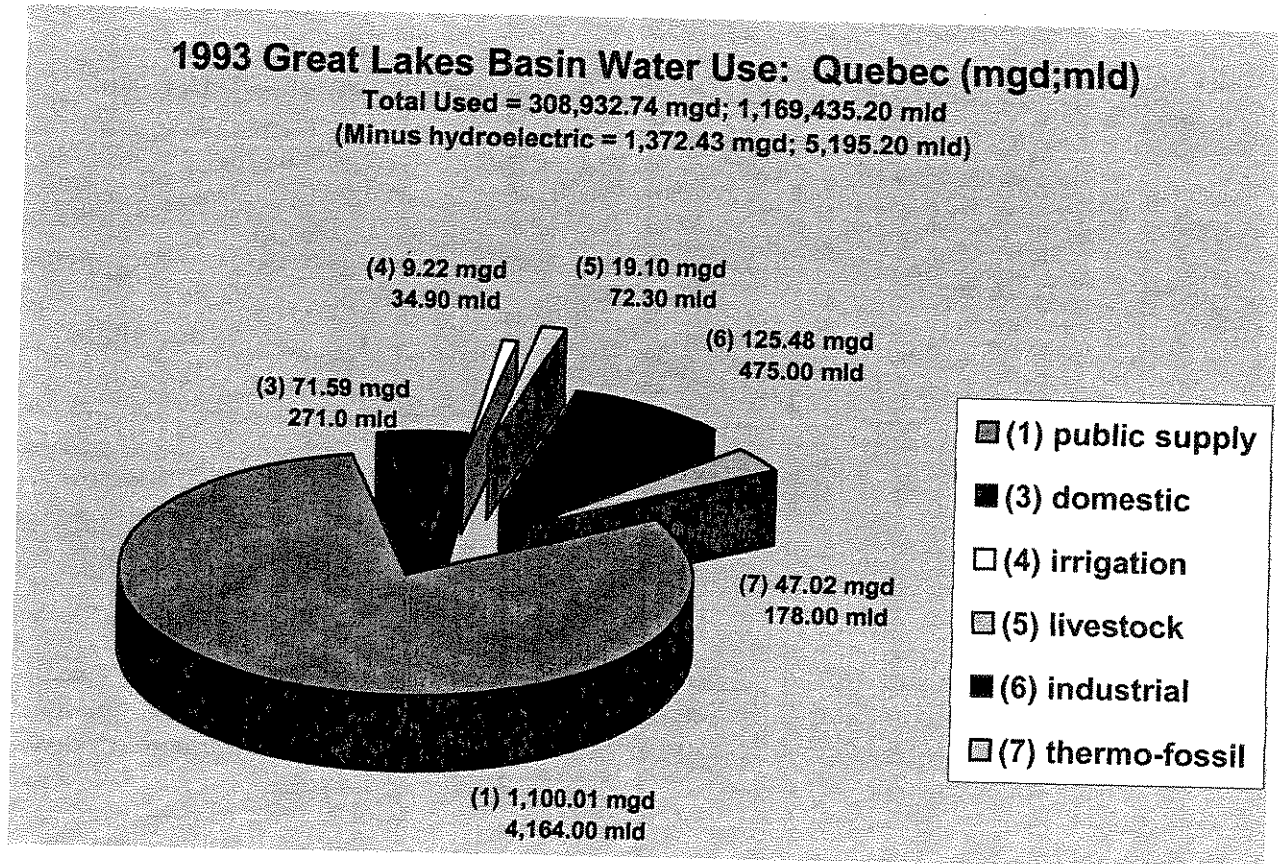
Diversions: NA

The Pennsylvania 1993 data were 51% measured, 49% estimated, while having a 98% site-specific level of aggregation.

Quebec

Data Source: The Ministre de l'Environnement— Direction du milieu hydrique provided water use data for Quebec in 1993.

Withdrawals: Withdrawals in Quebec's St. Lawrence River Basin were approximately 1.17 tld (308 bgd), an increase from 1.14 tld (301 bgd) in 1992. Nearly 100% of the total withdrawals were for hydroelectric power purposes.



Consumptive Use: Total consumption in 1993 was 597.55 mld (157.9 mgd), up from 567.4 mld (149.9 mgd) in 1992. This change was due to an increase in reported consumption for thermoelectric fossil fuels, which was 178.0 mld. Public supply accounted for 416 mld (109.9 mgd) of 1993 consumption.

Diversions: No inter- or intrabasin diversions were made in 1993 which would meet the Charter trigger level of 380,000 litres (100,000 gallons) per day average over a 30 day period.

The Quebec water use data for 1993 are 99.5% measured, 0.5 % partially measured. The level of aggregation was 100% site-specific.

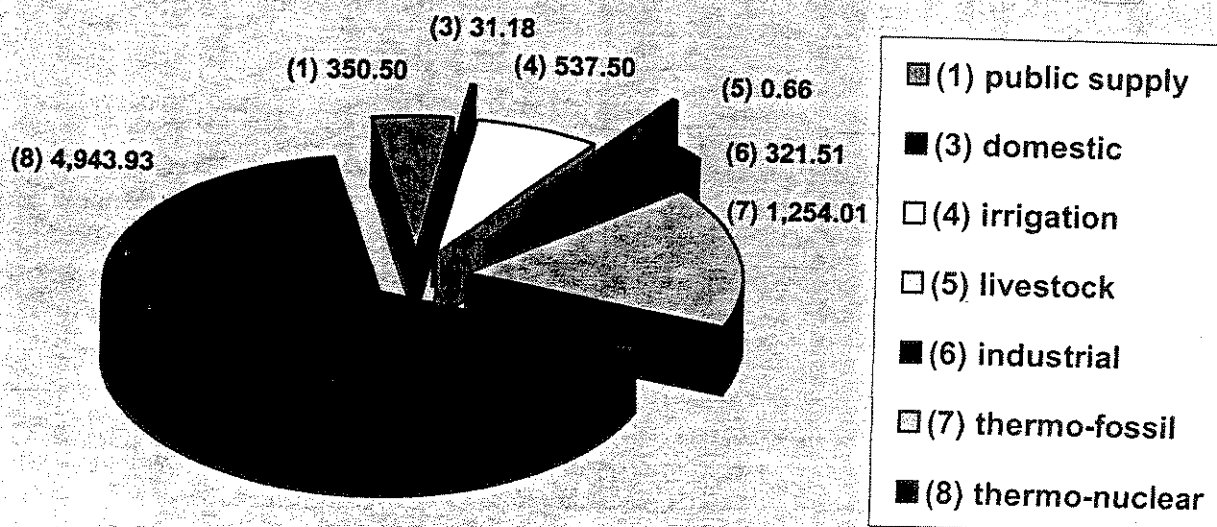
Wisconsin

Data Source: 1993 water use data for the Lake Michigan and Lake Superior Basins of Wisconsin were submitted by the Wisconsin Department of Natural Resources—Bureau of Water Resources Management.

Withdrawals: From Lake Michigan and Lake Superior Basins combined, withdrawals totaled 11.89 bgd, an increase of more than 2.5 bgd over 1992 figures. More than 99% of the total withdrawals were from the Lake Michigan Basin; only 178.25 mgd were withdrawn from Lake Superior. Of the Lake Superior withdrawals, 147.23 mgd or 82% were for hydroelectric uses. Water withdrawn from the Lake Michigan Basin was used primarily for nuclear and hydroelectric power purposes— at 42% and 36% of total use respectively.

1993 Great Lakes Basin Water Use: Wisconsin (mgd)

Total used = 11,896.26 mgd
(Minus hydroelectric = 7,439.29 mgd)



Consumptive Use: Nearly 100% of Wisconsin's 1993 consumptive uses were from the Lake Michigan Basin (542.5 mgd). Of this amount, 376.25 mgd were consumed for self-supply irrigation purposes. Consumption from industrial uses and thermoelectric nuclear withdrawals was 48.13 mgd and 49.44 mgd, respectively.

Diversions: 190,000 gallons per day were diverted out of the Lake Michigan Basin for public water supply purposes at Pleasant Prairie in 1993.

Wisconsin's 1993 water use data was 100% calculated or estimated. The level of aggregation was 100%.

III. APPENDIXES
APPENDIX A
IN MILLION GALLONS PER DAY

- 1993 GREAT LAKES BASIN SUMMARY REPORT
- JURISDICTION REPORTS

Illinois
Indiana
Michigan
Minnesota
New York
Ohio
Ontario
Quebec
Pennsylvania
Wisconsin

- BASIN SUMMARY REPORTS

Lake Superior
Lake Michigan
Lake Huron
Lake Erie
Lake Ontario
St. Lawrence River

- WATER USE CATEGORY REPORTS

Public Supply
Self Supply - Domestic
Self Supply - Irrigation
Self Supply - Livestock
Self Supply - Industrial
Self Supply - Thermoelectric Power, Fossil Fuel
Self Supply - Thermoelectric Power, Nuclear
Self Supply - Hydroelectric Power
Other

a) Water-Use by Category - All Basins, All Jurisdictions

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water-Use Category | All Facilities | | | | | | | | Principal Facilities | | | | | | | | |
|--------------------|----------------|-----------|---------|------------|------------|------------|----------|----------|----------------------|-------------|--------|-----------|------------|------------|---------|-----------------|--|
| | Withdrawals | | | | Diversions | | | | Consumptive Use | Withdrawals | | | | Diversions | | | |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | GLSW | | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | Consumptive Use | |
| 1 | 3962.69 | 1070.70 | 392.83 | 6650.22* | 0.00 | 1138.34 | 1138.34 | 681.15* | 2597.01 | 676.37 | 178.12 | 3451.50 | 0.00 | 1140.78 | 1140.78 | 292.49 | |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3 | 181.89 | 147.98 | 497.93 | 827.80 | 0.00 | 3.68 | 3.68 | 94.82 | 19.89 | 19.97 | 55.50 | 95.36 | 0.00 | 3.00 | 3.00 | 9.61 | |
| 4 | 9.33 | 152.97 | 614.67 | 1013.97* | 0.00 | 0.00 | 0.00 | 794.15* | 0.00 | 9.91 | 26.29 | 36.20 | 0.00 | 0.00 | 0.00 | 30.37 | |
| 5 | 4.00 | 4.26 | 98.55 | 106.81 | 0.00 | 0.00 | 0.00 | 83.42 | 0.00 | 2.63 | 1.28 | 3.91 | 0.00 | 0.00 | 0.00 | 3.14 | |
| 6 | 4461.55 | 947.51 | 155.94 | 6883.00* | 0.00 | 2.68 | 2.68 | 669.04* | 1844.39 | 680.70 | 70.18 | 2595.27 | 0.00 | 2.68 | 2.68 | 298.53 | |
| 7 | 15788.56 | 322.81 | 3.07 | 16114.44 | 0.00 | 0.00 | 0.00 | 147.94 | 7770.12 | 198.10 | 0.27 | 7968.48 | 0.00 | 0.00 | 0.00 | 40.55 | |
| 8 | 23671.79 | 0.00 | 0.00 | 23671.79 | 0.00 | 0.00 | 0.00 | 168.11 | 8048.55 | 0.00 | 0.00 | 8048.55 | 0.00 | 0.00 | 0.00 | 69.59 | |
| 9 | 641911.84 | 198316.75 | 0.00 | 840228.59 | 0.00 | -3979.03 | -3979.03 | 0.57 | 330363.63 | 137750.72 | 0.00 | 468114.35 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 10 | 1455.12 | 198.36 | 0.46 | 1653.94 | 329.00 | 322.55 | 651.55 | 0.03 | 797.46 | 3.49 | 0.16 | 801.11 | 132.00 | 322.55 | 454.55 | 0.02 | |
| Total | 691446.78 | 201161.33 | 1763.45 | 895660.56* | 329.00 | -2511.78 | -2182.78 | 2639.23* | 351441.05 | 139341.89 | 331.80 | 491114.73 | 132.00 | 1469.01 | 1601.01 | 744.29 | |

b) Water-Use by Basin - All Categories, All Jurisdictions

| Basin | All Facilities | | | | | | | | Principal Facilities | | | | | | | | |
|--------------------|----------------|-----------|---------|-----------|------------|------------|----------|---------|----------------------|-------------|--------|-----------|------------|------------|---------|-----------------|--|
| | Withdrawals | | | | Diversions | | | | Consumptive Use | Withdrawals | | | | Diversions | | | |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | GLSW | | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | Consumptive Use | |
| Lake Superior | 864.41 | 44638.26 | 15.28 | 45517.96 | 0.00 | -3979.03 | -3979.03 | 91.55 | 213.90 | 4985.43 | 4.53 | 5203.86 | 0.00 | 0.00 | 0.00 | 122.52 | |
| Lake Michigan | 16466.10 | 7168.99 | 787.18 | 24422.27 | 0.00 | 1479.63 | 1479.63 | 758.00 | 13328.82 | 7038.94 | 202.52 | 20570.28 | 0.00 | 1481.39 | 1481.39 | 334.76 | |
| Lake Huron | 30258.24 | 13625.72 | 113.85 | 43997.82 | 45.28 | 0.00 | 45.28 | 151.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Lake Erie | 14850.58 | 559.86 | 395.98 | 15806.43 | 4318.77 | -12.38 | 4306.39 | 489.03 | 3973.02 | 357.49 | 76.14 | 4406.65 | 0.00 | -12.38 | -12.38 | 155.43 | |
| Lake Ontario | 207404.33 | 8011.70 | 245.51 | 215661.54 | -4035.05 | 0.00 | -4035.05 | 420.22 | 58985.00 | 0.00 | 0.00 | 58985.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| St. Lawrence River | 421603.10 | 127156.80 | 205.64 | 548965.55 | 0.00 | 0.00 | 0.00 | 248.47 | 274940.31 | 126960.03 | 48.61 | 401948.94 | 132.00 | 0.00 | 132.00 | 131.58 | |
| Total | 691446.78 | 201161.33 | 1763.45 | 894371.56 | 329.00 | -2511.78 | -2182.78 | 2159.24 | 351441.05 | 139341.89 | 331.80 | 491114.73 | 132.00 | 1469.01 | 1601.01 | 744.29 | |

c) Water-Use by Jurisdiction - All Categories, All Basins

| Jurisdiction | All Facilities | | | | | | | | Principal Facilities | | | | | | | | |
|--------------|----------------|-----------|---------|------------|------------|------------|----------|----------|----------------------|-------------|--------|-----------|------------|------------|---------|-----------------|--|
| | Withdrawals | | | | Diversions | | | | Consumptive Use | Withdrawals | | | | Diversions | | | |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | GLSW | | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | Consumptive Use | |
| Illinois | 4191.56 | 0.02 | 0.09 | 4191.67 | 0.00 | 1481.79 | 1481.79 | 2.06 | 4193.56 | 0.00 | 0.00 | 4193.56 | 0.00 | 1481.11 | 1481.11 | 2.73 | |
| Indiana | 2740.14 | 2437.62 | 140.32 | 5318.08 | 0.00 | -2.16 | -2.16 | 181.21 | 2740.14 | 2436.86 | 105.00 | 5282.00 | 0.00 | 0.00 | 0.00 | 170.81 | |
| Michigan | 8260.45 | 124.56 | 2.28 | 11166.29* | 0.00 | 0.00 | 0.00 | 589.04* | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Minnesota | 188.63 | 4836.26 | 5.46 | 5030.35 | 0.00 | 0.00 | 0.00 | 62.53 | 188.59 | 4838.20 | 4.49 | 5031.28 | 0.00 | 0.00 | 0.00 | 121.82 | |
| New York | 307679.20 | 311.00 | 280.71 | 308270.91 | 329.00 | 0.00 | 329.00 | 169.00 | 153054.00 | 0.00 | 0.00 | 153054.00 | 132.00 | 0.00 | 132.00 | 0.00 | |
| Ohio | 2897.11 | 321.17 | 143.13 | 3361.41 | 0.00 | -12.38 | -12.38 | 160.16 | 2896.83 | 314.51 | 64.94 | 3276.28 | 0.00 | -12.38 | -12.38 | 135.46 | |
| Ontario | 177106.32 | 61369.06 | 421.15 | 238896.53 | 0.00 | -3979.03 | -3979.03 | 760.56 | 0.00 | 0.00 | 0.00 | 0.00** | 0.00 | -12.38 | 0.00 | 0.00** | |
| Pennsylvania | 79.19 | 2.65 | 4.48 | 86.32 | 0.00 | 0.00 | 0.00 | 13.01 | 79.19 | 2.60 | 1.66 | 83.45 | 0.00 | 0.00 | 0.00 | 12.67 | |
| Quebec | 181868.57 | 126964.26 | 99.91 | 308932.74 | 0.00 | 0.00 | 0.00 | 157.86 | 181868.31 | 126960.03 | 48.61 | 308876.94 | 0.00 | 0.00 | 0.00 | 131.58 | |
| Wisconsin | 6435.61 | 4794.73 | 665.92 | 11896.26 | 0.00 | 0.00 | 0.00 | 543.81 | 6420.43 | 4789.69 | 107.10 | 11317.22 | 0.00 | 0.28 | 0.28 | 169.22 | |
| Total | 691446.78 | 201161.33 | 1763.45 | 897150.56* | 329.00 | -2511.78 | -2182.78 | 2639.24* | 351441.05 | 139341.89 | 331.80 | 491114.73 | 132.00 | 1469.01 | 1601.01 | 744.29 | |

*The total presented is larger than the sum of water use categories. This is due to the addition of state-wide data from Michigan.
Michigan's withdrawals and consumptive uses for this category cannot presently be reported by individual sub-basin or water withdrawal type.
**Ontario did not report its Principal Facility withdrawals for 1993.

JURISDICTION REPORT - Illinois

a) Withdrawals, Diversions and Consumptive Use - All facilities

DATE: 09/17/96
 UNITS: Mgal(US)/d
 YEAR OF DATA: 1993

| Water- Use Categ. | LAKE MICHIGAN | | | TOTAL | | |
|-------------------------|---------------|---------|---------|---------|---------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 1140.28 | 1140.28 | 0.00 | 1140.28 | 1140.28 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 18.05 | 3.68 | 0.00 | 18.05 | 3.68 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 15.18 | 2.68 | 2.05 | 15.18 | 2.68 | 2.05 |
| 7 | 958.90 | 0.00 | 0.00 | 958.90 | 0.00 | 0.00 |
| 8 | 1726.11 | 0.00 | 0.00 | 1726.11 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 335.15 | 335.15 | 0.00 | 335.15 | 335.15 | 0.00 |
| Total | 4193.67 | 1481.79 | 2.05 | 4193.67 | 1481.79 | 2.05 |

b) Withdrawals by Source - All facilities

| Water- Use Categ. | LAKE MICHIGAN | | | TOTAL | | |
|-------------------------|---------------|------|------|---------|------|------|
| | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 1140.28 | 0.00 | 0.00 | 1140.28 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 17.94 | 0.02 | 0.09 | 17.94 | 0.02 | 0.09 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 15.18 | 0.00 | 0.00 | 15.18 | 0.00 | 0.00 |
| 7 | 958.90 | 0.00 | 0.00 | 958.90 | 0.00 | 0.00 |
| 8 | 1726.11 | 0.00 | 0.00 | 1726.11 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 335.15 | 0.00 | 0.00 | 335.15 | 0.00 | 0.00 |
| Total | 4193.56 | 0.02 | 0.09 | 4193.56 | 0.02 | 0.09 |

c) Diversions by Type - All facilities

| Water- Use Categ. | LAKE MICHIGAN | | TOTAL | |
|-------------------------|---------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 1140.28 | 0.00 | 1140.28 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 3.68 | 0.00 | 3.68 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 2.68 | 0.00 | 2.68 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 335.15 | 0.00 | 335.15 |
| Total | 0.00 | 1481.79 | 0.00 | 1481.79 |

Level of Accuracy of Withdrawal Data: 100% Measured
 Level of Aggregation of Withdrawal Data Source: 100% Site-specific

JURISDICTION REPORT - Illinois

DATE: 09/17/96

a) Withdrawals, Diversions and Consumptive Use - Principal facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water- Use Categ. | LAKE MICHIGAN | | | TOTAL | | |
|-------------------------|---------------|---------|---------|---------|---------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 1140.28 | 1140.28 | 0.00 | 1140.28 | 1140.28 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 17.94 | 3.68 | 0.00 | 17.94 | 3.68 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 15.18 | 2.68 | 2.05 | 15.18 | 2.68 | 2.05 |
| 7 | 958.90 | 0.00 | 0.00 | 958.90 | 0.00 | 0.00 |
| 8 | 1726.11 | 0.00 | 0.00 | 1726.11 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 335.15 | 335.15 | 0.00 | 335.15 | 335.15 | 0.00 |
| Total | 4193.56 | 1481.79 | 2.05 | 4193.56 | 1481.79 | 2.05 |

b) Withdrawals by Source - Principal facilities

| Water- Use Categ. | LAKE MICHIGAN | | | TOTAL | | |
|-------------------------|---------------|------|------|---------|------|------|
| | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 1140.28 | 0.00 | 0.00 | 1140.28 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 17.94 | 0.00 | 0.00 | 17.94 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 15.18 | 0.00 | 0.00 | 15.18 | 0.00 | 0.00 |
| 7 | 958.90 | 0.00 | 0.00 | 958.90 | 0.00 | 0.00 |
| 8 | 1726.11 | 0.00 | 0.00 | 1726.11 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 335.15 | 0.00 | 0.00 | 335.15 | 0.00 | 0.00 |
| Total | 4193.56 | 0.00 | 0.00 | 4193.56 | 0.00 | 0.00 |

c) Diversions by Type - Principal facilities

| Water- Use Categ. | LAKE MICHIGAN | | TOTAL | |
|-------------------------|---------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 1140.28 | 0.00 | 1140.28 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 3.68 | 0.00 | 3.68 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 2.68 | 0.00 | 2.68 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 335.15 | 0.00 | 335.15 |
| Total | 0.00 | 1481.79 | 0.00 | 1481.79 |

Level of Accuracy of Withdrawal Data: 100% Measured
Level of Aggregation of Withdrawal Data Source: 100% Site-specific

JURISDICTION REPORT - Indiana

DATE: 09/19/96

a) Withdrawals, Diversions and Consumptive Use - All facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water-Use Categ. | LAKE MICHIGAN | | | LAKE ERIE | | | TOTAL | | |
|---------------------|---------------|--------|---------|-----------|--------|---------|---------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 142.52 | -2.16 | 21.37 | 39.07 | 0.00 | 5.86 | 181.59 | -2.16 | 27.23 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 46.00 | 0.00 | 6.90 | 5.56 | 0.00 | 0.83 | 51.56 | 0.00 | 7.73 |
| 4 | 19.31 | 0.00 | 17.37 | 1.30 | 0.00 | 1.17 | 20.61 | 0.00 | 18.54 |
| 5 | 7.30 | 0.00 | 5.85 | 1.94 | 0.00 | 1.55 | 9.24 | 0.00 | 7.40 |
| 6 | 1649.85 | 0.00 | 98.99 | 10.36 | 0.00 | 0.63 | 1660.21 | 0.00 | 99.62 |
| 7 | 1032.32 | 0.00 | 20.65 | 0.27 | 0.00 | 0.01 | 1032.59 | 0.00 | 20.66 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 2362.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2362.07 | 0.00 | 0.00 |
| 10 | 0.21 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.21 | 0.00 | 0.03 |
| Total | 5259.58 | -2.16 | 171.16 | 58.50 | 0.00 | 10.05 | 5318.08 | -2.16 | 181.21 |

b) Withdrawals by Source - All facilities

| Water-Use Categ. | LAKE MICHIGAN | | | LAKE ERIE | | | TOTAL | | |
|---------------------|---------------|---------|--------|-----------|-------|-------|---------|---------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 89.63 | 0.00 | 52.89 | 0.00 | 31.97 | 7.10 | 89.63 | 31.97 | 59.99 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 19.81 | 26.19 | 0.00 | 0.03 | 5.53 | 0.00 | 19.84 | 31.72 |
| 4 | 0.00 | 5.07 | 14.24 | 0.00 | 0.31 | 0.99 | 0.00 | 5.38 | 15.23 |
| 5 | 0.00 | 1.93 | 5.37 | 0.00 | 0.00 | 1.94 | 0.00 | 1.93 | 7.31 |
| 6 | 1618.19 | 8.09 | 23.57 | 0.00 | 8.28 | 2.08 | 1618.19 | 16.37 | 25.65 |
| 7 | 1032.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.27 | 1032.32 | 0.00 | 0.27 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 2362.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2362.07 | 0.00 |
| 10 | 0.00 | 0.06 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 0.15 |
| Total | 2740.14 | 2397.03 | 122.41 | 0.00 | 40.59 | 17.91 | 2740.14 | 2437.62 | 140.32 |

c) Diversions by Type - All facilities

| Water-Use Categ. | LAKE MICHIGAN | | LAKE ERIE | | TOTAL | |
|---------------------|---------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | -2.16 | 0.00 | 0.00 | 0.00 | -2.16 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | -2.16 | 0.00 | 0.00 | 0.00 | -2.16 |

Level of Accuracy of Withdrawal Data:

Level of Aggregation of Withdrawal Data Source: 99% Site-specific

3% Measured

51% Partially Measured
1% Aggregated

46% Calculated or Estimated

JURISDICTION REPORT - Indiana

DATE: 09/19/96

a) Withdrawals, Diversions and Consumptive Use - Principal facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water-Use Categ. | LAKE MICHIGAN | | | LAKE ERIE | | | TOTAL | | |
|---------------------|---------------|--------|---------|-----------|--------|---------|---------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 141.94 | 0.00 | 21.29 | 38.63 | 0.00 | 5.79 | 180.57 | 0.00 | 27.08 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 26.69 | 0.00 | 4.00 | 0.03 | 0.00 | 0.00 | 26.72 | 0.00 | 4.00 |
| 4 | 18.04 | 0.00 | 16.23 | 1.02 | 0.00 | 0.91 | 19.06 | 0.00 | 17.14 |
| 5 | 3.05 | 0.00 | 2.45 | 0.00 | 0.00 | 0.00 | 3.05 | 0.00 | 2.45 |
| 6 | 1647.88 | 0.00 | 98.87 | 9.97 | 0.00 | 0.59 | 1657.85 | 0.00 | 99.46 |
| 7 | 1032.32 | 0.00 | 20.65 | 0.27 | 0.00 | 0.01 | 1032.59 | 0.00 | 20.66 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 2362.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2362.07 | 0.00 | 0.00 |
| 10 | 0.09 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.02 |
| Total | 5232.08 | 0.00 | 163.51 | 49.92 | 0.00 | 7.30 | 5282.00 | 0.00 | 170.81 |

b) Withdrawals by Source - Principal facilities

| Water-Use Categ. | LAKE MICHIGAN | | | LAKE ERIE | | | TOTAL | | |
|---------------------|---------------|---------|-------|-----------|-------|------|---------|---------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 89.63 | 0.00 | 52.31 | 0.00 | 31.96 | 6.67 | 89.63 | 31.96 | 58.98 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 19.80 | 6.89 | 0.00 | 0.03 | 0.00 | 0.00 | 19.83 | 6.89 |
| 4 | 0.00 | 4.55 | 13.49 | 0.00 | 0.15 | 0.87 | 0.00 | 4.70 | 14.36 |
| 5 | 0.00 | 1.93 | 1.12 | 0.00 | 0.00 | 0.00 | 0.00 | 1.93 | 1.12 |
| 6 | 1618.19 | 8.08 | 21.61 | 0.00 | 8.24 | 1.73 | 1618.19 | 16.32 | 23.34 |
| 7 | 1032.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.27 | 1032.32 | 0.00 | 0.27 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 2362.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2362.07 | 0.00 |
| 10 | 0.00 | 0.05 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.04 |
| Total | 2740.14 | 2396.48 | 95.46 | 0.00 | 40.38 | 9.54 | 2740.14 | 2436.86 | 105.00 |

c) Diversions by Type - Principal facilities

| Water-Use Categ. | LAKE MICHIGAN | | LAKE ERIE | | TOTAL | |
|---------------------|---------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data:

Level of Aggregation of Withdrawal Data Source:

3% Measured

99% Site-specific

51% Partially Measured

1% Aggregated

46% Calculated or Estimated

JURISDICTION REPORT - Michigan

DATE: 09/27/96

a) Withdrawals, Diversions and Consumptive Use - All facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water-Use Categ. | LAKE SUPERIOR | | | LAKE MICHIGAN | | | LAKE HURON | | | LAKE ERIE | | | TOTAL | | |
|---------------------|---------------|--------|---------|---------------|--------|---------|------------|--------|---------|-----------|--------|---------|-----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 2 | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | 1224.00* | NR | 123.00* |
| 3 | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR |
| 4 | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR |
| 5 | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | 237.00* | 0.00 | 225.00* |
| 6 | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR |
| 7 | 260.77 | 0.00 | 3.39 | 1091.72 | 0.00 | 14.20 | 652.47 | 0.00 | 8.48 | 4221.04 | 0.00 | 54.87 | 1318.00* | 0.00 | 132.00* |
| 8 | 0.00 | 0.00 | 0.00 | 2161.29 | 0.00 | 28.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6226.00 | 0.00 | 80.94 |
| 9 | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | 2161.29 | 0.00 | 28.10 |
| 10 | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR |
| Total | 260.77 | 0.00 | 3.39 | 3253.01 | 0.00 | 42.30 | 652.47 | 0.00 | 8.480 | 4221.04 | 0.00 | 54.87 | 11166.29* | 0.00 | 589.04* |

b) Withdrawals by Source - All facilities

| Water-Use Categ. | LAKE SUPERIOR | | | LAKE MICHIGAN | | | LAKE HURON | | | LAKE ERIE | | | TOTAL | | |
|---------------------|---------------|------|------|---------------|--------|------|------------|------|------|-----------|------|------|---------|--------|------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 2 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 3 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 4 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 5 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 6 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 7 | 260.77 | 0.00 | 0.00 | 965.00 | 124.44 | 2.28 | 652.44 | 0.03 | 0.00 | 4220.95 | 0.09 | 0.00 | 6099.16 | 124.56 | 2.28 |
| 8 | 0.00 | 0.00 | 0.00 | 2161.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2161.29 | 0.00 | 0.00 |
| 9 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 10 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Total | 260.77 | 0.00 | 0.00 | 3126.29 | 124.44 | 2.28 | 652.44 | 0.03 | 0.00 | 4220.95 | 0.09 | 0.00 | 8260.45 | 124.56 | 2.28 |

c) Diversions by Type - All facilities

| Water-Use Categ. | LAKE SUPERIOR | | LAKE MICHIGAN | | LAKE HURON | | LAKE ERIE | | TOTAL | |
|---------------------|---------------|------------|---------------|------------|------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | NR | 0.00 | NR | 0.00 | NR | 0.00 | NR | 0.00 | NR | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

*This total figure cannot presently be reported by individual sub-basin or withdrawal type.
NR=not reported

Level of Accuracy of Withdrawal Data: 11% Measured 87% Partially Measured 2% Calculated or Estimated
Level of Aggregation of Withdrawal Data Source: 98% Site-specific 2% Aggregated

JURISDICTION REPORT - Michigan

a) Withdrawals, Diversions and Consumptive Use - Principal facilities

DATE: 9/27/96
 UNITS: Mgal(US)/d
 YEAR OF DATA: 1993

| Water-Use Categ. | LAKE SUPERIOR | | | LAKE MICHIGAN | | | LAKE HURON | | | LAKE ERIE | | | TOTAL | | |
|------------------|---------------|--------|---------|---------------|--------|---------|------------|--------|---------|-----------|--------|---------|---------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 2 | NR | 0.00 | NR | NR | 0.00 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 3 | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR |
| 4 | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR |
| 5 | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR |
| 6 | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | NR | NR | 0.00 | NR |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR |
| 10 | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

b) Withdrawals by Source - Principal facilities

| Water-Use Categ. | LAKE SUPERIOR | | | LAKE MICHIGAN | | | LAKE HURON | | | LAKE ERIE | | | TOTAL | | |
|------------------|---------------|------|------|---------------|------|------|------------|------|------|-----------|------|------|-------|------|------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 2 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 3 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 4 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 5 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 6 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | NR | NR | NR | NR | NR | NR | NR |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 10 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

c) Diversions by Type - Principal facilities

| Water-Use Categ. | LAKE SUPERIOR | | LAKE MICHIGAN | | LAKE HURON | | LAKE ERIE | | TOTAL | |
|------------------|---------------|------------|---------------|------------|------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | NR | 0.00 | NR | 0.00 | NR | 0.00 | NR | 0.00 | NR | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

NR=not reported

JURISDICTION REPORT - Minnesota

DATE: 01/22/97

a) Withdrawals, Diversions and Consumptive Use - All facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water- Use Categ. | LAKE SUPERIOR | | | TOTAL | | |
|-------------------------|---------------|--------|---------|---------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 43.16 | 0.00 | 9.89 | 43.16 | 0.00 | 9.06 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 2.13 | 0.00 | 0.17 | 2.13 | 0.00 | 0.17 |
| 4 | 0.23 | 0.00 | 0.21 | 0.23 | 0.00 | 0.21 |
| 5 | 0.24 | 0.00 | 0.00 | 0.24 | 0.00 | 0.00 |
| 6 | 238.09 | 0.00 | 50.00 | 238.09 | 0.00 | 50.00 |
| 7 | 146.40 | 0.00 | 2.93 | 146.40 | 0.00 | 2.93 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 4598.00 | 0.00 | 0.00 | 4598.00 | 0.00 | 0.00 |
| 10 | 0.15 | 0.00 | 0.00 | 0.15 | 0.00 | 0.00 |
| Total | 5028.40 | 0.00 | 62.37 | 5028.40 | 0.00 | 62.37 |

b) Withdrawals by Source - All facilities

| Water- Use Categ. | LAKE SUPERIOR | | | TOTAL | | |
|-------------------------|---------------|---------|------|--------|---------|------|
| | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 33.39 | 4.80 | 4.97 | 33.39 | 4.80 | 4.97 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 1.95 | 0.17 | 0.01 | 1.95 | 0.17 | 0.01 |
| 4 | 0.01 | 0.21 | 0.01 | 0.01 | 0.21 | 0.01 |
| 5 | 0.00 | 0.03 | 0.21 | 0.00 | 0.03 | 0.21 |
| 6 | 152.54 | 85.46 | 0.09 | 152.54 | 85.46 | 0.09 |
| 7 | 0.74 | 145.64 | 0.02 | 0.74 | 145.64 | 0.02 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 4598.00 | 0.00 | 0.00 | 4598.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.15 | 0.00 | 0.00 | 0.15 |
| Total | 188.63 | 4834.31 | 5.46 | 188.63 | 4834.31 | 5.46 |

c) Diversions by Type - All facilities

| Water- Use Categ. | LAKE SUPERIOR | | TOTAL | |
|-------------------------|---------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data:

Level of Aggregation of Withdrawal Data Source:

9% Measured

9% Site-specific

91% Calculated or Estimated

91% Aggregated

JURISDICTION REPORT - Minnesota

DATE: 01/22/97

a) Withdrawals, Diversions and Consumptive Use - Principal facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water- Use Categ. | LAKE SUPERIOR | | | TOTAL | | |
|-------------------------|---------------|--------|---------|---------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 42.62 | 0.00 | 8.95 | 42.62 | 0.00 | 8.95 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 2.09 | 0.00 | 0.17 | 2.09 | 0.00 | 0.17 |
| 4 | 0.19 | 0.00 | 0.17 | 0.19 | 0.00 | 0.17 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 237.68 | 0.00 | 49.91 | 237.68 | 0.00 | 49.91 |
| 7 | 146.23 | 0.00 | 2.93 | 146.23 | 0.00 | 2.93 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 4598.00 | 0.00 | 0.00 | 4598.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 5026.81 | 0.00 | 62.13 | 5026.81 | 0.00 | 62.13 |

b) Withdrawals by Source - Principal facilities

| Water- Use Categ. | LAKE SUPERIOR | | | TOTAL | | |
|-------------------------|---------------|---------|------|--------|---------|------|
| | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 33.36 | 4.76 | 4.49 | 33.36 | 4.76 | 4.49 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 1.95 | 0.14 | 0.00 | 1.95 | 0.14 | 0.00 |
| 4 | 0.00 | 0.19 | 0.00 | 0.00 | 0.19 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 152.54 | 85.14 | 0.00 | 152.54 | 85.14 | 0.00 |
| 7 | 0.74 | 145.49 | 0.00 | 0.74 | 145.49 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 4598.00 | 0.00 | 0.00 | 4598.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 188.59 | 4833.72 | 4.49 | 188.59 | 4833.72 | 4.49 |

c) Diversions by Type - Principal facilities

| Water- Use Categ. | LAKE SUPERIOR | | TOTAL | |
|-------------------------|---------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data:

