MEMORANDUM TO THE NATURAL RESOURCES COMMISSION

Subject: Fisheries Order 202.18
Special Hook Size Fishing Regulations

Authority:

The Natural Resources and Environmental Protection Act, 1994 PA 451, authorizes the Director and the Commission to issue Orders to regulate the taking of fish in the waters of this state.

Discussion and Background:

In 2015, new hook regulations were put into effect on the Manistee River, Big Sable River, Betsie River, and Bear Creek to curtail illegal snagging activities. This regulation focuses on the use of treble hooks and allows their usage only as long as the treble hooks are attached to an artificial lure (as defined). For years, officers witnessed people using treble hooks attached to their lines to attempt to snag migrating trout and salmon as well as lures made primarily out of lead developed to snag fish unlawfully during peak spawning migrations as these gear types were lawful to possess and use. There is a very fine line to consider as anglers need access to the appropriate fishing gear types to be able to catch fish; while certain gear has been determined to provide an opportunity to catch fish by snagging. The new artificial lure regulations have been in effect for both the 2015 and 2016 fishing seasons and according to Department staff this regulation has been extremely well received by law-abiding anglers, professional river guides, and riparian owners. These regulations have been determined to allow anglers to catch fish while reducing unlawful use of other gear fished for snagging purposes. Therefore, Fisheries Division proposes to add the following waters to the Order restricting usage of specific gear types: Pere Marquette River, Little Manistee River, Muskegon River, White River, and Pentwater River.

Issue Pros and Cons
The existing regulation is effective in reducing unlawful fishing activities while expanding angler opportunities for those who shied away from places where unlawful fishing was common. Adding new waters to the list where this regulation applies will increase more angling opportunities as unlawful fishing will be further reduced in a much larger segment of the area. Anglers and law enforcement staff are supportive of these regulations.

Conversely, this regulation will make it unlawful for those anglers who use treble hooks not attached to an artificial lure. Some anglers currently use treble hooks while fishing bait such as spawn and will now need to use single hooks for this type of fishing behavior.

Biological
These regulations will not have a direct biological impact on the fishery, but will better protect the fishery from unethical and unlawful snagging.
Social
Snagging is a social issue. Anglers see it as an unспorting way to catch game fish, and is greatly frowned upon by the angling public. As sport fishing gained popularity, sportfishing organizations initiated efforts to eliminate the practice. Snagging has been unlawful for decades in Michigan and the sport angling community is still very supportive of the ban.

Economic
There are no anticipated significant economic gains or losses expected from the passage of this proposal. However, there could be minor economic gains attributed to replacing unlawful angling efforts with those of lawful anglers who will be able to bring their families to high profile salmon fishing areas.
Recommendation:

Relevant Divisions have contributed to the preparation of this Order. This Order was submitted for information on September 14, 2017, at the Natural Resources Commission meeting. This item appeared on the Department’s September 2017 calendar and may be eligible for approval on October 12, 2017.

James Dexter, Chief
Fisheries Division

Gary Hagler, Chief
Law Enforcement Division

Russ Mason, Ph.D., Chief
Wildlife Division

Marc Miller, Acting Chief
Forest Resources Division

Ronald A. Olson, Chief
Parks and Recreation Division

William O'Neill
Natural Resources Deputy

I have analyzed and discussed these recommendations with staff and concur as to matters over which the Director has authority.

Keith Creagh, Director

Date 10/12/17
FISHERIES ORDER

Special Hook Size Regulations
Order 202.18

By authority conferred on the Natural Resources Commission and the Department of Natural Resources by Part 487 of 1994 PA 451, MCL 324.48701 to 324.48740, it is ordered on October 12, 2017, the following section(s) of the Fisheries Order shall read as follows:

1) Streams where it shall be unlawful to use other than one single-pointed un-weighted hook measuring 3/8-inch or less from point to shank:

<table>
<thead>
<tr>
<th>County</th>
<th>Stream</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allegan</td>
<td>Swan Creek (from the mouth upstream to the dam at 118th Avenue)</td>
</tr>
<tr>
<td>Benzie</td>
<td>Platte River</td>
</tr>
<tr>
<td>Berrien</td>
<td>Townsend Creek (T6S, R17W, S19 and the mouth area of Lake Chapin, to a point 100 yards below the Townsend Creek mouth into Lake Chapin)</td>
</tr>
<tr>
<td>Charlevoix</td>
<td>Boyne River (from mouth upstream to dam in T32N, R5W, S5)</td>
</tr>
<tr>
<td>Emmet</td>
<td>Bear River (from mouth upstream to Lake Street Dam T34N, R5W, S6)</td>
</tr>
<tr>
<td>Van Buren</td>
<td>South Branch Black River and all tributaries upstream of Breedsville (Mill Street).</td>
</tr>
</tbody>
</table>

2) For the purpose of this section, an artificial lure is defined as a body bait, plug, spinner, or spoon. An artificial lure is not a device primarily constructed of lead. From August 1 through November 15, inclusive, terminal fishing gear is restricted to single-pointed, un-weighted hooks, measuring ½-inch or less from point to shank or treble hooks measuring ⅛-inch or less from point to shank only when attached to an artificial lure on the following waters:

a. Benzie County: all waters of the Betsie River.

b. Manistee County: all waters of Bear Creek, all waters of the Betsie River, and the Manistee River from Tippy Dam downstream to Railroad Bridge below M-55 (T21N, R16W, S6).

c. Mason County: the Big Sable River (from mouth upstream to Hamlin Lake Dam).

d. Mason, Lake, Oceana, Newaygo: all waters of the Pere Marquette River.

e. Manistee, Mason, and Lake Counties: all waters of the Little Manistee River.

f. Muskegon, Oceana, and Newaygo Counties: all waters of the White River.

g. Muskegon, Newaygo, Mecosta, Montcalm, Oseeola, Clare, Missaukee, and Roscommor Counties: all waters of the Muskegon River.

h. Oceana and Mason Counties: all waters of the Pentwater River.
This Order shall be assigned number FO-202.18, and is entitled “Special Hook Size Regulations.”

This Order supersedes the Order entitled “Special Hook Size Regulations,” which became effective March 19, 2015, and is assigned number FO-202.15.

This Order shall take effect April 1, 2018 and shall remain in effect until amended/rescinded.

Issued on this 12th day of October, 2017.

Approved as to matters over which the Natural Resources Commission has authority.

[Signature]
John Matonich, Chairman
Natural Resources Commission

Approved as to matters over which the Director has authority.

[Signature]
Keith Creagh
Director
MEMORANDUM TO THE NATURAL RESOURCES COMMISSION

Subject: Fisheries Order 204.18
        Spawning Closures

Authority:
The Natural Resources and Environmental Protection Act, 1994 PA 451, authorizes the Director and the Commission to issue Orders to regulate the taking of fish in the waters of this state.

Discussion and Background:

Fisheries Order 204 governs spawning closures placed on specific locations to protect vulnerable fishery resources. It is recommended that one provision be added to the Order and one existing regulation be modified to increase clarity. Therefore, the following changes are proposed:

1. Northern Lake Huron: Les Cheneaux Area (Mackinac Bay, Shepard Bay, and Flower Bay) – removing fishing closure (March 15 – May 14) set in place to protect spawning fish as there is no biological reason to continue the closure. This will result in increased angler opportunities.

2. West Branch Ontonagon River (Ontonagon County) – amend the current regulation, which closes the river from April 1 – June 10 “from it’s confluence with the Victoria Hydro Station tailrace (T50N, R39W, SE 1/4 of the SW 1/4 of S29) upstream to Victoria Dam,” to expressly state that the closure includes the “tailrace canal.” This will clarify the regulation for anglers and law enforcement personnel.

Issue Pros and Cons
Removing the Les Cheneaux Area bay closures will increase angler opportunities and reduce complexity of the Order. The modification to the West Branch Ontonagon River will provide more specific information to the Order: so anglers have a better understanding of where the spawning closure is in effect. This change will also aid law enforcement activities.

Biological
The Les Cheneaux bay closures were closed for social reasons and therefore, their removal is warranted as there is no biological rationale for keeping the closure. The change to the West Branch of the Ontonagon River reach is being modified for clarity and was set into place to protect vulnerable fish.

