



# WATER WITHDRAWAL PERMIT APPLICATION INSTRUCTIONS

Michigan  
Department of Environmental Quality

## WHO MUST APPLY FOR A WATER WITHDRAWAL PERMIT?

Part 327, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, requires the owner of property who proposes to make a new or increased water withdrawal on that property that meets any of the following conditions to apply for a permit prior to making the withdrawal:

- (a) More than 2,000,000 gallons per day capacity from the waters of the state to supply a common distribution system. Includes withdrawals from groundwater, inland surface water, and the Great Lakes and connecting channels.
- (b) A Zone C withdrawal as determined by a site-specific review of more than 1,000,000 gallons per day capacity from the waters of the state to supply a common distribution system.
- (c) Will result in a transfer of more than 100,000 gallons per day average over any 90-day period from the watershed of one Great Lake to that of another Great Lake.

## EXCEPTIONS

The following are **not** required to apply for a water withdrawal permit:

- (a) A community water supply that holds a permit under the Safe Drinking Water Act, 1976 PA 399.
- (b) A person who makes seasonal withdrawals of less than 2,000,000 gallons per day average in any consecutive 90-day period to supply a common distribution system.
- (c) A person producing bottled drinking water who meets the requirements of a water source review conducted under Section 17 of the Safe Drinking Water Act, 1976 PA 399.

## PERMIT APPLICATION INSTRUCTIONS

### I. FACILITY and CONTACT INFORMATION

**Facility Information:** Include the Facility or Company Name, a sub-facility if applicable, and the County and Township where the facility is located.

**Contact Person Information:** Provide the name, address, phone number and e-mail address (if available) of the primary contact. The contact person must be a company representative- not a third party agent. This information is used to direct future mailings.

### II. PROPOSED WATER WITHDRAWAL INFORMATION

**a.1. Name of Water Source:** Provide the name used to identify the water source of the proposed withdrawal.

**a.2. Water Source Type:** Choose a source type. Groundwater includes only withdrawals from a well; Great Lakes or Connecting Waterways includes only direct withdrawals from Lakes Erie, Huron, Michigan, Superior or St. Clair or from the Detroit, St. Clair or St. Mary's Rivers; and Inland Surface Water includes all streams, drains, ponds, rivers and lakes not listed above as Great Lakes water.

**a.3. Pump Capacity:** Enter the rated pump capacity of the proposed withdrawal in millions of gallons per day.

**a.4. Location:** Enter the latitude and longitude coordinates of the proposed withdrawal.

**b. Proposed Maximum Withdrawal:** Report in millions of gallons the anticipated maximum monthly withdrawals from the proposed withdrawal.

**c. Primary Purpose of Use:** Choose one purpose that describes the use of water for the proposed withdrawal, or provide a description.

### III. PROPOSED RETURN FLOW DISCHARGE INFORMATION

**a. Name of Discharge Location:** Provide the name of the receiving location, for example the lake, river, settling pond, etc. of the discharge.

**b. Receiving Water Type:** Groundwater includes discharges to the ground surface or subsurface; Great Lakes or Connecting Waterways includes only direct discharges to Lakes Erie, Huron, Michigan, Superior or St. Clair or to the Detroit, St. Clair or St. Mary's Rivers; and Inland Surface Water includes all streams, drains, ponds, rivers and lakes not listed above as Great Lakes water.

**c. Location:** Provide the latitude and longitude coordinates of the discharge point.

**d. Total Discharge Volume or Rate:** Provide the annual discharge volume or rate of the proposed withdrawal. Choose either the average volume in millions of gallons per day, or the rate of discharge as a percentage of the proposed withdrawal amount. Consumptive use of the proposed water withdrawal accounts for the difference, if any, between the proposed withdrawal volume or rate, and the discharge volume or rate.

#### **IV. EVALUATION OF EXISTING HYDROLOGICAL AND HYDROGEOLOGICAL CONDITIONS**

Please attach documentation of existing hydrological and hydrogeological conditions, and an evaluation of the predicted effects of the proposed withdrawal.

#### **V. ENVIRONMENTALLY SOUND AND ECONOMICALLY FEASIBLE WATER CONSERVATION MEASURES**

Please attach documentation self-certifying the water conservation measures applicable to your water use sector that are currently in place or that you intend to incorporate into operation of the proposed withdrawal. Water Conservation Measures are available online at <http://www.michigan.gov/wateruse>.

#### **VI. DECISION-MAKING STANDARD OF THE GREAT LAKES – ST. LAWRENCE RIVER BASIN WATER RESOURCES COMPACT**

All criteria of the Great Lakes – St. Lawrence River Basin Water Resources Compact Decision-Making Standard must be met for approval of a Michigan water withdrawal permit. Please attach documentation describing how the withdrawal will be implemented such that these criteria are met (see application form).

#### **VII. DOES THIS FACILITY HOLD A PERMIT ISSUED UNDER PART 31 FOR A COOLING WATER INTAKE STRUCTURE?**

If yes, please attach a copy of the signed Part 31 discharge authorization, certificate of coverage, or other substantiating documentation.

#### **VII. PERMIT APPLICATION SUBMITTAL**

Please send the completed application and required supporting documentation, along with a check for \$2,000.00 payable to STATE OF MICHIGAN to:

MICHIGAN DEPT. OF ENVIRONMENTAL QUALITY  
CASHIER'S OFFICE - WURF  
PO BOX 30657  
LANSING, MI 48909-8157

#### **CONTACT WATER USE PROGRAM STAFF**

If you have any questions, please feel free to contact Andrew LeBaron at (517) 284-5563, or e-mail: [lebarona@michigan.gov](mailto:lebarona@michigan.gov)



# WATER WITHDRAWAL PERMIT APPLICATION

Required under Part 327 of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. Failure to follow the provisions of the act may result in a civil fine up to \$1,000.