9% Measured

91% Calculated or Estimated

Level of Aggregation of Withdrawal Data Source: 9% Site-specific

91% Aggregated

JURISDICTION REPORT - New York

DATE: 09/19/96

a) Withdrawals, Diversions and Consumptive Use - All facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water-Use Categ. | LAKE ERIE | | | LAKE ONTARIO | | | ST. LAWRENCE RIVER | | | TOTAL | | |
|---------------------|-----------|--------|---------|--------------|--------|---------|--------------------|--------|---------|-----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 206.00 | 0.00 | 20.60 | 266.00 | 0.00 | 26.60 | 126.00 | 0.00 | 12.60 | 598.00 | 0.00 | 59.80 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 78.00 | 0.00 | 7.80 | 290.00 | 0.00 | 29.00 | 88.00 | 0.00 | 9.00 | 456.00 | 0.00 | 45.80 |
| 4 | 1.60 | 0.00 | 1.42 | 8.00 | 0.00 | 7.10 | 1.11 | 0.00 | 0.98 | 10.71 | 0.00 | 9.50 |
| 5 | 1.40 | 0.00 | 1.10 | 6.40 | 0.00 | 3.30 | 3.00 | 0.00 | 2.40 | 10.80 | 0.00 | 6.80 |
| 6 | 58.40 | 0.00 | 5.80 | 220.00 | 0.00 | 22.00 | 73.00 | 0.00 | 7.30 | 351.40 | 0.00 | 35.10 |
| 7 | 437.00 | 0.00 | 1.00 | 1759.00 | 0.00 | 8.00 | 0.00 | 0.00 | 0.00 | 2196.00 | 0.00 | 9.00 |
| 8 | 0.00 | 0.00 | 0.00 | 1260.00 | 0.00 | 3.00 | 0.00 | 0.00 | 0.00 | 1260.00 | 0.00 | 3.00 |
| 9 | 560.00 | 0.00 | 0.00 | 152036.00 | 0.00 | 0.00 | 150331.00 | 0.00 | 0.00 | 302927.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 329.00 | 329.00 | 0.00 | 132.00 | 0.00 | 0.00 | 461.00 | 329.00 | 0.00 |
| Total | 1342.40 | 0.00 | 37.72 | 156174.40 | 329.00 | 99.00 | 150754.11 | 0.00 | 32.28 | 308270.91 | 329.00 | 169.00 |

b) Withdrawals by Source - All facilities

| Water-Use Categ. | LAKE ERIE | | | LAKE ONTARIO | | | ST. LAWRENCE RIVER | | | TOTAL | | |
|---------------------|-----------|-------|-------|--------------|--------|--------|--------------------|-------|-------|-----------|--------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 160.00 | 46.00 | 0.00 | 96.00 | 139.00 | 31.00 | 101.00 | 0.00 | 25.00 | 357.00 | 185.00 | 56.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 10.00 | 10.00 | 58.00 | 101.00 | 96.00 | 93.00 | 51.00 | 20.00 | 17.00 | 162.00 | 126.00 | 168.00 |
| 4 | 1.20 | 0.00 | 0.40 | 7.00 | 0.00 | 1.00 | 1.00 | 0.00 | 0.11 | 9.20 | 0.00 | 1.51 |
| 5 | 0.50 | 0.00 | 0.90 | 2.50 | 0.00 | 3.90 | 1.00 | 0.00 | 2.00 | 4.00 | 0.00 | 6.80 |
| 6 | 55.00 | 0.00 | 3.40 | 180.00 | 0.00 | 40.00 | 68.00 | 0.00 | 5.00 | 303.00 | 0.00 | 48.40 |
| 7 | 437.00 | 0.00 | 0.00 | 1759.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2196.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 1260.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1260.00 | 0.00 | 0.00 |
| 9 | 560.00 | 0.00 | 0.00 | 152036.00 | 0.00 | 0.00 | 150331.00 | 0.00 | 0.00 | 302927.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 329.00 | 0.00 | 0.00 | 132.00 | 0.00 | 0.00 | 461.00 | 0.00 | 0.00 |
| Total | 1223.70 | 56.00 | 62.70 | 155770.50 | 235.00 | 168.90 | 150685.00 | 20.00 | 49.11 | 307679.20 | 311.00 | 280.71 |

c) Diversions by Type - All facilities

| Water-Use Categ. | LAKE ERIE | | LAKE ONTARIO | | ST. LAWRENCE RIVER | | TOTAL | |
|---------------------|------------|------------|--------------|------------|--------------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 329.00 | 0.00 | 0.00 | 0.00 | 329.00 | 0.00 |
| Total | 0.00 | 0.00 | 329.00 | 0.00 | 0.00 | 0.00 | 329.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 2% Measured 61% Partially Measured 37% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 100% Site-specific

JURISDICTION REPORT - New York

DATE: 09/19/96

a) Withdrawals, Diversions and Consumptive Use - Principal facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water-Use Categ. | LAKE ERIE | | | LAKE ONTARIO | | | ST. LAWRENCE RIVER | | | TOTAL | | |
|---------------------|-----------|--------|---------|--------------|--------|---------|--------------------|--------|---------|-----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 437.00 | 0.00 | 0.00 | 1759.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 1260.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2196.00 | 0.00 | 0.00 |
| 9 | 560.00 | 0.00 | 0.00 | 55637.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1260.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 329.00 | 0.00 | 0.00 | 92940.00 | 0.00 | 0.00 | 149137.00 | 0.00 | 0.00 |
| Total | 997.00 | 0.00 | 0.00 | 58985.00 | 0.00 | 0.00 | 93072.00 | 132.00 | 0.00 | 153054.00 | 132.00 | 0.00 |

b) Withdrawals by Source - Principal facilities

| Water-Use Categ. | LAKE ERIE | | | LAKE ONTARIO | | | ST. LAWRENCE RIVER | | | TOTAL | | |
|---------------------|-----------|------|------|--------------|------|------|--------------------|------|------|-----------|------|------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 437.00 | 0.00 | 0.00 | 1759.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 1260.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2196.00 | 0.00 | 0.00 |
| 9 | 560.00 | 0.00 | 0.00 | 55637.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1260.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 329.00 | 0.00 | 0.00 | 92940.00 | 0.00 | 0.00 | 149137.00 | 0.00 | 0.00 |
| Total | 997.00 | 0.00 | 0.00 | 58985.00 | 0.00 | 0.00 | 93072.00 | 0.00 | 0.00 | 153054.00 | 0.00 | 0.00 |

c) Diversions by Type - Principal facilities

| Water-Use Categ. | LAKE ERIE | | LAKE ONTARIO | | ST. LAWRENCE RIVER | | TOTAL | |
|---------------------|------------|------------|--------------|------------|--------------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 132.00 | 0.00 | 132.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 132.00 | 0.00 | 132.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 2% Measured 61% Partially Measured 37% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 100% Site-specific

JURISDICTION REPORT - Ohio

DATE: 09/19/96

a) Withdrawals, Diversions and Consumptive Use - All facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water- Use Categ. | LAKE ERIE | | | TOTAL | | |
|-------------------------|-----------|--------|---------|---------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 599.87 | 0.22 | 89.98 | 599.87 | 0.22 | 89.98 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 59.70 | 0.00 | 8.96 | 59.70 | 0.00 | 8.96 |
| 4 | 11.09 | 0.00 | 9.97 | 11.09 | 0.00 | 9.97 |
| 5 | 13.13 | 0.00 | 10.50 | 13.13 | 0.00 | 10.50 |
| 6 | 205.26 | 0.00 | 20.52 | 205.26 | 0.00 | 20.52 |
| 7 | 2348.65 | 0.00 | 0.08 | 2348.65 | 0.00 | 0.08 |
| 8 | 118.51 | 0.00 | 20.15 | 118.51 | 0.00 | 20.15 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 5.20 | -12.60 | 0.00 | 5.20 | -12.60 | 0.00 |
| Total | 3361.41 | -12.38 | 160.16 | 3361.41 | -12.38 | 160.16 |

b) Withdrawals by Source - All facilities

| Water- Use Categ. | LAKE ERIE | | | TOTAL | | |
|-------------------------|-----------|--------|--------|---------|--------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 449.37 | 115.61 | 34.89 | 449.37 | 115.61 | 34.89 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 59.70 | 0.00 | 0.00 | 59.70 |
| 4 | 0.12 | 8.86 | 2.11 | 0.12 | 8.86 | 2.11 |
| 5 | 0.00 | 2.30 | 10.83 | 0.00 | 2.30 | 10.83 |
| 6 | 18.31 | 151.51 | 35.44 | 18.31 | 151.51 | 35.44 |
| 7 | 2309.49 | 39.16 | 0.00 | 2309.49 | 39.16 | 0.00 |
| 8 | 118.51 | 0.00 | 0.00 | 118.51 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 1.31 | 3.73 | 0.16 | 1.31 | 3.73 | 0.16 |
| Total | 2897.11 | 321.17 | 143.13 | 2897.11 | 321.17 | 143.13 |

c) Diversions by Type - All facilities

| Water- Use Categ. | LAKE ERIE | | TOTAL | |
|-------------------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.22 | 0.00 | 0.22 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | -12.60 | 0.00 | -12.60 |
| Total | 0.00 | -12.38 | 0.00 | -12.38 |

Level of Accuracy of Withdrawal Data: 100% Partially Measured
Level of Aggregation of Withdrawal Data Source: 100% Site-specific

JURISDICTION REPORT - Ohio

DATE: 09/19/96

a) Withdrawals, Diversions and Consumptive Use - Principal facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water- Use Categ. | LAKE ERIE | | | TOTAL | | |
|-------------------------|-----------|--------|---------|---------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| -1 | 594.11 | 0.22 | 89.12 | 594.11 | 0.22 | 89.12 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 5.60 | 0.00 | 5.05 | 5.60 | 0.00 | 5.05 |
| 5 | 0.86 | 0.00 | 0.69 | 0.86 | 0.00 | 0.69 |
| 6 | 203.68 | 0.00 | 20.37 | 203.68 | 0.00 | 20.37 |
| 7 | 2348.65 | 0.00 | 0.08 | 2348.65 | 0.00 | 0.08 |
| 8 | 118.51 | 0.00 | 20.15 | 118.51 | 0.00 | 20.15 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 4.87 | -12.60 | 0.00 | 4.87 | -12.60 | 0.00 |
| Total | 3276.28 | -12.38 | 135.46 | 3276.28 | -12.38 | 135.46 |

b) Withdrawals by Source - Principal facilities

| Water- Use Categ. | LAKE ERIE | | | TOTAL | | |
|-------------------------|-----------|--------|-------|---------|--------|-------|
| | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 449.24 | 115.25 | 29.62 | 449.24 | 115.25 | 29.62 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 4.75 | 0.85 | 0.00 | 4.75 | 0.85 |
| 5 | 0.00 | 0.70 | 0.16 | 0.00 | 0.70 | 0.16 |
| 6 | 18.28 | 151.21 | 34.19 | 18.28 | 151.21 | 34.19 |
| 7 | 2309.49 | 39.16 | 0.00 | 2309.49 | 39.16 | 0.00 |
| 8 | 118.51 | 0.00 | 0.00 | 118.51 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 1.31 | 3.44 | 0.12 | 1.31 | 3.44 | 0.12 |
| Total | 2896.83 | 314.51 | 64.94 | 2896.83 | 314.51 | 64.94 |

c) Diversions by Type - Principal facilities

| Water- Use Categ. | LAKE ERIE | | TOTAL | |
|-------------------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.22 | 0.00 | 0.22 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | -12.60 | 0.00 | -12.60 |
| Total | 0.00 | -12.38 | 0.00 | -12.38 |

Level of Accuracy of Withdrawal Data: 100% Partially Measured
Level of Aggregation of Withdrawal Data Source: 100% Site-specific

a) Withdrawals, Diversions and Consumptive Use - All facilities

| Water-Use Categ. | LAKE SUPERIOR | | | LAKE HURON | | | LAKE ERIE | | | LAKE ONTARIO | | | ST. LAWRENCE RIVER | | | TOTAL | | |
|------------------|---------------|----------|---------|------------|--------|---------|-----------|---------|---------|--------------|----------|---------|--------------------|--------|---------|-----------|----------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 21.04 | 0.00 | 3.16 | 150.87 | 45.28 | 22.63 | 205.20 | -45.28 | 30.74 | 833.85 | 0.00 | 125.08 | 157.53 | 0.00 | 23.63 | 1368.49 | 0.00 | 205.23 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 1.72 | 0.00 | 0.26 | 30.57 | 0.00 | 4.59 | 30.42 | 0.00 | 4.56 | 36.12 | 0.00 | 5.42 | 34.77 | 0.00 | 5.21 | 133.60 | 0.00 | 20.04 |
| 4 | 0.20 | 0.00 | 0.15 | 26.98 | 0.00 | 21.05 | 126.12 | 0.00 | 98.37 | 28.53 | 0.00 | 22.25 | 5.44 | 0.00 | 4.24 | 187.26 | 0.00 | 146.07 |
| 5 | 0.33 | 0.00 | 0.27 | 17.10 | 0.00 | 13.68 | 17.36 | 0.00 | 13.89 | 8.99 | 0.00 | 7.19 | 9.86 | 0.00 | 7.89 | 53.64 | 0.00 | 42.91 |
| 6 | 185.16 | 0.00 | 18.52 | 815.53 | 0.00 | 81.55 | 524.57 | 0.00 | 52.46 | 917.10 | 0.00 | 91.71 | 167.91 | 0.00 | 16.79 | 2610.26 | 0.00 | 261.03 |
| 7 | 199.03 | 0.00 | 1.95 | 0.00 | 0.00 | 0.00 | 1469.23 | 0.00 | 13.22 | 236.60 | 0.00 | 2.13 | 0.00 | 0.00 | 0.00 | 1904.86 | 0.00 | 17.31 |
| 8 | 0.00 | 0.00 | 0.00 | 5971.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7490.92 | 0.00 | 67.42 | 0.00 | 0.00 | 0.00 | 13461.95 | 0.00 | 67.42 |
| 9 | 39641.11 | -3979.03 | 0.00 | 36294.08 | 0.00 | 0.00 | 3706.38 | 3706.38 | 0.00 | 49806.39 | -3706.38 | 0.00 | 88876.27 | 0.00 | 0.57 | 218324.24 | -3979.03 | 0.57 |
| 10 | 0.00 | 0.00 | 0.00 | 39.19 | 0.00 | 0.00 | 657.66 | 657.66 | 0.00 | 128.45 | -657.66 | 0.00 | 26.93 | 0.00 | 0.00 | 852.23 | 0.00 | 0.00 |
| Total | 40048.59 | -3979.03 | 24.30 | 43345.35 | 45.28 | 143.49 | 6736.95 | 4318.77 | 213.24 | 59486.95 | -4364.05 | 321.20 | 89278.70 | 0.00 | 58.33 | 238896.53 | -3979.03 | 760.56 |

b) Withdrawals by Source - All facilities

| Water-Use Categ. | LAKE SUPERIOR | | | LAKE HURON | | | LAKE ERIE | | | LAKE ONTARIO | | | ST. LAWRENCE RIVER | | | TOTAL | | |
|------------------|---------------|----------|------|------------|----------|--------|-----------|---------|--------|--------------|---------|-------|--------------------|--------|-------|-----------|----------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 16.48 | 2.62 | 1.94 | 65.68 | 38.68 | 46.51 | 108.64 | 19.18 | 77.38 | 776.04 | 37.53 | 20.28 | 40.67 | 111.67 | 5.19 | 1007.50 | 209.68 | 151.30 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 1.72 | 0.00 | 0.00 | 30.57 | 0.00 | 0.00 | 30.42 | 0.00 | 0.00 | 0.00 | 36.12 | 0.00 | 34.77 | 0.00 | 0.00 | 133.60 |
| 4 | 0.00 | 0.14 | 0.06 | 0.00 | 20.47 | 6.52 | 0.00 | 92.89 | 33.23 | 0.00 | 20.77 | 7.76 | 0.00 | 3.97 | 1.47 | 0.00 | 138.23 | 49.03 |
| 5 | 0.00 | 0.00 | 0.33 | 0.00 | 0.00 | 17.10 | 0.00 | 0.00 | 17.36 | 0.00 | 0.00 | 8.99 | 0.00 | 0.00 | 9.86 | 0.00 | 0.00 | 53.64 |
| 6 | 172.00 | 10.91 | 2.25 | 722.78 | 79.60 | 13.16 | 487.72 | 27.29 | 9.56 | 801.05 | 112.78 | 3.28 | 132.59 | 29.98 | 5.34 | 2316.13 | 260.55 | 33.58 |
| 7 | 199.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1469.23 | 0.00 | 0.00 | 236.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1904.86 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 5971.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7490.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 13461.95 | 0.00 | 0.00 |
| 9 | 0.00 | 39641.11 | 0.00 | 22846.33 | 13447.75 | 0.00 | 3706.38 | 3706.38 | 0.00 | 42329.22 | 7477.17 | 0.00 | 88876.27 | 0.00 | 0.00 | 157758.21 | 60566.03 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 39.19 | 0.00 | 657.66 | 0.00 | 0.00 | 128.45 | 0.00 | 0.00 | 26.93 | 0.00 | 0.00 | 657.66 | 194.57 | 0.00 |
| Total | 387.51 | 39654.77 | 6.30 | 29605.80 | 13625.69 | 113.85 | 6429.63 | 139.36 | 167.95 | 51633.83 | 7776.70 | 76.42 | 89049.53 | 172.55 | 56.62 | 177106.32 | 61369.06 | 421.15 |

c) Diversions by Type - All facilities

| Water-Use Categ. | LAKE SUPERIOR | | LAKE HURON | | LAKE ERIE | | LAKE ONTARIO | | ST. LAWRENCE RIVER | | TOTAL | |
|------------------|---------------|------------|------------|------------|------------|------------|--------------|------------|--------------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 45.28 | 0.00 | -45.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | -3979.03 | 0.00 | 0.00 | 3706.38 | 0.00 | -3706.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 657.66 | 0.00 | -657.66 | 0.00 | 0.00 | 0.00 | 0.00 | -3979.03 |
| Total | 0.00 | -3979.03 | 45.28 | 0.00 | 4318.77 | 0.00 | -4364.05 | 0.00 | 0.00 | 0.00 | 0.00 | -3979.03 |

Level of Accuracy of Withdrawal Data: 100% Partially Measured

Level of Aggregation of Withdrawal Data Source: 100% Site-specific

* Ontario did not report its Principal Facility withdrawals for 1993.

a) Withdrawals, Diversions and Consumptive Use - Principal facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water-Use Categ. | LAKE SUPERIOR | | | LAKE HURON | | | LAKE ERIE | | | LAKE ONTARIO | | | ST. LAWRENCE RIVER | | | TOTAL | | |
|------------------|---------------|--------|---------|------------|--------|---------|-----------|--------|---------|--------------|--------|---------|--------------------|--------|---------|---------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

b) Withdrawals by Source - Principal facilities

| Water-Use Categ. | LAKE SUPERIOR | | | LAKE HURON | | | LAKE ERIE | | | LAKE ONTARIO | | | ST. LAWRENCE RIVER | | | TOTAL | | |
|------------------|---------------|------|------|------------|------|------|-----------|------|------|--------------|------|------|--------------------|------|------|-------|------|------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

c) Diversions by Type - Principal facilities

| Water-Use Categ. | LAKE SUPERIOR | | LAKE HURON | | LAKE ERIE | | LAKE ONTARIO | | ST. LAWRENCE RIVER | | TOTAL | |
|------------------|---------------|------------|------------|------------|------------|------------|--------------|------------|--------------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 100% Partially Measured
Level of Aggregation of Withdrawal Data Source: 100% Site-specific

JURISDICTION REPORT - Pennsylvania

DATE: 11/14/96

a) Withdrawals, Diversions and Consumptive Use - All facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water-Use Categ. | LAKE ERIE | | | LAKE ONTARIO | | | TOTAL | | |
|---------------------|-----------|--------|---------|--------------|--------|---------|---------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 44.21 | 0.00 | 4.43 | 0.12 | 0.00 | 0.01 | 44.33 | 0.00 | 4.44 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 1.97 | 0.00 | 0.20 | 0.07 | 0.00 | 0.01 | 2.04 | 0.00 | 0.21 |
| 4 | 0.35 | 0.00 | 0.32 | 0.00 | 0.00 | 0.00 | 0.35 | 0.00 | 0.32 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 39.60 | 0.00 | 8.04 | 0.00 | 0.00 | 0.00 | 39.60 | 0.00 | 8.04 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 86.13 | 0.00 | 12.99 | 0.19 | 0.00 | 0.02 | 86.32 | 0.00 | 13.01 |

b) Withdrawals by Source - All facilities

| Water-Use Categ. | LAKE ERIE | | | LAKE ONTARIO | | | TOTAL | | |
|---------------------|-----------|------|------|--------------|------|------|-------|------|------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 40.60 | 1.55 | 2.06 | 0.00 | 0.00 | 0.12 | 40.60 | 1.55 | 2.18 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 1.97 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | 2.04 |
| 4 | 0.00 | 0.29 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.29 | 0.06 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 38.59 | 0.81 | 0.20 | 0.00 | 0.00 | 0.00 | 38.59 | 0.81 | 0.20 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 79.19 | 2.65 | 4.29 | 0.00 | 0.00 | 0.19 | 79.19 | 2.65 | 4.48 |

c) Diversions by Type - All facilities

| Water-Use Categ. | LAKE ERIE | | LAKE ONTARIO | | TOTAL | |
|---------------------|------------|------------|--------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 51% Measured 49% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 98% Site-specific 2% Aggregated

JURISDICTION REPORT - Pennsylvania

DATE: 11/14/96

a) Withdrawals, Diversions and Consumptive Use - Principal facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water- Use Categ. | LAKE ERIE | | | LAKE ONTARIO | | | TOTAL | | |
|-------------------------|-----------|--------|---------|--------------|--------|---------|---------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 43.68 | 0.00 | 4.37 | 0.00 | 0.00 | 0.00 | 43.68 | 0.00 | 4.37 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.33 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 0.33 | 0.00 | 0.30 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 39.44 | 0.00 | 8.00 | 0.00 | 0.00 | 0.00 | 39.44 | 0.00 | 8.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 83.45 | 0.00 | 12.67 | 0.00 | 0.00 | 0.00 | 83.45 | 0.00 | 12.67 |

b) Withdrawals by Source - Principal facilities

| Water- Use Categ. | LAKE ERIE | | | LAKE ONTARIO | | | TOTAL | | |
|-------------------------|-----------|------|------|--------------|------|------|-------|------|------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 40.60 | 1.55 | 1.53 | 0.00 | 0.00 | 0.00 | 40.60 | 1.55 | 1.53 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.27 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.27 | 0.06 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 38.59 | 0.78 | 0.07 | 0.00 | 0.00 | 0.00 | 38.59 | 0.78 | 0.07 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 79.19 | 2.60 | 1.66 | 0.00 | 0.00 | 0.00 | 79.19 | 2.60 | 1.66 |

c) Diversions by Type - Principal facilities

| Water- Use Categ. | LAKE ERIE | | LAKE ONTARIO | | TOTAL | |
|-------------------------|------------|------------|--------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 51% Measured 49% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 98% Site-specific 2% Aggregated

JURISDICTION REPORT - Quebec

DATE: 10/09/96

a) Withdrawals, Diversions and Consumptive Use - All facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water- Use Categ. | ST. LAWRENCE RIVER | | | TOTAL | | |
|-------------------------|--------------------|--------|---------|-----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 1100.01 | 0.00 | 109.90 | 1100.01 | 0.00 | 109.90 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 71.59 | 0.00 | 7.13 | 71.59 | 0.00 | 7.13 |
| 4 | 9.22 | 0.00 | 8.30 | 9.22 | 0.00 | 8.30 |
| 5 | 19.10 | 0.00 | 15.28 | 19.10 | 0.00 | 15.28 |
| 6 | 125.48 | 0.00 | 12.55 | 125.48 | 0.00 | 12.55 |
| 7 | 47.02 | 0.00 | 4.70 | 47.02 | 0.00 | 4.70 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 307560.31 | 0.00 | 0.00 | 307560.31 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 308932.74 | 0.00 | 157.86 | 308932.74 | 0.00 | 157.86 |

b) Withdrawals by Source - All facilities

| Water- Use Categ. | ST. LAWRENCE RIVER | | | TOTAL | | |
|-------------------------|--------------------|-----------|-------|-----------|-----------|-------|
| | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 602.84 | 497.17 | 0.00 | 602.84 | 497.17 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 71.59 | 0.00 | 0.00 | 71.59 |
| 4 | 0.00 | 0.00 | 9.22 | 0.00 | 0.00 | 9.22 |
| 5 | 0.00 | 0.00 | 19.10 | 0.00 | 0.00 | 19.10 |
| 6 | 0.00 | 125.48 | 0.00 | 0.00 | 125.48 | 0.00 |
| 7 | 39.10 | 7.93 | 0.00 | 39.10 | 7.93 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 181226.63 | 126333.68 | 0.00 | 181226.63 | 126333.68 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 181868.57 | 126964.26 | 99.91 | 181868.57 | 126964.26 | 99.91 |

c) Diversions by Type - All facilities

| Water- Use Categ. | ST. LAWRENCE RIVER | | TOTAL | |
|-------------------------|--------------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 99.5% Measured
Level of Aggregation of Withdrawal Data Source: 100% Site-specific

.4% Partially Measured .1% Calculated or Estimated

DATE: 10/09/96

a) Withdrawals, Diversions and Consumptive Use - Principal facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water- Use Categ. | ST. LAWRENCE RIVER | | | TOTAL | | |
|-------------------------|--------------------|--------|---------|-----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 1096.05 | 0.00 | 109.63 | 1096.05 | 0.00 | 109.63 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 48.61 | 0.00 | 4.76 | 48.61 | 0.00 | 4.76 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 124.95 | 0.00 | 12.50 | 124.95 | 0.00 | 12.50 |
| 7 | 47.02 | 0.00 | 4.70 | 47.02 | 0.00 | 4.70 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 307560.31 | 0.00 | 0.00 | 307560.31 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 308876.94 | 0.00 | 131.58 | 308876.94 | 0.00 | 131.58 |

b) Withdrawals by Source - Principal facilities

| Water- Use Categ. | ST. LAWRENCE RIVER | | | TOTAL | | |
|-------------------------|--------------------|-----------|-------|-----------|-----------|-------|
| | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 602.58 | 493.47 | 0.00 | 602.58 | 493.47 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 48.61 | 0.00 | 0.00 | 48.61 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 124.95 | 0.00 | 0.00 | 124.95 | 0.00 |
| 7 | 39.10 | 7.93 | 0.00 | 39.10 | 7.93 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 181226.63 | 126333.68 | 0.00 | 181226.63 | 126333.68 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 181868.31 | 126960.03 | 48.61 | 181868.31 | 126960.03 | 48.61 |

c) Diversions by Type - Principal facilities

| Water- Use Categ. | ST. LAWRENCE RIVER | | TOTAL | |
|-------------------------|--------------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 99.5% Measured .4% Partially Measured .1% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 100% Site-specific

JURISDICTION REPORT - Wisconsin

DATE: 03/25/97

a) Withdrawals, Diversions and Consumptive Use - All facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water- Use Categ. | LAKE SUPERIOR | | | LAKE MICHIGAN | | | TOTAL | | |
|-------------------------|---------------|--------|---------|---------------|--------|---------|----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 5.40 | 0.00 | 0.81 | 345.10 | 0.19 | 51.71 | 350.50 | 0.19 | 52.52 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 3.48 | 0.00 | 0.52 | 27.70 | 0.00 | 4.10 | 31.18 | 0.00 | 4.62 |
| 4 | 0.00 | 0.00 | 0.00 | 537.50 | 0.00 | 376.25 | 537.50 | 0.00 | 376.25 |
| 5 | 0.00 | 0.00 | 0.00 | 0.66 | 0.00 | 0.53 | 0.66 | 0.00 | 0.53 |
| 6 | 0.04 | 0.00 | 0.00 | 321.47 | 0.00 | 48.13 | 321.51 | 0.00 | 48.13 |
| 7 | 22.10 | 0.00 | 0.00 | 1231.91 | 0.00 | 12.32 | 1254.01 | 0.00 | 12.32 |
| 8 | 0.00 | 0.00 | 0.00 | 4943.93 | 0.00 | 49.44 | 4943.93 | 0.00 | 49.44 |
| 9 | 147.23 | 0.00 | 0.00 | 4309.74 | 0.00 | 0.00 | 4456.97 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 178.25 | 0.00 | 1.33 | 11718.01 | 0.19 | 542.48 | 11896.26 | 0.19 | 543.81 |

b) Withdrawals by Source - All facilities

| Water- Use Categ. | LAKE SUPERIOR | | | LAKE MICHIGAN | | | TOTAL | | |
|-------------------------|---------------|--------|------|---------------|---------|--------|---------|---------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 5.40 | 0.00 | 0.00 | 236.68 | 24.92 | 83.50 | 242.08 | 24.92 | 83.50 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 3.48 | 0.00 | 0.00 | 27.70 | 0.00 | 0.00 | 31.18 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 537.50 | 0.00 | 0.00 | 537.50 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.66 | 0.00 | 0.00 | 0.66 |
| 6 | 0.00 | 0.00 | 0.04 | 1.61 | 307.32 | 12.54 | 1.61 | 307.32 | 12.58 |
| 7 | 22.10 | 0.00 | 0.00 | 1225.89 | 5.52 | 0.50 | 1247.99 | 5.52 | 0.50 |
| 8 | 0.00 | 0.00 | 0.00 | 4943.93 | 0.00 | 0.00 | 4943.93 | 0.00 | 0.00 |
| 9 | 0.00 | 147.23 | 0.00 | 0.00 | 4309.74 | 0.00 | 0.00 | 4456.97 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 27.50 | 147.23 | 3.52 | 6408.11 | 4647.50 | 662.40 | 6435.61 | 4794.73 | 665.92 |

c) Diversions by Type - All facilities

| Water- Use Categ. | LAKE SUPERIOR | | LAKE MICHIGAN | | TOTAL | |
|-------------------------|---------------|------------|---------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.19 | 0.00 | 0.19 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.19 | 0.00 | 0.19 |

Level of Accuracy of Withdrawal Data: 100% Calculated or Estimated
Level of Aggregation of Withdrawal Data Source: 100% Aggregated

JURISDICTION REPORT - Wisconsin

DATE: 03/25/97

a) Withdrawals, Diversions and Consumptive Use - Principal facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water-Use Categ. | LAKE SUPERIOR | | | LAKE MICHIGAN | | | TOTAL | | |
|---------------------|---------------|--------|---------|---------------|--------|---------|----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 4.64 | 0.00 | 0.70 | 345.08 | 0.19 | 51.70 | 349.72 | 0.19 | 52.40 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 11.02 | 0.00 | 7.71 | 11.02 | 0.00 | 7.71 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.04 | 0.00 | 0.00 | 316.45 | 0.00 | 47.49 | 316.49 | 0.00 | 47.49 |
| 7 | 20.67 | 0.00 | 0.00 | 1218.42 | 0.00 | 12.18 | 1239.09 | 0.00 | 12.18 |
| 8 | 0.00 | 0.00 | 0.00 | 4943.93 | 0.00 | 49.44 | 4943.93 | 0.00 | 49.44 |
| 9 | 147.23 | 0.00 | 0.00 | 4309.74 | 0.00 | 0.00 | 4456.97 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 172.58 | 0.00 | 0.70 | 11144.64 | 0.19 | 168.52 | 11317.22 | 0.19 | 169.22 |

b) Withdrawals by Source - Principal facilities

| Water-Use Categ. | LAKE SUPERIOR | | | LAKE MICHIGAN | | | TOTAL | | |
|---------------------|---------------|--------|------|---------------|---------|--------|---------|---------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 4.64 | 0.00 | 0.00 | 236.68 | 24.90 | 83.50 | 241.32 | 24.90 | 83.50 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.02 | 0.00 | 0.00 | 11.02 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.04 | 1.61 | 302.30 | 12.54 | 1.61 | 302.30 | 12.58 |
| 7 | 20.67 | 0.00 | 0.00 | 1212.90 | 5.52 | 0.00 | 1233.57 | 5.52 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 4943.93 | 0.00 | 0.00 | 4943.93 | 0.00 | 0.00 |
| 9 | 0.00 | 147.23 | 0.00 | 0.00 | 4309.74 | 0.00 | 0.00 | 4456.97 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 25.31 | 147.23 | 0.04 | 6395.12 | 4642.46 | 107.06 | 6420.43 | 4789.69 | 107.10 |

c) Diversions by Type - Principal facilities

| Water-Use Categ. | LAKE SUPERIOR | | LAKE MICHIGAN | | TOTAL | |
|---------------------|---------------|------------|---------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.19 | 0.00 | 0.19 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.19 | 0.00 | 0.19 |

Level of Accuracy of Withdrawal Data: 100% Calculated or Estimated
Level of Aggregation of Withdrawal Data Source: 100% Aggregated

BASIN REPORT - Lake Superior

DATE: 05/06/97

a) Withdrawals, Diversions and Consumptive Use - All Facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water-Use Categ. | MICHIGAN* | | | MINNESOTA | | | ONTARIO | | | WISCONSIN | | | TOTAL | | |
|------------------|-----------|--------|---------|-----------|--------|---------|----------|----------|---------|-----------|--------|---------|----------|----------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 0.00 | 0.00 | 0.00 | 43.16 | 0.00 | 9.06 | 21.04 | 0.00 | 3.16 | 5.40 | 0.00 | 0.81 | 69.60 | 0.00 | 13.03 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 4.08 | 0.00 | 0.33 | 1.72 | 0.00 | 0.26 | 3.48 | 0.00 | 0.52 | 9.28 | 0.00 | 1.11 |
| 4 | 0.00 | 0.00 | 0.00 | 0.23 | 0.00 | 0.21 | 0.20 | 0.00 | 0.15 | 0.00 | 0.00 | 0.00 | 0.43 | 0.00 | 0.36 |
| 5 | 0.00 | 0.00 | 0.00 | 0.24 | 0.00 | 0.00 | 0.33 | 0.00 | 0.27 | 0.00 | 0.00 | 0.00 | 0.57 | 0.00 | 0.27 |
| 6 | 0.00 | 0.00 | 0.00 | 238.09 | 0.00 | 50.00 | 185.16 | 0.00 | 18.52 | 0.04 | 0.00 | 0.00 | 423.29 | 0.00 | 68.52 |
| 7 | 260.77 | 0.00 | 3.39 | 146.40 | 0.00 | 2.93 | 199.03 | 0.00 | 1.95 | 22.10 | 0.00 | 0.00 | 628.30 | 0.00 | 8.27 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 4598.00 | 0.00 | 0.00 | 39641.11 | -3979.03 | 0.00 | 147.23 | 0.00 | 0.00 | 44386.34 | -3979.03 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 0.00 | 0.00 |
| Total | 260.77 | 0.00 | 3.39 | 5030.35 | 0.00 | 62.53 | 40048.59 | -3979.03 | 24.30 | 178.25 | 0.00 | 1.33 | 45517.96 | -3979.03 | 91.55 |

b) Withdrawals by Source - All Facilities

| Water-Use Categ. | MICHIGAN* | | | MINNESOTA | | | ONTARIO | | | WISCONSIN | | | TOTAL | | |
|------------------|-----------|------|------|-----------|---------|------|---------|----------|------|-----------|--------|------|--------|----------|-------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 0.00 | 0.00 | 0.00 | 33.39 | 4.80 | 4.97 | 16.48 | 2.62 | 1.94 | 5.40 | 0.00 | 0.00 | 55.27 | 7.42 | 6.91 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 1.95 | 2.12 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.95 | 2.12 | 5.21 |
| 4 | 0.00 | 0.00 | 0.00 | 0.01 | 0.21 | 0.01 | 0.00 | 0.14 | 0.06 | 0.00 | 0.00 | 0.00 | 0.01 | 0.35 | 0.07 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.21 | 0.00 | 0.00 | 0.33 | 0.00 | 0.00 | 0.00 | 0.01 | 0.35 | 0.07 |
| 6 | 0.00 | 0.00 | 0.00 | 152.54 | 85.46 | 0.09 | 172.00 | 10.91 | 2.25 | 0.00 | 0.00 | 0.00 | 324.54 | 96.37 | 2.38 |
| 7 | 260.77 | 0.00 | 0.00 | 0.74 | 145.64 | 0.02 | 199.03 | 0.00 | 0.00 | 22.10 | 0.00 | 0.00 | 482.64 | 145.64 | 0.02 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 4598.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 0.00 | 39641.11 | 0.00 | 0.00 | 147.23 | 0.00 | 0.00 | 44386.34 | 0.00 |
| Total | 260.77 | 0.00 | 0.00 | 188.63 | 4836.26 | 5.46 | 387.51 | 39654.77 | 6.30 | 27.50 | 147.23 | 3.52 | 864.41 | 44638.26 | 15.28 |

c) Diversions by Type - All Facilities

| Water-Use Categ. | MICHIGAN* | | MINNESOTA | | ONTARIO | | WISCONSIN | | TOTAL | |
|------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3979.03 | 0.00 | 0.00 | 0.00 | -3979.03 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3979.03 | 0.00 | 0.00 | 0.00 | -3979.03 |

Level of Accuracy of Withdrawal Data: 39% Measured 23% Partially Measured 28% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 63% Site-specific 28% Aggregated
 * The State of Michigan was unable to report by sub-basin for most categories of use.

BASIN REPORT - Lake Superior

DATE: 05/06/97

a) Withdrawals, Diversions and Consumptive Use - Principal Facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water-Use Categ. | MICHIGAN* | | | MINNESOTA | | | ONTARIO** | | | WISCONSIN | | | TOTAL | | |
|---------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 0.00 | 0.00 | 0.00 | 47.09 | 0.00 | 9.89 | 0.00 | 0.00 | 0.00 | 4.64 | 0.00 | 0.70 | 51.73 | 0.00 | 10.59 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 2.09 | 0.00 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.09 | 0.00 | 0.17 |
| 4 | 0.00 | 0.00 | 0.00 | 0.19 | 0.00 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 0.00 | 0.17 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 237.68 | 0.00 | 108.66 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 | 237.72 | 0.00 | 108.66 |
| 7 | 0.00 | 0.00 | 0.00 | 146.23 | 0.00 | 2.93 | 0.00 | 0.00 | 0.00 | 20.67 | 0.00 | 0.00 | 166.90 | 0.00 | 2.93 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 4598.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 147.23 | 0.00 | 0.00 | 4745.23 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 5031.28 | 0.00 | 121.82 | 0.00 | 0.00 | 0.00 | 172.58 | 0.00 | 0.70 | 5203.86 | 0.00 | 122.52 |

b) Withdrawals by Source - Principal Facilities

| Water-Use Categ. | MICHIGAN* | | | MINNESOTA | | | ONTARIO** | | | WISCONSIN | | | TOTAL | | |
|---------------------|-----------|------|------|-----------|---------|------|-----------|------|------|-----------|--------|------|--------|---------|------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 0.00 | 0.00 | 0.00 | 33.36 | 9.24 | 4.49 | 0.00 | 0.00 | 0.00 | 4.64 | 0.00 | 0.00 | 38.00 | 9.24 | 4.49 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 1.95 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.95 | 0.14 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 152.54 | 85.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 152.54 | 85.14 | 0.04 |
| 7 | 0.00 | 0.00 | 0.00 | 0.74 | 145.49 | 0.00 | 0.00 | 0.00 | 0.00 | 20.67 | 0.00 | 0.00 | 21.41 | 145.49 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 4598.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 147.23 | 0.00 | 0.00 | 4745.23 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 188.59 | 4838.20 | 4.49 | 0.00 | 0.00 | 0.00 | 25.31 | 147.23 | 0.04 | 213.90 | 4985.43 | 4.53 |

c) Diversions by Type - Principal Facilities

| Water-Use Categ. | MICHIGAN* | | MINNESOTA | | ONTARIO** | | WISCONSIN | | TOTAL | |
|---------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 39% Measured 23% Partially Measured 28% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 63% Site-specific 28% Aggregated

* The State of Michigan was unable to report by sub-basin for most categories of use. **Ontario did not report its Principal Facilities withdrawals for 1993.