Social
The Les Cheneaux bays were closed for social reasons decades ago and therefore, their removal is warranted as there is no biological rationale for keeping the closure. The change to the West Branch of the Ontonagon River reach is being modified for clarity and was set into place to protect vulnerable fish.

Economic
The Department does not expect the proposed change to have any significant budgetary or personnel implications.
Recommendation:

Relevant Divisions have contributed to the preparation of this Order. This Order was submitted for information on September 14, 2017, at the Natural Resources Commission meeting. This item appeared on the Department’s September 2017 calendar and may be eligible for approval on October 12, 2017.

James Dexter, Chief
Fisheries Division

Gary Hagler, Chief
Law Enforcement Division

Russ Mason, Ph.D., Chief
Wildlife Division

Marc Miller, Acting Chief
Forest Resources Division

Ronald A. Olson, Chief
Parks and Recreation Division

William O’Neill
Natural Resources Deputy

I have analyzed and discussed these recommendations with staff and concur as to matters over which the Director has authority.

Keith Creagh, Director

Date

10/12/17
FISHERIES ORDER

Spawning Closures
Order 204.18

By authority conferred on the Natural Resources Commission and the Department of Natural Resources by Part 487 of 1994 PA 451, MCL 324.48701 to 324.48740, ordered on October 12, 2017, the following section(s) of the Fisheries Order shall read as follows:

The following stream sections are closed to fishing to protect concentrations of spawning fish:

<table>
<thead>
<tr>
<th>County</th>
<th>Area Closed</th>
<th>Closure Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alger</td>
<td>Rock River - between dam and its downstream-most foot bridge located downstream from M-28 (T47N, R21W, S15)</td>
<td>April 1 – June 30</td>
</tr>
<tr>
<td>Allegan</td>
<td>Swan Creek – from mouth upstream to Diversion Dam (&quot;The Tubes&quot;; T2N, R14W, S9)</td>
<td>September 1 – November 30</td>
</tr>
<tr>
<td>Antrim</td>
<td>Intermediate River from Bellaire Dam to Highway M-88 Bridge</td>
<td>April 1 – May 14</td>
</tr>
<tr>
<td>Arenac, Bay</td>
<td>Pine River – upstream from State Road (T18N, R5E, S5)</td>
<td>March 16 – Friday before last Saturday in April</td>
</tr>
<tr>
<td>Arenac, Bay</td>
<td>Saganing Creek – upstream from State Road (T18N, R5E, S30)</td>
<td>March 16 – Friday before last Saturday in April</td>
</tr>
<tr>
<td>Baraga</td>
<td>Sturgeon River – from the Prickett Dam downstream to mouth of Clear Creek (T50N, R35W, S12)</td>
<td>April 1 – June 30</td>
</tr>
<tr>
<td>Bay</td>
<td>Kawkawlin River and all tributaries upstream from Euclid Avenue (T14N, R5E, S6)</td>
<td>March 16 – Friday before last Saturday in April</td>
</tr>
<tr>
<td>Benzie</td>
<td>Platte River from US-31 bridge at Veteran’s Park downstream to Platte Lake</td>
<td>January 1 – March 31</td>
</tr>
<tr>
<td>Benzie</td>
<td>Platte River within 300 feet of the upper (hatchery) weir infrastructure</td>
<td>Whenever weir is in place</td>
</tr>
<tr>
<td>Benzie</td>
<td>Platte River within 300 feet of the lower weir infrastructure</td>
<td>Whenever weir is in place</td>
</tr>
<tr>
<td>Location</td>
<td>Description</td>
<td>Season</td>
</tr>
<tr>
<td>----------</td>
<td>-------------</td>
<td>--------</td>
</tr>
<tr>
<td>Benzie</td>
<td>Betsie River – No fishing within 100 feet upstream and downstream from the lamprey barrier and fish passage facility (T25N, R15W, S2)</td>
<td>Year around</td>
</tr>
<tr>
<td>Charlevoix</td>
<td>Medusa Creek – Tributary to Lake Michigan (T34N, R8W, S28) and including an area of Lake Michigan in a radius of 100 feet from the mouth of Medusa Creek</td>
<td>Whenever weir is in place</td>
</tr>
<tr>
<td>Cheboygan</td>
<td>Black River - from Kleber Dam downstream to Red Bridge (T35N, R1E, S5), it shall be unlawful to take or attempt to take any species of fish</td>
<td>April 1 - June 15</td>
</tr>
<tr>
<td>Cheboygan</td>
<td>Lower Black River from Alvero Dam downstream to Mograin Bridge (T37N, R1W, S26)</td>
<td>April 1 – May 14</td>
</tr>
<tr>
<td>Cheboygan</td>
<td>Douglas Lake Pike Marsh (T37N, R3W, S8)</td>
<td>Whenever marsh is in operation</td>
</tr>
<tr>
<td>Chippewa</td>
<td>Potaganissing River from Potaganising Dam downstream to Maxton Road (T42N, R6E, S15)</td>
<td>March 16 – May 14</td>
</tr>
<tr>
<td>Delta</td>
<td>Rapic River Borrow Pit (T40N, R21W, S34)</td>
<td>Year around</td>
</tr>
<tr>
<td>Grand Traverse</td>
<td>Boardman River within 300 feet upstream or downstream of weir in Traverse City</td>
<td>Whenever weir is in place</td>
</tr>
<tr>
<td>Iosco</td>
<td>East Branch Au Gres River – between DNR lamprey weir and Legget Road (T21N, R6E, S10)</td>
<td>December 1 – day before last Saturday in April</td>
</tr>
<tr>
<td>Iosco</td>
<td>Au Sable River – All that portion below the Foote Dam including the apron to 175 feet downstream from the dam</td>
<td>Year around</td>
</tr>
<tr>
<td>Iosco</td>
<td>Au Gres River from a point 50 feet upstream from the Allen (Cox) Road Bridge to 500 feet downstream (T21N, R6E, S31 &amp; 32)</td>
<td>March 16 – Friday before last Saturday in April</td>
</tr>
<tr>
<td>Manistee</td>
<td>The southern end of Manistee Lake in the vicinity of the mouth of the Little Manistee River, being that area of Manistee Lake south of a line drawn from a squared red post, located 100 feet southeast of the launch ramp at the DNR Public Access Site on the east shore, extending southwesterly to a squared red post on the west shore located near the southern end of the Packaging Corporation of America Plant</td>
<td>September 6 – October 15 or whenever the established quota of Chinook eggs are taken</td>
</tr>
<tr>
<td>Manistee</td>
<td>Little Manistee River from a point 300 feet downstream from the DNR weir (T21N, R16W, S25) to Manistee Lake</td>
<td>September 1 – November 14 and January 1 – March 31</td>
</tr>
<tr>
<td>Manistee</td>
<td>Little Manistee River within 300 feet of the DNR weir (T21N, R16W, S25)</td>
<td>Year around</td>
</tr>
<tr>
<td>Manistee</td>
<td>Little Manistee River from a point 300 feet upstream of the</td>
<td>January 1 –</td>
</tr>
<tr>
<td>Mason, Lake</td>
<td>DNR weir to Spencers Bridge</td>
<td>March 31</td>
</tr>
<tr>
<td>------------</td>
<td>-----------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>Marquette</td>
<td>Salmon-Trout River from lower falls (T51N, R28W, S13) to the mouth (T52N, R27W, S31)</td>
<td>August 15 – Friday before the last Saturday in April</td>
</tr>
<tr>
<td>Midland</td>
<td>Tittabawassee River—between Sanford Dam and the mouth of the Salt River (T15N, R1W, S24)</td>
<td>March 16 – Friday before last Saturday in April</td>
</tr>
<tr>
<td>Midland</td>
<td>Tittabawassee River—between the Dow Dam and Gordonville Bridge (T13N, R2E, S1)</td>
<td>March 16 – Friday before last Saturday in April</td>
</tr>
<tr>
<td>Ontonagon</td>
<td>West Branch Ontonagon River—from its confluence with the Victoria Hydro Station tail race (T50N, R39W, SE ¼ of the SW ¼ of S29) upstream to Victoria Dam, including the tailrace canal</td>
<td>April 1 – June 10</td>
</tr>
<tr>
<td>Otsego</td>
<td>Otsego Lake Pike Marsh (T30N, R3W, S20)</td>
<td>Whenever marsh is in operation</td>
</tr>
<tr>
<td>Presque Isle</td>
<td>Shuberts Creek (T33N, R7E) from Long Lake upstream to Clinton Creek Road (T33N, R7E, S14)</td>
<td>April 1 – May 14</td>
</tr>
<tr>
<td>Presque Isle</td>
<td>Clinton Creek (T33N, R7E, S26)</td>
<td>April 1 – May 14</td>
</tr>
<tr>
<td>Presque Isle</td>
<td>Grand Lake Pike Marsh (T34N, R7E, S21 &amp; 22)</td>
<td>Whenever marsh is in operation</td>
</tr>
<tr>
<td>Presque Isle</td>
<td>Swar River – from 300 feet above weir to mouth (T35N, R6E, S20 &amp; 29)</td>
<td>Whenever weir is in place</td>
</tr>
<tr>
<td>Presque Isle</td>
<td>Rainy River from the confluence with Black Lake upstream to North Allis Road Bridge (T35N, R2E, S15)</td>
<td>April 1 – May 14</td>
</tr>
<tr>
<td>Roscommon</td>
<td>Backus Creek from its confluence with the Cut River (T23N, R3W, S22) upstream to Little Mud Lake Dam (T23N, R2W, S30)</td>
<td>March 23 – April 23</td>
</tr>
<tr>
<td>Roscommon</td>
<td>Cut River from its confluence with Backus Creek (T23N, R3W, S22) upstream to its outlet at Marl Lake (T24N, R3W, S34)</td>
<td>March 23 – April 23</td>
</tr>
</tbody>
</table>
This Order shall be assigned number FO-204.18, and is entitled “Spawning Closures.”

