



WATER WITHDRAWAL PERMIT APPLICATION INSTRUCTIONS



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

WHO MUST APPLY FOR A WATER WITHDRAWAL PERMIT?

Part 327, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, requires a person who proposes to make a new or increased water withdrawal from the waters of the state 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 in total cumulative withdrawal capacity utilizing a common distribution system. Includes withdrawals from groundwater, inland surface water, and the Great Lakes and connecting waterways.
- (b) A Zone C withdrawal as determined by a site-specific review of more than 1,000,000 gallons per day capacity utilizing a common distribution system.
- (c) A transfer from the watershed of one Great Lake to that of another Great Lake of more than 100,000 gallons per day average over any 90-day period.

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. APPLICANT INFORMATION

Property or Facility Name: Include the Property or Facility Name, Project Name if applicable, and the Owner or their Representative's Name and contact information.

Primary Contact Information: Provide the name and contact information of the primary contact person for the permit application, if different than the property owner or their authorized representative. Attach written authorization from the property owner or their representative to act as the primary contact in applying for the permit.

II. PROPOSED WATER WITHDRAWAL INFORMATION

a.1. Name of Water Source: Provide the name of the water source of the proposed withdrawal, and a description of the project boundary if applicable.

a.2. Water Source Type: Groundwater includes only withdrawals from wells; Great Lakes or Connecting Waterways includes only direct withdrawals from the Great Lakes, Lake St. Clair or from the Detroit, St. Clair or St. Marys Rivers; Inland Surface Water includes all streams, drains, ponds, rivers and lakes not listed above.

a.3. Total Maximum Pump Capacity: Enter the total maximum rated pump capacity (maximum potential withdrawal rate) of the proposed withdrawal in millions of gallons per day.

a.4. Location: Enter the latitude and longitude coordinates of the proposed withdrawal, or the approximate centroid if appropriate. If necessary, attach additional documentation to describe the project location and the project area boundaries.

b. Proposed Maximum Withdrawal: Enter the anticipated maximum monthly withdrawals in millions of gallons for a sample year.

c. Primary Purpose of Use: Provide a description of the purpose of the water use for the proposed withdrawal.

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.

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b. Receiving Water Type: Groundwater includes discharges to the ground surface or subsurface; Great Lakes or Connecting Waterways includes only direct discharges to the Great Lakes, Lake St. Clair or to the Detroit, St. Clair or St. Marys Rivers; Inland Surface Water includes all streams, drains, ponds, rivers and lakes not listed above.

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

Attach documentation of existing hydrological and hydrogeological conditions including an evaluation of the potential effects of the proposed withdrawal on neighboring water wells, wetlands, and inland lakes or streams.

V. PRIVATE PROPERTY CONFLICT CONTINGENCY PLAN

Attach documentation of a contingency plan for corrective actions in the event of conflict with the normal operation of neighboring water wells, including temporary or permanent impact to the quantity and/or quality of water previously furnished by neighboring wells, or other conflicts with private property rights.

VI. ENVIRONMENTALLY SOUND AND ECONOMICALLY FEASIBLE WATER USE CONSERVATION MEASURES

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> .

VII. 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).

VIII. 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.

IX. 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 DEPARTMENT OF ENVIRONMENT, GREAT LAKES,
AND ENERGY
CASHIER'S OFFICE - WURF
PO BOX 30657
LANSING, MI 48909-8157

CONTACT WATER USE PROGRAM STAFF

For questions contact Andrew LeBaron at (517) 599-3792, or e-mail: 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
ENVIRONMENT, GREAT LAKES, AND ENERGY

I. Applicant Information		Primary Contact Information (if applicable)	
Property or Facility Name		Name	
Project Name (if applicable)		Company	
Property Owner or Representative Name		Mailing address, City, State, Zip code	
Mailing address, City, State, Zip code		Phone	Email
Phone	Email	Authorization from Property Owner or their Representative	
Attach written authorization to act as the primary contact for the permit.			

II. Proposed Water Withdrawal Information (see instructions)					
a. Water Source and Pump Information					
1. Name of Water Source (and description of project boundary, if applicable)	2. Water Source Type (choose one)	3. Total Maximum Pump Capacity	4. Location (approximate centroid, if applicable)		
	<input type="checkbox"/> Groundwater	Million Gallons per Day	Latitude:		
	<input type="checkbox"/> Inland Surface Water		Longitude:		
	<input type="checkbox"/> Great Lakes or Connecting Waterways				
b. Maximum Withdrawal per Month in MILLIONS OF GALLONS					
January	February	March	April	May	June
July	August	September	October	November	December
c. Primary Purpose of Use					
Description:					



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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:		<input type="checkbox"/> Millions of Gallons Per Day, or <input type="checkbox"/> Percentage of Proposed Withdrawal
		Longitude:		

IV. Evaluation of Existing Hydrological and Hydrogeological Conditions

Attach documentation of existing hydrological and hydrogeological conditions including an evaluation of the potential effects of the proposed withdrawal on neighboring water wells, wetlands, and inland lakes or streams.

V. Private Property Conflict Contingency Plan

Attach documentation of a contingency plan for corrective actions in the event of conflict with the normal operation of neighboring water wells, including temporary or permanent impact to the quantity and/or quality of water previously furnished by neighboring wells, or other conflicts with private property rights.

VI. Environmentally Sound and Economically Feasible Water Use Conservation Measures

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>.

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

Attach documentation describing how the withdrawal will be implemented such that all of 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, 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.



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VIII. 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	

IX. 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 Use Conservation Measures identified in Section VI 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	RETURN TO: MICHIGAN DEPT. OF ENVIRONMENT, GREAT LAKES, AND ENERGY CASHIER'S OFFICE – WURF PO BOX 30657 LANSING, MI 48909-8157
Property owner or representative's signature	

FOR EGLE CASHIER'S OFFICE USE ONLY: 60000-42248-9175