BASIN REPORT - Lake Michigan

DATE: 02/05/97

a) Withdrawals, Diversions and Consumptive Use - All Facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water-Use Categ. | ILLINOIS | | | INDIANA | | | MICHIGAN* | | | WISCONSIN | | | TOTAL | | |
|---------------------|----------|---------|---------|---------|--------|---------|-----------|--------|---------|-----------|--------|---------|----------|---------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 1140.28 | 1140.28 | 0.00 | 142.52 | -2.16 | 21.37 | 0.00 | 0.00 | 0.00 | 345.10 | 0.00 | 51.71 | 1627.90 | 1138.12 | 73.08 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 18.05 | 3.68 | 0.00 | 46.00 | 0.00 | 6.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 19.31 | 0.00 | 17.37 | 0.00 | 0.00 | 0.00 | 27.70 | 0.00 | 4.10 | 91.75 | 3.68 | 11.00 |
| 5 | 0.00 | 0.00 | 0.00 | 7.30 | 0.00 | 5.85 | 0.00 | 0.00 | 0.00 | 537.50 | 0.00 | 376.25 | 556.81 | 0.00 | 393.62 |
| 6 | 13.18 | 2.68 | 2.06 | 1649.85 | 0.00 | 98.99 | 0.00 | 0.00 | 0.00 | 0.66 | 0.00 | 0.53 | 7.96 | 0.00 | 6.38 |
| 7 | 958.90 | 0.00 | 0.00 | 1032.32 | 0.00 | 20.65 | 1091.72 | 0.00 | 0.00 | 321.47 | 0.00 | 48.13 | 1984.50 | 2.68 | 149.18 |
| 8 | 1726.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2161.29 | 0.00 | 14.20 | 1231.91 | 0.00 | 12.32 | 4314.85 | 0.00 | 47.17 |
| 9 | 0.00 | 0.00 | 0.00 | 2362.07 | 0.00 | 0.00 | 0.00 | 0.00 | 28.10 | 4943.93 | 0.00 | 49.44 | 8831.33 | 0.00 | 77.54 |
| 10 | 335.15 | 335.15 | 0.00 | 0.21 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 4309.74 | 0.00 | 0.00 | 6671.81 | 0.00 | 0.00 |
| Total | 4191.67 | 1481.79 | 2.06 | 5259.58 | -2.16 | 171.16 | 3253.01 | 0.00 | 42.30 | 11718.01 | 0.00 | 542.48 | 24422.27 | 1479.63 | 758.00 |

b) Withdrawals by Source - All Facilities

| Water-Use Categ. | ILLINOIS | | | INDIANA | | | MICHIGAN* | | | WISCONSIN | | | TOTAL | | |
|---------------------|----------|------|------|---------|---------|--------|-----------|--------|------|-----------|---------|--------|----------|---------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 1140.28 | 0.00 | 0.00 | 89.63 | 0.00 | 52.89 | 0.00 | 0.00 | 0.00 | 236.68 | 24.92 | 83.50 | 1466.59 | 24.92 | 136.39 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 17.94 | 0.02 | 0.09 | 0.00 | 19.81 | 26.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 5.07 | 14.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 19.83 | 53.98 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 1.93 | 5.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 537.50 | 0.00 | 5.07 | 551.74 |
| 6 | 13.18 | 0.00 | 0.00 | 1618.19 | 8.09 | 23.57 | 0.00 | 0.00 | 0.00 | 0.66 | 0.00 | 0.00 | 0.00 | 1.93 | 6.03 |
| 7 | 958.90 | 0.00 | 0.00 | 1032.32 | 0.00 | 0.00 | 965.00 | 124.44 | 2.28 | 1.61 | 307.32 | 12.54 | 1632.98 | 315.41 | 36.11 |
| 8 | 1726.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2161.29 | 0.00 | 0.00 | 1225.89 | 5.52 | 0.50 | 4182.11 | 129.96 | 2.78 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 2362.07 | 0.00 | 0.00 | 0.00 | 0.00 | 4943.93 | 0.00 | 0.00 | 8831.33 | 0.00 | 0.00 |
| 10 | 335.15 | 0.00 | 0.00 | 0.00 | 0.06 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 4309.74 | 0.00 | 0.00 | 6671.81 | 0.00 |
| Total | 4191.56 | 0.02 | 0.09 | 2740.14 | 2397.03 | 122.41 | 3126.29 | 124.44 | 2.28 | 6408.11 | 4647.50 | 662.40 | 16466.10 | 7168.99 | 787.18 |

c) Diversions by Type - All Facilities

| Water-Use Categ. | ILLINOIS | | INDIANA | | MICHIGAN* | | WISCONSIN | | TOTAL | |
|---------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 1140.28 | 0.00 | -2.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1138.12 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 3.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.68 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 2.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.68 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 335.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 1481.79 | 0.00 | -2.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1479.63 |

* The state of Michigan was unable to report by sub-basin for most categories of use.
 Level of Accuracy of Withdrawal Data: 44% Measured 5% Partially Measured 41% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 60% Site-specific 30% Aggregated

a) Withdrawals, Diversions and Consumptive Use - Principal Facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water-Use Categ. | ILLINOIS | | | INDIANA | | | MICHIGAN* | | | WISCONSIN | | | TOTAL | | |
|---------------------|----------|---------|---------|---------|--------|---------|-----------|--------|---------|-----------|--------|---------|----------|---------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 1140.28 | 1140.28 | 0.00 | 141.94 | 0.00 | 21.29 | 0.00 | 0.00 | 0.00 | 345.08 | 0.28 | 51.70 | 1627.30 | 1140.56 | 72.99 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 17.94 | 3.00 | 0.68 | 26.69 | 0.00 | 4.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 18.04 | 0.00 | 16.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 44.63 | 3.00 | 4.68 |
| 5 | 0.00 | 0.00 | 0.00 | 3.05 | 0.00 | 2.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.71 | 29.06 | 0.00 | 23.94 |
| 6 | 15.18 | 2.68 | 2.05 | 1647.88 | 0.00 | 98.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.05 | 0.00 | 2.45 |
| 7 | 958.90 | 0.00 | 0.00 | 1032.32 | 0.00 | 20.65 | 0.00 | 0.00 | 0.00 | 316.45 | 0.00 | 47.49 | 1979.51 | 2.68 | 148.41 |
| 8 | 1726.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1218.42 | 0.00 | 12.18 | 3209.64 | 0.00 | 32.83 |
| 9 | 0.00 | 0.00 | 0.00 | 2362.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4943.93 | 0.00 | 49.44 | 6670.04 | 0.00 | 49.44 |
| 10 | 335.15 | 335.15 | 0.00 | 0.09 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 4309.74 | 0.00 | 0.00 | 6671.81 | 0.00 | 0.00 |
| Total | 4193.56 | 1481.11 | 2.73 | 5232.08 | 0.00 | 163.51 | 0.00 | 0.00 | 0.00 | 11144.64 | 0.28 | 168.52 | 20570.28 | 1481.39 | 334.76 |

b) Withdrawals by Source - Principal Facilities

| Water-Use Categ. | ILLINOIS | | | INDIANA | | | MICHIGAN* | | | WISCONSIN | | | TOTAL | | |
|---------------------|----------|------|------|---------|---------|-------|-----------|------|------|-----------|---------|--------|----------|---------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 1140.28 | 0.00 | 0.00 | 89.63 | 0.00 | 52.31 | 0.00 | 0.00 | 0.00 | 236.68 | 24.90 | 83.50 | 1466.59 | 24.90 | 135.81 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 17.94 | 0.00 | 0.00 | 0.00 | 19.80 | 6.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 17.94 | 19.80 | 6.89 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 4.55 | 13.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.55 | 24.51 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 1.93 | 1.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.93 | 1.12 |
| 6 | 15.18 | 0.00 | 0.00 | 1618.19 | 8.08 | 21.61 | 0.00 | 0.00 | 0.00 | 1.61 | 302.30 | 12.54 | 1634.98 | 310.38 | 34.15 |
| 7 | 958.90 | 0.00 | 0.00 | 1032.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1212.90 | 5.52 | 0.00 | 3204.12 | 5.52 | 0.00 |
| 8 | 1726.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4943.93 | 0.00 | 0.00 | 6670.04 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 2362.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4309.74 | 0.00 | 6671.81 | 0.00 | 0.00 |
| 10 | 335.15 | 0.00 | 0.00 | 0.00 | 0.05 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 335.15 | 0.05 | 0.04 |
| Total | 4193.56 | 0.00 | 0.00 | 2740.14 | 2396.48 | 95.46 | 0.00 | 0.00 | 0.00 | 6395.12 | 4642.46 | 107.06 | 13328.82 | 7038.94 | 202.52 |

c) Diversions by Type - Principal Facilities

| Water-Use Categ. | ILLINOIS | | INDIANA | | MICHIGAN* | | WISCONSIN | | TOTAL | |
|---------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 1140.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.28 | 0.00 | 1140.56 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 2.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.68 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 335.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 335.15 |
| Total | 0.00 | 1481.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.28 | 0.00 | 1481.39 |

* The state of Michigan was unable to report by sub-basin for most categories of use.
 Level of Accuracy of Withdrawal Data: 44% Measured 5% Partially Measured 41% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 60% Site-specific 30% Aggregated

BASIN REPORT - Lake Huron

DATE: 05/06/97

a) Withdrawals, Diversions and Consumptive Use - All Facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water- Use Categ. | MICHIGAN* | | | ONTARIO | | | TOTAL | | |
|-------------------------|-----------|--------|---------|----------|--------|---------|----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 0.00 | 0.00 | 0.00 | 150.87 | 45.28 | 22.63 | 150.87 | 45.28 | 22.63 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 30.57 | 0.00 | 4.59 | 30.57 | 0.00 | 4.59 |
| 4 | 0.00 | 0.00 | 0.00 | 26.98 | 0.00 | 21.05 | 26.98 | 0.00 | 21.05 |
| 5 | 0.00 | 0.00 | 0.00 | 17.10 | 0.00 | 13.68 | 17.10 | 0.00 | 13.68 |
| 6 | 0.00 | 0.00 | 0.00 | 815.53 | 0.00 | 81.55 | 815.53 | 0.00 | 81.55 |
| 7 | 652.47 | 0.00 | 8.48 | 0.00 | 0.00 | 0.00 | 652.47 | 0.00 | 8.48 |
| 8 | 0.00 | 0.00 | 0.00 | 5971.02 | 0.00 | 0.00 | 5971.02 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 36294.08 | 0.00 | 0.00 | 36294.08 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 39.19 | 0.00 | 0.00 | 39.19 | 0.00 | 0.00 |
| Total | 652.47 | 0.00 | 8.48 | 43345.35 | 45.28 | 143.49 | 43997.82 | 45.28 | 151.97 |

b) Withdrawals by Source - All Facilities

| Water- Use Categ. | MICHIGAN* | | | ONTARIO | | | TOTAL | | |
|-------------------------|-----------|------|------|----------|----------|--------|----------|----------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 0.00 | 0.00 | 0.00 | 65.68 | 38.68 | 46.51 | 65.68 | 38.68 | 46.51 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 30.57 | 0.00 | 0.00 | 30.57 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 20.47 | 6.52 | 0.00 | 20.47 | 6.52 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 17.10 | 0.00 | 0.00 | 17.10 |
| 6 | 0.00 | 0.00 | 0.00 | 722.78 | 79.60 | 13.16 | 722.78 | 79.60 | 13.16 |
| 7 | 652.44 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 652.44 | 0.03 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 5971.02 | 0.00 | 0.00 | 5971.02 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 22846.33 | 13447.75 | 0.00 | 22846.33 | 13447.75 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 39.19 | 0.00 | 0.00 | 39.19 | 0.00 |
| Total | 652.44 | 0.03 | 0.00 | 29605.80 | 13625.69 | 113.85 | 30258.24 | 13625.72 | 113.85 |

c) Diversions by Type - All Facilities

| Water- Use Categ. | MICHIGAN* | | ONTARIO | | TOTAL | |
|-------------------------|------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 45.28 | 0.00 | 45.28 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 45.28 | 0.00 | 45.28 | 0.00 |

Level of Accuracy of Withdrawal Data: 43% Measured 45% Partially Measured 2% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 90% Site-specific 0% Aggregated
 * The State of Michigan was unable to report by sub-basin for most categories of use.

a) Withdrawals, Diversions and Consumptive Use - Principal Facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water- Use Categ. | MICHIGAN* | | | ONTARIO** | | | TOTAL | | |
|-------------------------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

b) Withdrawals by Source - Principal Facilities

| Water- Use Categ. | MICHIGAN* | | | ONTARIO** | | | TOTAL | | |
|-------------------------|-----------|------|------|-----------|------|------|-------|------|------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

c) Diversions by Type - Principal Facilities

| Water- Use Categ. | MICHIGAN* | | ONTARIO** | | TOTAL | |
|-------------------------|------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 43% Measured 45% Partially Measured 2% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 90% Site-specific 0% Aggregated
 * The State of Michigan was unable to report by sub-basin for most categories of use. ** Ontario did not report its Principal Facility withdrawals for 1993.

BASIN REPORT - Lake Erie

a) Withdrawals, Diversions and Consumptive Use - All Facilities

DATE: 05/06/97

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water- Use Categ. | INDIANA | | | MICHIGAN* | | | NEW YORK | | | OHIO | | | ONTARIO | | | PENNSYLVANIA | | | TOTAL | | | |
|-------------------------|---------|--------|---------|-----------|--------|---------|----------|--------|---------|---------|--------|---------|---------|---------|---------|--------------|--------|---------|----------|---------|---------|-------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | |
| 1 | 39.07 | 0.00 | 5.86 | 0.00 | 0.00 | 0.00 | 206.00 | 0.00 | 20.60 | 599.87 | 0.22 | 89.98 | 205.20 | -45.28 | 30.74 | 44.21 | 0.00 | 4.43 | 1094.35 | -45.06 | 151.61 | |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3 | 5.56 | 0.00 | 0.83 | 0.00 | 0.00 | 0.00 | 78.00 | 0.00 | 7.80 | 59.70 | 0.00 | 8.96 | 30.42 | 0.00 | 4.56 | 1.97 | 0.00 | 0.20 | 175.65 | 0.00 | 22.35 | |
| 4 | 1.30 | 0.00 | 1.17 | 0.00 | 0.00 | 0.00 | 1.60 | 0.00 | 1.42 | 11.09 | 0.00 | 9.97 | 126.12 | 0.00 | 98.37 | 0.35 | 0.00 | 0.32 | 140.46 | 0.00 | 111.25 | |
| 5 | 1.94 | 0.00 | 1.55 | 0.00 | 0.00 | 0.00 | 1.40 | 0.00 | 1.10 | 13.13 | 0.00 | 10.50 | 17.36 | 0.00 | 13.89 | 0.00 | 0.00 | 0.00 | 33.83 | 0.00 | 27.04 | |
| 6 | 10.36 | 0.00 | 0.63 | 0.00 | 0.00 | 0.00 | 58.40 | 0.00 | 5.80 | 205.26 | 0.00 | 20.52 | 524.57 | 0.00 | 52.46 | 39.60 | 0.00 | 0.00 | 8.04 | 838.19 | 0.00 | 87.45 |
| 7 | 0.27 | 0.00 | 0.01 | 4221.04 | 0.00 | 54.87 | 437.00 | 0.00 | 1.00 | 2348.65 | 0.00 | 0.08 | 1469.23 | 0.00 | 13.22 | 0.00 | 0.00 | 0.00 | 0.00 | 8476.19 | 0.00 | 69.18 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 118.51 | 0.00 | 20.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 118.51 | 0.00 | 20.15 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 560.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3706.38 | 3706.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4266.38 | 3706.38 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.20 | -12.60 | 0.00 | 657.66 | 657.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 662.86 | 645.06 | 0.00 |
| Total | 58.50 | 0.00 | 10.05 | 4221.04 | 0.00 | 54.87 | 1342.40 | 0.00 | 37.72 | 3361.41 | -12.38 | 160.16 | 6736.95 | 4318.77 | 213.24 | 86.13 | 0.00 | 12.99 | 15806.43 | 4306.39 | 489.03 | |

b) Withdrawals by Source - All Facilities

| Water- Use Categ. | INDIANA | | | MICHIGAN* | | | NEW YORK | | | OHIO | | | ONTARIO | | | PENNSYLVANIA | | | TOTAL | | |
|-------------------------|---------|-------|-------|-----------|------|------|----------|-------|-------|---------|--------|--------|---------|---------|--------|--------------|------|------|----------|---------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 0.00 | 31.97 | 7.10 | 0.00 | 0.00 | 0.00 | 160.00 | 46.00 | 0.00 | 449.37 | 115.61 | 34.89 | 108.64 | 19.18 | 77.38 | 40.60 | 1.55 | 2.06 | 758.61 | 214.31 | 121.43 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.03 | 5.53 | 0.00 | 0.00 | 0.00 | 10.00 | 10.00 | 58.00 | 0.00 | 0.00 | 59.70 | 0.00 | 0.00 | 30.42 | 0.00 | 0.00 | 1.97 | 10.00 | 10.03 | 155.62 |
| 4 | 0.00 | 0.31 | 0.99 | 0.00 | 0.00 | 0.00 | 1.20 | 0.00 | 0.40 | 0.12 | 8.86 | 2.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.97 | 10.00 | 10.03 | 155.62 |
| 5 | 0.00 | 0.00 | 1.94 | 0.00 | 0.00 | 0.00 | 1.20 | 0.00 | 0.40 | 0.12 | 8.86 | 2.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.97 | 10.00 | 10.03 | 155.62 |
| 6 | 0.00 | 8.28 | 2.08 | 0.00 | 0.00 | 0.00 | 0.50 | 0.00 | 0.90 | 0.00 | 2.30 | 10.83 | 0.00 | 92.89 | 33.23 | 0.00 | 0.29 | 0.06 | 1.32 | 102.35 | 36.79 |
| 7 | 0.00 | 0.00 | 0.27 | 4220.95 | 0.09 | 0.00 | 55.00 | 0.00 | 3.40 | 18.31 | 151.51 | 35.44 | 487.72 | 27.29 | 17.36 | 0.00 | 0.00 | 0.00 | 0.50 | 2.30 | 31.03 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 437.00 | 0.00 | 0.00 | 2309.49 | 39.16 | 0.00 | 1469.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.20 | 599.62 | 187.89 | 50.68 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 118.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8436.67 | 39.25 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 560.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3706.38 | 3706.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 118.51 | 0.00 |
| Total | 0.00 | 40.59 | 17.91 | 4220.95 | 0.09 | 0.00 | 1223.70 | 56.00 | 62.70 | 2897.11 | 321.17 | 143.13 | 6429.63 | 139.36 | 167.95 | 79.19 | 2.65 | 4.29 | 14850.58 | 559.86 | 395.98 |

c) Diversions by Type - All Facilities

| Water- Use Categ. | INDIANA | | MICHIGAN* | | NEW YORK | | OHIO | | ONTARIO | | PENNSYLVANIA | | TOTAL | |
|-------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | -45.28 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3706.38 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -12.38 | 657.66 | 0.00 | 0.00 | 0.00 | 0.00 | |

Level of Accuracy of Withdrawal Data: 19% Measured 34% Partially Measured 37% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 60% Site-specific 30% Aggregated
 * The State of Michigan was unable to report by sub-basin for most categories of use.

a) Withdrawals, Diversions and Consumptive Use - Principal Facilities

DATE: 05/06/97

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water- Use Categ. | INDIANA | | | MICHIGAN* | | | NEW YORK | | | OHIO | | | ONTARIO** | | | PENNSYLVANIA | | | TOTAL | | |
|-------------------------|---------|--------|---------|-----------|--------|---------|----------|--------|---------|---------|--------|---------|-----------|--------|---------|--------------|--------|---------|---------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 38.63 | 0.00 | 5.79 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 594.11 | 0.22 | 89.12 | 0.00 | 0.00 | 0.00 | 43.68 | 0.00 | 4.37 | 676.42 | 0.22 | 99.28 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 1.02 | 0.00 | 0.91 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.86 | 0.00 | 5.05 | 0.00 | 0.00 | 0.00 | 0.33 | 0.00 | 0.30 | 6.95 | 0.00 | 0.00 |
| 6 | 9.97 | 0.00 | 0.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 203.68 | 0.00 | 0.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.86 | 0.00 | 6.26 |
| 7 | 0.27 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 437.00 | 0.00 | 0.00 | 2348.65 | 0.00 | 20.37 | 0.00 | 0.00 | 0.00 | 39.44 | 0.00 | 8.00 | 253.09 | 0.00 | 0.69 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 118.51 | 0.00 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2785.92 | 0.00 | 28.96 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 560.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 118.51 | 0.00 | 0.09 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.87 | -12.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 560.00 | 0.00 | 20.15 |
| Total | 49.92 | 0.00 | 7.30 | 0.00 | 0.00 | 0.00 | 997.00 | 0.00 | 0.00 | 3276.28 | -12.38 | 135.46 | 0.00 | 0.00 | 0.00 | 83.45 | 0.00 | 12.67 | 4406.65 | -12.38 | 155.43 |

b) Withdrawals by Source - Principal Facilities

| Water- Use Categ. | INDIANA | | | MICHIGAN* | | | NEW YORK | | | OHIO | | | ONTARIO** | | | PENNSYLVANIA | | | TOTAL | | |
|-------------------------|---------|-------|------|-----------|------|------|----------|------|------|---------|--------|-------|-----------|------|------|--------------|------|------|---------|--------|-------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 0.00 | 31.96 | 6.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 449.24 | 115.25 | 29.62 | 0.00 | 0.00 | 0.00 | 40.60 | 1.55 | 1.53 | 489.84 | 148.76 | 37.82 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.15 | 0.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.75 | 0.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.00 |
| 6 | 0.00 | 8.24 | 1.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.27 | 0.06 | 0.00 | 0.00 | 5.17 | 1.78 |
| 7 | 0.00 | 0.00 | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 18.28 | 151.21 | 34.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 437.00 | 0.00 | 0.00 | 2309.49 | 39.16 | 0.00 | 0.00 | 0.00 | 0.00 | 38.59 | 0.78 | 0.07 | 56.87 | 160.23 | 35.99 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 118.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2746.49 | 39.16 | 0.27 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 560.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 118.51 | 0.00 | 0.00 |
| Total | 0.00 | 40.38 | 9.54 | 0.00 | 0.00 | 0.00 | 997.00 | 0.00 | 0.00 | 2896.83 | 314.51 | 64.94 | 0.00 | 0.00 | 0.00 | 79.19 | 2.60 | 1.66 | 3973.02 | 357.49 | 76.14 |

c) Diversions by Type - Principal Facilities

| Water- Use Categ. | INDIANA | | MICHIGAN* | | NEW YORK | | OHIO | | ONTARIO** | | PENNSYLVANIA | | TOTAL | |
|-------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.22 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -12.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -12.38 |

Level of Accuracy of Withdrawal Data: 19% Measured 34% Partially Measured 37% Calculated or Estimated
Level of Aggregation of Withdrawal Data Source: 60% Site-specific 30% Aggregated

* The State of Michigan was unable to report by sub-basin for most categories of use. ** Ontario did not report its Principal Facility withdrawals for 1993.

BASIN REPORT - Lake Ontario

DATE: 05/06/97

a) Withdrawals, Diversions and Consumptive Use - All Facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water-Use Categ. | NEW YORK | | | ONTARIO | | | PENNSYLVANIA | | | TOTAL | | |
|------------------|-----------|--------|---------|----------|----------|---------|--------------|--------|---------|-----------|----------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 266.00 | 0.00 | 26.60 | 833.85 | 0.00 | 125.08 | 0.12 | 0.00 | 0.01 | 1099.97 | 0.00 | 151.69 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 290.00 | 0.00 | 29.00 | 36.12 | 0.00 | 5.42 | 0.07 | 0.00 | 0.01 | 326.19 | 0.00 | 34.43 |
| 4 | 8.00 | 0.00 | 7.10 | 28.53 | 0.00 | 22.25 | 0.00 | 0.00 | 0.00 | 36.53 | 0.00 | 29.35 |
| 5 | 6.40 | 0.00 | 3.30 | 8.99 | 0.00 | 7.19 | 0.00 | 0.00 | 0.00 | 15.39 | 0.00 | 10.49 |
| 6 | 220.00 | 0.00 | 22.00 | 917.10 | 0.00 | 91.71 | 0.00 | 0.00 | 0.00 | 1137.10 | 0.00 | 113.71 |
| 7 | 1759.00 | 0.00 | 8.00 | 236.60 | 0.00 | 2.13 | 0.00 | 0.00 | 0.00 | 1995.60 | 0.00 | 10.13 |
| 8 | 1260.00 | 0.00 | 3.00 | 7490.92 | 0.00 | 67.42 | 0.00 | 0.00 | 0.00 | 8750.92 | 0.00 | 70.42 |
| 9 | 152036.00 | 0.00 | 0.00 | 49806.39 | -3706.38 | 0.00 | 0.00 | 0.00 | 0.00 | 201842.39 | -3706.38 | 0.00 |
| 10 | 329.00 | 329.00 | 0.00 | 128.45 | -657.66 | 0.00 | 0.00 | 0.00 | 0.00 | 457.45 | -328.66 | 0.00 |
| Total | 156174.40 | 329.00 | 99.00 | 59486.95 | -4364.05 | 321.20 | 0.19 | 0.00 | 0.02 | 215661.54 | -4035.05 | 420.22 |

b) Withdrawals by Source - All Facilities

| Water-Use Categ. | NEW YORK | | | ONTARIO | | | PENNSYLVANIA | | | TOTAL | | |
|------------------|-----------|--------|--------|----------|---------|-------|--------------|------|------|-----------|---------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 96.00 | 139.00 | 31.00 | 776.04 | 37.53 | 20.28 | 0.00 | 0.00 | 0.12 | 872.04 | 176.53 | 51.40 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 101.00 | 96.00 | 93.00 | 0.00 | 0.00 | 36.12 | 0.00 | 0.00 | 0.07 | 101.00 | 96.00 | 129.19 |
| 4 | 7.00 | 0.00 | 1.00 | 0.00 | 20.77 | 7.76 | 0.00 | 0.00 | 0.00 | 7.00 | 20.77 | 8.76 |
| 5 | 2.50 | 0.00 | 3.90 | 0.00 | 0.00 | 8.99 | 0.00 | 0.00 | 0.00 | 2.50 | 0.00 | 12.89 |
| 6 | 180.00 | 0.00 | 40.00 | 801.05 | 112.78 | 3.28 | 0.00 | 0.00 | 0.00 | 981.05 | 112.78 | 43.28 |
| 7 | 1759.00 | 0.00 | 0.00 | 236.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1995.60 | 0.00 | 0.00 |
| 8 | 1260.00 | 0.00 | 0.00 | 7490.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8750.92 | 0.00 | 0.00 |
| 9 | 152036.00 | 0.00 | 0.00 | 42329.22 | 7477.17 | 0.00 | 0.00 | 0.00 | 0.00 | 194365.22 | 7477.17 | 0.00 |
| 10 | 329.00 | 0.00 | 0.00 | 0.00 | 128.45 | 0.00 | 0.00 | 0.00 | 0.00 | 329.00 | 128.45 | 0.00 |
| Total | 155770.50 | 235.00 | 168.90 | 51633.83 | 7776.70 | 76.42 | 0.00 | 0.00 | 0.19 | 207404.33 | 8011.70 | 245.51 |

c) Diversions by Type - All Facilities

| Water-Use Categ. | NEW YORK | | ONTARIO | | PENNSYLVANIA | | TOTAL | |
|------------------|------------|------------|------------|------------|--------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 329.00 | 0.00 | -3706.38 | 0.00 | 0.00 | 0.00 | -3706.38 | 0.00 |
| Total | 329.00 | 0.00 | -4364.05 | 0.00 | 0.00 | 0.00 | -4035.05 | 0.00 |

Level of Accuracy of Withdrawal Data: 4% Measured 32% Partially Measured 53% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 36% Site-specific 54% Aggregated

a) Withdrawals, Diversions and Consumptive Use - Principal Facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water-Use Categ. | NEW YORK | | | ONTARIO* | | | PENNSYLVANIA | | | TOTAL | | |
|---------------------|----------|--------|---------|----------|--------|---------|--------------|--------|---------|----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 1759.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 1260.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1759.00 | 0.00 | 0.00 |
| 9 | 55637.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1260.00 | 0.00 | 0.00 |
| 10 | 329.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 55637.00 | 0.00 | 0.00 |
| Total | 58985.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 58985.00 | 0.00 | 0.00 |

b) Withdrawals by Source - Principal Facilities

| Water-Use Categ. | NEW YORK | | | ONTARIO* | | | PENNSYLVANIA | | | TOTAL | | |
|---------------------|----------|------|------|----------|------|------|--------------|------|------|----------|------|------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 1759.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 1260.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1759.00 | 0.00 | 0.00 |
| 9 | 55637.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1260.00 | 0.00 | 0.00 |
| 10 | 329.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 55637.00 | 0.00 | 0.00 |
| Total | 58985.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 58985.00 | 0.00 | 0.00 |

c) Diversions by Type - Principal Facilities

| Water-Use Categ. | NEW YORK | | ONTARIO* | | PENNSYLVANIA | | TOTAL | |
|---------------------|------------|------------|------------|------------|--------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 4% Measured 32% Partially Measured 53% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 36% Site-specific 54% Aggregated
 * Ontario did not report its Principal Facility withdrawals for 1993.

BASIN REPORT - St.Lawrence River

DATE: 05/06/97

a) Withdrawals, Diversions and Consumptive Use - All Facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water-Use Categ. | NEW YORK | | | ONTARIO | | | QUEBEC | | | TOTAL | | |
|---------------------|-----------|--------|---------|----------|--------|---------|-----------|--------|---------|-----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 126.00 | 0.00 | 12.60 | 157.53 | 0.00 | 23.63 | 1100.01 | 0.00 | 109.90 | 1383.54 | 0.00 | 146.12 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 88.00 | 0.00 | 9.00 | 34.77 | 0.00 | 5.21 | 71.59 | 0.00 | 7.13 | 194.36 | 0.00 | 21.35 |
| 4 | 1.11 | 0.00 | 0.98 | 5.44 | 0.00 | 4.24 | 9.22 | 0.00 | 8.30 | 15.77 | 0.00 | 13.52 |
| 5 | 3.00 | 0.00 | 2.40 | 9.86 | 0.00 | 7.89 | 19.10 | 0.00 | 15.28 | 31.96 | 0.00 | 25.57 |
| 6 | 73.00 | 0.00 | 7.30 | 167.91 | 0.00 | 16.79 | 125.48 | 0.00 | 12.55 | 366.39 | 0.00 | 36.64 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 47.02 | 0.00 | 4.70 | 47.02 | 0.00 | 4.70 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 150331.00 | 0.00 | 0.00 | 88876.27 | 0.00 | 0.57 | 307560.31 | 0.00 | 0.00 | 546767.58 | 0.00 | 0.57 |
| 10 | 132.00 | 0.00 | 0.00 | 26.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 158.93 | 0.00 | 0.00 |
| Total | 150754.11 | 0.00 | 32.28 | 89278.70 | 0.00 | 58.33 | 308932.74 | 0.00 | 157.86 | 548965.55 | 0.00 | 248.47 |

b) Withdrawals by Source - All Facilities

| Water-Use Categ. | NEW YORK | | | ONTARIO | | | QUEBEC | | | TOTAL | | |
|---------------------|-----------|-------|-------|----------|--------|-------|-----------|-----------|-------|-----------|-----------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 101.00 | 0.00 | 25.00 | 40.67 | 111.67 | 5.19 | 602.84 | 497.17 | 0.00 | 744.51 | 608.84 | 30.19 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 51.00 | 20.00 | 17.00 | 0.00 | 0.00 | 34.77 | 0.00 | 0.00 | 71.59 | 51.00 | 20.00 | 123.36 |
| 4 | 1.00 | 0.00 | 0.11 | 0.00 | 3.97 | 1.47 | 0.00 | 0.00 | 9.22 | 1.00 | 3.97 | 10.80 |
| 5 | 1.00 | 0.00 | 2.00 | 0.00 | 0.00 | 9.86 | 0.00 | 0.00 | 19.10 | 1.00 | 0.00 | 30.96 |
| 6 | 68.00 | 0.00 | 5.00 | 132.59 | 29.98 | 5.34 | 0.00 | 125.48 | 0.00 | 200.59 | 155.47 | 10.34 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 39.10 | 7.93 | 0.00 | 39.10 | 7.93 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 150331.00 | 0.00 | 0.00 | 88876.27 | 0.00 | 0.00 | 181226.63 | 126333.68 | 0.00 | 420433.91 | 126333.68 | 0.00 |
| 10 | 132.00 | 0.00 | 0.00 | 0.00 | 26.93 | 0.00 | 0.00 | 0.00 | 0.00 | 132.00 | 26.93 | 0.00 |
| Total | 150685.00 | 20.00 | 49.11 | 89049.53 | 172.55 | 56.62 | 181868.57 | 126964.26 | 99.91 | 421603.10 | 127156.80 | 205.64 |

c) Diversions by Type - All Facilities

| Water-Use Categ. | NEW YORK | | ONTARIO | | QUEBEC | | TOTAL | |
|---------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 3% Measured 36% Partially Measured 51% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 43% Site-specific 47% Aggregated

a) Withdrawals, Diversions and Consumptive Use - Principal Facilities

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Water-Use Categ. | NEW YORK | | | ONTARIO* | | | QUEBEC | | | TOTAL | | |
|---------------------|----------|--------|---------|----------|--------|---------|-----------|--------|---------|-----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1096.05 | 0.00 | 109.63 | 1096.05 | 0.00 | 109.63 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 48.61 | 0.00 | 4.76 | 48.61 | 0.00 | 4.76 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 124.95 | 0.00 | 12.50 | 124.95 | 0.00 | 12.50 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 47.02 | 0.00 | 4.70 | 47.02 | 0.00 | 4.70 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 92940.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 307560.31 | 0.00 | 0.00 | 400500.31 | 0.00 | 0.00 |
| 10 | 132.00 | 132.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 132.00 | 0.00 | 0.00 |
| Total | 93072.00 | 132.00 | 0.00 | 0.00 | 0.00 | 0.00 | 308876.94 | 0.00 | 131.58 | 401948.94 | 132.00 | 131.58 |

b) Withdrawals by Source - Principal Facilities

| Water-Use Categ. | NEW YORK | | | ONTARIO* | | | QUEBEC | | | TOTAL | | |
|---------------------|----------|------|------|----------|------|------|-----------|-----------|-------|-----------|-----------|-------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 602.58 | 493.47 | 0.00 | 602.58 | 493.47 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 48.61 | 0.00 | 0.00 | 48.61 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 124.95 | 0.00 | 0.00 | 124.95 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 39.10 | 7.93 | 0.00 | 39.10 | 7.93 | 0.00 |
| 9 | 92940.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 181226.63 | 126333.68 | 0.00 | 274166.63 | 126333.68 | 0.00 |
| 10 | 132.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 132.00 | 0.00 | 0.00 |
| Total | 93072.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 181868.31 | 126960.03 | 48.61 | 274940.31 | 126960.03 | 48.61 |

c) Diversions by Type - Principal Facilities

| Water-Use Categ. | NEW YORK | | ONTARIO* | | QUEBEC | | TOTAL | |
|---------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 132.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 132.00 | 0.00 |
| Total | 132.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 132.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 3% Measured 36% Partially Measured 51% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 43% Site-specific 47% Aggregated

* Ontario did not report its Principal Facility withdrawals for 1993.