This Order supersedes the Order entitled “Spawning Closures,” which became effective September 10, 2015, and is assigned number FO-204.15.

This Order shall take effect April 1, 2018 and shall remain in effect until amended/rescinded.

Issued on this 12th day of October, 2017.

Approved as to matters over which the Natural Resources Commission has authority.

John Matonich, Chairman
Natural Resources Commission

Approved as to matters over which the Director has authority.

Keith Creagh
Director
MEMORANDUM TO THE NATURAL RESOURCES COMMISSION

Subject: Fisheries Order 205.18
Michigan-Wisconsin Boundary Waters

Authority:

The Natural Resources and Environmental Protection Act, 1994 PA 451, authorizes the Director and the Commission to issue Orders to regulate the taking of fish in the waters of this state.

Discussion and Background:

This Order sets fishing regulations on the Michigan side of the Michigan-Wisconsin boundary waters, which are managed cooperatively with the State of Wisconsin. Fisheries and law enforcement staff from both states meet annually to discuss and review regulatory issues concerning the boundary waters. The focus in recent years has been to implement comparable regulations for anglers of both states whenever possible. To further this goal, several regulations are proposed for this Order including a minimum size limit increase for Lac Vieux Desert Flowage walleye, several changes to muskellunge regulations including expanding opportunities, expanding bass fishing opportunities, removal of the muskellunge harvest tag, removal of the lake sturgeon fishing and harvest tag, an increase to trolling opportunities, and removal of the ice fishing shanty removal date.

Lac Vieux Desert Flowage (Gogebic County) – The Division recommends a minimum size limit increase for walleye from 15 inches to 18 inches due to estimates of low walleye abundance. This regulation will protect walleye to larger sizes before allowing harvest. Lac Vieux Desert is a 4,300 acre flowage in the 1842 ceded territory that is located within the Wisconsin River basin on the border of Michigan. The walleye population here has experienced a well-documented decline in abundance and recruitment over the past decade. Previous management efforts reduced the daily possession limit on this water from five to three fish in 2015. Regulatory changes to protect fish from harvest are an important tool for managers when trying to increase the population over time. The State of Wisconsin will implement the same regulation so anglers will have the same regulations across the flowage. Out of mutual concern for the walleye population in Lac Vieux Desert Lake, representatives of the Lac Vieux Desert Band, the Sokaogon (Mole Lake) Chippewa, the Michigan Department of Natural Resources (MDNR), the Wisconsin Department of Natural Resources (WDNR), and the Great Lakes Indian Fish and Wildlife Commission (GLIFWC) have agreed to jointly develop an interagency plan that seeks to restore natural reproduction and increase the density of adult walleye to at least 2.5 fish per acre.

Under this cooperative interagency plan, Michigan and Wisconsin sport anglers will fish under a conservative 18 inch minimum size harvest limit for walleye in Lac Vieux Desert Lake from 2018 to 2022. In addition, as part of this rehabilitation plan, The Lac Vieux Desert Band and the Sokaogon (Mole Lake) Chippewa, in coordination with other Bands with treaty reserved fishing rights in Lac Vieux Desert Lake, will not authorize open-water spearing or netting of walleye in Lac Vieux Desert Lake from 2018 through 2022. This plan includes a coordinated population assessment component that will enable state
and tribal fisheries managers to monitor progress towards these mutually accepted rehabilitation goals and provide the data necessary to collectively determine how the population should be managed in future years.

Several muskellunge regulation changes are proposed for the Order, which will expand fishing opportunities plus serve to enhance muskellunge populations over time. Anglers will be able to target and catch muskellunge all year with a catch-and-immediate-release (CIR) fishing season. The CIR regulation will also apply statewide. Along with the new CIR opportunity, muskellunge populations will undergo further protection from harvest with a shorter possession season starting on the first Saturday in June through November 30. The delay in the start of the possession season was an important factor when managers were considering the additional risks to muskellunge populations in allowing a CIR fishing opportunity. Managers also recommend an increase to the minimum size limit from 40 inches to 42 inches in the boundary waters to match the current statewide minimum size limit. Another change involves phasing out the muskellunge harvest tag as part of a Departmental efficiency effort as more than 250,000 were distributed in 2016. Therefore, the provision requiring that anglers obtain a harvest tag is being removed from the Order and replaced with a muskellunge harvest reporting requirement for these waters as well as the rest of the State of Michigan. Anglers will need to report their harvest within 24 hours online at: www.michigan.gov/fishing. This will more efficiently provide managers with important information to aid in future management efforts of this prized species.

A change to the CIR bass fishing season is also proposed, which will allow bass anglers to fish for bass all year. The current CIR season opens on the first Saturday in May. This change will result in expanding bass fishing opportunities and will align with the statewide CIR bass season already in effect. Given that bass anglers release a large majority of the bass they catch, this should in no way have a negative effect on bass populations in these shared waters.

Similar to the reasoning behind phasing out the muskellunge harvest tag, the Department is also recommending removal of the lake sturgeon fishing and harvest tag as another efficiency measure. The lake sturgeon fishing tags were originally designed to be used to track lake sturgeon angling pressure; given lake sturgeon are a state-listed threatened species. However, the freely distributed lake sturgeon fishing tags became much more popular for all anglers not just those focusing on lake sturgeon fishing. As a result, the effectiveness of the tag diminished over time and the large numbers being printed (greater than 200,000) at the Department’s cost, became an inefficient method for collecting the desired information. Anglers will still be required to register their lake sturgeon harvest within 24 hours at a designated registration site (site information is available online at www.michigan.gov/fishing). A change to the trolling provision is recommended, to reflect a change in Wisconsin’s trolling regulations. Anglers will be limited to using a maximum of three hooks, baits, or lures per boat. This will result in expanded fishing opportunities.

Lastly, the ice fishing shanty removal date provision is recommended for removal as this information will be moved into Fisheries Order 251 Ice Fishing Shanty Regulations where all ice shanty fishing regulations will be maintained.

**Issue Pros and Cons**

Adding more protective regulations is necessary when managers are trying to maintain or improve limited fishery resources. On the other hand, expanding fishing opportunities through the removal or modification of regulations for anglers is also important when managers determine that the changes should not pose a threat to the resource. The changes proposed will result in more fishing opportunities for anglers as well as provide necessary protections for the resource. The addition of mandatory
registration for muskellunge harvest will allow the Department to gather more information to help manage these species into the future.