Michigan  
Department of Environmental Quality

Please PRINT the following information:

I. Facility Information		Contact Information	
Facility or Company Name		Contact Person	Phone (     )
Sub-Facility Name (if applicable)		Mailing address	
Facility County		City / State / Zip	
Facility Township(s)		Email address	

## II. Proposed Water Withdrawal Information (see instructions)

### a. Water Source and Pump Information

1. Name of Water Source	2. Water Source Type (choose one)	3. Pump Capacity	4. Location	
	<input type="checkbox"/> Groundwater <input type="checkbox"/> Inland Surface Water <input type="checkbox"/> Great Lakes or Connecting Waterways	Million Gallons per Day	Latitude:	
			Longitude:	

### b. Proposed Maximum Withdrawal

#### Anticipated Withdrawal Volumes in MILLIONS OF GALLONS

January	February	March	April	May	June
July	August	September	October	November	December

### c. Primary Purpose of Use (choose one)

Irrigation <input type="checkbox"/>	Industrial / Manufacturing <input type="checkbox"/>	Public Water Supply <input type="checkbox"/>	Quarry / Mining / Dewatering <input type="checkbox"/>	Electric Power Generation <input type="checkbox"/>	Lake Augmentation <input type="checkbox"/>	Other <input type="checkbox"/>
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Description :

III. Proposed Return Flow Discharge Information			
a. Name of Discharge Location	b. Receiving Water Type (choose one)	c. Location	d. Total Discharge Volume or Rate
	<input type="checkbox"/> Groundwater <input type="checkbox"/> Inland Surface Water <input type="checkbox"/> Great Lakes or Connecting Waterways	Latitude: _____ Longitude: _____	<input type="checkbox"/> Millions of Gallons Per Day, or <input type="checkbox"/> Percentage of Proposed Withdrawal

**IV. Evaluation of Existing Hydrological and Hydrogeological Conditions**

Please attach documentation of existing hydrological and hydrogeological conditions, and an evaluation of the predicted effects of the proposed withdrawal.

**V. Environmentally Sound and Economically Feasible Water Conservation Measures**

Please attach documentation self-certifying the water use conservation measures applicable to your water use sector that are currently in place or that you intend to incorporate into operation of the proposed withdrawal. Water Use Conservation Measures are available online at <http://www.michigan.gov/wateruse>.

**VI. Decision-Making Standard of the Great Lakes – St. Lawrence River Basin Water Resources Compact**

**Please attach documentation describing how the withdrawal will be implemented such that the following criteria are met:**

1. All water withdrawn shall be returned, either naturally or after use, to the source watershed less an allowance for consumptive use;
2. The withdrawal will be implemented so as to ensure it will not result in significant individual or cumulative adverse impacts to the quantity or quality of the waters and water dependent natural resources of the source watershed and the Great Lakes;
3. The withdrawal will be implemented so as to incorporate Environmentally Sound and Economically Feasible Water Conservation Measures;
4. The withdrawal or consumptive use will be implemented so as to ensure that it is in compliance with all applicable municipal, State and federal laws as well as regional interstate and international agreements, including the Boundary Waters Treaty of 1909;
5. The proposed use is reasonable under common law principles of water law in Michigan, and based upon a consideration of the following factors:
  - a) Whether the proposed withdrawal is planned in a fashion that provides for efficient use of the water, and will avoid or minimize the waste of water;
  - b) If the proposal is for an increased withdrawal, whether efficient use is made of existing water supplies;
  - c) The balance between economic development, social development and environmental protection of the proposed withdrawal and use and other existing or planned withdrawals and water uses sharing the water source;
  - d) The supply potential of the water source, considering quantity, quality, and reliability and safe yield of hydrologically interconnected water sources;
  - e) The probable degree and duration of any adverse resource impacts caused or expected to be caused by the proposed withdrawal under foreseeable conditions, to other lawful consumptive or non-consumptive uses of water or to the quantity or quality of the waters and water dependent natural resources of the Basin, and the proposed plans and arrangements for avoidance or mitigation of such impacts; and,
  - f) Consideration as to the need for the proposal to include restoration of hydrologic conditions and functions of the source watershed.

## WATER WITHDRAWAL PERMIT APPLICATION, continued

VII. Does this facility hold a permit issued under Part 31 for a cooling water intake structure?	
<input type="checkbox"/> YES	Please attach a copy of the signed Part 31 discharge authorization, certificate of coverage, or other substantiating documentation.
<input type="checkbox"/> NO	

VIII. Permit Application Return and Payment	
I understand that my signature constitutes a legal agreement as to the accuracy and truthfulness of the information provided in this application. Further, I certify as to compliance with the Water Conservation Measures identified in Section V of the permit application.	When completed, mail this form and a \$2,000.00 permit application fee to the address below. Please make your check payable to STATE OF MICHIGAN (do not send cash).
X	<b>RETURN TO:</b>  <b>MICHIGAN DEPT. OF ENVIRONMENTAL QUALITY                  CASHIER'S OFFICE – WURF                  PO BOX 30657                  LANSING, MI 48909-8157</b>
Owner or authorized representative's signature	Date

<b>FOR DEQ CASHIER'S OFFICE USE ONLY:                  60000-42248-9175</b>