WATER-USE CATEGORY REPORT - Public Supply

DATE: 05/08/97

a) Water-Use by Basin - All Jurisdictions

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| Basin | All Facilities | | | | | | | | Principal Facilities | | | | | | | | | |
|-------------------|----------------|---------|--------|---------|------------|------------|---------|--------|----------------------|-------------|--------|---------|------------|------------|---------|--------|--|-----------------|
| | Withdrawals | | | | Diversions | | | | Consumptive Use | Withdrawals | | | | Diversions | | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | GLSW | | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | | | |
| Lake Superior | 55.27 | 7.42 | 6.91 | 69.60 | 0.00 | 0.00 | 0.00 | 13.03 | 38.00 | 9.24 | 4.49 | 51.73 | 0.00 | 0.00 | 0.00 | 10.59 | | |
| Lake Michigan | 1466.59 | 24.92 | 136.39 | 1627.90 | 0.00 | 1138.12 | 1138.12 | 73.08 | 1466.59 | 24.90 | 135.81 | 1627.30 | 0.00 | 1140.56 | 1140.56 | 72.99 | | |
| Lake Huron | 65.68 | 38.68 | 46.51 | 150.87 | 45.28 | 0.00 | 45.28 | 22.63 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| Lake Erie | 758.61 | 214.31 | 121.43 | 1094.35 | -45.28 | 0.22 | -45.06 | 151.61 | 489.84 | 148.76 | 37.82 | 676.42 | 0.00 | 0.22 | 0.22 | 99.28 | | |
| Lake Ontario | 872.04 | 176.53 | 51.40 | 1099.97 | 0.00 | 0.00 | 0.00 | 151.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| St.Lawrence River | 744.51 | 608.84 | 30.19 | 1383.54 | 0.00 | 0.00 | 0.00 | 146.12 | 602.58 | 493.47 | 0.00 | 1096.05 | 0.00 | 0.00 | 0.00 | | | |
| Total | 3962.69 | 1070.70 | 392.83 | 5426.23 | 0.00 | 1138.34 | 1138.34 | 558.15 | 2597.01 | 676.37 | 178.12 | 3451.50 | 0.00 | 1140.78 | 1140.78 | 292.49 | | |

b) Water-Use by Jurisdiction - All Basins

| Jurisdiction | All Facilities | | | | | | | | Principal Facilities | | | | | | | | | |
|--------------|----------------|---------|--------|-----------|------------|------------|---------|----------|----------------------|-------------|--------|---------|------------|------------|---------|--------|--|-----------------|
| | Withdrawals | | | | Diversions | | | | Consumptive Use | Withdrawals | | | | Diversions | | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | GLSW | | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | | | |
| Illinois | 1140.28 | 0.00 | 0.00 | 1140.28 | 0.00 | 1140.28 | 1140.28 | 0.00 | 1140.28 | 0.00 | 0.00 | 1140.28 | 0.00 | 1140.28 | 1140.28 | 0.00 | | |
| Indiana | 89.63 | 31.97 | 59.99 | 181.59 | 0.00 | -2.16 | -2.16 | 27.23 | 89.63 | 31.96 | 58.98 | 180.57 | 0.00 | 0.00 | 0.00 | 27.08 | | |
| Michigan | 0.00 | 0.00 | 0.00 | 1224.00** | 0.00 | 0.00 | 0.00 | 123.00** | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| Minnesota | 33.39 | 4.80 | 4.97 | 43.16 | 0.00 | 0.00 | 0.00 | 9.06 | 33.36 | 9.24 | 4.49 | 47.09 | 0.00 | 0.00 | 0.00 | 9.89 | | |
| New York | 357.00 | 185.00 | 56.00 | 598.00 | 0.00 | 0.00 | 0.00 | 59.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| Ohio | 449.37 | 115.61 | 34.89 | 599.87 | 0.00 | 0.22 | 0.22 | 89.98 | 449.24 | 115.25 | 29.62 | 594.11 | 0.00 | 0.22 | 0.22 | 89.12 | | |
| Ontario | 1007.50 | 209.68 | 151.30 | 1368.49 | 0.00 | 0.00 | 0.00 | 205.23 | 0.00 | 0.00 | 0.00 | 0.00* | 0.00 | 0.00 | 0.00 | | | |
| Pennsylvania | 40.60 | 1.55 | 2.18 | 44.33 | 0.00 | 0.00 | 0.00 | 4.44 | 40.60 | 1.55 | 1.53 | 43.68 | 0.00 | 0.00 | 0.00 | 4.37 | | |
| Quebec | 602.84 | 497.17 | 0.00 | 1100.01 | 0.00 | 0.00 | 0.00 | 109.90 | 602.58 | 493.47 | 0.00 | 1096.05 | 0.00 | 0.00 | 0.00 | 109.63 | | |
| Wisconsin | 242.08 | 24.92 | 83.50 | 350.50 | 0.00 | 0.00 | 0.00 | 52.52 | 241.32 | 24.90 | 83.50 | 349.72 | 0.00 | 0.28 | 0.28 | 52.40 | | |
| Total | 3962.69 | 1070.70 | 392.83 | 6650.23** | 0.00 | 1138.34 | 1138.34 | 681.16** | 2597.01 | 676.37 | 178.12 | 3451.50 | 0.00 | 1140.78 | 1140.78 | 292.49 | | |

Level of Accuracy of Withdrawal Data: 42% Measured 38% Partially Measured 20% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 73% Site-specific 27% Aggregated

*Ontario did not report its Principal Facility withdrawals for 1993.

**The total presented is larger than the sum of water use categories. This is due to the addition of state-wide data from Michigan.
 Michigan's withdrawals and consumptive uses for this category cannot presently be reported by individual sub-basin or water withdrawal type.

WATER-USE CATEGORY REPORT - Self-supply - domestic (residential, commercial, institutional)

DATE: 05/08/97

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

a) Water-Use by Basin - All Jurisdictions

| Basin | All Facilities | | | | | | | |
|--------------------|----------------|---------------|---------------|---------------|-------------|-------------|-------------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Lake Superior | 1.95 | 2.12 | 5.21 | 9.28 | 0.00 | 0.00 | 0.00 | 1.11 |
| Lake Michigan | 17.94 | 19.83 | 53.98 | 91.75 | 0.00 | 3.68 | 3.68 | 11.00 |
| Lake Huron | 0.00 | 0.00 | 30.57 | 30.57 | 0.00 | 0.00 | 0.00 | 4.59 |
| Lake Erie | 10.00 | 10.03 | 155.62 | 175.65 | 0.00 | 0.00 | 0.00 | 22.35 |
| Lake Ontario | 101.00 | 96.00 | 129.19 | 326.19 | 0.00 | 0.00 | 0.00 | 34.43 |
| St. Lawrence River | 51.00 | 20.00 | 123.36 | 194.36 | 0.00 | 0.00 | 0.00 | 21.35 |
| Total | 181.89 | 147.98 | 497.93 | 827.80 | 0.00 | 3.68 | 3.68 | 94.82 |

| Basin | Principal Facilities | | | | | | | |
|--------------------|----------------------|--------------|--------------|--------------|-------------|-------------|-------------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Lake Superior | 1.95 | 0.14 | 0.00 | 2.09 | 0.00 | 0.00 | 0.00 | 0.17 |
| Lake Michigan | 17.94 | 19.80 | 6.89 | 44.63 | 0.00 | 3.00 | 3.00 | 4.68 |
| Lake Huron | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Erie | 0.00 | 0.03 | 0.00 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Ontario | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| St. Lawrence River | 0.00 | 0.00 | 48.61 | 48.61 | 0.00 | 0.00 | 0.00 | 4.76 |
| Total | 19.89 | 19.97 | 55.50 | 95.36 | 0.00 | 3.00 | 3.00 | 9.61 |

b) Water-Use by Jurisdiction - All Basins

| Jurisdiction | All Facilities | | | | | | | |
|--------------|----------------|---------------|---------------|---------------|-------------|-------------|-------------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Illinois | 17.94 | 0.02 | 0.09 | 18.05 | 0.00 | 3.68 | 3.68 | 0.00 |
| Indiana | 0.00 | 19.84 | 31.72 | 51.56 | 0.00 | 0.00 | 0.00 | 7.73 |
| Michigan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Minnesota | 1.95 | 2.12 | 0.01 | 4.08 | 0.00 | 0.00 | 0.00 | 0.33 |
| New York | 162.00 | 126.00 | 168.00 | 456.00 | 0.00 | 0.00 | 0.00 | 45.80 |
| Ohio | 0.00 | 0.00 | 59.70 | 59.70 | 0.00 | 0.00 | 0.00 | 8.96 |
| Ontario | 0.00 | 0.00 | 133.60 | 133.60 | 0.00 | 0.00 | 0.00 | 20.04 |
| Pennsylvania | 0.00 | 0.00 | 2.04 | 2.04 | 0.00 | 0.00 | 0.00 | 0.21 |
| Quebec | 0.00 | 0.00 | 71.59 | 71.59 | 0.00 | 0.00 | 0.00 | 7.13 |
| Wisconsin | 0.00 | 0.00 | 31.18 | 31.18 | 0.00 | 0.00 | 0.00 | 4.62 |
| Total | 181.89 | 147.98 | 497.93 | 827.80 | 0.00 | 3.68 | 3.68 | 94.82 |

| Jurisdiction | Principal Facilities | | | | | | | |
|--------------|----------------------|--------------|--------------|--------------|-------------|-------------|-------------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Illinois | 17.94 | 0.00 | 0.00 | 17.94 | 0.00 | 3.00 | 3.00 | 0.68 |
| Indiana | 0.00 | 19.83 | 6.89 | 26.72 | 0.00 | 0.00 | 0.00 | 4.00 |
| Michigan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Minnesota | 1.95 | 0.14 | 0.00 | 2.09 | 0.00 | 0.00 | 0.00 | 0.17 |
| New York | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Ohio | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Ontario | 0.00 | 0.00 | 0.00 | 0.00* | 0.00 | 0.00 | 0.00 | 0.00* |
| Pennsylvania | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Quebec | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Wisconsin | 0.00 | 0.00 | 48.61 | 48.61 | 0.00 | 0.00 | 0.00 | 4.76 |
| Total | 19.89 | 19.97 | 55.50 | 95.36 | 0.00 | 3.00 | 3.00 | 9.61 |

Level of Accuracy of Withdrawal Data: 29% Measured 27% Partially Measured 44% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 56% Site-specific 44% Aggregated

*Ontario did not report its Principal Facility withdrawals for 1993.

WATER-USE CATEGORY REPORT - Self-supply - irrigation

DATE: 05/08/97

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

a) Water-Use by Basin - All Jurisdictions

| Basin | All Facilities | | | | | | | | Principal Facilities | | | | | | | | | |
|--------------------|----------------|--------|--------|--------|------------|------------|-------|--------|----------------------|-------------|-------|-------|------------|------------|-------|------|-------|-----------------|
| | Withdrawals | | | | Diversions | | | | Consumptive Use | Withdrawals | | | | Diversions | | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | GLSW | | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | | | |
| Lake Superior | 0.01 | 0.35 | 0.07 | 0.43 | 0.00 | 0.00 | 0.00 | 0.36 | 0.00 | 0.19 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | |
| Lake Michigan | 0.00 | 5.07 | 551.74 | 556.81 | 0.00 | 0.00 | 0.00 | 393.62 | 0.00 | 4.55 | 24.51 | 29.06 | 0.00 | 0.00 | 0.00 | 0.00 | 23.94 | |
| Lake Huron | 0.00 | 20.47 | 6.52 | 26.98 | 0.00 | 0.00 | 0.00 | 21.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Lake Erie | 1.32 | 102.35 | 36.79 | 140.46 | 0.00 | 0.00 | 0.00 | 111.25 | 0.00 | 5.17 | 1.78 | 6.95 | 0.00 | 0.00 | 0.00 | 0.00 | 6.26 | |
| Lake Ontario | 7.00 | 20.77 | 8.76 | 36.53 | 0.00 | 0.00 | 0.00 | 29.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| St. Lawrence River | 1.00 | 3.97 | 10.80 | 15.77 | 0.00 | 0.00 | 0.00 | 13.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Total | 9.33 | 152.97 | 614.67 | 776.97 | 0.00 | 0.00 | 0.00 | 569.15 | 0.00 | 9.91 | 26.29 | 36.20 | 0.00 | 0.00 | 0.00 | 0.00 | 30.37 | |

b) Water-Use by Jurisdiction - All Basins

| Jurisdiction | All Facilities | | | | | | | | Principal Facilities | | | | | | | | | |
|--------------|----------------|--------|--------|-----------|------------|------------|-------|----------|----------------------|-------------|-------|-------|------------|------------|-------|------|-------|-----------------|
| | Withdrawals | | | | Diversions | | | | Consumptive Use | Withdrawals | | | | Diversions | | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | GLSW | | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | | | |
| Illinois | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Indiana | 0.00 | 5.38 | 15.23 | 20.61 | 0.00 | 0.00 | 0.00 | 18.54 | 0.00 | 4.70 | 14.36 | 19.06 | 0.00 | 0.00 | 0.00 | 0.00 | 17.14 | |
| Michigan | 0.00 | 0.00 | 0.00 | 237.00** | 0.00 | 0.00 | 0.00 | 225.00** | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Minnesota | 0.01 | 0.21 | 0.01 | 0.23 | 0.00 | 0.00 | 0.00 | 0.21 | 0.00 | 0.19 | 0.00 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | |
| New York | 9.20 | 0.00 | 1.51 | 10.71 | 0.00 | 0.00 | 0.00 | 9.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Ohio | 0.12 | 8.86 | 2.11 | 11.09 | 0.00 | 0.00 | 0.00 | 9.97 | 0.00 | 4.75 | 0.85 | 5.60 | 0.00 | 0.00 | 0.00 | 0.00 | 5.05 | |
| Ontario | 0.00 | 138.23 | 49.03 | 187.26 | 0.00 | 0.00 | 0.00 | 146.07 | 0.00 | 0.00 | 0.00 | 0.00* | 0.00 | 0.00 | 0.00 | 0.00 | 0.00* | |
| Pennsylvania | 0.00 | 0.29 | 0.06 | 0.35 | 0.00 | 0.00 | 0.00 | 0.32 | 0.00 | 0.27 | 0.06 | 0.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.30 | |
| Quebec | 0.00 | 0.00 | 9.22 | 9.22 | 0.00 | 0.00 | 0.00 | 8.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Wisconsin | 0.00 | 0.00 | 537.50 | 537.50 | 0.00 | 0.00 | 0.00 | 376.25 | 0.00 | 0.00 | 11.02 | 11.02 | 0.00 | 0.00 | 0.00 | 0.00 | 7.71 | |
| Total | 9.33 | 152.97 | 614.67 | 1013.97** | 0.00 | 0.00 | 0.00 | 794.16** | 0.00 | 9.91 | 26.29 | 36.20 | 0.00 | 0.00 | 0.00 | 0.00 | 30.37 | |

Level of Accuracy of Withdrawal Data: 27% Measured 27% Partially Measured 45% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 68% Site-specific 32% Aggregated

*Ontario did not report its Principal Facility withdrawals for 1993.

**The total presented is larger than the sum of water use categories. This is due to the addition of state-wide data from Michigan. Michigan's withdrawals and consumptive uses for this category cannot presently be reported by individual sub-basin or water withdrawal type.

WATER-USE CATEGORY REPORT - Self-supply - livestock

DATE: 05/08/97

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

a) Water-Use by Basin - All Jurisdictions

| Basin | All Facilities | | | | | | | | Principal Facilities | | | | | | | | | |
|-------------------|----------------|-------------|--------------|---------------|-------------|-------------|-------------|--------------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------|
| | Withdrawals | | | | Diversions | | | | Consumptive Use | Withdrawals | | | | Diversions | | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | GLSW | | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | | | |
| Lake Superior | 0.00 | 0.03 | 0.54 | 0.57 | 0.00 | 0.00 | 0.00 | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Lake Michigan | 0.00 | 1.93 | 6.03 | 7.96 | 0.00 | 0.00 | 0.00 | 6.38 | 0.00 | 1.93 | 1.12 | 3.05 | 0.00 | 0.00 | 0.00 | 0.00 | 2.45 | |
| Lake Huron | 0.00 | 0.00 | 17.10 | 17.10 | 0.00 | 0.00 | 0.00 | 13.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Lake Erie | 0.50 | 2.30 | 31.03 | 33.83 | 0.00 | 0.00 | 0.00 | 27.04 | 0.00 | 0.70 | 0.16 | 0.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.69 | |
| Lake Ontario | 2.50 | 0.00 | 12.89 | 15.39 | 0.00 | 0.00 | 0.00 | 10.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| St.Lawrence River | 1.00 | 0.00 | 30.96 | 31.96 | 0.00 | 0.00 | 0.00 | 25.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Total | 4.00 | 4.26 | 98.55 | 106.81 | 0.00 | 0.00 | 0.00 | 83.42 | 0.00 | 2.63 | 1.28 | 3.91 | 0.00 | 0.00 | 0.00 | 0.00 | 3.14 | |

b) Water-Use by Jurisdiction - All Basins

| Jurisdiction | All Facilities | | | | | | | | Principal Facilities | | | | | | | | | |
|--------------|----------------|-------------|--------------|---------------|-------------|-------------|-------------|--------------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------|
| | Withdrawals | | | | Diversions | | | | Consumptive Use | Withdrawals | | | | Diversions | | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | GLSW | | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | | | |
| Illinois | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Indiana | 0.00 | 1.93 | 7.31 | 9.24 | 0.00 | 0.00 | 0.00 | 7.40 | 0.00 | 1.93 | 1.12 | 3.05 | 0.00 | 0.00 | 0.00 | 0.00 | 2.45 | |
| Michigan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Minnesota | 0.00 | 0.03 | 0.21 | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| New York | 4.00 | 0.00 | 6.80 | 10.80 | 0.00 | 0.00 | 0.00 | 6.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Ohio | 0.00 | 2.30 | 10.83 | 13.13 | 0.00 | 0.00 | 0.00 | 10.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Ontario | 0.00 | 0.00 | 53.64 | 53.64 | 0.00 | 0.00 | 0.00 | 42.91 | 0.00 | 0.70 | 0.16 | 0.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.69 | |
| Pennsylvania | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00* | 0.00 | 0.00 | 0.00 | 0.00 | 0.00* | |
| Quebec | 0.00 | 0.00 | 19.10 | 19.10 | 0.00 | 0.00 | 0.00 | 15.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Wisconsin | 0.00 | 0.00 | 0.66 | 0.66 | 0.00 | 0.00 | 0.00 | 0.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Total | 4.00 | 4.26 | 98.55 | 106.81 | 0.00 | 0.00 | 0.00 | 83.42 | 0.00 | 2.63 | 1.28 | 3.91 | 0.00 | 0.00 | 0.00 | 0.00 | 3.14 | |

Level of Accuracy of Withdrawal Data: 23% Measured 27% Partially Measured 50% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 52% Site-specific 48% Aggregated

*Ontario did not report its Principal Facility withdrawals for 1993.

WATER-USE CATEGORY REPORT - Self-supply - industrial (manufacturing and mining)

DATE: 05/15/97

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

a) Water-Use by Basin - All Jurisdictions

| Basin | All Facilities | | | | | | | | Principal Facilities | | | | | | | |
|--------------------|----------------|--------|--------|---------|------------|------------|-------|-----------------|----------------------|--------|-------|---------|------------|------------|-------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Lake Superior | 324.54 | 96.37 | 2.38 | 423.29 | 0.00 | 0.00 | 0.00 | 68.52 | 152.54 | 85.14 | 0.04 | 237.72 | 0.00 | 0.00 | 0.00 | 108.66 |
| Lake Michigan | 1632.98 | 315.41 | 36.11 | 1984.50 | 0.00 | 2.68 | 2.68 | 149.18 | 1634.98 | 310.38 | 34.15 | 1979.51 | 0.00 | 2.68 | 2.68 | 148.41 |
| Lake Huron | 722.78 | 79.60 | 13.16 | 815.53 | 0.00 | 0.00 | 0.00 | 81.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Lake Erie | 599.62 | 187.89 | 50.68 | 838.19 | 0.00 | 0.00 | 0.00 | 87.45 | 56.87 | 160.23 | 35.99 | 253.09 | 0.00 | 0.00 | 0.00 | 28.96 |
| Lake Ontario | 981.05 | 112.78 | 43.28 | 1137.10 | 0.00 | 0.00 | 0.00 | 113.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| St. Lawrence River | 200.59 | 155.47 | 10.34 | 366.39 | 0.00 | 0.00 | 0.00 | 36.64 | 0.00 | 124.95 | 0.00 | 124.95 | 0.00 | 0.00 | 0.00 | |
| Total | 4461.55 | 947.51 | 155.94 | 5565.00 | 0.00 | 2.68 | 2.68 | 537.04 | 1844.39 | 680.70 | 70.18 | 2595.27 | 0.00 | 2.68 | 2.68 | 298.53 |

b) Water-Use by Jurisdiction - All Basins

| Jurisdiction | All Facilities | | | | | | | | Principal Facilities | | | | | | | |
|--------------|----------------|--------|--------|-----------|------------|------------|-------|-----------------|----------------------|--------|-------|---------|------------|------------|--------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Illinois | 13.18 | 0.00 | 0.00 | 13.18 | 0.00 | 2.68 | 2.68 | 2.06 | 15.18 | 0.00 | 0.00 | 15.18 | 0.00 | 2.68 | 2.68 | 2.05 |
| Indiana | 1618.19 | 16.37 | 25.65 | 1660.21 | 0.00 | 0.00 | 0.00 | 99.62 | 1618.19 | 16.32 | 23.34 | 1657.85 | 0.00 | 0.00 | 0.00 | 99.46 |
| Michigan | 0.00 | 0.00 | 0.00 | 1318.00** | 0.00 | 0.00 | 0.00 | 132.00** | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Minnesota | 152.54 | 85.46 | 0.09 | 238.09 | 0.00 | 0.00 | 0.00 | 50.00 | 152.54 | 85.14 | 0.00 | 237.68 | 0.00 | 0.00 | 0.00 | |
| New York | 303.00 | 0.00 | 48.40 | 351.40 | 0.00 | 0.00 | 0.00 | 35.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 108.66 | |
| Ohio | 18.31 | 151.51 | 35.44 | 205.26 | 0.00 | 0.00 | 0.00 | 20.52 | 18.28 | 151.21 | 34.19 | 203.68 | 0.00 | 0.00 | 0.00 | |
| Ontario | 2316.13 | 260.55 | 33.58 | 2610.26 | 0.00 | 0.00 | 0.00 | 261.03 | 0.00 | 0.00 | 0.00 | 0.00* | 0.00 | 0.00 | 0.00 | |
| Pennsylvania | 38.59 | 0.81 | 0.20 | 39.60 | 0.00 | 0.00 | 0.00 | 8.04 | 38.59 | 0.78 | 0.07 | 39.44 | 0.00 | 0.00 | 0.00 | |
| Quebec | 0.00 | 125.48 | 0.00 | 125.48 | 0.00 | 0.00 | 0.00 | 12.55 | 0.00 | 124.95 | 0.00 | 124.95 | 0.00 | 0.00 | 0.00 | |
| Wisconsin | 1.61 | 307.32 | 12.58 | 321.51 | 0.00 | 0.00 | 0.00 | 48.13 | 1.61 | 302.30 | 12.58 | 316.49 | 0.00 | 0.00 | 0.00 | |
| Total | 4461.55 | 947.51 | 155.94 | 6882.99** | 0.00 | 2.68 | 2.68 | 669.05** | 1844.39 | 680.70 | 70.18 | 2595.27 | 0.00 | 2.68 | 2.68 | 298.53 |

Level of Accuracy of Withdrawal Data: 27% Measured 36% Partially Measured 36% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 71% Site-specific 29% Aggregated

*Ontario did not report its Principal Facility withdrawals for 1993.

**The total presented is larger than the sum of water use categories. This is due to the addition of state-wide data from Michigan. Michigan's withdrawals and consumptive uses for this category cannot presently be reported by individual sub-basin or water withdrawal type.

a) Water-Use by Basin - All Jurisdictions

| Basin | All Facilities | | | | | | | | Principal Facilities | | | | | | | | | |
|--------------------|----------------|--------|------|----------|------------|------------|-------|--------|----------------------|-------------|------|---------|------------|------------|-------|-------|--|-----------------|
| | Withdrawals | | | | Diversions | | | | Consumptive Use | Withdrawals | | | | Diversions | | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | GLSW | | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | | | |
| Lake Superior | 482.64 | 145.64 | 0.02 | 628.30 | 0.00 | 0.00 | 0.00 | 8.27 | 21.41 | 145.49 | 0.00 | 166.90 | 0.00 | 0.00 | 0.00 | 2.93 | | |
| Lake Michigan | 4182.11 | 129.96 | 2.78 | 4314.85 | 0.00 | 0.00 | 0.00 | 47.17 | 3204.12 | 5.52 | 0.00 | 3209.64 | 0.00 | 0.00 | 0.00 | 32.83 | | |
| Lake Huron | 652.44 | 0.03 | 0.00 | 652.47 | 0.00 | 0.00 | 0.00 | 8.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| Lake Erie | 8436.67 | 39.25 | 0.27 | 8476.19 | 0.00 | 0.00 | 0.00 | 69.18 | 2746.49 | 39.16 | 0.27 | 2785.92 | 0.00 | 0.00 | 0.00 | 0.09 | | |
| Lake Ontario | 1995.60 | 0.00 | 0.00 | 1995.60 | 0.00 | 0.00 | 0.00 | 10.13 | 1759.00 | 0.00 | 0.00 | 1759.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| St. Lawrence River | 39.10 | 7.93 | 0.00 | 47.02 | 0.00 | 0.00 | 0.00 | 4.70 | 39.10 | 7.93 | 0.00 | 47.02 | 0.00 | 0.00 | 0.00 | 4.70 | | |
| Total | 15788.56 | 322.81 | 3.07 | 16114.44 | 0.00 | 0.00 | 0.00 | 147.94 | 7770.12 | 198.10 | 0.27 | 7968.48 | 0.00 | 0.00 | 0.00 | 40.55 | | |

b) Water-Use by Jurisdiction - All Basins

| Jurisdiction | All Facilities | | | | | | | | Principal Facilities | | | | | | | | | |
|--------------|----------------|--------|------|----------|------------|------------|-------|--------|----------------------|-------------|------|---------|------------|------------|-------|-------|--|-----------------|
| | Withdrawals | | | | Diversions | | | | Consumptive Use | Withdrawals | | | | Diversions | | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | GLSW | | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | | | |
| Illinois | 958.90 | 0.00 | 0.00 | 958.90 | 0.00 | 0.00 | 0.00 | 0.00 | 958.90 | 0.00 | 0.00 | 958.90 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| Indiana | 1032.32 | 0.00 | 0.27 | 1032.59 | 0.00 | 0.00 | 0.00 | 20.66 | 1032.32 | 0.00 | 0.27 | 1032.59 | 0.00 | 0.00 | 0.00 | 20.66 | | |
| Michigan | 6099.16 | 124.56 | 2.28 | 6226.00 | 0.00 | 0.00 | 0.00 | 80.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| Minnesota | 0.74 | 145.64 | 0.02 | 146.40 | 0.00 | 0.00 | 0.00 | 2.93 | 0.74 | 145.49 | 0.00 | 146.23 | 0.00 | 0.00 | 0.00 | 2.93 | | |
| New York | 2196.00 | 0.00 | 0.00 | 2196.00 | 0.00 | 0.00 | 0.00 | 9.00 | 2196.00 | 0.00 | 0.00 | 2196.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| Ohio | 2309.49 | 39.16 | 0.00 | 2348.65 | 0.00 | 0.00 | 0.00 | 0.08 | 2309.49 | 39.16 | 0.00 | 2348.65 | 0.00 | 0.00 | 0.00 | 0.08 | | |
| Ontario | 1904.86 | 0.00 | 0.00 | 1904.86 | 0.00 | 0.00 | 0.00 | 17.31 | 0.00 | 0.00 | 0.00 | 0.00* | 0.00 | 0.00 | 0.00 | 0.00* | | |
| Pennsylvania | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| Quebec | 39.10 | 7.93 | 0.00 | 47.02 | 0.00 | 0.00 | 0.00 | 4.70 | 39.10 | 7.93 | 0.00 | 47.02 | 0.00 | 0.00 | 0.00 | 4.70 | | |
| Wisconsin | 1247.99 | 5.52 | 0.50 | 1254.01 | 0.00 | 0.00 | 0.00 | 12.32 | 1233.57 | 5.52 | 0.00 | 1239.09 | 0.00 | 0.00 | 0.00 | 12.18 | | |
| Total | 15788.56 | 322.81 | 3.07 | 16114.44 | 0.00 | 0.00 | 0.00 | 147.94 | 7770.12 | 198.10 | 0.27 | 7968.48 | 0.00 | 0.00 | 0.00 | 40.55 | | |

Level of Accuracy of Withdrawal Data: 21% Measured 36% Partially Measured 42% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 70% Site-specific 30% Aggregated

*Ontario did not report its Principal Facility withdrawals for 1993.

WATER-USE CATEGORY REPORT - Self-supply - thermoelectric power - nuclear plants

DATE: 05/21/97

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

a) Water-Use by Basin - All Jurisdictions

| Basin | All Facilities | | | | | | | |
|--------------------|-----------------|-------------|-------------|-----------------|-------------|-------------|-------------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Lake Superior | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Michigan | 8831.33 | 0.00 | 0.00 | 8831.33 | 0.00 | 0.00 | 0.00 | 77.54 |
| Lake Huron | 5971.02 | 0.00 | 0.00 | 5971.02 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Erie | 118.51 | 0.00 | 0.00 | 118.51 | 0.00 | 0.00 | 0.00 | 20.15 |
| Lake Ontario | 8750.92 | 0.00 | 0.00 | 8750.92 | 0.00 | 0.00 | 0.00 | 70.42 |
| St. Lawrence River | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 23671.79 | 0.00 | 0.00 | 23671.79 | 0.00 | 0.00 | 0.00 | 168.11 |

| Basin | Principal Facilities | | | | | | | |
|--------------------|----------------------|-------------|-------------|----------------|-------------|-------------|-------------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Lake Superior | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Michigan | 6670.04 | 0.00 | 0.00 | 6670.04 | 0.00 | 0.00 | 0.00 | 49.44 |
| Lake Huron | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Erie | 118.51 | 0.00 | 0.00 | 118.51 | 0.00 | 0.00 | 0.00 | 20.15 |
| Lake Ontario | 1260.00 | 0.00 | 0.00 | 1260.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| St. Lawrence River | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 8048.55 | 0.00 | 0.00 | 8048.55 | 0.00 | 0.00 | 0.00 | 69.59 |

b) Water-Use by Jurisdiction - All Basins

| Jurisdiction | All Facilities | | | | | | | |
|--------------|-----------------|-------------|-------------|-----------------|-------------|-------------|-------------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Illinois | 1726.11 | 0.00 | 0.00 | 1726.11 | 0.00 | 0.00 | 0.00 | 0.00 |
| Indiana | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Michigan | 2161.29 | 0.00 | 0.00 | 2161.29 | 0.00 | 0.00 | 0.00 | 28.10 |
| Minnesota | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| New York | 1260.00 | 0.00 | 0.00 | 1260.00 | 0.00 | 0.00 | 0.00 | 3.00 |
| Ohio | 118.51 | 0.00 | 0.00 | 118.51 | 0.00 | 0.00 | 0.00 | 20.15 |
| Ontario | 13461.95 | 0.00 | 0.00 | 13461.95 | 0.00 | 0.00 | 0.00 | 67.42 |
| Pennsylvania | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Quebec | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Wisconsin | 4943.93 | 0.00 | 0.00 | 4943.93 | 0.00 | 0.00 | 0.00 | 49.44 |
| Total | 23671.79 | 0.00 | 0.00 | 23671.79 | 0.00 | 0.00 | 0.00 | 168.11 |

| Jurisdiction | Principal Facilities | | | | | | | |
|--------------|----------------------|-------------|-------------|----------------|-------------|-------------|-------------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Illinois | 1726.11 | 0.00 | 0.00 | 1726.11 | 0.00 | 0.00 | 0.00 | 0.00 |
| Indiana | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Michigan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Minnesota | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| New York | 1260.00 | 0.00 | 0.00 | 1260.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Ohio | 118.51 | 0.00 | 0.00 | 118.51 | 0.00 | 0.00 | 0.00 | 20.15 |
| Ontario | 0.00 | 0.00 | 0.00 | 0.00* | 0.00 | 0.00 | 0.00 | 0.00* |
| Pennsylvania | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Quebec | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Wisconsin | 4943.93 | 0.00 | 0.00 | 4943.93 | 0.00 | 0.00 | 0.00 | 49.44 |
| Total | 8048.55 | 0.00 | 0.00 | 8048.55 | 0.00 | 0.00 | 0.00 | 69.59 |

Level of Accuracy of Withdrawal Data: 27% Measured 27% Partially Measured 45% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 56% Site-specific 44% Aggregated

*Ontario did not report its Principal Facility Withdrawals for 1993.

a) Water-Use by Basin - All Jurisdictions

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

| All Facilities | | | | | | | | | Principal Facilities | | | | | | | |
|-------------------|-------------|-----------|------|-----------|------------|------------|----------|-----------------|----------------------|-----------|------|-----------|------------|------------|-------|-----------------|
| Basin | Withdrawals | | | | Diversions | | | Consumptive Use | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Lake Superior | 0.00 | 44386.34 | 0.00 | 44386.34 | 0.00 | -3979.03 | -3979.03 | 0.00 | 0.00 | 4745.23 | 0.00 | 4745.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Michigan | 0.00 | 6671.81 | 0.00 | 6671.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6671.81 | 0.00 | 6671.81 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Huron | 22846.33 | 13447.75 | 0.00 | 36294.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Erie | 4266.38 | 0.00 | 0.00 | 4266.38 | 3706.38 | 0.00 | 3706.38 | 0.00 | 560.00 | 0.00 | 0.00 | 560.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Ontario | 194365.22 | 7477.17 | 0.00 | 201842.39 | -3706.38 | 0.00 | -3706.38 | 0.00 | 55637.00 | 0.00 | 0.00 | 55637.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| St.Lawrence River | 420433.91 | 126333.68 | 0.00 | 546767.58 | 0.00 | 0.00 | 0.00 | 0.57 | 274166.63 | 126333.68 | 0.00 | 400500.31 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 641911.84 | 198316.75 | 0.00 | 840228.59 | 0.00 | -3979.03 | -3979.03 | 0.57 | 330363.63 | 137750.72 | 0.00 | 468114.35 | 0.00 | 0.00 | 0.00 | 0.00 |

b) Water-Use by Jurisdiction - All Basins

| All Facilities | | | | | | | | | Principal Facilities | | | | | | | |
|----------------|-------------|-----------|------|-----------|------------|------------|----------|-----------------|----------------------|-----------|------|-----------|------------|------------|-------|-----------------|
| Jurisdiction | Withdrawals | | | | Diversions | | | Consumptive Use | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Illinois | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Indiana | 0.00 | 2362.07 | 0.00 | 2362.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2362.07 | 0.00 | 2362.07 | 0.00 | 0.00 | 0.00 | 0.00 |
| Michigan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Minnesota | 0.00 | 4598.00 | 0.00 | 4598.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4598.00 | 0.00 | 4598.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| New York | 302927.00 | 0.00 | 0.00 | 302927.00 | 0.00 | 0.00 | 0.00 | 0.00 | 149137.00 | 0.00 | 0.00 | 149137.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Ohio | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Ontario | 157758.21 | 60566.03 | 0.00 | 218324.24 | 0.00 | -3979.03 | -3979.03 | 0.57 | 0.00 | 0.00 | 0.00 | 0.00* | 0.00 | 0.00 | 0.00 | 0.00* |
| Pennsylvania | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Quebec | 181226.63 | 126333.68 | 0.00 | 307560.31 | 0.00 | 0.00 | 0.00 | 0.00 | 181226.63 | 126333.68 | 0.00 | 307560.31 | 0.00 | 0.00 | 0.00 | 0.00 |
| Wisconsin | 0.00 | 4456.97 | 0.00 | 4456.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4456.97 | 0.00 | 4456.97 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 641911.84 | 198316.75 | 0.00 | 840228.59 | 0.00 | -3979.03 | -3979.03 | 0.57 | 330363.63 | 137750.72 | 0.00 | 468114.35 | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 26% Measured 29% Partially Measured 45% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 64% Site-specific 36% Aggregated

*Ontario did not report its Principal Facility withdrawals for 1993.

WATER-USE CATEGORY REPORT - Other (navigation, sanitation, environmental)

DATE: 05/21/97

UNITS: Mgal(US)/d
YEAR OF DATA: 1993

a) Water-Use by Basin - All Jurisdictions

| Basin | All Facilities | | | | | | | |
|--------------------|----------------|---------------|-------------|----------------|---------------|---------------|---------------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Lake Superior | 0.00 | 0.00 | 0.15 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Michigan | 335.15 | 0.06 | 0.15 | 335.36 | 0.00 | 335.15 | 335.15 | 0.03 |
| Lake Huron | 0.00 | 39.19 | 0.00 | 39.19 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Erie | 658.97 | 3.73 | 0.16 | 662.86 | 657.66 | -12.60 | 645.06 | 0.00 |
| Lake Ontario | 329.00 | 128.45 | 0.00 | 457.45 | -328.66 | 0.00 | -328.66 | 0.00 |
| St. Lawrence River | 132.00 | 26.93 | 0.00 | 158.93 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 1455.12 | 198.36 | 0.46 | 1653.94 | 329.00 | 322.55 | 651.55 | 0.03 |

| | Principal Facilities | | | | | | | |
|--------------|----------------------|-------------|-------------|---------------|---------------|---------------|---------------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 335.15 | 0.05 | 0.04 | 335.24 | 0.00 | 335.15 | 335.15 | 0.02 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1.31 | 3.44 | 0.12 | 4.87 | 0.00 | -12.60 | -12.60 | 0.00 |
| | 329.00 | 0.00 | 0.00 | 329.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 132.00 | 0.00 | 0.00 | 132.00 | 132.00 | 0.00 | 132.00 | 0.00 |
| Total | 797.46 | 3.49 | 0.16 | 801.11 | 132.00 | 322.55 | 454.55 | 0.02 |

b) Water-Use by Jurisdiction - All Basins

| Jurisdiction | All Facilities | | | | | | | |
|--------------|----------------|---------------|-------------|----------------|---------------|---------------|---------------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Illinois | 335.15 | 0.00 | 0.00 | 335.15 | 0.00 | 335.15 | 335.15 | 0.00 |
| Indiana | 0.00 | 0.06 | 0.15 | 0.21 | 0.00 | 0.00 | 0.00 | 0.03 |
| Michigan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Minnesota | 0.00 | 0.00 | 0.15 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 |
| New York | 461.00 | 0.00 | 0.00 | 461.00 | 329.00 | 0.00 | 329.00 | 0.00 |
| Ohio | 1.31 | 3.73 | 0.16 | 5.20 | 0.00 | -12.60 | -12.60 | 0.00 |
| Ontario | 657.66 | 194.57 | 0.00 | 852.23 | 0.00 | 0.00 | 0.00 | 0.00 |
| Pennsylvania | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Quebec | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Wisconsin | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 1455.12 | 198.36 | 0.46 | 1653.94 | 329.00 | 322.55 | 651.55 | 0.03 |

| | Principal Facilities | | | | | | | |
|--------------|----------------------|-------------|-------------|---------------|---------------|---------------|---------------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| | 335.15 | 0.00 | 0.00 | 335.15 | 0.00 | 335.15 | 335.15 | 0.00 |
| | 0.00 | 0.05 | 0.04 | 0.09 | 0.00 | 0.00 | 0.00 | 0.02 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 461.00 | 0.00 | 0.00 | 461.00 | 132.00 | 0.00 | 132.00 | 0.00 |
| | 1.31 | 3.44 | 0.12 | 4.87 | 0.00 | -12.60 | -12.60 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00* | 0.00 | 0.00 | 0.00 | 0.00* |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 797.46 | 3.49 | 0.16 | 801.11 | 132.00 | 322.55 | 454.55 | 0.02 |

Level of Accuracy of Withdrawal Data: 30% Measured 27% Partially Measured 42% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 67% Site-specific 33% Aggregated

*Ontario did not report its Principal Facility withdrawals for 1993.