**Biological**
The low abundance of walleye in Lac Vieux Desert requires greater protection for the limited resource like an increase to the minimum size limit. Allowing anglers to fish CIR for muskellunge and bass comes with a small risk as these fish will be subjected to more hooking mortality. However, a vast majority of anglers release all the muskellunge and bass they catch during the open possession season so it is believed that expanding the CIR season will have little or no effect on the populations. Being able to monitor muskellunge harvest will provide valuable information when determining future regulations for this important species.

**Social**
Anglers are supportive of expanded fishing opportunities plus protection of species when the science indicates that extra protection is warranted. Anglers have indicated their support of these regulations.

**Economic**
The Department does not expect the proposed changes to have any significant budgetary or personnel implications.
Recommendation:

Relevant Divisions have contributed to the preparation of this Order. This Order was submitted for information on September 14, 2017, at the Natural Resources Commission meeting. This item appeared on the Department’s September 2017 calendar and may be eligible for approval on October 12, 2017.

James Dexter, Chief
Fisheries Division

Russ Mason, Ph.D., Chief
Wildlife Division

Ronald A. Olson, Chief
Parks and Recreation Division

Gary Hagler, Chief
Law Enforcement Division

Marc Miller, Acting Chief
Forest Resources Division

William O'Neill
Natural Resources Deputy

I have analyzed and discussed these recommendations with staff and concur as to matters over which the Director has authority.

Keith Creagh, Director

Date 10/12/17
FISHERIES ORDER

Michigan-Wisconsin Boundary Waters
Order 205.18

By authority conferred on the Natural Resources Commission and the Department of Natural Resources by Part 487 and Part 491 of 1994 PA 451, MCL 324.48701 to 324.48740 and MCL 324.49101 to 324.49103, it is ordered on October 12, 2017, the following section(s) of the Fisheries Order shall read as follows:

The following rules and regulations govern fishing in the waters which form a common boundary between the States of Michigan and Wisconsin. These rules and regulations supersede all others governing fishing on Michigan-Wisconsin boundary waters that in any way conflict. Where regulations of Michigan and Wisconsin differ, persons shall comply with the regulations of the state in whose territorial waters they are fishing.

The interstate boundary waters in which fishing is to be governed by the special regulations are:

The Lake Michigan waters between the breakwalls at the mouth of the Menominee River beginning at an imaginary line drawn between the most lakeward point of each breakwall: Menominee County, Michigan; Marinette County, Wisconsin.

Menominee River, its Sloughs and Impoundments: Menominee, Dickinson, Iron Counties, Michigan; Florence, Marinette Counties, Wisconsin; Brule River, Iron County, Michigan; Florence and Forest Counties, Wisconsin; Brule Island Impoundment, upstream to a line running east-west through the first island upstream from the junction of the Brule and Paint Rivers, Iron County, Michigan; Florence County, Wisconsin; Smoky Lake, Iron County, Michigan; Vilas County, Wisconsin; Norwood Lake, Lac Vieux Desert, Crystal Lake, Mill Lake, Big Bateau Lake, Mamie Lake, West Bay Lake, Big Lake, Crampton Lake, Plum Lake, Tenderfoot Lake, Roach Lake, Little Presque Isle Lake, Cyrus Lake, Basin Lake, Stateline Lake, Gogebic County, Michigan; Vilas County, Wisconsin; East Fork Montreal River up to the mouth of Layman Creek, Gogebic County, Michigan; Iron County, Wisconsin; Montreal River, Gogebic County, Michigan; Iron County, Wisconsin.

Regulations: Except as otherwise expressly provided, no person shall take fish by any means other than with hook-and-line; nor at any time other than the open season; nor have in his or her possession any fish in excess of the daily creel or possession limit, or fish of less than the legal minimum size.
<table>
<thead>
<tr>
<th>Species</th>
<th>Waters</th>
<th>Open Seasons (dates inclusive)</th>
<th>Daily Possession Limit</th>
<th>Minimum Size Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trout &amp; Salmon</td>
<td>Montreal &amp; Menominee Rivers from their mouths to first dam upstream and Smoky Lake</td>
<td>No closed season</td>
<td>5</td>
<td>10 inches</td>
</tr>
<tr>
<td></td>
<td>Menominee &amp; Montreal Rivers above the first dam and Brule River from its mouth to the US Highway 2 Bridge</td>
<td>Last Saturday in April - September 30</td>
<td>5</td>
<td>7 inches</td>
</tr>
<tr>
<td></td>
<td>Brule River upstream from US Highway 2</td>
<td>Last Saturday in April - September 30</td>
<td>5</td>
<td>Brook Trout - 8 inches; Brown Trout - 12 inches</td>
</tr>
<tr>
<td>Smallmouth Bass &amp; Largemouth Bass</td>
<td>All boundary waters</td>
<td>Catch-and-immediate-release season: open all year Possession season: 3rd Saturday in June - November 30</td>
<td>0</td>
<td>---</td>
</tr>
<tr>
<td></td>
<td>Rivers and Impoundments</td>
<td>5 in combination</td>
<td>14 inches</td>
<td></td>
</tr>
<tr>
<td>Walleye (See Note 1) &amp; Sauger</td>
<td>All boundary waters except as otherwise provided in this paragraph Rivers and Impoundments</td>
<td>1st Saturday in May - March 1</td>
<td>5 in combination</td>
<td>15 inches</td>
</tr>
<tr>
<td></td>
<td>Rivers and Impoundments</td>
<td>March 2 - the Friday before 1st Saturday in May 1st Saturday in May - March 1</td>
<td>1</td>
<td>15 inches</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 in combination</td>
<td>15 inches</td>
<td></td>
</tr>
<tr>
<td>Northern Pike</td>
<td>All boundary Waters</td>
<td>1st Saturday in May - March 1</td>
<td>5</td>
<td>None</td>
</tr>
<tr>
<td>Bluegills, Sunfish, Crappies, and Yellow Perch</td>
<td>All boundary waters</td>
<td>No closed season</td>
<td>25 in combination</td>
<td>None</td>
</tr>
<tr>
<td>Muskellunge (including Tiger Muskellunge) (See Note 2)</td>
<td>All boundary waters</td>
<td>Possession season: first Saturday in June through November 30 Catch-and-immediate-release season: open all year</td>
<td>1 fish per angling season</td>
<td>42 inches</td>
</tr>
<tr>
<td>Lake Sturgeon (See Note 3)</td>
<td>All boundary waters</td>
<td>1st Saturday in September - September 30</td>
<td>1 fish per angling season</td>
<td>60 inches</td>
</tr>
<tr>
<td>Channel Catfish</td>
<td>All boundary waters</td>
<td>No closed season</td>
<td>10</td>
<td>None</td>
</tr>
<tr>
<td>Species</td>
<td>Waters</td>
<td>Open Seasons (dates inclusive)</td>
<td>Daily Possession Limit</td>
<td>Minimum Size Limit</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>----------------</td>
<td>-------------------------------</td>
<td>------------------------</td>
<td>--------------------</td>
</tr>
<tr>
<td>Lake Whitefish &amp; Cisco (Lake Herring)</td>
<td>All boundary waters</td>
<td>No closed season</td>
<td>10</td>
<td>None</td>
</tr>
<tr>
<td>All others</td>
<td>All boundary waters</td>
<td>No closed season</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

Note 1 – On Lac Vieux Desert Flowage, the minimum size limit for walleye is 18 inches. The daily possession limit for Walleye shall be three (3) in combination from 1st Saturday in May - March 1.

Note 2 – Anglers are required to register muskellunge (including tiger muskellunge) harvest within 24 hours online at www.michigan.gov/fishing. Muskellunge harvest is limited to one (1) Muskellunge per angler per year (April 1 – March 31). For the Menominee River, from Hattie Street Dam downstream to the end of the breakwalls in Green Bay, the minimum size limit for Muskellunge is 50 inches.