APPENDIX B
IN MILLION LITERS PER DAY

- 1993 GREAT LAKES BASIN SUMMARY REPORT
- JURISDICTION REPORTS

- Illinois
- Indiana
- Michigan
- Minnesota
- New York
- Ohio
- Ontario
- Quebec
- Pennsylvania
- Wisconsin

- BASIN SUMMARY REPORTS

- Lake Superior
- Lake Michigan
- Lake Huron
- Lake Erie
- Lake Ontario
- St. Lawrence River

- WATER USE CATEGORY REPORTS

- Public Supply
- Self Supply - Domestic
- Self Supply - Irrigation
- Self Supply - Livestock
- Self Supply - Industrial
- Self Supply - Thermoelectric Power, Fossil Fuel
- Self Supply - Thermoelectric Power, Nuclear
- Self Supply - Hydroelectric Power
- Other

a) Water-Use by Category - All Basins, All Jurisdictions

DATE: 05/27/97
 UNITS: ML/d
 YEAR OF DATA: 1993

| Water-Use Category | All Facilities | | | | | | | |
|--------------------|----------------|-----------|---------|-------------|------------|------------|-----------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| 1 | 15000.38 | 4053.05 | 1487.03 | 25173.78* | 0.00 | 4309.07 | 4309.07 | 2578.43* |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 688.53 | 560.16 | 1884.86 | 3133.55 | 0.00 | 13.93 | 13.93 | 358.94 |
| 4 | 35.32 | 579.07 | 2326.77 | 3838.30* | 0.00 | 0.00 | 0.00 | 3006.18* |
| 5 | 15.14 | 16.13 | 373.05 | 404.32 | 0.00 | 0.00 | 0.00 | 315.80 |
| 6 | 16888.77 | 3586.69 | 590.28 | 26054.90* | 0.00 | 10.14 | 10.14 | 2532.60* |
| 7 | 59765.99 | 1221.95 | 11.62 | 60999.56 | 0.00 | 0.00 | 0.00 | 560.01 |
| 8 | 89607.20 | 0.00 | 0.00 | 89607.20 | 0.00 | 0.00 | 0.00 | 636.35 |
| 9 | 2429893.57 | 750708.91 | 0.00 | 3180602.48 | 0.00 | -15062.22 | -15062.22 | 2.14 |
| 10 | 5508.22 | 750.87 | 1.74 | 6260.83 | 1245.40 | 1220.98 | 2466.38 | 0.11 |
| Total | 2617403.11 | 761476.81 | 6675.35 | 3396074.80* | 1245.40 | -9508.10 | -8262.70 | 9990.56* |

| Water-Use Category | Principal Facilities | | | | | | | |
|--------------------|----------------------|-----------|---------|------------|------------|------------|---------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| 1 | 9830.71 | 2560.35 | 674.25 | 13065.31 | 0.00 | 4318.31 | 4318.31 | 1107.20 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 75.29 | 75.59 | 210.08 | 360.97 | 0.00 | 11.36 | 11.36 | 36.36 |
| 4 | 0.00 | 37.51 | 99.52 | 137.03 | 0.00 | 0.00 | 0.00 | 114.96 |
| 5 | 0.00 | 9.96 | 4.85 | 14.80 | 0.00 | 0.00 | 0.00 | 11.89 |
| 6 | 6981.75 | 2576.73 | 265.66 | 9824.14 | 0.00 | 10.14 | 10.14 | 1130.04 |
| 7 | 29412.98 | 749.87 | 1.02 | 30163.87 | 0.00 | 0.00 | 0.00 | 153.51 |
| 8 | 30466.96 | 0.00 | 0.00 | 30466.96 | 0.00 | 0.00 | 0.00 | 263.43 |
| 9 | 1250558.78 | 521442.03 | 0.00 | 1772000.81 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 3018.70 | 13.21 | 0.61 | 3032.52 | 499.67 | 1220.98 | 1720.65 | 0.08 |
| Total | 1330345.18 | 527465.26 | 1255.99 | 1859066.42 | 499.67 | 5560.79 | 6060.46 | 2817.45 |

b) Water-Use by Basin - All Categories, All Jurisdictions

| Basin | All Facilities | | | | | | | |
|-------------------|----------------|-----------|---------|------------|------------|------------|-----------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Lake Superior | 3272.16 | 168973.82 | 57.84 | 172303.82 | 0.00 | -15062.22 | -15062.22 | 346.57 |
| Lake Michigan | 62330.73 | 27137.47 | 2979.79 | 92447.99 | 0.00 | 5600.99 | 5600.99 | 2869.33 |
| Lake Huron | 114539.67 | 51578.84 | 430.98 | 166549.50 | 171.40 | 0.00 | 171.40 | 575.28 |
| Lake Erie | 56215.39 | 2119.30 | 1498.95 | 59833.64 | 16348.28 | -46.86 | 16301.42 | 1851.17 |
| Lake Ontario | 785108.12 | 30327.51 | 929.34 | 816364.98 | -15274.28 | 0.00 | -15274.28 | 1590.69 |
| St.Lawrence River | 1595937.04 | 481339.87 | 778.44 | 2078055.35 | 0.00 | 0.00 | 0.00 | 940.54 |
| Total | 2617403.11 | 761476.81 | 6675.35 | 3385555.27 | 1245.40 | -9508.10 | -8262.70 | 8173.59 |

| Basin | Principal Facilities | | | | | | | |
|-------------------|----------------------|-----------|---------|------------|------------|------------|---------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Lake Superior | 809.70 | 18871.83 | 17.15 | 19698.68 | 0.00 | 0.00 | 0.00 | 463.79 |
| Lake Michigan | 50454.88 | 26645.18 | 766.62 | 77866.68 | 0.00 | 5607.65 | 5607.65 | 1267.20 |
| Lake Huron | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Erie | 15039.46 | 1353.24 | 288.22 | 16680.92 | 0.00 | -46.86 | -46.86 | 588.36 |
| Lake Ontario | 223281.65 | 0.00 | 0.00 | 223281.65 | 0.00 | 0.00 | 0.00 | 0.00 |
| St.Lawrence River | 1040759.49 | 480595.00 | 184.00 | 1521538.49 | 499.67 | 0.00 | 499.67 | 498.10 |
| Total | 1330345.18 | 527465.26 | 1255.99 | 1859066.42 | 499.67 | 5560.79 | 6060.46 | 2817.45 |

c) Water-Use by Jurisdiction - All Categories, All Basins

| Jurisdiction | All Facilities | | | | | | | |
|--------------|----------------|-----------|---------|-------------|------------|------------|-----------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Illinois | 15866.72 | 0.08 | 0.34 | 15867.14 | 0.00 | 5609.16 | 5609.16 | 7.80 |
| Indiana | 10372.52 | 9227.36 | 531.17 | 20131.05 | 0.00 | -8.18 | -8.18 | 685.95 |
| Michigan | 31269.08 | 471.51 | 8.63 | 42268.85* | 0.00 | 0.00 | 0.00 | 2229.73* |
| Minnesota | 714.04 | 18307.17 | 20.67 | 19041.87 | 0.00 | 0.00 | 0.00 | 236.70 |
| New York | 1164687.98 | 1177.26 | 1062.60 | 1166927.84 | 1245.40 | 0.00 | 1245.40 | 639.73 |
| Ohio | 10966.71 | 1215.76 | 541.80 | 12724.27 | 0.00 | -46.86 | -46.86 | 606.27 |
| Ontario | 670418.95 | 232306.70 | 1594.21 | 904319.86 | 0.00 | -15062.22 | -15062.22 | 2879.04 |
| Pennsylvania | 299.77 | 10.03 | 16.96 | 326.76 | 0.00 | 0.00 | 0.00 | 49.25 |
| Quebec | 688446.00 | 480611.00 | 378.20 | 1169435.20 | 0.00 | 0.00 | 0.00 | 597.55 |
| Wisconsin | 24361.34 | 18149.96 | 2520.77 | 45032.07 | 0.00 | 0.00 | 0.00 | 2058.54 |
| Total | 2617403.11 | 761476.81 | 6675.35 | 3396074.60* | 1245.40 | -9508.10 | -8262.70 | 9990.56* |

| Jurisdiction | Principal Facilities | | | | | | | |
|--------------|----------------------|-----------|---------|------------|------------|------------|---------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Illinois | 15874.29 | 0.00 | 0.00 | 15874.29 | 0.00 | 5606.59 | 5606.59 | 10.33 |
| Indiana | 10372.52 | 9224.48 | 397.47 | 19994.47 | 0.00 | 0.00 | 0.00 | 646.58 |
| Michigan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Minnesota | 713.89 | 18314.51 | 17.00 | 19045.39 | 0.00 | 0.00 | 0.00 | 461.14 |
| New York | 579370.18 | 0.00 | 0.00 | 579370.18 | 499.67 | 0.00 | 499.67 | 0.00 |
| Ohio | 10965.65 | 1190.55 | 245.82 | 12402.02 | 0.00 | -46.86 | -46.86 | 512.77 |
| Ontario | 0.00 | 0.00 | 0.00 | 0.00** | 0.00 | 0.00 | 0.00 | 0.00** |
| Pennsylvania | 299.77 | 9.84 | 6.28 | 315.89 | 0.00 | 0.00 | 0.00 | 47.96 |
| Quebec | 688445.00 | 480595.00 | 184.00 | 1169224.00 | 0.00 | 0.00 | 0.00 | 498.10 |
| Wisconsin | 24303.88 | 18130.88 | 405.42 | 42840.17 | 0.00 | 1.06 | 1.06 | 640.56 |
| Total | 1330345.18 | 527465.26 | 1255.99 | 1859066.42 | 499.67 | 5560.79 | 6060.46 | 2817.45 |

*The total presented is larger than the sum of water use categories. This is due to the addition of state-wide data from Michigan, Michigan's withdrawals and consumptive uses for this category cannot presently be reported by individual sub-basin or water withdrawal type.
 **Ontario did not report its Principal Facility withdrawals for 1993.

JURISDICTION REPORT - Illinois

DATE: 09/19/96

a) Withdrawals, Diversions and Consumptive Use - All facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water- Use Categ. | LAKE MICHIGAN | | | TOTAL | | |
|-------------------------|---------------|---------|---------|----------|---------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 4316.41 | 4316.41 | 0.00 | 4316.41 | 4316.41 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 68.33 | 13.93 | 0.00 | 68.33 | 13.93 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 49.89 | 10.14 | 7.80 | 49.89 | 10.14 | 7.80 |
| 7 | 3629.82 | 0.00 | 0.00 | 3629.82 | 0.00 | 0.00 |
| 8 | 6534.01 | 0.00 | 0.00 | 6534.01 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 1268.68 | 1268.68 | 0.00 | 1268.68 | 1268.68 | 0.00 |
| Total | 15867.14 | 5609.16 | 7.80 | 15867.14 | 5609.16 | 7.80 |

b) Withdrawals by Source - All facilities

| Water- Use Categ. | LAKE MICHIGAN | | | TOTAL | | |
|-------------------------|---------------|------|------|----------|------|------|
| | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 4316.41 | 0.00 | 0.00 | 4316.41 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 67.91 | 0.08 | 0.34 | 67.91 | 0.08 | 0.34 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 49.89 | 0.00 | 0.00 | 49.89 | 0.00 | 0.00 |
| 7 | 3629.82 | 0.00 | 0.00 | 3629.82 | 0.00 | 0.00 |
| 8 | 6534.01 | 0.00 | 0.00 | 6534.01 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 1268.68 | 0.00 | 0.00 | 1268.68 | 0.00 | 0.00 |
| Total | 15866.72 | 0.08 | 0.34 | 15866.72 | 0.08 | 0.34 |

c) Diversions by Type - All facilities

| Water- Use Categ. | LAKE MICHIGAN | | TOTAL | |
|-------------------------|---------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 4316.41 | 0.00 | 4316.41 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 13.93 | 0.00 | 13.93 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 10.14 | 0.00 | 10.14 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 1268.68 | 0.00 | 1268.68 |
| Total | 0.00 | 5609.16 | 0.00 | 5609.16 |

Level of Accuracy of Withdrawal Data: 100% Measured
Level of Aggregation of Withdrawal Data Source: 100% Site-specific

JURISDICTION REPORT - Illinois

DATE: 09/19/96

a) Withdrawals, Diversions and Consumptive Use - Principal facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water- Use Categ. | LAKE MICHIGAN | | | TOTAL | | |
|-------------------------|---------------|---------|---------|----------|---------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 4316.41 | 4316.41 | 0.00 | 4316.41 | 4316.41 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 67.91 | 11.36 | 2.57 | 67.91 | 11.36 | 2.57 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 57.46 | 10.14 | 7.76 | 57.46 | 10.14 | 7.76 |
| 7 | 3629.82 | 0.00 | 0.00 | 3629.82 | 0.00 | 0.00 |
| 8 | 6534.01 | 0.00 | 0.00 | 6534.01 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 1268.68 | 1268.68 | 0.00 | 1268.68 | 1268.68 | 0.00 |
| Total | 15874.29 | 5606.59 | 10.33 | 15874.29 | 5606.59 | 10.33 |

b) Withdrawals by Source - Principal facilities

| Water- Use Categ. | LAKE MICHIGAN | | | TOTAL | | |
|-------------------------|---------------|------|------|----------|------|------|
| | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 4316.41 | 0.00 | 0.00 | 4316.41 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 67.91 | 0.00 | 0.00 | 67.91 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 57.46 | 0.00 | 0.00 | 57.46 | 0.00 | 0.00 |
| 7 | 3629.82 | 0.00 | 0.00 | 3629.82 | 0.00 | 0.00 |
| 8 | 6534.01 | 0.00 | 0.00 | 6534.01 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 1268.68 | 0.00 | 0.00 | 1268.68 | 0.00 | 0.00 |
| Total | 15874.29 | 0.00 | 0.00 | 15874.29 | 0.00 | 0.00 |

c) Diversions by Type - Principal facilities

| Water- Use Categ. | LAKE MICHIGAN | | TOTAL | |
|-------------------------|---------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 4316.41 | 0.00 | 4316.41 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 11.36 | 0.00 | 11.36 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 10.14 | 0.00 | 10.14 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 1268.68 | 0.00 | 1268.68 |
| Total | 0.00 | 5606.59 | 0.00 | 5606.59 |

Level of Accuracy of Withdrawal Data: 100% Measured
Level of Aggregation of Withdrawal Data Source: 100% Site-specific

JURISDICTION REPORT - Indiana

DATE: 09/19/96

a) Withdrawals, Diversions and Consumptive Use - All facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water-Use Categ. | LAKE MICHIGAN | | | LAKE ERIE | | | TOTAL | | |
|---------------------|---------------|--------|---------|-----------|--------|---------|----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 539.49 | -8.18 | 80.89 | 147.90 | 0.00 | 22.18 | 687.39 | -8.18 | 103.08 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 174.13 | 0.00 | 26.12 | 21.05 | 0.00 | 3.14 | 195.18 | 0.00 | 29.26 |
| 4 | 73.10 | 0.00 | 65.75 | 4.92 | 0.00 | 4.43 | 78.02 | 0.00 | 70.18 |
| 5 | 27.63 | 0.00 | 22.14 | 7.34 | 0.00 | 5.87 | 34.98 | 0.00 | 28.01 |
| 6 | 6245.34 | 0.00 | 374.72 | 39.22 | 0.00 | 2.38 | 6284.55 | 0.00 | 377.10 |
| 7 | 3907.74 | 0.00 | 78.17 | 1.02 | 0.00 | 0.04 | 3908.76 | 0.00 | 78.21 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 8941.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8941.37 | 0.00 | 0.00 |
| 10 | 0.79 | 0.00 | 0.11 | 0.00 | 0.00 | 0.00 | 0.79 | 0.00 | 0.11 |
| Total | 19909.60 | -8.18 | 647.91 | 221.45 | 0.00 | 38.04 | 20131.05 | -8.18 | 685.95 |

b) Withdrawals by Source - All facilities

| Water-Use Categ. | LAKE MICHIGAN | | | LAKE ERIE | | | TOTAL | | |
|---------------------|---------------|---------|--------|-----------|--------|-------|----------|---------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 339.29 | 0.00 | 200.21 | 0.00 | 121.02 | 26.88 | 339.29 | 121.02 | 227.09 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 74.99 | 99.14 | 0.00 | 0.11 | 20.93 | 0.00 | 75.10 | 120.07 |
| 4 | 0.00 | 19.19 | 53.90 | 0.00 | 1.17 | 3.75 | 0.00 | 20.37 | 57.65 |
| 5 | 0.00 | 7.31 | 20.33 | 0.00 | 0.00 | 7.34 | 0.00 | 7.31 | 27.67 |
| 6 | 6125.49 | 30.62 | 89.22 | 0.00 | 31.34 | 7.87 | 6125.49 | 61.97 | 97.10 |
| 7 | 3907.74 | 0.00 | 0.00 | 0.00 | 0.00 | 1.02 | 3907.74 | 0.00 | 1.02 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 8941.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8941.37 | 0.00 |
| 10 | 0.00 | 0.23 | 0.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.23 | 0.57 |
| Total | 10372.52 | 9073.71 | 463.37 | 0.00 | 153.65 | 67.80 | 10372.52 | 9227.36 | 531.17 |

c) Diversions by Type - All facilities

| Water-Use Categ. | LAKE MICHIGAN | | LAKE ERIE | | TOTAL | |
|---------------------|---------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | -8.18 | 0.00 | 0.00 | 0.00 | -8.18 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | -8.18 | 0.00 | 0.00 | 0.00 | -8.18 |

Level of Accuracy of Withdrawal Data: 3% Measured 51% Partially Measured 46% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 99% Site-specific 1% Aggregated

JURISDICTION REPORT - Indiana

DATE: 09/19/96

a) Withdrawals, Diversions and Consumptive Use - Principal facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water- Use Categ. | LAKE MICHIGAN | | | LAKE ERIE | | | TOTAL | | |
|-------------------------|---------------|--------|---------|-----------|--------|---------|----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 537.30 | 0.00 | 80.59 | 146.23 | 0.00 | 21.92 | 683.53 | 0.00 | 102.51 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 101.03 | 0.00 | 15.14 | 0.11 | 0.00 | 0.00 | 101.15 | 0.00 | 15.14 |
| 4 | 68.29 | 0.00 | 61.44 | 3.86 | 0.00 | 3.44 | 72.15 | 0.00 | 64.88 |
| 5 | 11.55 | 0.00 | 9.27 | 0.00 | 0.00 | 0.00 | 11.55 | 0.00 | 9.27 |
| 6 | 6237.88 | 0.00 | 374.26 | 37.74 | 0.00 | 2.23 | 6275.62 | 0.00 | 376.50 |
| 7 | 3907.74 | 0.00 | 78.17 | 1.02 | 0.00 | 0.04 | 3908.76 | 0.00 | 78.21 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 8941.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8941.37 | 0.00 | 0.00 |
| 10 | 0.34 | 0.00 | 0.08 | 0.00 | 0.00 | 0.00 | 0.34 | 0.00 | 0.08 |
| Total | 19805.50 | 0.00 | 618.95 | 188.97 | 0.00 | 27.63 | 19994.47 | 0.00 | 646.58 |

b) Withdrawals by Source - Principal facilities

| Water- Use Categ. | LAKE MICHIGAN | | | LAKE ERIE | | | TOTAL | | |
|-------------------------|---------------|---------|--------|-----------|--------|-------|----------|---------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 339.29 | 0.00 | 198.01 | 0.00 | 120.98 | 25.25 | 339.29 | 120.98 | 223.26 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 74.95 | 26.08 | 0.00 | 0.11 | 0.00 | 0.00 | 75.06 | 26.08 |
| 4 | 0.00 | 17.22 | 51.07 | 0.00 | 0.57 | 3.29 | 0.00 | 17.79 | 54.36 |
| 5 | 0.00 | 7.31 | 4.24 | 0.00 | 0.00 | 0.00 | 0.00 | 7.31 | 4.24 |
| 6 | 6125.49 | 30.59 | 81.80 | 0.00 | 31.19 | 6.55 | 6125.49 | 61.78 | 88.35 |
| 7 | 3907.74 | 0.00 | 0.00 | 0.00 | 0.00 | 1.02 | 3907.74 | 0.00 | 1.02 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 8941.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8941.37 | 0.00 |
| 10 | 0.00 | 0.19 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.19 | 0.15 |
| Total | 10372.52 | 9071.63 | 361.35 | 0.00 | 152.85 | 36.11 | 10372.52 | 9224.48 | 397.47 |

c) Diversions by Type - Principal facilities

| Water- Use Categ. | LAKE MICHIGAN | | LAKE ERIE | | TOTAL | |
|-------------------------|---------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 3% Measured 51% Partially Measured 46% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 99% Site-specific 1% Aggregated

JURISDICTION REPORT - Michigan

DATE: 09/27/96

a) Withdrawals, Diversions and Consumptive Use - All facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water-Use Categ. | LAKE SUPERIOR | | | LAKE MICHIGAN | | | LAKE HURON | | | LAKE ERIE | | | TOTAL | | |
|------------------|---------------|--------|---------|---------------|--------|---------|------------|--------|---------|-----------|--------|---------|-----------|--------|----------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | 4633.33* | 0.00 | 465.59* |
| 2 | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR |
| 3 | NR | 0.00 | NR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | NR | NR | 0.00 | NR |
| 4 | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR |
| 5 | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | 897.14* | 0.00 | 851.71* |
| 6 | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR |
| 7 | 987.12 | 0.00 | 12.83 | 4132.59 | 0.00 | 53.75 | 2469.86 | 0.00 | 32.10 | 15978.31 | 0.00 | 207.70 | 4989.16* | 0.00 | 499.67* |
| 8 | 0.00 | 0.00 | 0.00 | 8181.34 | 0.00 | 106.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 23567.88 | 0.00 | 306.39 |
| 9 | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | 8181.34 | 0.00 | 106.37 |
| 10 | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 | NR |
| Total | 987.12 | 0.00 | 12.83 | 12313.93 | 0.00 | 160.12 | 2469.86 | 0.00 | 32.10 | 15978.31 | 0.00 | 207.70 | 42268.85* | 0.00 | 2229.73* |

b) Withdrawals by source - All facilities

| Water-Use Categ. | LAKE SUPERIOR | | | LAKE MICHIGAN | | | LAKE HURON | | | LAKE ERIE | | | TOTAL | | |
|------------------|---------------|------|------|---------------|--------|------|------------|------|------|-----------|------|------|----------|--------|------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 2 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 3 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 4 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 5 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 6 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 7 | 987.12 | 0.00 | 0.00 | 3652.91 | 471.05 | 8.63 | 2469.74 | 0.11 | 0.00 | 15977.97 | 0.34 | 0.00 | 23087.74 | 471.51 | 8.63 |
| 8 | 0.00 | 0.00 | 0.00 | 8181.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8181.34 | 0.00 | 0.00 |
| 9 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 10 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Total | 987.12 | 0.00 | 0.00 | 11834.25 | 471.05 | 8.63 | 2469.74 | 0.11 | 0.00 | 15977.97 | 0.34 | 0.00 | 31269.08 | 471.51 | 8.63 |

c) Diversions by Type - All facilities

| Water-Use Categ. | LAKE SUPERIOR | | LAKE MICHIGAN | | LAKE HURON | | LAKE ERIE | | TOTAL | |
|------------------|---------------|------------|---------------|------------|------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

*This total figure cannot presently be reported by individual sub-basin or withdrawal type. NR=not reported
 Level of Accuracy of Withdrawal Data: 11% Measured 87% Partially Measured 2% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 98% Site-specific 2% Aggregated

DATE: 09/27/96

a) Withdrawals, Diversions and Consumptive Use - Principal facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water-Use Categ. | LAKE SUPERIOR | | | LAKE MICHIGAN | | | LAKE HURON | | | LAKE ERIE | | | TOTAL | | |
|---------------------|---------------|--------|---------|---------------|--------|---------|------------|--------|---------|-----------|--------|---------|---------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 2 | NR | 0.00 | NR | NR | 0.00 | NR | NR | NR | 0.00 | NR | NR | NR | NR | NR | NR |
| 3 | NR | 0.00 | NR | NR | 0.00 | NR | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 |
| 4 | NR | 0.00 | NR | NR | 0.00 | NR | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 |
| 5 | NR | 0.00 | NR | NR | 0.00 | NR | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 |
| 6 | NR | 0.00 | NR | NR | 0.00 | NR | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | NR | 0.00 | NR | NR | 0.00 | NR | NR | NR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | NR | 0.00 | NR | NR | 0.00 | NR | NR | NR | 0.00 | NR | NR | 0.00 | NR | NR | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

b) Withdrawals by Source - Principal facilities

| Water-Use Categ. | LAKE SUPERIOR | | | LAKE MICHIGAN | | | LAKE HURON | | | LAKE ERIE | | | TOTAL | | |
|---------------------|---------------|------|------|---------------|------|------|------------|------|------|-----------|------|------|-------|------|------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 2 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 3 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 4 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 5 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 6 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | NR | NR | NR | NR | NR | NR |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 10 | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

c) Diversions by Type - Principal facilities

| Water-Use Categ. | LAKE SUPERIOR | | LAKE MICHIGAN | | LAKE HURON | | LAKE ERIE | | TOTAL | |
|---------------------|---------------|------------|---------------|------------|------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | NR | 0.00 | NR | 0.00 | NR | 0.00 | NR | 0.00 | NR | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | NR | 0.00 | NR | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

NR=not reported

JURISDICTION REPORT - Minnesota

DATE: 01/22/97

a) Withdrawals, Diversions and Consumptive Use - All facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water-Use Categ. | LAKE SUPERIOR | | | TOTAL | | |
|---------------------|---------------|--------|---------|----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 163.38 | 0.00 | 34.30 | 163.38 | 0.00 | 34.30 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 7.99 | 0.00 | 0.64 | 7.99 | 0.00 | .64 |
| 4 | 0.87 | 0.00 | 0.79 | 0.87 | 0.00 | 0.79 |
| 5 | 0.91 | 0.00 | 0.00 | 0.91 | 0.00 | 0.00 |
| 6 | 901.27 | 0.00 | 189.27 | 901.27 | 0.00 | 189.27 |
| 7 | 554.18 | 0.00 | 11.09 | 554.18 | 0.00 | 11.09 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 17405.26 | 0.00 | 0.00 | 17405.26 | 0.00 | 0.00 |
| 10 | 0.57 | 0.00 | 0.00 | 0.57 | 0.00 | 0.00 |
| Total | 19034.43 | 0.00 | 236.09 | 19034.43 | 0.00 | 236.09 |

b) Withdrawals by Source - All facilities

| Water-Use Categ. | LAKE SUPERIOR | | | TOTAL | | |
|---------------------|---------------|----------|-------|--------|----------|-------|
| | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 126.39 | 18.17 | 18.81 | 126.39 | 18.17 | 18.81 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 7.38 | .64 | 0.04 | 7.38 | .64 | 0.04 |
| 4 | 0.04 | 0.79 | 0.04 | 0.04 | 0.79 | 0.04 |
| 5 | 0.00 | 0.11 | 0.79 | 0.00 | 0.11 | 0.79 |
| 6 | 577.42 | 323.50 | 0.34 | 577.42 | 323.50 | 0.34 |
| 7 | 2.80 | 551.31 | 0.08 | 2.80 | 551.31 | 0.08 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 17405.26 | 0.00 | 0.00 | 17405.26 | 0.00 |
| 10 | 0.00 | 0.00 | 0.57 | 0.00 | 0.00 | 0.57 |
| Total | 714.04 | 18299.78 | 20.67 | 714.04 | 18299.78 | 20.67 |

c) Diversions by Type - All facilities

| Water-Use Categ. | LAKE SUPERIOR | | TOTAL | |
|---------------------|---------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 9% Measured
Level of Aggregation of Withdrawal Data Source: 9% Site-specific

91% Calculated or Estimated
91% Aggregated

JURISDICTION REPORT - Minnesota

DATE: 01/22/97

a) Withdrawals, Diversions and Consumptive Use - Principal facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water-Use Categ. | LAKE SUPERIOR | | | TOTAL | | |
|---------------------|---------------|--------|---------|----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 161.33 | 0.00 | 33.88 | 161.33 | 0.00 | 33.88 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 7.91 | 0.00 | 0.64 | 7.91 | 0.00 | 0.64 |
| 4 | 0.72 | 0.00 | 0.64 | 0.72 | 0.00 | 0.64 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 899.71 | 0.00 | 188.92 | 899.71 | 0.00 | 188.92 |
| 7 | 553.54 | 0.00 | 11.09 | 553.54 | 0.00 | 11.09 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 17405.26 | 0.00 | 0.00 | 17405.26 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 19028.47 | 0.00 | 235.17 | 19028.47 | 0.00 | 235.17 |

b) Withdrawals by Source - Principal facilities

| Water-Use Categ. | LAKE SUPERIOR | | | TOTAL | | |
|---------------------|---------------|----------|-------|--------|----------|-------|
| | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 126.28 | 18.02 | 17.00 | 126.28 | 18.02 | 17.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 7.38 | 0.53 | 0.00 | 7.38 | 0.53 | 0.00 |
| 4 | 0.00 | 0.72 | 0.00 | 0.00 | 0.72 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 577.42 | 322.29 | 0.00 | 577.42 | 322.29 | 0.00 |
| 7 | 2.80 | 550.74 | 0.00 | 2.80 | 550.74 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 17405.26 | 0.00 | 0.00 | 17405.26 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 713.89 | 18297.56 | 17.00 | 713.89 | 18297.56 | 17.00 |

c) Diversions by Type - Principal facilities

| Water-Use Categ. | LAKE SUPERIOR | | TOTAL | |
|---------------------|---------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 9% Measured 91% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 9% Site-specific 91% Aggregated

JURISDICTION REPORT - New York

DATE: 09/19/96

a) Withdrawals, Diversions and Consumptive Use - All facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water-Use Categ. | LAKE ERIE | | | LAKE ONTARIO | | | ST. LAWRENCE RIVER | | | TOTAL | | |
|------------------|-----------|--------|---------|--------------|---------|---------|--------------------|--------|---------|-----------|---------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 779.79 | 0.00 | 77.98 | 1006.92 | 0.00 | 100.69 | 476.96 | 0.00 | 47.70 | 2263.67 | 0.00 | 226.37 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 295.26 | 0.00 | 29.53 | 1097.77 | 0.00 | 109.78 | 333.11 | 0.00 | 34.07 | 1726.14 | 0.00 | 173.37 |
| 4 | 6.06 | 0.00 | 5.38 | 30.28 | 0.00 | 26.88 | 4.20 | 0.00 | 3.71 | 40.54 | 0.00 | 35.96 |
| 5 | 5.30 | 0.00 | 4.16 | 24.23 | 0.00 | 12.49 | 11.36 | 0.00 | 9.08 | 40.88 | 0.00 | 25.74 |
| 6 | 221.07 | 0.00 | 21.96 | 832.79 | 0.00 | 83.28 | 276.33 | 0.00 | 27.63 | 1330.19 | 0.00 | 132.87 |
| 7 | 1654.22 | 0.00 | 3.79 | 6658.51 | 0.00 | 30.28 | 0.00 | 0.00 | 0.00 | 8312.73 | 0.00 | 34.07 |
| 8 | 0.00 | 0.00 | 0.00 | 4769.60 | 0.00 | 11.36 | 0.00 | 0.00 | 0.00 | 4769.60 | 0.00 | 11.36 |
| 9 | 2119.82 | 0.00 | 0.00 | 575516.65 | 0.00 | 0.00 | 569062.55 | 0.00 | 0.00 | 1146699.0 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 1245.40 | 1245.40 | 0.00 | 499.67 | 0.00 | 0.00 | 1745.07 | 1245.40 | 0.00 |
| Total | 5081.52 | 0.00 | 142.79 | 591182.14 | 1245.40 | 374.75 | 570664.19 | 0.00 | 122.19 | 1166927.8 | 1245.40 | 639.73 |

b) Withdrawals by Source - All facilities

| Water-Use Categ. | LAKE ERIE | | | LAKE ONTARIO | | | ST. LAWRENCE RIVER | | | TOTAL | | |
|------------------|-----------|--------|--------|--------------|--------|--------|--------------------|-------|--------|-----------|---------|---------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 605.66 | 174.13 | 0.00 | 363.40 | 526.17 | 117.35 | 382.33 | 0.00 | 94.63 | 1351.39 | 700.30 | 211.98 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 37.85 | 37.85 | 219.55 | 382.33 | 363.40 | 352.04 | 193.06 | 75.71 | 64.35 | 613.23 | 476.96 | 635.95 |
| 4 | 4.54 | 0.00 | 1.51 | 26.50 | 0.00 | 3.79 | 3.79 | 0.00 | 0.42 | 34.83 | 0.00 | 5.72 |
| 5 | 1.89 | 0.00 | 3.41 | 9.46 | 0.00 | 14.76 | 3.79 | 0.00 | 7.57 | 15.14 | 0.00 | 25.74 |
| 6 | 208.20 | 0.00 | 12.87 | 681.37 | 0.00 | 151.42 | 257.41 | 0.00 | 18.93 | 1146.98 | 0.00 | 183.21 |
| 7 | 1654.22 | 0.00 | 0.00 | 6658.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8312.73 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 4769.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4769.60 | 0.00 | 0.00 |
| 9 | 2119.82 | 0.00 | 0.00 | 575516.65 | 0.00 | 0.00 | 569062.55 | 0.00 | 0.00 | 1146699.0 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 1245.40 | 0.00 | 0.00 | 499.67 | 0.00 | 0.00 | 1745.07 | 0.00 | 0.00 |
| Total | 4632.19 | 211.98 | 237.34 | 589653.21 | 889.57 | 639.35 | 570402.58 | 75.71 | 185.90 | 1164688.0 | 1177.26 | 1062.60 |

c) Diversions by Type - All facilities

| Water-Use Categ. | LAKE ERIE | | LAKE ONTARIO | | ST. LAWRENCE RIVER | | TOTAL | |
|------------------|------------|------------|--------------|------------|--------------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 1245.40 | 0.00 | 0.00 | 0.00 | 1245.40 | 0.00 |
| Total | 0.00 | 0.00 | 1245.40 | 0.00 | 0.00 | 0.00 | 1245.40 | 0.00 |

Level of Accuracy of Withdrawal Data: 2% Measured 61% Partially Measured 37% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 100% Site-specific

JURISDICTION REPORT - New York

DATE: 09/19/96

a) Withdrawals, Diversions and Consumptive Use - Principal facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water-Use Categ. | LAKE ERIE | | | LAKE ONTARIO | | | ST. LAWRENCE RIVER | | | TOTAL | | |
|---------------------|-----------|--------|---------|--------------|--------|---------|--------------------|--------|---------|-----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 1654.22 | 0.00 | 0.00 | 6658.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8312.73 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 4769.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4769.60 | 0.00 | 0.00 |
| 9 | 2119.82 | 0.00 | 0.00 | 210608.14 | 0.00 | 0.00 | 351814.82 | 0.00 | 0.00 | 564542.78 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 1245.40 | 0.00 | 0.00 | 499.67 | 499.67 | 0.00 | 1745.07 | 499.67 | 0.00 |
| Total | 3774.04 | 0.00 | 0.00 | 223281.65 | 0.00 | 0.00 | 352314.49 | 499.67 | 0.00 | 579370.18 | 499.67 | 0.00 |

b) Withdrawals by Source - Principal facilities

| Water-Use Categ. | LAKE ERIE | | | LAKE ONTARIO | | | ST. LAWRENCE RIVER | | | TOTAL | | |
|---------------------|-----------|------|------|--------------|------|------|--------------------|--------|------|-----------|------|------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 1654.22 | 0.00 | 0.00 | 6658.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8312.73 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 4769.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4769.60 | 0.00 | 0.00 |
| 9 | 2119.82 | 0.00 | 0.00 | 210608.14 | 0.00 | 0.00 | 351814.82 | 0.00 | 0.00 | 564542.78 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 1245.40 | 0.00 | 0.00 | 499.67 | 499.67 | 0.00 | 1745.07 | 0.00 | 0.00 |
| Total | 3774.04 | 0.00 | 0.00 | 223281.65 | 0.00 | 0.00 | 352314.49 | 0.00 | 0.00 | 579370.18 | 0.00 | 0.00 |

c) Diversions by Type - Principal facilities

| Water-Use Categ. | LAKE ERIE | | LAKE ONTARIO | | ST. LAWRENCE RIVER | | TOTAL | |
|---------------------|------------|------------|--------------|------------|--------------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 499.67 | 0.00 | 499.67 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 499.67 | 0.00 | 499.67 | 0.00 |