Note 3 - Anglers are required to register Lake Sturgeon harvest within 24 hours at a designated registration site (site information is available online at www.michigan.gov/fishing). Lake Sturgeon harvest is limited to one (1) Lake Sturgeon per angler per year (April 1 – March 31). For the Menominee River, from Grand Rapids Dam downstream to the end of the breakwalls in Green Bay, the possession limit for Lake Sturgeon is zero (0), catch-and-immediate-release only.

LEGAL FISHING METHODS:

1. Up to three lines with a total of three (3) hooks or baits may be used.

2. Lines must be attended at all times.

3. A person may not fish for any fish by any means during the closed season on trout in the Brule River upstream from US Highway 2 bridge (T41N, R32W, S9) Iron County, Michigan, and the Montreal River above the Superior Falls Flowage.

4. Dip nets not exceeding nine (9) feet square or in diameter without walls may be used in the Menominee River (except from Hattie Street Bridge in Marinette-Menominee to the first dam upstream and within 200 feet of all other dams) from April 1 - May 14 for taking of Suckers, Redhorse, Carp, Smelt, and Burbot.

5. A person may fish from a motorboat with the motor running or a sailboat under sail.

6. All residents of Michigan and Wisconsin holding a resident sport fishing license from their respective state, or residents of states other than Michigan and Wisconsin holding a sport fishing license issued by either Michigan or Wisconsin, may fish in the boundary waters.

7. Crayfish may not be possessed or used for bait on Michigan-Wisconsin boundary waters.
This Order shall be assigned number FO-205.18, and is entitled "Michigan-Wisconsin Boundary Waters Regulations."

This Order supersedes the Order entitled “Michigan-Wisconsin Boundary Waters,” which became effective April 1, 2016, and is assigned number FO-205.16.

This Order shall take effect on April 1, 2018, and shall remain in effect until amended/rescinded.

Issued on this 12th day of October, 2017.

Approved as to matters over which the Natural Resources Commission has authority.

John Matonich, Chairman
Natural Resources Commission

Approved as to matters over which the Director has authority.

Keith Creagh
Director
MEMORANDUM TO THE NATURAL RESOURCES COMMISSION

Subject: Fisheries Order 206.18
Special Fishing Regulations for Warmwater Species on Select Waters

Authority:

The Natural Resources and Environmental Protection Act, 1994 PA 451, authorizes the Director and the Commission to issue Orders to regulate the taking of fish in the waters of this state.

Discussion and Background:

This Order covers special fishing regulations for warmwater species on select waters. Fisheries Division recently conducted a review of muskellunge regulations. Seasons, size limits and bag limits were considered for inland waters while utilizing a growth estimate model. As a result, 29 waters have been proposed to undergo new minimum size limit regulations (50, 46, and 38 inch minimum size limit groups) differing from the current statewide 42 inch minimum size limit. Nine waters are proposed for addition to waters where up to five northern pike may be possessed with only 1>24 inches in the daily possession limit. Three new waters are proposed for addition to the Order, two waters are recommended for modifications, and six waters are proposed for removal.

Muskellunge Regulation Changes

During the previous year, division staff have been evaluating our inland muskellunge waters and potential regulation options to improve fishing. Historical muskellunge survey information was used to develop a growth model to aid managers in determining the most appropriate size limit regulation to enact for each waterbody. As a result of the review, minimum size limits are proposed to be increased on several waters where muskellunge growth is good and added protection from harvest will allow for larger sized muskellunge. In contrast, two waters where growth estimates show that fish are not reaching the current 42 inch minimum size limit will have minimum size limits reduced to 38 inches. The new set of regulations will result in improved muskellunge angling opportunities. Waters with the potential to grow larger fish will have a regulation to protect fish to larger sizes and those with populations of slower growing muskellunge will have a lower size limit enacted allowing for some harvest from these high abundance fisheries.

There is no change proposed to the current 42 inch statewide regulation. The 50 inch size limit group includes waters where the right mix of habitat and prey abundance allow for good growth. Waters in the 46 inch group have populations favorable to produce large muskellunge. Waters in the 38 inch size limit group have high abundances of muskellunge where habitat and or prey abundance and competition is limiting the growth in these systems. Reducing the size limit will allow some additional harvest of fish which may lead to improvements in growth in the future.
The following muskellunge minimum size limit changes are proposed based upon growth model evaluations:

50 inch minimum size limit group (6)
- Elk Lake above Elk Rapids Dam including all tributaries (Antrim and Grand Traverse Counties)
- Lake Skegemog including all tributaries (Antrim, Grand Traverse, and Kalkaska Counties)
- Torch Lake including all tributaries (Antrim County)
- Clam Lake including all tributaries (Antrim County)
- Lake Bellaire including all tributaries upstream to Intermediate Dam in Bellaire (Antrim County)
- Chicagon Lake including all tributaries (Iron County)

46 inch minimum size limit group (21)
- Intermediate Lake from dam upstream including all tributaries (Antrim County)
- Hanley Lake including all tributaries (Antrim County)
- Benway Lake including all tributaries (Antrim County)
- Wilson Lake including all tributaries (Antrim County)
- Ellsworth Lake including all tributaries (Antrim County)
- Saint Clair Lake including all tributaries (Antrim and Charlevoix Counties)
- Sixmile Lake including all tributaries (Antrim and Charlevoix Counties)
- Scotts Lake including all tributaries (Antrim County)
- Beals Lake including all tributaries (Antrim County)
- Murray Lake (Kent County)
- Lake Macatawa (Ottawa County)
- Grand River downstream from Sixth Street Dam (Ottawa County)
- Mona Lake (Muskogon County)
- Black Lake including all tributaries (Cheboygan and Presque Isle Counties)
- Black River including all tributaries upstream to Kleber Dam (Cheboygan County)
- Mullet Lake (Cheboygan County)
- Indian River (Cheboygan County)
- Burt Lake (Cheboygan County)
- Cheboygan River (Cheboygan County)
- Crooked River downstream from Crooked Lake confluence (Cheboygan and Emmet Counties)
- St. Marys River from compensating gates downstream to DeTour/Drummond Island Ferry docks (Chippewa County)

38 inch minimum size limit group (2)
- Lake Diane (Hillsdale County)
- Round Lake (Van Buren County)
Northern Pike Regulation Changes
Managers are recommending nine new waters be added to the Order where up to five northern pike may be retained in the daily possession limit with no more than 1 > 24 inches. Waters added to this regulation type are typically shallow with high abundances of small or stunted northern pike populations. In most cases, there is so much competition between northern pike that fish in these waters are not obtaining enough food to increase their growth compared with other populations. Therefore, their ability reach the statewide 24 inch minimum size limit is greatly diminished. As a result, anglers often contact unit managers to inform them that the northern pike population is stunted and fish do not reach the size limit allowing harvest.

- Brule Lake (Iron County)
- Lake Mary (Iron County)
- Round Lake (T40N, R20W, S1, Delta County)
- Sunset Lake (Iron County)
- Canadian Lakes (in T14N, R8W, S20, 29, 30 north of Pierce Road and south of Buchanan Road in S19, Mecosta County)
- Echo Lake (Alger County)
- Au Train basin (Alger County)
- Scram Lake (Kent County)
- Paint River Pond – downstream of Horserace Rapids and upstream of Frog Island (Iron County)

New Additions and Modifications
Several new waters have regulations proposed to be added to this Order as indicated.

- Woodard Lake (Ionia County) – reduce the bass minimum size limit to 10 inches due to stunted bass population.
- Crystal Lake (Newaygo County) – protect the walleye population by implementing no possession of walleye. This will protect stocked walleye in an attempt to reduce bluegill and alewife abundance.
- Portage and Torch Lake systems (Houghton County) – implement a change to the walleye daily possession limit from 5 fish to 5 fish with no more than 1 > 23 inches in response to angling groups who would like to protect larger walleye for spawning purposes.
- Ontonagon River (Ontonagon County) – modify the walleye daily possession limit regulation from 5 walleye with no more than 1 > 25 inches to 5 walleye with no more than 1 > 23” to match the current quality walleye regulation in effect on Little Bay de Noc and the Portage and Torch Lake systems above.
- Lake Thornapple (Barry County) and Lake Hudson (Hillsdale County) – change the possession season from the last Saturday in April – November 30 to from the first Saturday in June – November 30 for both muskellunge and northern pike in these important Great Lakes strain muskellunge broodstock waters.
Removals

- Lake Mary (Dickinson County) – remove the special fishing season in effect on bass (from the last Saturday in May through June 20) and the closure on bass harvest. There are no biological reasons to keep the special regulations.

- Hamilton Lake (Dickinson County) – remove the special fishing season in effect on bass (from the last Saturday in May through June 20) and the closure on bass harvest. There are no biological reasons to keep the special regulations.

- Lake Louise (Dickinson County) - remove the special fishing season in effect on bass (from the last Saturday in May through June 20) and the closure on bass harvest. There are no biological reasons to keep the special regulations.

- Lake Ottawa (Iron County) – remove the closure on bass harvest as the study on bass predation on rusty crayfish is no longer being conducted.

- Winslow Lake (Iron County) – remove the closure on walleye harvest as the study on bluegill stunting is no longer being conducted.

- Big Bear Lake (Otsego County) – remove the 50 inch minimum size limit regulation and restricted possession season on muskellunge as this water is no longer a broodstock location for Great Lakes strain muskellunge.

Issue Pros and Cons
The regulation proposals recommended above will expand angling opportunities for several species including: muskellunge, northern pike, bass, and walleye. Anglers benefit from regulations enacted to protect important fish communities by restricting harvest on valuable fishery resources. The newly proposed regulations have been developed to enhance angling opportunities into the future.

Some anglers may not support added protection for some species as their abilities to harvest fish may be reduced.

Biological
Each regulation presented above is based upon the best information available to staff.

Social
Regulation proposals were presented at various management unit coffee and conversation meetings and these changes were supported. Some anglers may not be supportive of efforts to add protections to some of these species.

Economic
There are no anticipated significant economic gains or losses expected from the passage of this proposal. However, there could be minor economic gains attributed to replacing unlawful angling efforts with those of lawful anglers who will be able to bring their families to high profile salmon fishing areas.
Recommendation:

Relevant Divisions have contributed to the preparation of this Order. This Order was submitted for information on September 14, 2017, at the Natural Resources Commission meeting. This item appeared on the Department’s September 2017 calendar and may be eligible for approval on October 12, 2017.

James Dexter, Chief
Fisheries Division

Gary Hagler, Chief
Law Enforcement Division

Russ Mason, Ph.D., Chief
Wildlife Division

Marc Miller, Acting Chief
Forest Resources Division

Ronald A. Olson, Chief
Parks and Recreation Division

William O’Neill
Natural Resources Deputy

I have analyzed and discussed these recommendations with staff and concur as to matters over which the Director has authority.

Keith Creagh, Director

Date: 10/12/17
FISHERIES ORDER

Special Fishing Regulations for Warmwater Species on Select Waters
Order 206.18

By authority conferred on the Natural Resources Commission and the Department of Natural Resources by Part 487 of 1994 PA 451, MCL 324.48701 to 324.48740, it is ordered that effective October 12, 2017, the following section(s) of the Fisheries Order shall read as follows:

The following special regulations are in effect for warmwater species on the selected waters and supersede those regulations that in any way conflict with those listed below:

**Alcona County**

Badger Lake (T28N, R3E, S35): no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24.

**Alger County**

Echo and Duck Lakes on Grand Island: the possession limit for Smallmouth Bass is zero (0).

Au Train basin, 16 Mile Lake, Echo Lake, Nawakwa Lake, and Trout Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24.

** Allegan County**

Pine Creek Flooding: protected slot limit on Northern Pike from 24 – 34 inches.

**Antrim County**

Clam Lake including all tributaries, Elk Lake (above Elk Rapids Dam) including all tributaries, Lake Bellaire including all tributaries upstream to Bellaire Dam, Lake Skegemog including all tributaries, and Torch Lake including all tributaries: the minimum size limit for Muskegullone is 50 inches.

Beals Lake including all tributaries, Benway Lake including all tributaries, Elsworth Lake including all tributaries, Hanley Lake including all tributaries, Intermediate Lake from Bellaire Dam upstream including all tributaries, Saint Clair Lake including all tributaries, Scotts Lake including all tributaries, Six Mile Lake including all tributaries, and Wilson Lake including all tributaries: the minimum size limit for Muskegullone is 46 inches.

Beals Lake, Benway Lake, Ellsworth Lake, Hanley Lake, Scotts Lake, Six Mile Lake (Antrim and Charlevoix Counties), St. Clair Lake (Antrim and Charlevoix Counties), and Wilson Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24.

**Baraga County**

Vermilliac (Worm) Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24.

**Barry County**

Gun Lake: the minimum size limit for Muskegullone is 46 inches.

Thornapple Lake (from Mckown road to Barger road): the minimum size limit for Muskegullone is 50 inches. The possession season for Muskegullone and Northern Pike shall be the 1st Saturday in June through November 30, inclusive.
Williams Lake: the fishing season shall be the last Saturday in April through December 15, inclusive. The daily possession limit is zero (0).

Benzie County

Long Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Branch County

Lake Lavine: no size limit on Northern Pike and no limit on possession of Northern Pike.

Calhoun County

Harts Lake (T2S, R8W, S7, 18): the daily possession limit is zero (0).

Cass County

Corey Lake (T6S, R13W, S24) and Stone Lake (T6S, R15W, S35): the minimum size limit on Largemouth Bass is 10 inches.

Charlevoix County

Saint Clair Lake including all tributaries and Six Mile Lake including all tributaries: the minimum size limit for Muskellunge is 46 inches.

Deer Lake, Fox Lake, Geneserath Lake, Six Mile Lake (Antrim and Charlevoix Counties), St. Clair Lake (Antrim and Charlevoix Counties), and Susan Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Cheboygan County

Black Lake including all tributaries and Black River including all tributaries (upstream to Kleber Dam), Burt Lake, Cheboygan River, Crooked River (downstream from Crooked Lake confluence), Indian River, Mullet Lake: the minimum size limit on Muskellunge is 46 inches.

Mullet Lake and specific river sections including: Mullet Lake proper, Cheboygan River from Mullett Lake downstream to Cheboygan Dam (T38N, R1W, S31), and Black River from Alverno Dam (T37N, R1W, S35) downstream to its confluence with the Cheboygan River: the possession season for Walleye shall be May 15 through March 15, inclusive. The daily possession limit for Walleyes is three (3).

Black River upstream of Tower Dam (includes Tower Pond) and tributary streams only, Silver Lake (T33N, R3W, S11, 12), Wildwood Lake (T33N, R2W, S21), and Paradise (Carp) Lake (Cheboygan and Emmet Counties): no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Chippewa County

St. Marys River (from compensating gates downstream to DeTour/Drummond Island Ferry docks): the minimum size limit for Muskellunge is 46 inches.

Frenchman Lake (T44N, R6W, S23, 25, 26) and Trout (Carp) Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Clare County

Eight Point Lake and Lake Thirteen: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Crawford County
Jones Lake (T28N, R2W, S30, 31): the fishing season shall be June 1 through September 30, inclusive. Tackle: artificial lures only. It shall be unlawful to use or possess live bait, dead bait, organic or processed food or scented material at any time on the shore or water. Daily possession limit is zero (0).

Wakeley Lake (T26N, R2W, S23): the fishing season shall be June 15 through August 31, inclusive. The daily possession limit is zero (0). Tackle: Artificial lures only. It shall be unlawful to use or possess live bait, dead bait, organic or processed food or scented material at any time on the shore or water.

Big Creek Impoundment (T28N, R1W, S24, 25), River Lake (T28N, R2W, S30), and Picketerel Lake (Crawford and Osceola Counties, T24N, R1W, S24 and T28N, R1E, S19): no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

**Delta County**

Chicago Lake, Carr Lake, Hamilton Lakes, Lyman Lake, Escanaba River upstream from first dam at US-2, Round Lake (T40N, R20W, S1): no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

**Dickinson County**

Sawyer Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

**Emmet County**

Crooked River (downstream from Crooked Lake confluence): the minimum size limit on Muskellunge is 46 inches.