Level of Accuracy of Withdrawal Data: 2% Measured 61% Partially Measured 37% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 100% Site-specific

JURISDICTION REPORT - Ohio

DATE: 09/19/96

a) Withdrawals, Diversions and Consumptive Use - All facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water-Use Categ. | LAKE ERIE | | | TOTAL | | |
|---------------------|-----------|--------|---------|----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 2270.75 | 0.83 | 340.61 | 2270.75 | 0.83 | 340.61 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 225.99 | 0.00 | 33.92 | 225.99 | 0.00 | 33.92 |
| 4 | 41.98 | 0.00 | 37.74 | 41.98 | 0.00 | 37.74 |
| 5 | 49.70 | 0.00 | 39.75 | 49.70 | 0.00 | 39.75 |
| 6 | 776.99 | 0.00 | 77.68 | 776.99 | 0.00 | 77.68 |
| 7 | 8890.57 | 0.00 | 0.30 | 8890.57 | 0.00 | 0.30 |
| 8 | 448.61 | 0.00 | 76.28 | 448.61 | 0.00 | 76.28 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 19.68 | -47.70 | 0.00 | 19.68 | -47.70 | 0.00 |
| Total | 12724.27 | -46.86 | 606.27 | 12724.27 | -46.86 | 606.27 |

b) Withdrawals by Source - All facilities

| Water-Use Categ. | LAKE ERIE | | | TOTAL | | |
|---------------------|-----------|---------|--------|----------|---------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 1701.04 | 437.63 | 132.07 | 1701.04 | 437.63 | 132.07 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 225.99 | 0.00 | 0.00 | 225.99 |
| 4 | 0.45 | 33.54 | 7.99 | 0.45 | 33.54 | 7.99 |
| 5 | 0.00 | 8.71 | 41.00 | 0.00 | 8.71 | 41.00 |
| 6 | 69.31 | 573.53 | 134.15 | 69.31 | 573.53 | 134.15 |
| 7 | 8742.34 | 148.24 | 0.00 | 8742.34 | 148.24 | 0.00 |
| 8 | 448.61 | 0.00 | 0.00 | 448.61 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 4.96 | 14.12 | 0.61 | 4.96 | 14.12 | 0.61 |
| Total | 10966.71 | 1215.76 | 541.80 | 10966.71 | 1215.76 | 541.80 |

c) Diversions by Type - All facilities

| Water-Use Categ. | LAKE ERIE | | TOTAL | |
|---------------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.83 | 0.00 | 0.83 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | -47.70 | 0.00 | -47.70 |
| Total | 0.00 | -46.86 | 0.00 | -46.86 |

Level of Accuracy of Withdrawal Data: 100% Partially Measured
Level of Aggregation of Withdrawal Data Source: 100% Site-specific

JURISDICTION REPORT - Ohio

DATE: 09/19/96

a) Withdrawals, Diversions and Consumptive Use - Principal facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water- Use Categ. | LAKE ERIE | | | TOTAL | | |
|-------------------------|-----------|--------|---------|----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 2248.94 | 0.83 | 337.35 | 2248.94 | 0.83 | 337.35 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 21.20 | 0.00 | 19.12 | 21.20 | 0.00 | 19.12 |
| 5 | 3.26 | 0.00 | 2.61 | 3.26 | 0.00 | 2.61 |
| 6 | 771.01 | 0.00 | 77.11 | 771.01 | 0.00 | 77.11 |
| 7 | 8890.57 | 0.00 | 0.30 | 8890.57 | 0.00 | 0.30 |
| 8 | 448.61 | 0.00 | 76.28 | 448.61 | 0.00 | 76.28 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 18.43 | -47.70 | 0.00 | 18.43 | -47.70 | 0.00 |
| Total | 12402.02 | -46.86 | 512.77 | 12402.02 | -46.86 | 512.77 |

b) Withdrawals by Source - Principal facilities

| Water- Use Categ. | LAKE ERIE | | | TOTAL | | |
|-------------------------|-----------|---------|--------|----------|---------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 1700.55 | 436.27 | 112.12 | 1700.55 | 436.27 | 112.12 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 17.98 | 3.22 | 0.00 | 17.98 | 3.22 |
| 5 | 0.00 | 2.65 | 0.61 | 0.00 | 2.65 | 0.61 |
| 6 | 69.20 | 572.39 | 129.42 | 69.20 | 572.39 | 129.42 |
| 7 | 8742.34 | 148.24 | 0.00 | 8742.34 | 148.24 | 0.00 |
| 8 | 448.61 | 0.00 | 0.00 | 448.61 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 4.96 | 13.02 | 0.45 | 4.96 | 13.02 | 0.45 |
| Total | 10965.65 | 1190.55 | 245.82 | 10965.65 | 1190.55 | 245.82 |

c) Diversions by Type - Principal facilities

| Water- Use Categ. | LAKE ERIE | | TOTAL | |
|-------------------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.83 | 0.00 | 0.83 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | -47.70 | 0.00 | -47.70 |
| Total | 0.00 | -46.86 | 0.00 | -46.86 |

Level of Accuracy of Withdrawal Data: 100% Partially Measured
Level of Aggregation of Withdrawal Data Source: 100% Site-specific

a) Withdrawals, Diversions and Consumptive Use - All facilities

| Water-Use Categ. | LAKE SUPERIOR | | | LAKE HURON | | | LAKE ERIE | | | LAKE ONTARIO | | | ST. LAWRENCE RIVER | | | TOTAL | | | |
|------------------|---------------|-----------|---------|------------|--------|---------|-----------|----------|---------|--------------|-----------|---------|--------------------|--------|---------|-----------|-----------|---------|------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | |
| 1 | 79.65 | 0.00 | 11.95 | 571.10 | 171.40 | 85.66 | 776.76 | -171.40 | 116.35 | 3156.46 | 0.00 | 473.47 | 596.30 | 0.00 | 89.44 | 5180.27 | 0.00 | 776.87 | |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 6.51 | 0.00 | 0.98 | 115.73 | 0.00 | 17.36 | 115.15 | 0.00 | 17.27 | 136.72 | 0.00 | 20.51 | 131.61 | 0.00 | 19.74 | 505.72 | 0.00 | 75.86 | |
| 4 | 0.74 | 0.00 | 0.58 | 102.14 | 0.00 | 79.67 | 477.41 | 0.00 | 372.38 | 107.99 | 0.00 | 84.23 | 20.59 | 0.00 | 16.06 | 708.87 | 0.00 | 552.92 | |
| 5 | 1.26 | 0.00 | 1.01 | 64.72 | 0.00 | 51.78 | 65.72 | 0.00 | 52.58 | 34.02 | 0.00 | 27.22 | 37.33 | 0.00 | 29.86 | 203.05 | 0.00 | 162.45 | |
| 6 | 700.90 | 0.00 | 70.09 | 3087.10 | 0.00 | 308.71 | 1985.70 | 0.00 | 198.57 | 3471.60 | 0.00 | 347.16 | 635.60 | 0.00 | 63.56 | 9880.90 | 0.00 | 988.09 | |
| 7 | 753.42 | 0.00 | 7.39 | 0.00 | 0.00 | 0.00 | 5561.64 | 0.00 | 50.05 | 895.62 | 0.00 | 8.07 | 0.00 | 0.00 | 0.00 | 7210.68 | 0.00 | 65.51 | |
| 8 | 0.00 | 0.00 | 0.00 | 22602.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 28356.16 | 0.00 | 255.20 | 0.00 | 0.00 | 0.00 | 50958.90 | 0.00 | 255.20 | |
| 9 | 150057.60 | -15062.22 | 0.00 | 137387.75 | 0.00 | 0.00 | 14030.16 | 14030.16 | 0.00 | 188537.32 | -14030.16 | 0.00 | 336432.60 | 0.00 | 2.14 | 826445.43 | -15062.22 | 2.14 | |
| 10 | 0.00 | 0.00 | 0.00 | 148.36 | 0.00 | 0.00 | 2489.52 | 2489.52 | 0.00 | 486.23 | -2489.52 | 0.00 | 101.93 | 0.00 | 0.00 | 3226.04 | 0.00 | 0.00 | |
| Total | 151600.08 | -15062.22 | 92.00 | 164079.64 | 171.40 | 543.18 | 25502.06 | 16348.28 | 807.20 | 225182.12 | -16519.68 | 1215.86 | 337955.96 | 0.00 | 220.80 | 904319.86 | -15062.22 | 2879.04 | |

b) Withdrawals by Source - All facilities

| Water-Use Categ. | LAKE SUPERIOR | | | LAKE HURON | | | LAKE ERIE | | | LAKE ONTARIO | | | ST. LAWRENCE RIVER | | | TOTAL | | | |
|------------------|---------------|-----------|-------|------------|----------|--------|-----------|--------|--------|--------------|----------|--------|--------------------|--------|--------|-----------|-----------|---------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | |
| 1 | 62.38 | 9.91 | 7.36 | 248.61 | 146.43 | 176.06 | 411.23 | 72.61 | 292.92 | 2937.62 | 142.07 | 76.77 | 153.96 | 422.71 | 19.63 | 3813.80 | 793.73 | 572.74 | |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 6.51 | 0.00 | 0.00 | 115.73 | 0.00 | 0.00 | 115.15 | 0.00 | 0.00 | 136.72 | 0.00 | 0.00 | 131.61 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.52 | 0.22 | 0.00 | 77.47 | 24.67 | 0.00 | 351.63 | 125.78 | 0.00 | 78.63 | 29.36 | 0.00 | 15.02 | 5.57 | 0.00 | 523.27 | 185.60 | 505.72 |
| 5 | 0.00 | 0.00 | 1.26 | 0.00 | 0.00 | 64.72 | 0.00 | 0.00 | 65.72 | 0.00 | 0.00 | 34.02 | 0.00 | 0.00 | 37.33 | 0.00 | 0.00 | 0.00 | 203.05 |
| 6 | 651.10 | 41.30 | 8.50 | 2736.00 | 301.30 | 49.80 | 1846.20 | 103.30 | 36.20 | 3032.30 | 426.90 | 12.40 | 501.90 | 113.50 | 20.20 | 8767.50 | 986.30 | 127.10 | |
| 7 | 753.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5561.64 | 0.00 | 0.00 | 895.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7210.68 | 0.00 | 0.00 | |
| 8 | 0.00 | 0.00 | 0.00 | 22602.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 28356.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 50958.90 | 0.00 | 0.00 | |
| 9 | 0.00 | 150057.60 | 0.00 | 86482.58 | 50905.17 | 0.00 | 14030.16 | 0.00 | 0.00 | 160233.21 | 28304.11 | 0.00 | 336432.60 | 0.00 | 0.00 | 597178.55 | 229266.88 | 0.00 | |
| 10 | 0.00 | 0.00 | 0.00 | 148.36 | 0.00 | 0.00 | 2489.52 | 0.00 | 0.00 | 486.23 | -2489.52 | 0.00 | 101.93 | 0.00 | 0.00 | 2489.52 | 736.52 | 0.00 | |
| Total | 1466.90 | 150109.33 | 23.85 | 112069.93 | 51578.73 | 430.98 | 24338.75 | 527.54 | 635.77 | 195454.91 | 29437.94 | 289.27 | 337088.46 | 653.16 | 214.34 | 670418.95 | 232306.70 | 1594.21 | |

c) Diversions by Type - All facilities

| Water-Use Categ. | LAKE SUPERIOR | | LAKE HURON | | LAKE ERIE | | LAKE ONTARIO | | ST. LAWRENCE RIVER | | TOTAL | |
|------------------|---------------|------------|------------|------------|------------|------------|--------------|------------|--------------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 171.40 | 0.00 | -171.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | -15062.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 14030.16 | 0.00 | -14030.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | -15062.22 | 171.40 | 0.00 | 16348.28 | 0.00 | -16519.68 | 0.00 | 0.00 | 0.00 | 0.00 | -15062.22 |

Level of Accuracy of Withdrawal Data: 100% Partially Measured
Level of Aggregation of Withdrawal Data Source: 100% Site-specific

* Ontario did not report its Principal Facility withdrawals for 1993.

a) Withdrawals, Diversions and Consumptive Use - Principal facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water-Use Categ. | LAKE SUPERIOR | | | LAKE HURON | | | LAKE ERIE | | | LAKE ONTARIO | | | ST. LAWRENCE RIVER | | | TOTAL | | |
|------------------|---------------|--------|---------|------------|--------|---------|-----------|--------|---------|--------------|--------|---------|--------------------|--------|---------|---------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

b) Withdrawals by Source - Principal facilities

| Water-Use Categ. | LAKE SUPERIOR | | | LAKE HURON | | | LAKE ERIE | | | LAKE ONTARIO | | | ST. LAWRENCE RIVER | | | TOTAL | | |
|------------------|---------------|------|------|------------|------|------|-----------|------|------|--------------|------|------|--------------------|------|------|-------|------|------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

c) Diversions by Type - Principal facilities

| Water-Use Categ. | LAKE SUPERIOR | | LAKE HURON | | LAKE ERIE | | LAKE ONTARIO | | ST. LAWRENCE RIVER | | TOTAL | |
|------------------|---------------|------------|------------|------------|------------|------------|--------------|------------|--------------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 100% Partially Measured
Level of Aggregation of Withdrawal Data Source: 100% Site-specific

JURISDICTION REPORT - Pennsylvania

DATE: 11/14/96

a) Withdrawals, Diversions and Consumptive Use - All facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water- Use Categ. | LAKE ERIE | | | LAKE ONTARIO | | | TOTAL | | |
|-------------------------|-----------|--------|---------|--------------|--------|---------|---------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 167.35 | 0.00 | 16.77 | 0.45 | 0.00 | 0.04 | 167.81 | 0.00 | 16.81 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 7.46 | 0.00 | 0.76 | 0.26 | 0.00 | 0.04 | 7.72 | 0.00 | 0.79 |
| 4 | 1.32 | 0.00 | 1.21 | 0.00 | 0.00 | 0.00 | 1.32 | 0.00 | 1.21 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 149.90 | 0.00 | 30.43 | 0.00 | 0.00 | 0.00 | 149.90 | 0.00 | 30.43 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 326.04 | 0.00 | 49.17 | 0.72 | 0.00 | 0.08 | 326.76 | 0.00 | 49.25 |

b) Withdrawals by Source - All facilities

| Water- Use Categ. | LAKE ERIE | | | LAKE ONTARIO | | | TOTAL | | |
|-------------------------|-----------|-------|-------|--------------|------|------|--------|-------|-------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 153.69 | 5.87 | 7.80 | 0.00 | 0.00 | 0.45 | 153.69 | 5.87 | 8.25 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 7.46 | 0.00 | 0.00 | 0.26 | 0.00 | 0.00 | 7.72 |
| 4 | 0.00 | 1.10 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 1.10 | 0.23 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 146.08 | 3.07 | 0.76 | 0.00 | 0.00 | 0.00 | 146.08 | 3.07 | 0.76 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 299.77 | 10.03 | 16.24 | 0.00 | 0.00 | 0.72 | 299.77 | 10.03 | 16.96 |

c) Diversions by Type - All facilities

| Water- Use Categ. | LAKE ERIE | | LAKE ONTARIO | | TOTAL | |
|-------------------------|------------|------------|--------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 51% Measured 49% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 98% Site-specific 2% Aggregated

JURISDICTION REPORT - Pennsylvania

DATE: 11/14/96

a) Withdrawals, Diversions and Consumptive Use - Principal facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water-Use Categ. | LAKE ERIE | | | LAKE ONTARIO | | | TOTAL | | |
|------------------|-----------|--------|---------|--------------|--------|---------|---------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 165.35 | 0.00 | 16.54 | 0.00 | 0.00 | 0.00 | 165.35 | 0.00 | 16.54 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 1.25 | 0.00 | 1.14 | 0.00 | 0.00 | 0.00 | 1.25 | 0.00 | 1.14 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 149.30 | 0.00 | 30.28 | 0.00 | 0.00 | 0.00 | 149.30 | 0.00 | 30.28 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 315.89 | 0.00 | 47.96 | 0.00 | 0.00 | 0.00 | 315.89 | 0.00 | 47.96 |

b) Withdrawals by Source - Principal facilities

| Water-Use Categ. | LAKE ERIE | | | LAKE ONTARIO | | | TOTAL | | |
|------------------|-----------|------|------|--------------|------|------|--------|------|------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 153.69 | 5.87 | 5.79 | 0.00 | 0.00 | 0.00 | 153.69 | 5.87 | 5.79 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 1.02 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 1.02 | 0.23 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 146.08 | 2.95 | 0.26 | 0.00 | 0.00 | 0.00 | 146.08 | 2.95 | 0.26 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 299.77 | 9.84 | 6.28 | 0.00 | 0.00 | 0.00 | 299.77 | 9.84 | 6.28 |

c) Diversions by Type - Principal facilities

| Water-Use Categ. | LAKE ERIE | | LAKE ONTARIO | | TOTAL | |
|------------------|------------|------------|--------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 51% Measured 49% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 98% Site-specific 2% Aggregated

JURISDICTION REPORT - Quebec

DATE: 10/09/96

a) Withdrawals, Diversions and Consumptive Use - All facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water- Use Categ. | ST. LAWRENCE RIVER | | | TOTAL | | |
|-------------------------|--------------------|--------|---------|-----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 4164.00 | 0.00 | 416.00 | 4164.00 | 0.00 | 416.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 271.00 | 0.00 | 27.00 | 271.00 | 0.00 | 27.00 |
| 4 | 34.90 | 0.00 | 31.41 | 34.90 | 0.00 | 31.41 |
| 5 | 72.30 | 0.00 | 57.84 | 72.30 | 0.00 | 57.84 |
| 6 | 475.00 | 0.00 | 47.50 | 475.00 | 0.00 | 47.50 |
| 7 | 178.00 | 0.00 | 17.80 | 178.00 | 0.00 | 17.80 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 1164240.0 | 0.00 | 0.00 | 1164240.0 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 1169435.2 | 0.00 | 597.55 | 1169435.2 | 0.00 | 597.55 |

b) Withdrawals by Source - All facilities

| Water- Use Categ. | ST. LAWRENCE RIVER | | | TOTAL | | |
|-------------------------|--------------------|-----------|--------|-----------|-----------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 2282.00 | 1882.00 | 0.00 | 2282.00 | 1882.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 271.00 | 0.00 | 0.00 | 271.00 |
| 4 | 0.00 | 0.00 | 34.90 | 0.00 | 0.00 | 34.90 |
| 5 | 0.00 | 0.00 | 72.30 | 0.00 | 0.00 | 72.30 |
| 6 | 0.00 | 475.00 | 0.00 | 0.00 | 475.00 | 0.00 |
| 7 | 148.00 | 30.00 | 0.00 | 148.00 | 30.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 686016.00 | 478224.00 | 0.00 | 686016.00 | 478224.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 688446.00 | 480611.00 | 378.20 | 688446.00 | 480611.00 | 378.20 |

c) Diversions by Type - All facilities

| Water- Use Categ. | ST. LAWRENCE RIVER | | TOTAL | |
|-------------------------|--------------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 99.5% Measured
Level of Aggregation of Withdrawal Data Source: 100% Site-specific

.4% Partially Measured

.1% Calculated or Estimated

JURISDICTION REPORT - Quebec

DATE: 10/09/96

a) Withdrawals, Diversions and Consumptive Use - Principal facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water-Use Categ. | ST. LAWRENCE RIVER | | | TOTAL | | |
|---------------------|--------------------|--------|---------|-----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 4149.00 | 0.00 | 415.00 | 4149.00 | 0.00 | 415.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 184.00 | 0.00 | 18.00 | 184.00 | 0.00 | 18.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 473.00 | 0.00 | 47.30 | 473.00 | 0.00 | 47.30 |
| 7 | 178.00 | 0.00 | 17.80 | 178.00 | 0.00 | 17.80 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 1164240.0 | 0.00 | 0.00 | 1164240.0 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 1169224.0 | 0.00 | 498.10 | 1169224.0 | 0.00 | 498.10 |

b) Withdrawals by Source - Principal facilities

| Water-Use Categ. | ST. LAWRENCE RIVER | | | TOTAL | | |
|---------------------|--------------------|-----------|--------|-----------|-----------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 2281.00 | 1868.00 | 0.00 | 2281.00 | 1868.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 184.00 | 0.00 | 0.00 | 184.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 473.00 | 0.00 | 0.00 | 473.00 | 0.00 |
| 7 | 148.00 | 30.00 | 0.00 | 148.00 | 30.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 686016.00 | 478224.00 | 0.00 | 686016.00 | 478224.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 688445.00 | 480595.00 | 184.00 | 688445.00 | 480595.00 | 184.00 |

c) Diversions by Type - Principal facilities

| Water-Use Categ. | ST. LAWRENCE RIVER | | TOTAL | |
|---------------------|--------------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 99.5% Measured
Level of Aggregation of Withdrawal Data Source: 100% Site-specific

.4% Partially Measured .1% Calculated or Estimated

JURISDICTION REPORT - Wisconsin

DATE: 03/25/97

a) Withdrawals, Diversions and Consumptive Use - All facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water- Use Categ. | LAKE SUPERIOR | | | LAKE MICHIGAN | | | TOTAL | | |
|-------------------------|---------------|--------|---------|---------------|--------|---------|----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 20.44 | 0.00 | 3.07 | 1306.34 | 0.72 | 195.74 | 1326.78 | 0.72 | 198.81 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 13.17 | 0.00 | 1.97 | 104.86 | 0.00 | 15.52 | 118.03 | 0.00 | 17.49 |
| 4 | 0.00 | 0.00 | 0.00 | 2034.65 | 0.00 | 1424.26 | 2034.65 | 0.00 | 1424.26 |
| 5 | 0.00 | 0.00 | 0.00 | 2.50 | 0.00 | 2.01 | 2.50 | 0.00 | 2.01 |
| 6 | 0.15 | 0.00 | 0.00 | 1216.89 | 0.00 | 182.19 | 1217.04 | 0.00 | 182.19 |
| 7 | 83.66 | 0.00 | 0.00 | 4663.27 | 0.00 | 46.64 | 4746.93 | 0.00 | 46.64 |
| 8 | 0.00 | 0.00 | 0.00 | 18714.74 | 0.00 | 187.15 | 18714.74 | 0.00 | 187.15 |
| 9 | 557.32 | 0.00 | 0.00 | 16314.08 | 0.00 | 0.00 | 16871.40 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 674.75 | 0.00 | 5.03 | 44357.32 | 0.72 | 2053.50 | 45032.07 | 0.72 | 2058.54 |

b) Withdrawals by Source - All facilities

| Water- Use Categ. | LAKE SUPERIOR | | | LAKE MICHIGAN | | | TOTAL | | |
|-------------------------|---------------|--------|-------|---------------|----------|---------|----------|----------|---------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 20.44 | 0.00 | 0.00 | 895.93 | 94.33 | 316.08 | 916.37 | 94.33 | 316.08 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 13.17 | 0.00 | 0.00 | 104.86 | 0.00 | 0.00 | 118.03 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2034.65 | 0.00 | 0.00 | 2034.65 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.50 | 0.00 | 0.00 | 2.50 |
| 6 | 0.00 | 0.00 | 0.15 | 6.09 | 1163.33 | 47.47 | 6.09 | 1163.33 | 47.62 |
| 7 | 83.66 | 0.00 | 0.00 | 4640.48 | 20.90 | 1.89 | 4724.14 | 20.90 | 1.89 |
| 8 | 0.00 | 0.00 | 0.00 | 18714.74 | 0.00 | 0.00 | 18714.74 | 0.00 | 0.00 |
| 9 | 0.00 | 557.32 | 0.00 | 0.00 | 16314.08 | 0.00 | 0.00 | 16871.40 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 104.10 | 557.32 | 13.32 | 24257.24 | 17592.63 | 2507.45 | 24361.34 | 18149.96 | 2520.77 |

c) Diversions by Type - All facilities

| Water- Use Categ. | LAKE SUPERIOR | | LAKE MICHIGAN | | TOTAL | |
|-------------------------|---------------|------------|---------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.72 | 0.00 | 0.72 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.72 | 0.00 | 0.72 |

Level of Accuracy of Withdrawal Data: 100% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 100% Aggregated

JURISDICTION REPORT - Wisconsin

DATE: 03/25/97

a) Withdrawals, Diversions and Consumptive Use - Principal facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water- Use Categ. | LAKE SUPERIOR | | | LAKE MICHIGAN | | | TOTAL | | |
|-------------------------|---------------|--------|---------|---------------|--------|---------|----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 17.56 | 0.00 | 2.65 | 1306.26 | 0.72 | 195.71 | 1323.83 | 0.72 | 198.35 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 41.72 | 0.00 | 29.19 | 41.72 | 0.00 | 29.19 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.15 | 0.00 | 0.00 | 1197.89 | 0.00 | 179.77 | 1198.04 | 0.00 | 179.77 |
| 7 | 78.24 | 0.00 | 0.00 | 4612.20 | 0.00 | 46.11 | 4690.45 | 0.00 | 46.11 |
| 8 | 0.00 | 0.00 | 0.00 | 18714.74 | 0.00 | 187.15 | 18714.74 | 0.00 | 187.15 |
| 9 | 557.32 | 0.00 | 0.00 | 16314.08 | 0.00 | 0.00 | 16871.40 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 653.28 | 0.00 | 2.65 | 42186.89 | 0.72 | 637.92 | 42840.17 | 0.72 | 640.56 |

b) Withdrawals by Source - Principal facilities

| Water- Use Categ. | LAKE SUPERIOR | | | LAKE MICHIGAN | | | TOTAL | | |
|-------------------------|---------------|--------|------|---------------|----------|--------|----------|----------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 17.56 | 0.00 | 0.00 | 895.93 | 94.26 | 316.08 | 913.49 | 94.26 | 316.08 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 41.72 | 0.00 | 0.00 | 41.72 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.15 | 6.09 | 1144.33 | 47.47 | 6.09 | 1144.33 | 47.62 |
| 7 | 78.24 | 0.00 | 0.00 | 4591.31 | 20.90 | 0.00 | 4669.55 | 20.90 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 18714.74 | 0.00 | 0.00 | 18714.74 | 0.00 | 0.00 |
| 9 | 0.00 | 557.32 | 0.00 | 0.00 | 16314.08 | 0.00 | 0.00 | 16871.40 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 95.81 | 557.32 | 0.15 | 24208.07 | 17573.56 | 405.26 | 24303.88 | 18130.88 | 405.42 |

c) Diversions by Type - Principal facilities

| Water- Use Categ. | LAKE SUPERIOR | | LAKE MICHIGAN | | TOTAL | |
|-------------------------|---------------|------------|---------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.72 | 0.00 | 0.72 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.72 | 0.00 | 0.72 |

Level of Accuracy of Withdrawal Data: 100% Calculated or Estimated
Level of Aggregation of Withdrawal Data Source: 100% Aggregated

BASIN REPORT - Lake Superior

a) Withdrawals, Diversions and Consumptive Use - All Facilities

DATE: 05/06/97

UNITS: ML/d
YEAR OF DATA: 1993

| Water-Use Categ. | MICHIGAN* | | | MINNESOTA | | | ONTARIO | | | WISCONSIN | | | TOTAL | | |
|---------------------|-----------|--------|---------|-----------|--------|---------|-----------|-----------|---------|-----------|--------|---------|-----------|-----------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 0.00 | 0.00 | 0.00 | 163.38 | 0.00 | 34.30 | 79.65 | 0.00 | 11.95 | 20.44 | 0.00 | 3.07 | 263.47 | 0.00 | 49.31 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 15.44 | 0.00 | 1.25 | 6.51 | 0.00 | 0.98 | 13.17 | 0.00 | 1.97 | 35.13 | 0.00 | 4.20 |
| 4 | 0.00 | 0.00 | 0.00 | 0.87 | 0.00 | 0.79 | 0.74 | 0.00 | 0.58 | 0.00 | 0.00 | 0.00 | 1.61 | 0.00 | 1.37 |
| 5 | 0.00 | 0.00 | 0.00 | 0.91 | 0.00 | 0.00 | 1.26 | 0.00 | 1.01 | 0.00 | 0.00 | 0.00 | 2.17 | 0.00 | 1.01 |
| 6 | 0.00 | 0.00 | 0.00 | 901.27 | 0.00 | 189.27 | 700.90 | 0.00 | 70.09 | 0.15 | 0.00 | 0.00 | 1602.32 | 0.00 | 259.36 |
| 7 | 987.12 | 0.00 | 12.83 | 554.18 | 0.00 | 11.09 | 753.42 | 0.00 | 7.39 | 83.66 | 0.00 | 0.00 | 2378.38 | 0.00 | 31.31 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 17405.26 | 0.00 | 0.00 | 150057.60 | -15062.22 | 0.00 | 557.32 | 0.00 | 0.00 | 168020.18 | -15062.22 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.57 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.57 | 0.00 | 0.00 |
| Total | 987.12 | 0.00 | 12.83 | 19041.87 | 0.00 | 236.70 | 151600.08 | -15062.22 | 92.00 | 674.75 | 0.00 | 5.03 | 172303.82 | -15062.22 | 346.57 |

b) Withdrawals by Source - All Facilities

| Water-Use Categ. | MICHIGAN* | | | MINNESOTA | | | ONTARIO | | | WISCONSIN | | | TOTAL | | |
|---------------------|-----------|------|------|-----------|----------|-------|---------|-----------|-------|-----------|--------|-------|-----------|-----------|-------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 0.00 | 0.00 | 0.00 | 126.39 | 18.17 | 18.81 | 62.38 | 9.91 | 7.36 | 20.44 | 0.00 | 0.00 | 209.22 | 28.08 | 26.17 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 7.38 | 8.03 | 0.04 | 0.00 | 0.00 | 6.51 | 0.00 | 0.00 | 13.17 | 7.38 | 8.03 | 19.72 |
| 4 | 0.00 | 0.00 | 0.00 | 0.04 | 0.79 | 0.04 | 0.00 | 0.52 | 0.22 | 0.00 | 0.00 | 0.00 | 0.04 | 1.31 | 0.26 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.79 | 0.00 | 0.00 | 1.26 | 0.00 | 0.00 | 0.00 | 0.04 | 1.11 | 2.05 |
| 6 | 0.00 | 0.00 | 0.00 | 577.42 | 323.50 | 0.34 | 651.10 | 41.30 | 8.50 | 0.00 | 0.00 | 0.15 | 1228.52 | 364.80 | 8.99 |
| 7 | 987.12 | 0.00 | 0.00 | 2.80 | 551.31 | 0.08 | 753.42 | 0.00 | 0.00 | 83.66 | 0.00 | 0.00 | 1827.00 | 551.31 | 0.08 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 17405.26 | 0.00 | 0.00 | 150057.60 | 0.00 | 557.32 | 0.00 | 0.00 | 168020.18 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.57 | 0.00 | 0.00 | 0.00 | 0.00 | 557.32 | 0.00 | 0.00 | 168020.18 | 0.00 |
| Total | 987.12 | 0.00 | 0.00 | 714.04 | 18307.17 | 20.67 | 1466.90 | 150109.33 | 23.85 | 104.10 | 557.32 | 13.32 | 3272.16 | 168973.82 | 57.84 |

c) Diversions by Type - All Facilities

| Water-Use Categ. | MICHIGAN* | | MINNESOTA | | ONTARIO | | WISCONSIN | | TOTAL | |
|---------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -15062.22 | 0.00 | 0.00 | 0.00 | -15062.22 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -15062.22 | 0.00 | 0.00 | 0.00 | -15062.22 |

Level of Accuracy of Withdrawal Data: 39% Measured 23% Partially Measured 28% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 63% Site-specific 28% Aggregated
 * The State of Michigan was unable to report by sub-basin for most categories of use.

BASIN REPORT - Lake Superior

DATE: 05/06/97

a) Withdrawals, Diversions and Consumptive Use - Principal Facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water-Use Categ. | MICHIGAN* | | | MINNESOTA | | | ONTARIO** | | | WISCONSIN | | | TOTAL | | |
|------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 0.00 | 0.00 | 0.00 | 178.25 | 0.00 | 37.44 | 0.00 | 0.00 | 0.00 | 17.56 | 0.00 | 2.65 | 195.82 | 0.00 | 40.09 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 7.91 | 0.00 | 0.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.91 | 0.00 | 0.64 |
| 4 | 0.00 | 0.00 | 0.00 | 0.72 | 0.00 | 0.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.72 | 0.00 | 0.64 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 899.71 | 0.00 | 411.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 899.71 | 0.00 | 411.32 |
| 7 | 0.00 | 0.00 | 0.00 | 553.54 | 0.00 | 11.09 | 0.00 | 0.00 | 0.00 | 0.15 | 0.00 | 0.00 | 553.69 | 0.00 | 11.09 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 78.24 | 0.00 | 0.00 | 78.24 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 17405.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 17405.26 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 557.32 | 0.00 | 0.00 | 557.32 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 19045.39 | 0.00 | 461.14 | 0.00 | 0.00 | 0.00 | 653.28 | 0.00 | 2.65 | 19698.68 | 0.00 | 463.79 |

b) Withdrawals by Source - Principal Facilities

| Water-Use Categ. | MICHIGAN* | | | MINNESOTA | | | ONTARIO** | | | WISCONSIN | | | TOTAL | | |
|------------------|-----------|------|------|-----------|----------|-------|-----------|------|------|-----------|--------|------|--------|----------|-------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 0.00 | 0.00 | 0.00 | 126.28 | 34.98 | 17.00 | 0.00 | 0.00 | 0.00 | 17.56 | 0.00 | 0.00 | 143.85 | 34.98 | 17.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 7.38 | 0.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.38 | 0.53 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.72 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 577.42 | 322.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 577.42 | 322.29 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 2.80 | 550.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 2.80 | 550.74 | 0.15 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 78.24 | 0.00 | 0.00 | 78.24 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 17405.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 17405.26 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 557.32 | 0.00 | 0.00 | 557.32 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 713.89 | 18314.51 | 17.00 | 0.00 | 0.00 | 0.00 | 95.81 | 557.32 | 0.15 | 809.70 | 18871.83 | 17.15 |

c) Diversions by Type - Principal Facilities

| Water-Use Categ. | MICHIGAN* | | MINNESOTA | | ONTARIO** | | WISCONSIN | | TOTAL | |
|------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 39% Measured 23% Partially Measured 28% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 63% Site-specific 28% Aggregated
 * The State of Michigan was unable to report by sub-basin for most categories of use. ** Ontario did not report its Principal Facility withdrawals for 1993.

BASIN REPORT - Lake Michigan

DATE: 02/05/97

a) Withdrawals, Diversions and Consumptive Use - All Facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water-Use Categ. | ILLINOIS | | | INDIANA | | | MICHIGAN* | | | WISCONSIN | | | TOTAL | | |
|------------------|----------|---------|---------|----------|--------|---------|-----------|--------|---------|-----------|--------|---------|----------|---------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 4316.41 | 4316.41 | 0.00 | 539.49 | -8.18 | 80.89 | 0.00 | 0.00 | 0.00 | 1306.34 | 0.00 | 195.74 | 6162.25 | 4308.24 | 276.64 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 68.33 | 13.93 | 0.00 | 174.13 | 0.00 | 26.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 73.10 | 0.00 | 65.75 | 0.00 | 0.00 | 0.00 | 104.86 | 0.00 | 15.52 | 347.31 | 13.93 | 41.64 |
| 5 | 0.00 | 0.00 | 0.00 | 27.63 | 0.00 | 22.14 | 0.00 | 0.00 | 0.00 | 2034.65 | 0.00 | 1424.26 | 2107.75 | 0.00 | 1490.01 |
| 6 | 49.89 | 10.14 | 7.80 | 6245.34 | 0.00 | 374.72 | 0.00 | 0.00 | 0.00 | 2.50 | 0.00 | 2.01 | 30.13 | 0.00 | 24.15 |
| 7 | 3629.82 | 0.00 | 0.00 | 3907.74 | 0.00 | 78.17 | 4132.59 | 0.00 | 53.75 | 1216.89 | 0.00 | 182.19 | 7512.12 | 10.14 | 564.71 |
| 8 | 6534.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8181.34 | 0.00 | 106.37 | 4663.27 | 0.00 | 46.64 | 16333.42 | 0.00 | 178.56 |
| 9 | 0.00 | 0.00 | 0.00 | 8941.37 | 0.00 | 0.00 | 0.00 | 0.00 | 106.37 | 18714.74 | 0.00 | 187.15 | 33430.09 | 0.00 | 293.52 |
| 10 | 1268.68 | 1268.68 | 0.00 | 0.79 | 0.00 | 0.11 | 0.00 | 0.00 | 0.00 | 16314.08 | 0.00 | 0.00 | 25255.45 | 0.00 | 0.00 |
| Total | 15867.14 | 5609.16 | 7.80 | 19909.60 | -8.18 | 647.91 | 12313.93 | 0.00 | 160.12 | 44357.32 | 0.00 | 2053.50 | 92447.99 | 5600.99 | 2869.33 |

b) Withdrawals by Source - All Facilities

| Water-Use Categ. | ILLINOIS | | | INDIANA | | | MICHIGAN* | | | WISCONSIN | | | TOTAL | | |
|------------------|----------|------|------|----------|---------|--------|-----------|--------|-------|-----------|----------|---------|----------|----------|---------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 4316.41 | 0.00 | 0.00 | 339.29 | 0.00 | 200.21 | 0.00 | 0.00 | 0.00 | 895.93 | 94.33 | 316.08 | 5551.63 | 94.33 | 516.29 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 67.91 | 0.08 | 0.34 | 0.00 | 74.99 | 99.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 19.19 | 53.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 104.86 | 67.91 | 75.06 | 204.34 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 7.31 | 20.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2034.65 | 0.00 | 19.19 | 2088.56 |
| 6 | 49.89 | 0.00 | 0.00 | 6125.49 | 30.62 | 89.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.50 | 0.00 | 7.31 | 22.83 |
| 7 | 3629.82 | 0.00 | 0.00 | 3907.74 | 0.00 | 0.00 | 3652.91 | 471.05 | 0.00 | 6.09 | 1163.33 | 47.47 | 6181.48 | 1193.95 | 136.69 |
| 8 | 6534.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8181.34 | 0.00 | 8.63 | 4640.48 | 20.90 | 1.89 | 15830.95 | 491.95 | 10.52 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 8941.37 | 0.00 | 0.00 | 0.00 | 0.00 | 18714.74 | 0.00 | 0.00 | 33430.09 | 0.00 | 0.00 |
| 10 | 1268.68 | 0.00 | 0.00 | 0.00 | 0.23 | 0.57 | 0.00 | 0.00 | 0.00 | 0.00 | 16314.08 | 0.00 | 0.00 | 25255.45 | 0.00 |
| Total | 15866.72 | 0.08 | 0.34 | 10372.52 | 9073.71 | 463.37 | 11834.25 | 471.05 | -8.63 | 24257.24 | 17592.63 | 2507.45 | 62330.73 | 27137.47 | 2979.79 |

c) Diversions by Type - All Facilities

| Water-Use Categ. | ILLINOIS | | INDIANA | | MICHIGAN* | | WISCONSIN | | TOTAL | |
|------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 4316.41 | 0.00 | -8.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4308.24 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 13.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 13.93 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 10.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.14 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 1268.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 5609.16 | 0.00 | -8.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1268.68 |

* The state of Michigan was unable to report by sub-basin for most categories of use.
 Level of Accuracy of Withdrawal Data: 44% Measured 5% Partially Measured 41% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 60% Site-specific 30% Aggregated

BASIN REPORT - Lake Michigan

DATE: 02/05/97

a) Withdrawals, Diversions and Consumptive Use - Principal Facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water-Use Categ. | ILLINOIS | | | INDIANA | | | MICHIGAN* | | | WISCONSIN | | | TOTAL | | |
|------------------|----------|---------|---------|----------|--------|---------|-----------|--------|---------|-----------|--------|---------|----------|---------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 4316.41 | 4316.41 | 0.00 | 537.30 | 0.00 | 80.59 | 0.00 | 0.00 | 0.00 | 1306.26 | 1.06 | 195.71 | 6159.98 | 4317.47 | 276.30 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 67.91 | 11.36 | 2.57 | 101.03 | 0.00 | 15.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 68.29 | 0.00 | 61.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 168.94 | 11.36 | 17.72 |
| 5 | 0.00 | 0.00 | 0.00 | 11.55 | 0.00 | 9.27 | 0.00 | 0.00 | 0.00 | 41.72 | 0.00 | 29.19 | 110.00 | 0.00 | 90.62 |
| 6 | 57.46 | 10.14 | 7.76 | 6237.88 | 0.00 | 374.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.55 | 0.00 | 9.27 |
| 7 | 3629.82 | 0.00 | 0.00 | 3907.74 | 0.00 | 78.17 | 0.00 | 0.00 | 0.00 | 1197.89 | 0.00 | 179.77 | 7493.23 | 10.14 | 561.79 |
| 8 | 6534.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4612.20 | 0.00 | 46.11 | 12149.76 | 0.00 | 124.27 |
| 9 | 0.00 | 0.00 | 0.00 | 8941.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 18714.74 | 0.00 | 187.15 | 25248.75 | 0.00 | 187.15 |
| 10 | 1268.68 | 1268.68 | 0.00 | 0.34 | 0.00 | 0.08 | 0.00 | 0.00 | 0.00 | 16314.08 | 0.00 | 0.00 | 25255.45 | 0.00 | 0.00 |
| Total | 15874.29 | 5606.59 | 10.33 | 19805.50 | 0.00 | 618.95 | 0.00 | 0.00 | 0.00 | 42186.89 | 1.06 | 637.92 | 77866.68 | 5607.65 | 1267.20 |

b) Withdrawals by Source - Principal Facilities

| Water-Use Categ. | ILLINOIS | | | INDIANA | | | MICHIGAN* | | | WISCONSIN | | | TOTAL | | |
|------------------|----------|------|------|----------|---------|--------|-----------|------|------|-----------|----------|--------|----------|----------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 4316.41 | 0.00 | 0.00 | 339.29 | 0.00 | 198.01 | 0.00 | 0.00 | 0.00 | 895.93 | 94.26 | 316.08 | 5551.63 | 94.26 | 514.09 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 67.91 | 0.00 | 0.00 | 0.00 | 74.95 | 26.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 67.91 | 74.95 | 26.08 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 17.22 | 51.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 41.72 | 0.00 | 17.22 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 7.31 | 4.24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.31 | 4.24 |
| 6 | 57.46 | 0.00 | 0.00 | 6125.49 | 30.59 | 81.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 92.78 |
| 7 | 3629.82 | 0.00 | 0.00 | 3907.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.09 | 1144.33 | 47.47 | 6189.05 | 1174.91 | 129.27 |
| 8 | 6534.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4591.31 | 20.90 | 0.00 | 12128.87 | 20.90 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 8941.37 | 0.00 | 0.00 | 0.00 | 0.00 | 18714.74 | 0.00 | 0.00 | 25248.75 | 0.00 | 0.00 |
| 10 | 1268.68 | 0.00 | 0.00 | 0.00 | 0.19 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 16314.08 | 0.00 | 0.00 | 25255.45 | 0.00 |
| Total | 15874.29 | 0.00 | 0.00 | 10372.52 | 9071.63 | 361.35 | 0.00 | 0.00 | 0.00 | 24208.07 | 17573.56 | 405.26 | 50454.88 | 26645.18 | 766.62 |

c) Diversions by Type - Principal Facilities

| Water-Use Categ. | ILLINOIS | | INDIANA | | MICHIGAN* | | WISCONSIN | | TOTAL | |
|------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 4316.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4317.47 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 11.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 11.36 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 10.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.14 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 1268.68 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1268.68 |
| Total | 0.00 | 5606.59 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.06 | 0.00 | 5607.65 |

* The state of Michigan was unable to report by sub-basin for most categories of use.
 Level of Accuracy of Withdrawal Data: 44% Measured 5% Partially Measured 41% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 60% Site-specific 30% Aggregated

BASIN REPORT - Lake Huron

DATE: 05/06/97

a) Withdrawals, Diversions and Consumptive Use - All Facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water- Use Categ. | MICHIGAN* | | | ONTARIO | | | TOTAL | | |
|-------------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 0.00 | 0.00 | 0.00 | 571.10 | 171.40 | 85.66 | 571.10 | 171.40 | 85.66 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 115.73 | 0.00 | 17.36 | 115.73 | 0.00 | 17.36 |
| 4 | 0.00 | 0.00 | 0.00 | 102.14 | 0.00 | 79.67 | 102.14 | 0.00 | 79.67 |
| 5 | 0.00 | 0.00 | 0.00 | 64.72 | 0.00 | 51.78 | 64.72 | 0.00 | 51.78 |
| 6 | 0.00 | 0.00 | 0.00 | 3087.10 | 0.00 | 308.71 | 3087.10 | 0.00 | 308.71 |
| 7 | 2469.86 | 0.00 | 32.10 | 0.00 | 0.00 | 0.00 | 2469.86 | 0.00 | 32.10 |
| 8 | 0.00 | 0.00 | 0.00 | 22602.74 | 0.00 | 0.00 | 22602.74 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 137387.75 | 0.00 | 0.00 | 137387.75 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 148.36 | 0.00 | 0.00 | 148.36 | 0.00 | 0.00 |
| Total | 2469.86 | 0.00 | 32.10 | 164079.64 | 171.40 | 543.18 | 166549.50 | 171.40 | 575.28 |

b) Withdrawals by Source - All Facilities

| Water- Use Categ. | MICHIGAN* | | | ONTARIO | | | TOTAL | | |
|-------------------------|-----------|------|------|-----------|----------|--------|-----------|----------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 0.00 | 0.00 | 0.00 | 248.61 | 146.43 | 176.06 | 248.61 | 146.43 | 176.06 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 115.73 | 0.00 | 0.00 | 115.73 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 77.47 | 24.67 | 0.00 | 77.47 | 24.67 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 64.72 | 0.00 | 0.00 | 64.72 |
| 6 | 0.00 | 0.00 | 0.00 | 2736.00 | 301.30 | 49.80 | 2736.00 | 301.30 | 49.80 |
| 7 | 2469.74 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 2469.74 | 0.11 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 22602.74 | 0.00 | 0.00 | 22602.74 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 86482.58 | 50905.17 | 0.00 | 86482.58 | 50905.17 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 148.36 | 0.00 | 0.00 | 148.36 | 0.00 |
| Total | 2469.74 | 0.11 | 0.00 | 112069.93 | 51578.73 | 430.98 | 114539.67 | 51578.84 | 430.98 |

c) Diversions by Type - All Facilities

| Water- Use Categ. | MICHIGAN* | | ONTARIO | | TOTAL | |
|-------------------------|------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 171.40 | 0.00 | 171.40 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 171.40 | 0.00 | 171.40 | 0.00 |

Level of Accuracy of Withdrawal Data: 43% Measured 45% Partially Measured 2% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 90% Site-specific 0% Aggregated
 * The State of Michigan was unable to report by sub-basin for most categories of use.

a) Withdrawals, Diversions and Consumptive Use - Principal Facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water-Use Categ. | MICHIGAN* | | | ONTARIO** | | | TOTAL | | |
|---------------------|-----------|--------|---------|-----------|--------|---------|---------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

b) Withdrawals by Source - Principal Facilities

| Water-Use Categ. | MICHIGAN* | | | ONTARIO** | | | TOTAL | | |
|---------------------|-----------|------|------|-----------|------|------|-------|------|------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

c) Diversions by Type - Principal Facilities

| Water-Use Categ. | MICHIGAN* | | ONTARIO** | | TOTAL | |
|---------------------|------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data:

Level of Aggregation of Withdrawal Data Source: 43% Measured 45% Partially Measured 2% Calculated or Estimated

90% Site-specific 0% Aggregated

* The State of Michigan was unable to report by sub-basin for most categories of use. ** Ontario did not report its Principal Facility withdrawals for 1993.

a) Withdrawals, Diversions and Consumptive Use - All Facilities

DATE: 05/06/97

UNITS: ML/d
YEAR OF DATA: 1993

| Water- Use Categ. | INDIANA | | | MICHIGAN* | | | NEW YORK | | | OHIO | | | ONTARIO | | | PENNSYLVANIA | | | TOTAL | | |
|-------------------------|---------|--------|---------|-----------|--------|---------|----------|--------|---------|----------|--------|---------|----------|----------|---------|--------------|--------|---------|----------|----------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 147.90 | 0.00 | 22.18 | 0.00 | 0.00 | 0.00 | 779.79 | 0.00 | 77.98 | 2270.75 | 0.83 | 340.61 | 776.76 | -171.40 | 116.35 | 167.35 | 0.00 | 16.77 | 4142.55 | -170.57 | 573.89 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 21.05 | 0.00 | 3.14 | 0.00 | 0.00 | 0.00 | 295.26 | 0.00 | 29.53 | 225.99 | 0.00 | 33.92 | 115.15 | 0.00 | 17.27 | 7.46 | 0.00 | 0.76 | 664.90 | 0.00 | 84.61 |
| 4 | 4.92 | 0.00 | 4.43 | 0.00 | 0.00 | 0.00 | 6.06 | 0.00 | 5.38 | 41.98 | 0.00 | 37.74 | 477.41 | 0.00 | 372.38 | 1.32 | 0.00 | 1.21 | 531.69 | 0.00 | 421.14 |
| 5 | 7.34 | 0.00 | 5.87 | 0.00 | 0.00 | 0.00 | 5.30 | 0.00 | 4.16 | 49.70 | 0.00 | 39.75 | 65.72 | 0.00 | 52.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 102.36 |
| 6 | 39.22 | 0.00 | 2.38 | 0.00 | 0.00 | 0.00 | 221.07 | 0.00 | 21.96 | 776.99 | 0.00 | 77.68 | 1985.70 | 0.00 | 198.57 | 149.90 | 0.00 | 30.43 | 3172.88 | 0.00 | 331.02 |
| 7 | 1.02 | 0.00 | 0.04 | 15978.31 | 0.00 | 207.70 | 1654.22 | 0.00 | 3.79 | 8890.57 | 0.00 | 0.30 | 5561.64 | 0.00 | 50.05 | 0.00 | 0.00 | 0.00 | 32085.77 | 0.00 | 261.88 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 76.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 448.61 | 0.00 | 76.28 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2119.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 14030.16 | 14030.16 | 0.00 | 0.00 | 0.00 | 0.00 | 16149.98 | 14030.16 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2489.52 | 2489.52 | 0.00 | 0.00 | 0.00 | 0.00 | 2509.20 | 2641.82 | 0.00 |
| Total | 221.45 | 0.00 | 38.04 | 15978.31 | 0.00 | 207.70 | 5081.52 | 0.00 | 142.79 | 12724.27 | -46.86 | 606.27 | 25502.06 | 16348.28 | 807.20 | 326.04 | 0.00 | 49.17 | 59833.64 | 16301.42 | 1851.17 |

b) Withdrawals by Source - All Facilities

| Water- Use Categ. | INDIANA | | | MICHIGAN* | | | NEW YORK | | | OHIO | | | ONTARIO | | | PENNSYLVANIA | | | TOTAL | | |
|-------------------------|---------|--------|-------|-----------|------|------|----------|--------|--------|----------|---------|----------|----------|--------|--------|--------------|-------|-------|----------|---------|---------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 0.00 | 121.02 | 26.88 | 0.00 | 0.00 | 0.00 | 605.66 | 174.13 | 0.00 | 1701.04 | 437.63 | 132.07 | 411.23 | 72.61 | 292.92 | 153.69 | 5.87 | 7.80 | 2871.62 | 811.25 | 459.67 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.11 | 20.93 | 0.00 | 0.00 | 0.00 | 37.85 | 37.85 | 219.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7.46 | 37.85 | 37.97 |
| 4 | 0.00 | 1.17 | 3.75 | 0.00 | 0.00 | 0.00 | 4.54 | 0.00 | 1.51 | 0.45 | 33.54 | 7.99 | 0.00 | 351.63 | 125.78 | 0.00 | 1.10 | 0.23 | 5.00 | 387.44 | 139.26 |
| 5 | 0.00 | 0.00 | 7.34 | 0.00 | 0.00 | 0.00 | 1.89 | 0.00 | 1.51 | 0.00 | 8.71 | 41.00 | 0.00 | 0.00 | 65.72 | 0.00 | 0.00 | 0.00 | 0.00 | 1.89 | 8.71 |
| 6 | 0.00 | 31.34 | 7.87 | 0.00 | 0.00 | 0.00 | 208.20 | 0.00 | 12.87 | 69.31 | 573.53 | 134.15 | 1846.20 | 103.30 | 36.20 | 146.08 | 3.07 | 0.76 | 2269.79 | 711.23 | 191.86 |
| 7 | 0.00 | 0.00 | 1.02 | 15977.97 | 0.34 | 0.00 | 1654.22 | 0.00 | 0.00 | 8742.34 | 148.24 | 0.00 | 5561.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 31936.17 | 148.58 | 1.02 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 448.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 448.61 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2119.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 14030.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 16149.98 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.96 | 14.12 | 0.61 | 14030.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2494.48 | 14.12 | 0.61 |
| Total | 0.00 | 153.65 | 67.80 | 15977.97 | 0.34 | 0.00 | 4632.19 | 211.98 | 237.34 | 10966.71 | 1215.76 | 541.80 | 24338.75 | 527.54 | 635.77 | 299.77 | 10.03 | 16.24 | 56215.39 | 2119.30 | 1498.95 |

c) Diversions by Type - All Facilities

| Water- Use Categ. | INDIANA | | MICHIGAN* | | NEW YORK | | OHIO | | ONTARIO | | PENNSYLVANIA | | TOTAL | |
|-------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.83 | -171.40 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 14030.16 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -46.86 | 16348.28 | 0.00 | 0.00 | 0.00 | 0.00 | |

Level of Accuracy of Withdrawal Data: 19% Measured 34% Partially Measured 37% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 60% Site-specific 30% Aggregated
 * The State of Michigan was unable to report by sub-basin for most categories of use.

a) Withdrawals, Diversions and Consumptive Use - Principal Facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water- Use Categ. | INDIANA | | | MICHIGAN* | | | NEW YORK | | | OHIO | | | ONTARIO** | | | PENNSYLVANIA | | | TOTAL | | |
|-------------------------|---------|--------|---------|-----------|--------|---------|----------|--------|---------|----------|--------|---------|-----------|--------|---------|--------------|--------|---------|----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 146.23 | 0.00 | 21.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2248.94 | 0.83 | 337.35 | 0.00 | 0.00 | 0.00 | 165.35 | 0.00 | 16.54 | 2560.52 | 0.83 | 375.81 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 3.86 | 0.00 | 3.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 21.20 | 0.00 | 19.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.26 | 0.00 | 2.61 | 0.00 | 0.00 | 0.00 | 1.25 | 0.00 | 1.14 | 26.31 | 0.00 | 23.70 |
| 6 | 37.74 | 0.00 | 2.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 771.01 | 0.00 | 77.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.26 | 0.00 | 2.61 |
| 7 | 1.02 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 1654.22 | 0.00 | 0.00 | 8890.57 | 0.00 | 0.30 | 0.00 | 0.00 | 0.00 | 149.30 | 0.00 | 30.28 | 958.05 | 0.00 | 109.63 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 448.61 | 0.00 | 76.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10545.81 | 0.00 | 0.34 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2119.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 448.61 | 0.00 | 76.28 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 18.43 | -47.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2119.82 | 0.00 | 0.00 |
| Total | 188.97 | 0.00 | 27.63 | 0.00 | 0.00 | 0.00 | 3774.04 | 0.00 | 0.00 | 12402.02 | -46.86 | 512.77 | 0.00 | 0.00 | 0.00 | 315.89 | 0.00 | 47.96 | 16680.92 | -46.86 | 588.36 |

b) Withdrawals by Source - Principal Facilities

| Water- Use Categ. | INDIANA | | | MICHIGAN* | | | NEW YORK | | | OHIO | | | ONTARIO** | | | PENNSYLVANIA | | | TOTAL | | |
|-------------------------|---------|--------|-------|-----------|------|------|----------|------|------|----------|---------|--------|-----------|------|------|--------------|------|------|----------|---------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 0.00 | 120.98 | 25.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1700.55 | 436.27 | 112.12 | 0.00 | 0.00 | 0.00 | 153.69 | 5.87 | 5.79 | 1854.24 | 563.12 | 143.16 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.57 | 3.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 17.98 | 3.22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.11 | 0.00 |
| 6 | 0.00 | 31.19 | 6.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.65 | 0.61 | 0.00 | 0.00 | 0.00 | 0.00 | 1.02 | 0.23 | 0.00 | 19.57 | 6.74 |
| 7 | 0.00 | 0.00 | 1.02 | 0.00 | 0.00 | 0.00 | 1654.22 | 0.00 | 0.00 | 69.20 | 572.39 | 129.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.65 | 0.61 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8742.34 | 148.24 | 0.00 | 0.00 | 0.00 | 0.00 | -146.08 | 2.95 | 0.26 | 215.28 | 606.53 | 136.24 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2119.82 | 0.00 | 0.00 | 448.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10396.58 | 148.24 | 1.02 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.96 | 13.02 | 0.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2119.82 | 0.00 | 0.00 |
| Total | 0.00 | 152.85 | 36.11 | 0.00 | 0.00 | 0.00 | 3774.04 | 0.00 | 0.00 | 10965.65 | 1190.55 | 245.82 | 0.00 | 0.00 | 0.00 | 299.77 | 9.84 | 6.28 | 15039.46 | 1353.24 | 288.22 |

c) Diversions by Type - Principal Facilities

| Water- Use Categ. | INDIANA | | MICHIGAN* | | NEW YORK | | OHIO | | ONTARIO** | | PENNSYLVANIA | | TOTAL | |
|-------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.83 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.83 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -46.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -46.86 |

Level of Accuracy of Withdrawal Data: 19% Measured 34% Partially Measured 37% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 60% Site-specific 30% Aggregated

* The State of Michigan was unable to report by sub-basin for most categories of use. **Ontario did not report its Principal Facility withdrawals for 1993.

BASIN REPORT - Lake Ontario

DATE: 05/06/97

a) Withdrawals, Diversions and Consumptive Use - All Facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water-Use Categ. | NEW YORK | | | ONTARIO | | | PENNSYLVANIA | | | TOTAL | | |
|---------------------|-----------|---------|---------|-----------|-----------|---------|--------------|--------|---------|-----------|-----------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 1006.92 | 0.00 | 100.69 | 3156.46 | 0.00 | 473.47 | 0.45 | 0.00 | 0.04 | 4163.83 | 0.00 | 574.20 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 1097.77 | 0.00 | 109.78 | 136.72 | 0.00 | 20.51 | 0.26 | 0.00 | 0.04 | 1234.75 | 0.00 | 130.32 |
| 4 | 30.28 | 0.00 | 26.88 | 107.99 | 0.00 | 84.23 | 0.00 | 0.00 | 0.00 | 138.27 | 0.00 | 111.11 |
| 5 | 24.23 | 0.00 | 12.49 | 34.02 | 0.00 | 27.22 | 0.00 | 0.00 | 0.00 | 58.25 | 0.00 | 39.71 |
| 6 | 832.79 | 0.00 | 83.28 | 3471.60 | 0.00 | 347.16 | 0.00 | 0.00 | 0.00 | 4304.39 | 0.00 | 430.44 |
| 7 | 6658.51 | 0.00 | 30.28 | 895.62 | 0.00 | 8.07 | 0.00 | 0.00 | 0.00 | 7554.13 | 0.00 | 38.35 |
| 8 | 4769.60 | 0.00 | 11.36 | 28356.16 | 0.00 | 255.20 | 0.00 | 0.00 | 0.00 | 33125.76 | 0.00 | 266.56 |
| 9 | 575516.65 | 0.00 | 0.00 | 188537.32 | -14030.16 | 0.00 | 0.00 | 0.00 | 0.00 | 764053.97 | -14030.16 | 0.00 |
| 10 | 1245.40 | 1245.40 | 0.00 | 486.23 | -2489.52 | 0.00 | 0.00 | 0.00 | 0.00 | 1731.63 | -1244.12 | 0.00 |
| Total | 591182.14 | 1245.40 | 374.75 | 225182.12 | -16519.68 | 1215.86 | 0.72 | 0.00 | 0.08 | 816364.98 | -15274.28 | 1590.69 |

b) Withdrawals by Source - All Facilities

| Water-Use Categ. | NEW YORK | | | ONTARIO | | | PENNSYLVANIA | | | TOTAL | | |
|---------------------|-----------|--------|--------|-----------|----------|--------|--------------|------|------|-----------|----------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 363.40 | 526.17 | 117.35 | 2937.62 | 142.07 | 76.77 | 0.00 | 0.00 | 0.45 | 3301.02 | 668.24 | 194.57 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 382.33 | 363.40 | 352.04 | 0.00 | 0.00 | 136.72 | 0.00 | 0.00 | 0.26 | 382.33 | 363.40 | 489.03 |
| 4 | 26.50 | 0.00 | 3.79 | 0.00 | 78.63 | 29.36 | 0.00 | 0.00 | 0.00 | 26.50 | 78.63 | 33.15 |
| 5 | 9.46 | 0.00 | 14.76 | 0.00 | 0.00 | 34.02 | 0.00 | 0.00 | 0.00 | 9.46 | 0.00 | 48.78 |
| 6 | 681.37 | 0.00 | 151.42 | 3032.30 | 426.90 | 12.40 | 0.00 | 0.00 | 0.00 | 3713.67 | 426.90 | 163.82 |
| 7 | 6658.51 | 0.00 | 0.00 | 895.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 7554.13 | 0.00 | 0.00 |
| 8 | 4769.60 | 0.00 | 0.00 | 28356.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 33125.76 | 0.00 | 0.00 |
| 9 | 575516.65 | 0.00 | 0.00 | 160233.21 | 28304.11 | 0.00 | 0.00 | 0.00 | 0.00 | 735749.86 | 28304.11 | 0.00 |
| 10 | 1245.40 | 0.00 | 0.00 | 486.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1245.40 | 486.23 | 0.00 |
| Total | 589653.21 | 889.57 | 639.35 | 195454.91 | 29437.94 | 289.27 | 0.00 | 0.00 | 0.72 | 785108.12 | 30327.51 | 929.34 |

c) Diversions by Type - All Facilities

| Water-Use Categ. | NEW YORK | | ONTARIO | | PENNSYLVANIA | | TOTAL | |
|---------------------|------------|------------|------------|------------|--------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 1245.40 | 0.00 | -14030.16 | 0.00 | 0.00 | 0.00 | -14030.16 | 0.00 |
| Total | 1245.40 | 0.00 | -16519.68 | 0.00 | 0.00 | 0.00 | -15274.28 | 0.00 |

Level of Accuracy of Withdrawal Data: 4% Measured 32% Partially Measured 53% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 36% Site-specific 54% Aggregated

BASIN REPORT - Lake Ontario

DATE: 05/06/97

a) Withdrawals, Diversions and Consumptive Use - Principal Facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water-Use Categ. | NEW YORK | | | ONTARIO* | | | PENNSYLVANIA | | | TOTAL | | |
|------------------|-----------|--------|---------|----------|--------|---------|--------------|--------|---------|-----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 6658.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 4769.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6658.51 | 0.00 | 0.00 |
| 9 | 210608.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4769.60 | 0.00 | 0.00 |
| 10 | 1245.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 210608.14 | 0.00 | 0.00 |
| Total | 223281.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 223281.65 | 0.00 | 0.00 |

b) Withdrawals by Source - Principal Facilities

| Water-Use Categ. | NEW YORK | | | ONTARIO* | | | PENNSYLVANIA | | | TOTAL | | |
|------------------|-----------|------|------|----------|------|------|--------------|------|------|-----------|------|------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 6658.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 4769.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6658.51 | 0.00 | 0.00 |
| 9 | 210608.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4769.60 | 0.00 | 0.00 |
| 10 | 1245.40 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 210608.14 | 0.00 | 0.00 |
| Total | 223281.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 223281.65 | 0.00 | 0.00 |

c) Diversions by Type - Principal Facilities

| Water-Use Categ. | NEW YORK | | ONTARIO* | | PENNSYLVANIA | | TOTAL | |
|------------------|------------|------------|------------|------------|--------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data:

4% Measured

32% Partially Measured

53% Calculated or Estimated

Level of Aggregation of Withdrawal Data Source: 36% Site-specific

54% Aggregated

* Ontario did not report its Principal Facility withdrawals for 1993.

BASIN REPORT - St.Lawrence River

DATE: 05/06/97

a) Withdrawals, Diversions and Consumptive Use - All Facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water-Use Categ. | NEW YORK | | | ONTARIO | | | QUEBEC | | | TOTAL | | |
|---------------------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|-----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 476.96 | 0.00 | 47.70 | 596.30 | 0.00 | 89.44 | 4164.00 | 0.00 | 416.00 | 5237.26 | 0.00 | 553.14 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 333.11 | 0.00 | 34.07 | 131.61 | 0.00 | 19.74 | 271.00 | 0.00 | 27.00 | 735.72 | 0.00 | 80.81 |
| 4 | 4.20 | 0.00 | 3.71 | 20.59 | 0.00 | 16.06 | 34.90 | 0.00 | 31.41 | 59.69 | 0.00 | 51.18 |
| 5 | 11.36 | 0.00 | 9.08 | 37.33 | 0.00 | 29.86 | 72.30 | 0.00 | 57.84 | 120.99 | 0.00 | 96.78 |
| 6 | 276.33 | 0.00 | 27.63 | 635.60 | 0.00 | 63.56 | 475.00 | 0.00 | 47.50 | 1386.93 | 0.00 | 138.69 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 178.00 | 0.00 | 17.80 | 178.00 | 0.00 | 17.80 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 569062.55 | 0.00 | 0.00 | 336432.60 | 0.00 | 2.14 | 1164240.0 | 0.00 | 0.00 | 2069735.2 | 0.00 | 2.14 |
| 10 | 499.67 | 0.00 | 0.00 | 101.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 601.60 | 0.00 | 0.00 |
| Total | 570664.19 | 0.00 | 122.19 | 337955.96 | 0.00 | 220.80 | 1169435.2 | 0.00 | 597.55 | 2078055.4 | 0.00 | 940.54 |

b) Withdrawals by Source - All Facilities

| Water-Use Categ. | NEW YORK | | | ONTARIO | | | QUEBEC | | | TOTAL | | |
|---------------------|-----------|-------|--------|-----------|--------|--------|-----------|-----------|--------|-----------|-----------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 382.33 | 0.00 | 94.63 | 153.96 | 422.71 | 19.63 | 2282.00 | 1882.00 | 0.00 | 2818.29 | 2304.71 | 114.26 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 193.06 | 75.71 | 64.35 | 0.00 | 0.00 | 131.61 | 0.00 | 0.00 | 0.00 | 193.06 | 75.71 | 466.96 |
| 4 | 3.79 | 0.00 | 0.42 | 0.00 | 15.02 | 5.57 | 0.00 | 0.00 | 0.00 | 3.79 | 15.02 | 40.89 |
| 5 | 3.79 | 0.00 | 7.57 | 0.00 | 0.00 | 37.33 | 0.00 | 0.00 | 0.00 | 72.30 | 3.79 | 117.20 |
| 6 | 257.41 | 0.00 | 18.93 | 501.90 | 113.50 | 20.20 | 0.00 | 475.00 | 0.00 | 759.31 | 588.50 | 39.13 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 148.00 | 30.00 | 0.00 | 148.00 | 30.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 569062.55 | 0.00 | 0.00 | 336432.60 | 0.00 | 0.00 | 686016.00 | 478224.00 | 0.00 | 1591511.2 | 478224.00 | 0.00 |
| 10 | 499.67 | 0.00 | 0.00 | 0.00 | 101.93 | 0.00 | 0.00 | 0.00 | 0.00 | 499.67 | 101.93 | 0.00 |
| Total | 570402.58 | 75.71 | 185.90 | 337088.46 | 653.16 | 214.34 | 688446.00 | 480611.00 | 378.20 | 1595937.0 | 481339.87 | 778.44 |

c) Diversions by Type - All Facilities

| Water-Use Categ. | NEW YORK | | ONTARIO | | QUEBEC | | TOTAL | |
|---------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 3% Measured 36% Partially Measured 51% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 43% Site-specific 47% Aggregated

BASIN REPORT - St.Lawrence River

DATE: 05/06/97

a) Withdrawals, Diversions and Consumptive Use - Principal Facilities

UNITS: ML/d
YEAR OF DATA: 1993

| Water- Use Categ. | NEW YORK | | | ONTARIO* | | | QUEBEC | | | TOTAL | | |
|-------------------------|-----------|--------|---------|----------|--------|---------|-----------|--------|---------|-----------|--------|---------|
| | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. | Withdr. | Diver. | Consum. |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4149.00 | 0.00 | 415.00 | 4149.00 | 0.00 | 415.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 184.00 | 0.00 | 18.00 | 184.00 | 0.00 | 18.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 473.00 | 0.00 | 47.30 | 473.00 | 0.00 | 47.30 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 178.00 | 0.00 | 17.80 | 178.00 | 0.00 | 17.80 |
| 9 | 351814.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 499.67 | 499.67 | 0.00 | 0.00 | 0.00 | 0.00 | 1164240.0 | 0.00 | 0.00 | 1516054.8 | 0.00 | 0.00 |
| Total | 352314.49 | 499.67 | 0.00 | 0.00 | 0.00 | 0.00 | 1169224.0 | 0.00 | 498.10 | 1521538.5 | 499.67 | 498.10 |

b) Withdrawals by Source - Principal Facilities

| Water- Use Categ. | NEW YORK | | | ONTARIO* | | | QUEBEC | | | TOTAL | | |
|-------------------------|-----------|------|------|----------|------|------|-----------|-----------|--------|-----------|-----------|--------|
| | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW | GLSW | OSW | GW |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2281.00 | 1868.00 | 0.00 | 2281.00 | 1868.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 184.00 | 0.00 | 0.00 | 184.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 473.00 | 0.00 | 0.00 | 473.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 148.00 | 30.00 | 0.00 | 148.00 | 30.00 | 0.00 |
| 9 | 351814.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 499.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 686016.00 | 478224.00 | 0.00 | 1037830.8 | 478224.00 | 0.00 |
| Total | 352314.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 688445.00 | 480595.00 | 184.00 | 1040759.5 | 480595.00 | 184.00 |

c) Diversions by Type - Principal Facilities

| Water- Use Categ. | NEW YORK | | ONTARIO* | | QUEBEC | | TOTAL | |
|-------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin | Intrabasin | Interbasin |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 499.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 499.67 | 0.00 |
| Total | 499.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 499.67 | 0.00 |

Level of Accuracy of Withdrawal Data: 3% Measured 36% Partially Measured 51% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 43% Site-specific 47% Aggregated
 * Ontario did not report its Principal Facility withdrawals for 1993.

WATER-USE CATEGORY REPORT - Public Supply

DATE: 05/08/97

a) Water-Use by Basin - All Jurisdictions

UNITS: ML/d
YEAR OF DATA: 1993

| Basin | All Facilities | | | | | | | | Principal Facilities | | | | | | | | | |
|-------------------|----------------|---------|---------|----------|------------|------------|---------|---------|----------------------|-------------|--------|----------|------------|------------|---------|---------|--|-----------------|
| | Withdrawals | | | | Diversions | | | | Consumptive Use | Withdrawals | | | | Diversions | | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | GLSW | | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | | | |
| Lake Superior | 209.22 | 28.08 | 26.17 | 263.47 | 0.00 | 0.00 | 0.00 | 49.31 | 143.85 | 34.98 | 17.00 | 195.82 | 0.00 | 0.00 | 0.00 | 40.09 | | |
| Lake Michigan | 5551.63 | 94.33 | 516.29 | 6162.25 | 0.00 | 4308.24 | 4308.24 | 276.64 | 5551.63 | 94.26 | 514.09 | 6159.98 | 0.00 | 4317.47 | 4317.47 | 276.30 | | |
| Lake Huron | 248.61 | 146.43 | 176.06 | 571.10 | 171.40 | 0.00 | 171.40 | 85.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| Lake Erie | 2871.62 | 811.25 | 459.67 | 4142.55 | -171.40 | 0.83 | -170.57 | 573.89 | 1854.24 | 563.12 | 143.16 | 2560.52 | 0.00 | 0.83 | 0.83 | 375.81 | | |
| Lake Ontario | 3301.02 | 668.24 | 194.57 | 4163.83 | 0.00 | 0.00 | 0.00 | 574.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| St.Lawrence River | 2818.29 | 2304.71 | 114.26 | 5237.26 | 0.00 | 0.00 | 0.00 | 553.14 | 2281.00 | 1868.00 | 0.00 | 4149.00 | 0.00 | 0.00 | 0.00 | 415.00 | | |
| Total | 15000.38 | 4053.05 | 1487.03 | 20540.45 | 0.00 | 4309.07 | 4309.07 | 2112.84 | 9830.71 | 2560.35 | 674.25 | 13065.31 | 0.00 | 4318.31 | 4318.31 | 1107.20 | | |

b) Water-Use by Jurisdiction - All Basins

| Jurisdiction | All Facilities | | | | | | | | Principal Facilities | | | | | | | | | |
|--------------|----------------|---------|---------|------------|------------|------------|---------|-----------|----------------------|-------------|--------|----------|------------|------------|---------|---------|--|-----------------|
| | Withdrawals | | | | Diversions | | | | Consumptive Use | Withdrawals | | | | Diversions | | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | GLSW | | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | | | |
| Illinois | 4316.41 | 0.00 | 0.00 | 4316.41 | 0.00 | 4316.41 | 4316.41 | 0.00 | 4316.41 | 0.00 | 0.00 | 4316.41 | 0.00 | 4316.41 | 4316.41 | 0.00 | | |
| Indiana | 339.29 | 121.02 | 227.09 | 687.39 | 0.00 | -8.18 | -8.18 | 103.08 | 339.29 | 120.98 | 223.26 | 683.53 | 0.00 | 0.00 | 0.00 | 102.51 | | |
| Michigan | 0.00 | 0.00 | 0.00 | 4633.33** | 0.00 | 0.00 | 0.00 | 465.59** | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| Minnesota | 126.39 | 18.17 | 18.81 | 163.38 | 0.00 | 0.00 | 0.00 | 34.30 | 126.28 | 34.98 | 17.00 | 178.25 | 0.00 | 0.00 | 0.00 | 37.44 | | |
| New York | 1351.39 | 700.30 | 211.98 | 2263.67 | 0.00 | 0.00 | 0.00 | 226.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| Ohio | 1701.04 | 437.63 | 132.07 | 2270.75 | 0.00 | 0.83 | 0.83 | 340.61 | 1700.55 | 436.27 | 112.12 | 2248.94 | 0.00 | 0.83 | 0.83 | 337.35 | | |
| Ontario | 3813.80 | 793.73 | 572.74 | 5180.27 | 0.00 | 0.00 | 0.00 | 776.87 | 0.00 | 0.00 | 0.00 | 0.00* | 0.00 | 0.00 | 0.00 | | | |
| Pennsylvania | 153.69 | 5.87 | 8.25 | 167.81 | 0.00 | 0.00 | 0.00 | 16.81 | 153.69 | 5.87 | 5.79 | 165.35 | 0.00 | 0.00 | 0.00 | 16.54 | | |
| Quebec | 2282.00 | 1882.00 | 0.00 | 4164.00 | 0.00 | 0.00 | 0.00 | 416.00 | 2281.00 | 1868.00 | 0.00 | 4149.00 | 0.00 | 0.00 | 0.00 | 415.00 | | |
| Wisconsin | 916.37 | 94.33 | 316.08 | 1326.78 | 0.00 | 0.00 | 0.00 | 198.81 | 913.49 | 94.26 | 316.08 | 1323.83 | 0.00 | 1.06 | 1.06 | 198.35 | | |
| Total | 15000.38 | 4053.05 | 1487.03 | 25173.79** | 0.00 | 4309.07 | 4309.07 | 2578.44** | 9830.71 | 2560.35 | 674.25 | 13065.31 | 0.00 | 4318.31 | 4318.31 | 1107.20 | | |

Level of Accuracy of Withdrawal Data: 42% Measured 38% Partially Measured 20% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 73% Site-specific 27% Aggregated

*Ontario did not report its Principal Facility withdrawals for 1993.