French Farm Lake Flooding, O’Neal Lake Flooding, and Paradise (Carp) Lake (Cheboygan and Emmet Counties): no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

**Gladwin County**

Lake Lancer: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

**Gogebic County**

Lake Gogebic: the daily possession limit for Yellow Perch is twenty-five (25), with no more than five (5) Yellow Perch 12 inches or greater. The minimum size limit for Walleye is 15 inches; however, anglers may possess two (2) Walleye from 13 - 15 inches as part of the daily possession limit of five (5) Walleye.

Cisco Lake, Thousand Island Lake, Lindsley Lake, Poor Lake, Big African Lake, Little African Lake, Clearwater Lake, East Bay Lake, Fishhawk Lake, Indian Lake, Morley Lake, Record Lake, and Chancy Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

**Grand Traverse County**

Elk Lake (above Elk Rapids Dam) including all tributaries and Lake Skegemog including all tributaries: the minimum size limit for Muskellunge is 50 inches.

Arbutus Lake and Spider Lake (T26N, R10W, S9, 10): the minimum size limit for Largemouth and Smallmouth Bass is 10 inches.

Boardman Lake, and Lake Dubonnet: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.
Hillsdale County
Lake Diane: the minimum size limit for Muskellunge is 38 inches.

Houghton County
Portage and Torch Lake systems: no more than one (1) Walleye over 23 inches may be possessed in the daily possession limit.
Rice Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Ionia County
Woodard Lake: the minimum size limit for Largemouth and Smallmouth Bass is 10 inches.

Iron County
Chicagon Lake including all tributaries: the minimum size limit for Muskellunge is 50 inches.
Lake Ottawa: the daily possession limit for Largemouth and Smallmouth Bass is zero (0).
Fire Lake and Indiana Lake: the minimum size limit for Largemouth and Smallmouth Bass is 18 inches. The daily possession limit for Largemouth and Smallmouth Bass is one (1).
Bone Lake, Brule Lake, Buck Lake, Deer River, Hemlock Falls Reservoir, Indian Lake, Lake Mary, Lake St. Kathryn, Michigan Falls Reservoir, Michigan Reservoir, Net River, Net River Wide Waters, Paint River Pond (downstream of Horserace Rapids and upstream of Frog Island), Peavy Pond, Runkle Lake, Sunset Lake, and Winslow Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Kalamazoo County
Long Lake (T3S, R10W, S17, 18, 19, 30): protected slot limit on Northern Pike from 24 – 34 inches.

Kalkaska County
Lake Skegemog including all tributaries: the minimum size limit for Muskellunge is 50 inches.
Cub Lake (T27N, R5W, S19): the minimum size limit for Largemouth and Smallmouth Bass is 10 inches.

Kent County
Murray Lake: the minimum size limit for Muskellunge is 46 inches.
Scram Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Keweenaw County
Schlatter Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Lake County
Big Bass Lake (T2CN, R14W, S34): the minimum size limit for Largemouth and Smallmouth Bass is 10 inches.

Leelanau County
North Manitou Lake (T32N, R14W, S29, 32): the minimum size limit for Largemouth and Smallmouth Bass is 18 inches. The daily possession limit for Largemouth and Smallmouth Bass is
one (1). Tackle: Artificial lures only. It shall be unlawful to use or possess live bait, dead bait, organic or processed food or scented material at any time on the shore or water.

Florence Lake (T31N, R15W, S9): Tackle: Artificial lures only. It shall be unlawful to use or possess live bait, dead bait, organic or processed food or scented material at any time on the shore or water.
No size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Lenawee County
Lake Hudson: the possession season for Northern Pike and Muskellunge shall be the first Saturday in June through November 30, inclusive.

Luce County
Blind Sucker Flooding and Bodi Lake: protected slot limit on Northern Pike from 24 – 34 inches.
East Lake and Muskallonge Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.
Tahquamenon River and Tributaries upstream from Upper Falls: the minimum size limit for Muskellunge is 38 inches.

Mackinac County
East Lake, Millecoquins Lake, and South Manistique Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Manistee County
Bar Lake and Chief Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Marquette County
Deer Lake Basin (T48N, R27W, S27, 28, 29, 32, 33, 34), Carp River downstream from M-28 (T47N, R27W, S4) and all other tributaries to Deer Lake Basin: the daily possession limit is zero (0). Tackle: Artificial lures only. It shall be unlawful to use or possess live bait, dead bait, organic or processed food or scented material at any time on the shore or water.
Fish Lake (T47N, R29W, S5, 6, 8): the minimum size limit for Largemouth and Smallmouth Bass is 18 inches. The daily possession limit for Largemouth and Smallmouth Bass is one (1).
Bass (East) Lake, Cedar Lake (T47N, R27W, S11), Dead River Storage Basin, Engman Lake, Middle Branch Escanaba River, Big West Branch Escanaba River, Escanaba River Mainstream downstream to Boney Falls Basin (except Greenwood, Schweitzer and Cataract Reservoirs), Shag (Big) Lake, and Witch Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Mason County
Hackert (Crystal) Lake (T18N, R17W, S2, 3): no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Mecosta County
Canadian Lakes (in T14N, R8W, S20, 29, 30 north of Pierce Rd and south of Buchanan Rd in S19), Haymarsh Lake and Horsehead Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Menominee County
Westman Impoundment (including North and Hayward Lakes): no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Missaukee County

Missaukee Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Montcalm County

Townline Lake and Sand Lake: protected slot limit on Northern Pike from 24 – 34 inches.

Montmorency County

North and South Blue Lakes: the fishing season shall be the last Saturday in April through September 30, inclusive. The daily possession limit is zero (0). Tackle: Artificial lures only.

Black River and tributary streams only, East Town Corner Lake, Pug Lakes (T31N, R2E, S4, 5), Robarge (Pike) Lake, and West Town Corner Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Muskegon County

Mona Lake: the minimum size limit on Muskellunge is 46 inches.

Big Blue Lake (T12N, R16W, S2, 3, 4): no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches

Newaygo County

Sand Lake (T11N, R13W, S19) and Brush Lake (T14N, R12W, S1): the daily possession limit is zero (0) for Channel Catfish, Flathead Catfish, and Bullhead.

Baptist Lake (T11N, R11W, S23, 24): the daily possession limit is zero (0) for Walleye, Channel Catfish, Flathead Catfish, and Bullhead.

Crystal Lake: the daily possession limit is zero (0) for walleye.

Diamond Lake, Nichols Lake, Ryerson (Long) Lake, Pickerel Lake, Kimball Lake, Emerald Lake, and Sylvan Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Oakland County

Upper Bushman Lake (T4N, R9E, S3): the daily possession limit is zero (0).

Oceana County

Round (Wykoff) Lake and Silver Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Ogemaw County

East Twin Lake and Lake Ogemaw: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Ontonagon County

Ontonagon River (Ontonagon County): no more than one (1) Walleye over 23 inches may be possessed in the daily possession limit.

Lake Gogebic: the daily possession limit for Yellow Perch is twenty-five (25), with no more than five (5) Yellow Perch 12 inches or greater. The minimum size limit for Walleye is 15 inches; however, anglers may possess two (2) Walleye from 13 - 15 inches as part of the daily possession limit of five (5) Walleye.
Lake of the Clouds (T15N, R43W, S21, 22): the daily possession limit for Smallmouth Bass is zero (0). Tackle: Artificial lures only. It shall be unlawful to use or possess live bait, dead bait, organic or processed food or scented material at any time on the shore or water.

Oscoda County

Diamond Lake, Lake Miramichi, Rose Lake, and Wells Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Oscoda County

Pickerel Lake (Crawford and Oscoda Counties T24N, R1W, S24 and T28N, R1E, S19): no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Ottawa County

Grand River (downstream from Sixth Street Dam) and Lake Macatawa: the minimum size limit for Muskellunge is 46 inches.

Presque Isle County

Black Lake including all tributaries: the minimum size limit on Muskellunge is 46 inches.