**The total presented is larger than the sum of water use categories. This is due to the addition of state-wide data from Michigan. Michigan's withdrawals and consumptive uses for this category cannot presently be reported by individual sub-basin or water withdrawal type.

WATER-USE CATEGORY REPORT - Self-supply - domestic (residential, commercial, institutional)

DATE: 05/08/97

a) Water-Use by Basin - All Jurisdictions

UNITS: ML/d
YEAR OF DATA: 1993

| Basin | All Facilities | | | | | | | |
|--------------------|----------------|---------------|----------------|----------------|-------------|--------------|--------------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Lake Superior | 7.38 | 8.03 | 19.72 | 35.13 | 0.00 | 0.00 | 0.00 | 4.20 |
| Lake Michigan | 67.91 | 75.06 | 204.34 | 347.31 | 0.00 | 13.93 | 13.93 | 41.64 |
| Lake Huron | 0.00 | 0.00 | 115.73 | 115.73 | 0.00 | 0.00 | 0.00 | 17.36 |
| Lake Erie | 37.85 | 37.97 | 589.08 | 664.90 | 0.00 | 0.00 | 0.00 | 84.61 |
| Lake Ontario | 382.33 | 363.40 | 489.03 | 1234.75 | 0.00 | 0.00 | 0.00 | 130.32 |
| St. Lawrence River | 193.06 | 75.71 | 466.96 | 735.72 | 0.00 | 0.00 | 0.00 | 80.81 |
| Total | 688.53 | 560.16 | 1884.86 | 3133.55 | 0.00 | 13.93 | 13.93 | 358.94 |

| | Principal Facilities | | | | | | | |
|--------------|----------------------|--------------|---------------|---------------|-------------|--------------|--------------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| | 7.38 | 0.53 | 0.00 | 7.91 | 0.00 | 0.00 | 0.00 | 0.64 |
| | 67.91 | 74.95 | 26.08 | 168.94 | 0.00 | 11.36 | 11.36 | 17.72 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.11 | 0.00 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 184.00 | 184.00 | 0.00 | 0.00 | 0.00 | 18.00 |
| Total | 75.29 | 75.59 | 210.08 | 360.97 | 0.00 | 11.36 | 11.36 | 36.36 |

b) Water-Use by Jurisdiction - All Basins

| Jurisdiction | All Facilities | | | | | | | |
|--------------|----------------|---------------|----------------|----------------|-------------|--------------|--------------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Illinois | 67.91 | 0.08 | 0.34 | 68.33 | 0.00 | 13.93 | 13.93 | 0.00 |
| Indiana | 0.00 | 75.10 | 120.07 | 195.18 | 0.00 | 0.00 | 0.00 | 29.26 |
| Michigan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Minnesota | 7.38 | 8.03 | 0.04 | 15.44 | 0.00 | 0.00 | 0.00 | 1.25 |
| New York | 613.23 | 476.96 | 635.95 | 1726.14 | 0.00 | 0.00 | 0.00 | 173.37 |
| Ohio | 0.00 | 0.00 | 225.99 | 225.99 | 0.00 | 0.00 | 0.00 | 33.92 |
| Ontario | 0.00 | 0.00 | 505.72 | 505.72 | 0.00 | 0.00 | 0.00 | 75.86 |
| Pennsylvania | 0.00 | 0.00 | 7.72 | 7.72 | 0.00 | 0.00 | 0.00 | 0.79 |
| Quebec | 0.00 | 0.00 | 271.00 | 271.00 | 0.00 | 0.00 | 0.00 | 27.00 |
| Wisconsin | 0.00 | 0.00 | 118.03 | 118.03 | 0.00 | 0.00 | 0.00 | 17.49 |
| Total | 688.53 | 560.16 | 1884.86 | 3133.55 | 0.00 | 13.93 | 13.93 | 358.94 |

| | Principal Facilities | | | | | | | |
|--------------|----------------------|--------------|---------------|---------------|-------------|--------------|--------------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| | 67.91 | 0.00 | 0.00 | 67.91 | 0.00 | 11.36 | 11.36 | 2.57 |
| | 0.00 | 75.06 | 26.08 | 101.15 | 0.00 | 0.00 | 0.00 | 15.14 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 7.38 | 0.53 | 0.00 | 7.91 | 0.00 | 0.00 | 0.00 | 0.64 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00* | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00* |
| | 0.00 | 0.00 | 184.00 | 184.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | *8.00 |
| Total | 75.29 | 75.59 | 210.08 | 360.97 | 0.00 | 11.36 | 11.36 | 36.36 |

Level of Accuracy of Withdrawal Data: 29% Measured 27% Partially Measured 44% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 56% Site-specific 44% Aggregated

*Ontario did not report its Principal Facility withdrawals for 1993.

WATER-USE CATEGORY REPORT - Self-supply - irrigation

DATE: 05/08/97

a) Water-Use by Basin - All Jurisdictions

UNITS: ML/d
YEAR OF DATA: 1993

| Basin | All Facilities | | | | | | | | Principal Facilities | | | | | | | | | |
|--------------------|----------------|---------------|----------------|----------------|-------------|-------------|-------------|----------------|----------------------|--------------|--------------|---------------|-------------|-------------|-------------|---------------|--|-----------------|
| | Withdrawals | | | | Diversions | | | | Consumptive Use | Withdrawals | | | | Diversions | | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | GLSW | | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | | | |
| Lake Superior | 0.04 | 1.31 | 0.26 | 1.61 | 0.00 | 0.00 | 0.00 | 1.37 | 0.00 | 0.72 | 0.00 | 0.72 | 0.00 | 0.00 | 0.00 | 0.64 | | |
| Lake Michigan | 0.00 | 19.19 | 2088.56 | 2107.75 | 0.00 | 0.00 | 0.00 | 1490.01 | 0.00 | 17.22 | 92.78 | 110.00 | 0.00 | 0.00 | 0.00 | 90.62 | | |
| Lake Huron | 0.00 | 77.47 | 24.67 | 102.14 | 0.00 | 0.00 | 0.00 | 79.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| Lake Erie | 5.00 | 387.44 | 139.26 | 531.69 | 0.00 | 0.00 | 0.00 | 421.14 | 0.00 | 19.57 | 6.74 | 26.31 | 0.00 | 0.00 | 0.00 | 23.70 | | |
| Lake Ontario | 26.50 | 78.63 | 33.15 | 138.27 | 0.00 | 0.00 | 0.00 | 111.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| St. Lawrence River | 3.79 | 15.02 | 48.89 | 59.69 | 0.00 | 0.00 | 0.00 | 51.18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| Total | 35.32 | 579.07 | 2326.77 | 2941.16 | 0.00 | 0.00 | 0.00 | 2154.47 | 0.00 | 37.51 | 99.52 | 137.03 | 0.00 | 0.00 | 0.00 | 114.96 | | |

b) Water-Use by Jurisdiction - All Basins

| Jurisdiction | All Facilities | | | | | | | | Principal Facilities | | | | | | | | | |
|--------------|----------------|---------------|----------------|------------------|-------------|-------------|-------------|------------------|----------------------|--------------|--------------|---------------|-------------|-------------|-------------|---------------|--|-----------------|
| | Withdrawals | | | | Diversions | | | | Consumptive Use | Withdrawals | | | | Diversions | | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | GLSW | | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | | | |
| Illinois | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| Indiana | 0.00 | 20.37 | 57.65 | 78.02 | 0.00 | 0.00 | 0.00 | 70.18 | 0.00 | 17.79 | 54.36 | 72.15 | 0.00 | 0.00 | 0.00 | 64.88 | | |
| Michigan | 0.00 | 0.00 | 0.00 | 897.14** | 0.00 | 0.00 | 0.00 | 851.71** | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| Minnesota | 0.04 | 0.79 | 0.04 | 0.87 | 0.00 | 0.00 | 0.00 | 0.79 | 0.00 | 0.72 | 0.00 | 0.72 | 0.00 | 0.00 | 0.00 | 0.64 | | |
| New York | 34.83 | 0.00 | 5.72 | 40.54 | 0.00 | 0.00 | 0.00 | 35.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| Ohio | 0.45 | 33.54 | 7.99 | 41.98 | 0.00 | 0.00 | 0.00 | 37.74 | 0.00 | 17.98 | 3.22 | 21.20 | 0.00 | 0.00 | 0.00 | 19.12 | | |
| Ontario | 0.00 | 523.27 | 185.60 | 708.87 | 0.00 | 0.00 | 0.00 | 552.92 | 0.00 | 0.00 | 0.00 | 0.00* | 0.00 | 0.00 | 0.00 | 0.00* | | |
| Pennsylvania | 0.00 | 1.10 | 0.23 | 1.32 | 0.00 | 0.00 | 0.00 | 1.21 | 0.00 | 1.02 | 0.23 | 1.25 | 0.00 | 0.00 | 0.00 | 1.14 | | |
| Quebec | 0.00 | 0.00 | 34.90 | 34.90 | 0.00 | 0.00 | 0.00 | 31.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| Wisconsin | 0.00 | 0.00 | 2034.65 | 2034.65 | 0.00 | 0.00 | 0.00 | 1424.26 | 0.00 | 0.00 | 41.72 | 41.72 | 0.00 | 0.00 | 0.00 | 29.19 | | |
| Total | 35.32 | 579.07 | 2326.77 | 3838.29** | 0.00 | 0.00 | 0.00 | 3006.18** | 0.00 | 37.51 | 99.52 | 137.03 | 0.00 | 0.00 | 0.00 | 114.96 | | |

Level of Accuracy of Withdrawal Data: 27% Measured 27% Partially Measured 45% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 68% Site-specific 32% Aggregated

*Ontario did not report its Principal Facility Withdrawals for 1993.

**The total presented is larger than the sum of water use categories. This is due to the addition of state-wide data from Michigan. Michigan's withdrawals and consumptive uses for this category cannot presently be reported by individual sub-basin or water withdrawal type.

WATER-USE CATEGORY REPORT - Self-supply - Livestock

DATE: 05/08/97

a) Water-Use by Basin - All Jurisdictions

UNITS: ML/d
YEAR OF DATA: 1993

| Basin | All Facilities | | | | | | | Consumptive Use |
|--------------------|----------------|--------------|---------------|---------------|-------------|-------------|-------------|-----------------|
| | Withdrawals | | | | Diversions | | | |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Lake Superior | 0.00 | 0.11 | 2.05 | 2.17 | 0.00 | 0.00 | 0.00 | 1.01 |
| Lake Michigan | 0.00 | 7.31 | 22.83 | 30.13 | 0.00 | 0.00 | 0.00 | 24.15 |
| Lake Huron | 0.00 | 0.00 | 64.72 | 64.72 | 0.00 | 0.00 | 0.00 | 51.78 |
| Lake Erie | 1.89 | 8.71 | 117.47 | 128.07 | 0.00 | 0.00 | 0.00 | 102.36 |
| Lake Ontario | 9.46 | 0.00 | 48.78 | 58.25 | 0.00 | 0.00 | 0.00 | 39.71 |
| St. Lawrence River | 3.79 | 0.00 | 117.20 | 120.99 | 0.00 | 0.00 | 0.00 | 96.78 |
| Total | 15.14 | 16.13 | 373.05 | 404.32 | 0.00 | 0.00 | 0.00 | 315.80 |

| | Principal Facilities | | | | | | | Consumptive Use |
|--------------|----------------------|-------------|-------------|--------------|-------------|-------------|-------------|-----------------|
| | Withdrawals | | | | Diversions | | | |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 7.31 | 4.24 | 11.55 | 0.00 | 0.00 | 0.00 | 9.27 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 2.65 | 0.61 | 3.26 | 0.00 | 0.00 | 0.00 | 2.61 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 9.96 | 4.85 | 14.80 | 0.00 | 0.00 | 0.00 | 11.89 |

b) Water-Use by Jurisdiction - All Basins

| Jurisdiction | All Facilities | | | | | | | Consumptive Use |
|--------------|----------------|--------------|---------------|---------------|-------------|-------------|-------------|-----------------|
| | Withdrawals | | | | Diversions | | | |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Illinois | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Indiana | 0.00 | 7.31 | 27.67 | 34.98 | 0.00 | 0.00 | 0.00 | 28.01 |
| Michigan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Minnesota | 0.00 | 0.11 | 0.79 | 0.91 | 0.00 | 0.00 | 0.00 | 0.00 |
| New York | 15.14 | 0.00 | 25.74 | 40.88 | 0.00 | 0.00 | 0.00 | 25.74 |
| Ohio | 0.00 | 8.71 | 41.00 | 49.70 | 0.00 | 0.00 | 0.00 | 39.75 |
| Ontario | 0.00 | 0.00 | 203.05 | 203.05 | 0.00 | 0.00 | 0.00 | 162.45 |
| Pennsylvania | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Quebec | 0.00 | 0.00 | 72.30 | 72.30 | 0.00 | 0.00 | 0.00 | 57.84 |
| Wisconsin | 0.00 | 0.00 | 2.50 | 2.50 | 0.00 | 0.00 | 0.00 | 2.01 |
| Total | 15.14 | 16.13 | 373.05 | 404.32 | 0.00 | 0.00 | 0.00 | 315.80 |

| | Principal Facilities | | | | | | | Consumptive Use |
|--------------|----------------------|-------------|-------------|--------------|-------------|-------------|-------------|-----------------|
| | Withdrawals | | | | Diversions | | | |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 7.31 | 4.24 | 11.55 | 0.00 | 0.00 | 0.00 | 9.27 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 2.65 | 0.61 | 3.26 | 0.00 | 0.00 | 0.00 | 2.61 |
| | 0.00 | 0.00 | 0.00 | 0.00* | 0.00 | 0.00 | 0.00 | 0.00* |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 0.00 | 9.96 | 4.85 | 14.80 | 0.00 | 0.00 | 0.00 | 11.89 |

Level of Accuracy of Withdrawal Data: 23% Measured 27% Partially Measured 50% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 52% Site-specific 48% Aggregated

*Ontario did not report its Principal Facility withdrawals for 1993.

WATER-USE CATEGORY REPORT - Self-supply - industrial (manufacturing and mining)

DATE: 05/15/97

a) Water-Use by Basin - All Jurisdictions

UNITS: ML/d
YEAR OF DATA: 1993

| Basin | All Facilities | | | | | | | | Principal Facilities | | | | | | | | | |
|--------------------|----------------|---------|--------|----------|------------|------------|-------|---------|----------------------|-------------|--------|---------|------------|------------|-------|---------|--|-----------------|
| | Withdrawals | | | | Diversions | | | | Consumptive Use | Withdrawals | | | | Diversions | | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | GLSW | | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | | | |
| Lake Superior | 1228.52 | 364.80 | 8.99 | 1602.32 | 0.00 | 0.00 | 0.00 | 259.36 | 577.42 | 322.29 | 0.15 | 899.86 | 0.00 | 0.00 | 0.00 | 411.32 | | |
| Lake Michigan | 6181.48 | 1193.95 | 136.69 | 7512.12 | 0.00 | 10.14 | 10.14 | 564.71 | 6189.05 | 1174.91 | 129.27 | 7493.23 | 0.00 | 10.14 | 10.14 | 561.79 | | |
| Lake Huron | 2736.00 | 301.30 | 49.80 | 3087.10 | 0.00 | 0.00 | 0.00 | 308.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| Lake Erie | 2269.79 | 711.23 | 191.86 | 3172.88 | 0.00 | 0.00 | 0.00 | 331.02 | 215.28 | 606.53 | 136.24 | 958.05 | 0.00 | 0.00 | 0.00 | 109.63 | | |
| Lake Ontario | 3713.67 | 426.90 | 163.82 | 4304.39 | 0.00 | 0.00 | 0.00 | 430.44 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| St. Lawrence River | 759.31 | 588.50 | 39.13 | 1386.93 | 0.00 | 0.00 | 0.00 | 138.69 | 0.00 | 473.00 | 0.00 | 473.00 | 0.00 | 0.00 | 0.00 | | | |
| Total | 16888.77 | 3586.69 | 590.28 | 21065.74 | 0.00 | 10.14 | 10.14 | 2032.93 | 6981.75 | 2576.73 | 265.66 | 9824.14 | 0.00 | 10.14 | 10.14 | 1130.04 | | |

b) Water-Use by Jurisdiction - All Basins

| Jurisdiction | All Facilities | | | | | | | | Principal Facilities | | | | | | | | | |
|--------------|----------------|---------|--------|------------|------------|------------|-------|-----------|----------------------|-------------|--------|---------|------------|------------|--------|---------|--|-----------------|
| | Withdrawals | | | | Diversions | | | | Consumptive Use | Withdrawals | | | | Diversions | | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | GLSW | | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | | | |
| Illinois | 49.89 | 0.00 | 0.00 | 49.89 | 0.00 | 10.14 | 10.14 | 7.80 | 57.46 | 0.00 | 0.00 | 57.46 | 0.00 | 10.14 | 10.14 | 7.76 | | |
| Indiana | 6125.49 | 61.97 | 97.10 | 6284.55 | 0.00 | 0.00 | 0.00 | 377.10 | 6125.49 | 61.78 | 88.35 | 6275.62 | 0.00 | 0.00 | 0.00 | 376.50 | | |
| Michigan | 0.00 | 0.00 | 0.00 | 4989.16** | 0.00 | 0.00 | 0.00 | 499.67** | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| Minnesota | 577.42 | 323.50 | 0.34 | 901.27 | 0.00 | 0.00 | 0.00 | 189.27 | 577.42 | 322.29 | 0.00 | 899.71 | 0.00 | 0.00 | 0.00 | | | |
| New York | 1146.98 | 0.00 | 183.21 | 1330.19 | 0.00 | 0.00 | 0.00 | 132.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 411.32 | | | |
| Ohio | 69.31 | 573.53 | 134.15 | 776.99 | 0.00 | 0.00 | 0.00 | 77.68 | 69.20 | 572.39 | 129.42 | 771.01 | 0.00 | 0.00 | 0.00 | | | |
| Ontario | 8767.50 | 986.30 | 127.10 | 9880.90 | 0.00 | 0.00 | 0.00 | 988.09 | 0.00 | 0.00 | 0.00 | 0.00* | 0.00 | 0.00 | 0.00* | | | |
| Pennsylvania | 146.08 | 3.07 | 0.76 | 149.90 | 0.00 | 0.00 | 0.00 | 30.43 | 146.08 | 2.95 | 0.26 | 149.30 | 0.00 | 0.00 | 0.00 | | | |
| Quebec | 0.00 | 475.00 | 0.00 | 475.00 | 0.00 | 0.00 | 0.00 | 47.50 | 0.00 | 473.00 | 0.00 | 473.00 | 0.00 | 0.00 | 0.00 | | | |
| Wisconsin | 6.09 | 1163.33 | 47.62 | 1217.04 | 0.00 | 0.00 | 0.00 | 182.19 | 6.09 | 1144.33 | 47.62 | 1198.04 | 0.00 | 0.00 | 0.00 | | | |
| Total | 16888.77 | 3586.69 | 590.28 | 26054.89** | 0.00 | 10.14 | 10.14 | 2532.60** | 6981.75 | 2576.73 | 265.66 | 9824.14 | 0.00 | 10.14 | 10.14 | 1130.04 | | |

Level of Accuracy of Withdrawal Data: 27% Measured 36% Partially Measured 36% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 71% Site-specific 29% Aggregated

*Ontario did not report its Principal Facility withdrawals for 1993.

**The total presented is larger than the sum of water use categories. This is due to the addition of state-wide data from Michigan. Michigan's withdrawals and consumptive uses for this category cannot presently be reported by individual sub-basin or water withdrawal type.

WATER-USE CATEGORY REPORT - Self-supply - thermoelectric power - fossil-fuel plants

DATE: 05/21/97

a) Water-Use by Basin - All Jurisdictions

UNITS: ML/d
YEAR OF DATA: 1993

| Basin | All Facilities | | | | | | | Consumptive Use |
|--------------------|-----------------|----------------|--------------|-----------------|-------------|-------------|-------------|-----------------|
| | Withdrawals | | | | Diversions | | | |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Lake Superior | 1827.00 | 551.31 | 0.08 | 2378.38 | 0.00 | 0.00 | 0.00 | 31.31 |
| Lake Michigan | 15830.95 | 491.95 | 10.52 | 16333.42 | 0.00 | 0.00 | 0.00 | 178.56 |
| Lake Huron | 2469.74 | 0.11 | 0.00 | 2469.86 | 0.00 | 0.00 | 0.00 | 32.10 |
| Lake Erie | 31936.17 | 148.58 | 1.02 | 32085.77 | 0.00 | 0.00 | 0.00 | 261.88 |
| Lake Ontario | 7554.13 | 0.00 | 0.00 | 7554.13 | 0.00 | 0.00 | 0.00 | 38.35 |
| St. Lawrence River | 148.00 | 30.00 | 0.00 | 178.00 | 0.00 | 0.00 | 0.00 | 17.80 |
| Total | 59765.99 | 1221.95 | 11.62 | 60999.56 | 0.00 | 0.00 | 0.00 | 560.01 |

| Basin | Principal Facilities | | | | | | | Consumptive Use |
|--------------------|----------------------|---------------|-------------|-----------------|-------------|-------------|-------------|-----------------|
| | Withdrawals | | | | Diversions | | | |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Lake Superior | 81.05 | 550.74 | 0.00 | 631.78 | 0.00 | 0.00 | 0.00 | 11.09 |
| Lake Michigan | 12128.87 | 20.90 | 0.00 | 12149.76 | 0.00 | 0.00 | 0.00 | 124.27 |
| Lake Huron | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Erie | 10396.56 | 148.24 | 1.02 | 10545.81 | 0.00 | 0.00 | 0.00 | 0.34 |
| Lake Ontario | 6658.51 | 0.00 | 0.00 | 6658.51 | 0.00 | 0.00 | 0.00 | 0.00 |
| St. Lawrence River | 148.00 | 30.00 | 0.00 | 178.00 | 0.00 | 0.00 | 0.00 | 17.80 |
| Total | 29412.98 | 749.87 | 1.02 | 30163.87 | 0.00 | 0.00 | 0.00 | 153.51 |

b) Water-Use by Jurisdiction - All Basins

| Jurisdiction | All Facilities | | | | | | | Consumptive Use |
|--------------|-----------------|----------------|--------------|-----------------|-------------|-------------|-------------|-----------------|
| | Withdrawals | | | | Diversions | | | |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Illinois | 3629.82 | 0.00 | 0.00 | 3629.82 | 0.00 | 0.00 | 0.00 | 0.00 |
| Indiana | 3907.74 | 0.00 | 1.02 | 3908.76 | 0.00 | 0.00 | 0.00 | 78.21 |
| Michigan | 23087.74 | 471.51 | 8.63 | 23567.88 | 0.00 | 0.00 | 0.00 | 306.39 |
| Minnesota | 2.80 | 551.31 | 0.08 | 554.18 | 0.00 | 0.00 | 0.00 | 11.09 |
| New York | 8312.73 | 0.00 | 0.00 | 8312.73 | 0.00 | 0.00 | 0.00 | 34.07 |
| Ohio | 8742.34 | 148.24 | 0.00 | 8890.57 | 0.00 | 0.00 | 0.00 | 0.30 |
| Ontario | 7210.68 | 0.00 | 0.00 | 7210.68 | 0.00 | 0.00 | 0.00 | 65.51 |
| Pennsylvania | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Quebec | 148.00 | 30.00 | 0.00 | 178.00 | 0.00 | 0.00 | 0.00 | 17.80 |
| Wisconsin | 4724.14 | 20.90 | 1.89 | 4746.93 | 0.00 | 0.00 | 0.00 | 46.64 |
| Total | 59765.99 | 1221.95 | 11.62 | 60999.56 | 0.00 | 0.00 | 0.00 | 560.01 |

| Jurisdiction | Principal Facilities | | | | | | | Consumptive Use |
|--------------|----------------------|---------------|-------------|-----------------|-------------|-------------|-------------|-----------------|
| | Withdrawals | | | | Diversions | | | |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Illinois | 3629.82 | 0.00 | 0.00 | 3629.82 | 0.00 | 0.00 | 0.00 | 0.00 |
| Indiana | 3907.74 | 0.00 | 1.02 | 3908.76 | 0.00 | 0.00 | 0.00 | 78.21 |
| Michigan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Minnesota | 2.80 | 550.74 | 0.00 | 553.54 | 0.00 | 0.00 | 0.00 | 11.09 |
| New York | 8312.73 | 0.00 | 0.00 | 8312.73 | 0.00 | 0.00 | 0.00 | 0.00 |
| Ohio | 8742.34 | 148.24 | 0.00 | 8890.57 | 0.00 | 0.00 | 0.00 | 0.30 |
| Ontario | 0.00 | 0.00 | 0.00 | 0.00* | 0.00 | 0.00 | 0.00 | 0.00* |
| Pennsylvania | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Quebec | 148.00 | 30.00 | 0.00 | 178.00 | 0.00 | 0.00 | 0.00 | 17.80 |
| Wisconsin | 4669.55 | 20.90 | 0.00 | 4690.45 | 0.00 | 0.00 | 0.00 | 46.11 |
| Total | 29412.98 | 749.87 | 1.02 | 30163.87 | 0.00 | 0.00 | 0.00 | 153.51 |

Level of Accuracy of Withdrawal Data: 21% Measured 36% Partially Measured 42% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 70% Site-specific 30% Aggregated

*Ontario did not report its Principal Facility withdrawals for 1993.

WATER-USE CATEGORY REPORT - Self-supply - thermoelectric power - nuclear plants

DATE: 05/21/97

a) Water-Use by Basin - All Jurisdictions

UNITS: ML/d
YEAR OF DATA: 1993

| Basin | All Facilities | | | | | | | | Principal Facilities | | | | | | | | | |
|--------------------|----------------|------|------|----------|------------|------------|-------|--------|----------------------|-------------|------|----------|------------|------------|-------|------|------|-----------------|
| | Withdrawals | | | | Diversions | | | | Consumptive Use | Withdrawals | | | | Diversions | | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | GLSW | | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | | | |
| Lake Superior | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Michigan | 33430.09 | 0.00 | 0.00 | 33430.09 | 0.00 | 0.00 | 0.00 | 293.52 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 187.15 |
| Lake Huron | 22602.74 | 0.00 | 0.00 | 22602.74 | 0.00 | 0.00 | 0.00 | 0.00 | 25248.75 | 0.00 | 0.00 | 25248.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Erie | 448.61 | 0.00 | 0.00 | 448.61 | 0.00 | 0.00 | 0.00 | 76.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Ontario | 33125.76 | 0.00 | 0.00 | 33125.76 | 0.00 | 0.00 | 0.00 | 266.56 | 448.61 | 0.00 | 0.00 | 448.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 76.28 |
| St. Lawrence River | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4769.60 | 0.00 | 0.00 | 4769.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 89607.20 | 0.00 | 0.00 | 89607.20 | 0.00 | 0.00 | 0.00 | 636.35 | 30466.96 | 0.00 | 0.00 | 30466.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 263.43 |

b) Water-Use by Jurisdiction - All Basins

| Jurisdiction | All Facilities | | | | | | | | Principal Facilities | | | | | | | | | |
|--------------|----------------|------|------|----------|------------|------------|-------|--------|----------------------|-------------|------|----------|------------|------------|-------|------|------|-----------------|
| | Withdrawals | | | | Diversions | | | | Consumptive Use | Withdrawals | | | | Diversions | | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | GLSW | | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | | | |
| Illinois | 6534.01 | 0.00 | 0.00 | 6534.01 | 0.00 | 0.00 | 0.00 | 0.00 | 6534.01 | 0.00 | 0.00 | 6534.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Indiana | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Michigan | 8181.34 | 0.00 | 0.00 | 8181.34 | 0.00 | 0.00 | 0.00 | 106.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Minnesota | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| New York | 4769.60 | 0.00 | 0.00 | 4769.60 | 0.00 | 0.00 | 0.00 | 11.36 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Ohio | 448.61 | 0.00 | 0.00 | 448.61 | 0.00 | 0.00 | 0.00 | 76.28 | 4769.60 | 0.00 | 0.00 | 4769.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Ontario | 50958.90 | 0.00 | 0.00 | 50958.90 | 0.00 | 0.00 | 0.00 | 255.20 | 448.61 | 0.00 | 0.00 | 448.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 76.28 |
| Pennsylvania | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00* | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00* |
| Quebec | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Wisconsin | 18714.74 | 0.00 | 0.00 | 18714.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 89607.20 | 0.00 | 0.00 | 89607.20 | 0.00 | 0.00 | 0.00 | 636.35 | 18714.74 | 0.00 | 0.00 | 18714.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 187.15 |
| | | | | | | | | | 30466.96 | 0.00 | 0.00 | 30466.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 263.43 |

Level of Accuracy of Withdrawal Data: 27% Measured 27% Partially Measured 45% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 56% Site-specific 44% Aggregated

*Ontario did not report its Principal Facility withdrawals for 1993.

WATER-USE CATEGORY REPORT - Self-supply - hydroelectric power

DATE: 05/21/97

UNITS: ML/d
YEAR OF DATA: 1993

a) Water-Use by Basin - All Jurisdictions

| Basin | All Facilities | | | | | | | Consumptive Use | Principal Facilities | | | | | | | |
|--------------------|----------------|-----------|------|------------|------------|------------|-----------|-----------------|----------------------|-----------|------|------------|------------|------------|-------|-----------------|
| | Withdrawals | | | | Diversions | | | | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Lake Superior | 0.00 | 168020.18 | 0.00 | 168020.18 | 0.00 | -15062.22 | -15062.22 | 0.00 | 0.00 | 17962.58 | 0.00 | 17962.58 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Michigan | 0.00 | 25255.45 | 0.00 | 25255.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 25255.45 | 0.00 | 25255.45 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Huron | 86482.58 | 50905.17 | 0.00 | 137387.75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Erie | 16149.98 | 0.00 | 0.00 | 16149.98 | 14030.16 | 0.00 | 14030.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Ontario | 735749.86 | 28304.11 | 0.00 | 764053.97 | -14030.16 | 0.00 | -14030.16 | 0.00 | 0.00 | 2119.82 | 0.00 | 2119.82 | 0.00 | 0.00 | 0.00 | 0.00 |
| St. Lawrence River | 1591511.15 | 478224.00 | 0.00 | 2069735.15 | 0.00 | 0.00 | 0.00 | 2.14 | 210608.14 | 0.00 | 0.00 | 210608.14 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 2429893.57 | 750708.91 | 0.00 | 3180602.48 | 0.00 | -15062.22 | -15062.22 | 2.14 | 1250558.78 | 521442.03 | 0.00 | 1772000.81 | 0.00 | 0.00 | 0.00 | 0.00 |

b) Water-Use by Jurisdiction - All Basins

| Jurisdiction | All Facilities | | | | | | | Consumptive Use | Principal Facilities | | | | | | | |
|--------------|----------------|-----------|------|------------|------------|------------|-----------|-----------------|----------------------|-----------|------|------------|------------|------------|-------|-----------------|
| | Withdrawals | | | | Diversions | | | | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Illinois | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Indiana | 0.00 | 8941.37 | 0.00 | 8941.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 8941.37 | 0.00 | 8941.37 | 0.00 | 0.00 | 0.00 | 0.00 |
| Michigan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Minnesota | 0.00 | 17405.26 | 0.00 | 17405.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| New York | 1146699.02 | 0.00 | 0.00 | 1146699.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 17405.26 | 0.00 | 17405.26 | 0.00 | 0.00 | 0.00 | 0.00 |
| Ohio | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 564542.78 | 0.00 | 0.00 | 564542.78 | 0.00 | 0.00 | 0.00 | 0.00 |
| Ontario | 597178.55 | 229266.88 | 0.00 | 826445.43 | 0.00 | -15062.22 | -15062.22 | 2.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Pennsylvania | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00* | 0.00 | 0.00 | 0.00 | 0.00* |
| Quebec | 686016.00 | 478224.00 | 0.00 | 1164240.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Wisconsin | 0.00 | 16871.40 | 0.00 | 16871.40 | 0.00 | 0.00 | 0.00 | 0.00 | 686016.00 | 478224.00 | 0.00 | 1164240.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 2429893.57 | 750708.91 | 0.00 | 3180602.48 | 0.00 | -15062.22 | -15062.22 | 2.14 | 1250558.78 | 521442.03 | 0.00 | 1772000.81 | 0.00 | 0.00 | 0.00 | 0.00 |

Level of Accuracy of Withdrawal Data: 26% Measured 29% Partially Measured 45% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 64% Site-specific 36% Aggregated

*Ontario did not report its Principal Facility withdrawals for 1993.

WATER-USE CATEGORY REPORT - Other (navigation, sanitation, environmental)

DATE: 05/21/97

a) Water-Use by Basin - All Jurisdictions

UNITS: ML/d
YEAR OF DATA: 1993

| Basin | All Facilities | | | | | | | |
|--------------------|----------------|---------------|-------------|----------------|----------------|----------------|----------------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Lake Superior | 0.00 | 0.00 | 0.57 | 0.57 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Michigan | 1268.68 | 0.23 | 0.57 | 1269.47 | 0.00 | 1268.68 | 1268.68 | 0.11 |
| Lake Huron | 0.00 | 148.36 | 0.00 | 148.36 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Erie | 2494.48 | 14.12 | 0.61 | 2509.20 | 2489.52 | -47.70 | 2441.82 | 0.00 |
| Lake Ontario | 1245.40 | 486.23 | 0.00 | 1731.63 | -1244.12 | 0.00 | -1244.12 | 0.00 |
| St. Lawrence River | 499.67 | 101.93 | 0.00 | 601.60 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 5508.22 | 750.87 | 1.74 | 6260.83 | 1245.40 | 1220.98 | 2466.38 | 0.11 |

| Basin | Principal Facilities | | | | | | | |
|--------------------|----------------------|--------------|-------------|----------------|---------------|----------------|----------------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Lake Superior | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Michigan | 1268.68 | 0.19 | 0.15 | 1269.02 | 0.00 | 1268.68 | 1268.68 | 0.08 |
| Lake Huron | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lake Erie | 4.96 | 13.02 | 0.45 | 18.43 | 0.00 | -47.70 | -47.70 | 0.00 |
| Lake Ontario | 1245.40 | 0.00 | 0.00 | 1245.40 | 0.00 | 0.00 | 0.00 | 0.00 |
| St. Lawrence River | 499.67 | 0.00 | 0.00 | 499.67 | 499.67 | 0.00 | 499.67 | 0.00 |
| Total | 3018.70 | 13.21 | 0.61 | 3032.52 | 499.67 | 1220.98 | 1720.65 | 0.08 |

b) Water-Use by Jurisdiction - All Basins

| Jurisdiction | All Facilities | | | | | | | |
|--------------|----------------|---------------|-------------|----------------|----------------|----------------|----------------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Illinois | 1268.68 | 0.00 | 0.00 | 1268.68 | 0.00 | 1268.68 | 1268.68 | 0.00 |
| Indiana | 0.00 | 0.23 | 0.57 | 0.79 | 0.00 | 0.00 | 0.00 | 0.11 |
| Michigan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Minnesota | 0.00 | 0.00 | 0.57 | 0.57 | 0.00 | 0.00 | 0.00 | 0.00 |
| New York | 1745.07 | 0.00 | 0.00 | 1745.07 | 1245.40 | 0.00 | 1245.40 | 0.00 |
| Ohio | 4.96 | 14.12 | 0.61 | 19.68 | 0.00 | -47.70 | -47.70 | 0.00 |
| Ontario | 2489.52 | 736.52 | 0.00 | 3226.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| Pennsylvania | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Quebec | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Wisconsin | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 5508.22 | 750.87 | 1.74 | 6260.83 | 1245.40 | 1220.98 | 2466.38 | 0.11 |

| Jurisdiction | Principal Facilities | | | | | | | |
|--------------|----------------------|--------------|-------------|----------------|---------------|----------------|----------------|-----------------|
| | Withdrawals | | | | Diversions | | | Consumptive Use |
| | GLSW | OSW | GW | TOTAL | Intrabasin | Interbasin | TOTAL | |
| Illinois | 1268.68 | 0.00 | 0.00 | 1268.68 | 0.00 | 1268.68 | 1268.68 | 0.00 |
| Indiana | 0.00 | 0.19 | 0.15 | 0.34 | 0.00 | 0.00 | 0.00 | 0.08 |
| Michigan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Minnesota | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| New York | 1745.07 | 0.00 | 0.00 | 1745.07 | 499.67 | 0.00 | 499.67 | 0.00 |
| Ohio | 4.96 | 13.02 | 0.45 | 18.43 | 0.00 | -47.70 | -47.70 | 0.00 |
| Ontario | 0.00 | 0.00 | 0.00 | 0.00* | 0.00 | 0.00 | 0.00 | 0.00* |
| Pennsylvania | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Quebec | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Wisconsin | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 3018.70 | 13.21 | 0.61 | 3032.52 | 499.67 | 1220.98 | 1720.65 | 0.08 |

Level of Accuracy of Withdrawal Data: 30% Measured 27% Partially Measured 42% Calculated or Estimated
 Level of Aggregation of Withdrawal Data Source: 67% Site-specific 33% Aggregated

*Ontario did not report its Principal Facility Withdrawals for 1993.