Ocequeoc River and tributary streams, all lakes of the Ocequeoc River watershed including Ann, Bullhead, Ella, Ella, Ferdelman, Gorman, Horseshoe, Lost, Louise, Lower and Upper Barnhart, May, McIntosh, McOre, Mud, Nettie, Ocequeoc, and Orchard, the Black River and tributary streams, and the following lakes of the Black River watershed: Francis Lake, Tomahawk Flooding, East Town Corner Lake, and West Town Corner Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Roscommon County

Backus Creek from the stream mouth upstream, including all tributaries, Little Mud Lake Flooding, Backus Creek Flooding, and Backus Lake Flooding, Cut River from the river mouth at Houghton Lake upstream to CO 100 just downstream of Higgins Lake, Houghton Lake, and Lake St. Helen: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

Schoolcraft County

Boot Lake, Crooked Lake, Kennedy Lake, Seney Wildlife Refuge Ponds, Stanley Lake, and Thunder Lake: no size limit on Northern Pike and up to five (5) Northern Pike may be retained in the daily possession limit with only one (1) greater than 24 inches.

St. Joseph County

Corey Lake (T6S, R12W, S17, 18, 19, 20, 29) and Big Pleasant Lake: the minimum size limit on Largemouth Bass is 10 inches.

Van Buren County

Round Lake: the minimum size limit on Muskellunge is 38 inches.

Washtenaw County

Horseshoe Lake: the daily possession limit for Largemouth Bass and Northern Pike is one (1). The daily possession limit for Bluegill, Pumpkinseed, Redear, Green Sunfish, Black Crappie and White Crappie, Warmouth, and Rock Bass in combination is ten (10).

Huron River, from the Mast Road Bridge in the Village of Dexter (T1S, R5E, S32) downstream to the Delhi Road Bridge (T2S, R5E, S2): the daily possession limit of Largemouth and Smallmouth Bass is zero (0)
This Order shall be assigned number FO-206.18, and is entitled “Special Fishing Regulations for Warmwater Species on Select Waters.”

This Order supersedes the Order entitled “Special Fishing Regulations for Warmwater Species on Select Waters,” which became effective November 5, 2015, and is assigned number FO-206.15A.

This Order shall take effect April 1, 2018 and shall remain in effect until amended/rescinded.

Issued on this 12th day of October, 2017.

Approved as to matters over which the Natural Resources Commission has authority.

John Matonich, Chairman
Natural Resources Commission

Approved as to matters over which the Director has authority.

Keith Creagh
Director
MEMORANDUM TO THE NATURAL RESOURCES COMMISSION

Subject: Fisheries Order 210.18
Designated Trout Streams for Michigan

Authority:

The Natural Resources and Environmental Protection Act, 1994 PA 451, authorizes the Director and the Commission to issue Orders to regulate the taking of fish in the waters of this state.

Discussion and Background:

Fisheries Order 210 governs the designated trout streams in Michigan. The Department proposes to modify two sections of designated trout streams from the designated list. Waters removed from the Order would revert to the general statewide fishing regulations.

The Department proposes to make the following modifications:

1. Paint River (Iron Co.) – from Ponozzo Road (Federal Forest Rd 347) down to Bates Amasa Road – Remove trout stream designation due to unsuitable habitat for trout. This change will result in increased angler opportunities by removing more restrictive regulations protecting trout.

2. South Branch Paw Paw River (Van Buren) – from the headwaters to the railroad bridge in T3S, R14W, S14 – change downstream to “the railroad bridge downstream of I-94 (T3S, R14W, S14)” plus insert West Branch Paw Paw River and Gates Drain” to the listing. This will help clarify the regulation for the appropriate location.

Issue Pros and Cons

It is important for the Department to implement regulations based upon the best information available. Removal of waters from the designated trout streams list will remove an unnecessary regulation. Failure to make a change could result in maintaining that portion of stream as a trout water that anglers may waste their effort fishing. Besides causing an inconvenience, this could negatively affect the image of the Department for some anglers. In instances when a regulation is confusing, the Department seeks to clarify the regulations by making the appropriate changes. This benefits everyone.

Biological

The removal of the stream section is based upon the fact that the habitat no longer supports a healthy trout population.

Social

Anglers will benefit from the removal of the stream which no longer has the appropriate habitat to support trout. Angler expectations that trout are there will cease. The clarification effort is supported by anglers as well as law enforcement personnel.

Economic

There are no anticipated significant economic gains or losses expected from the passage of this proposal.
Recommendation:

Relevant Divisions have contributed to the preparation of this Order. This Order was submitted for information on September 14, 2017, at the Natural Resources Commission meeting. This item appeared on the Department’s September 2017 calendar and may be eligible for approval on October 12, 2017.

James Dexter, Chief
Fisheries Division

Gary Hagler, Chief
Law Enforcement Division

Russ Mason, Ph.D., Chief
Wildlife Division

Marc Miller, Acting Chief
Forest Resources Division

Ronald A. Olson, Chief
Parks and Recreation Division

William O'Neill
Natural Resources Deputy

I have analyzed and discussed these recommendations with staff and concur as to matters over which the Director has authority.

Keith Creagh, Director

Date

10/12/17
FISHERIES ORDER

Designated Trout Streams for Michigan
Order 210.18

The streams and portions of streams in the list which follows are hereby designated as trout streams:

Key to Designation List:

Unless otherwise described, the location description listed after the stream name indicates the downstream limit of the trout designation. All of the stream and its tributaries, unless excepted, from that point upstream are designated trout waters. Exceptions are italicized.

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UPPER PENINSULA STREAMS FLOWING INTO LAKE SUPERIOR

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All Coastal Streams between Montreal River and Black River

Black River Basin

Entire system EXCEPT:

- McDonald Creek from Mosinee Grade Downstream
to McDonald Dam (T46N, R46W, S 14) including Bice Creek
- TwoUnnamedTributaries(T47N,R45W,S13)                                      Gogebic
- PlantersCreek from Sunday Lake to Co. Road 519 (T48N, R45W, S33)           Gogebic
- Little Black River from Sunday Lake to Black River (T47N, R46W, S12)      Gogebic
- Little Black River from confluence with Fay Creek (T47N, R45W, S28)       Gogebic
downstream to Sunday Lake including Fay Creek.
UPPER PENINSULA STREAMS FLOWING INTO LAKE SUPERIOR

Stream | County
--- | ---
All Coastal Streams between Black River and Presque Isle River | Gogebic
Presque Isle River Basin | Ontonagon
 Presque Isle River and all tributaries from mouth (T50N, R45W, S19) to confluence of East Branch
 Presque Isle River and West Branch Presque Isle River (T46N, R43W, S28) EXCEPT:
 Little Giant Creek and all tributaries from T47N, R43W,
 S26 to road at T46N, R43W, S3
 East Branch Presque Isle River and tributaries from mouth (T46N, R43W,
 S28) upstream to Snowshoe Lake (T45N, R42W, S32) EXCEPT:
 Bobcat Creek (T46N, R43W, S33)
 Pomeroy Creek (T45N, R43W, S18) and tributaries
 Holly Creek (T45N, R42W, S19)
 West Branch Presque Isle River including Harris Creek (T45N, R44W, S4) from mouth (T46N, R43W,
 S28) to road in T46N, R44W, S31 EXCEPT:
 West Branch Presque Isle River and Presque Isle River Flooding from dam (T46N, R43W,
 S32) upstream to east border of S34, T46N, R44W
 Moraine Creek (T45N, R44W, S4) and tributaries
 Coastal Streams between Presque Isle River (Ontonagon County) and Iron River (Ontonagon County)
 Cardinal Creek (T50N, R45W, S20) | Gogebic
 Tiebel Creek (T50N, R45W, S21) | Gogebic
 Speaker Creek (T50N, R45W, S21) | Gogebic
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 Kenabeek Creek (T50N, R45W, S15) | Gogebic
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 Unnamed Creek (T50N, R45W, S2) | Gogebic,
 Little Carp River (T50N, R45W, S2) | Gogebic,
 Toledo Creek (T50N, R45W, S2) | Gogebic,
 Carp River (T50N, R45W, S2) | Gogebic,
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 Iron River Basin
 Entire system EXCEPT:
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Coastal Streams between Flintsteel River (Ontonagon County) and Portage Canal (Houghton County)

All coastal streams between Flintsteel River and Portage Canal EXCEPT: Ontonagon, Houghton
UPPER PENINSULA STREAMS FLOWING INTO LAKE SUPERIOR

Stream

Flintsteel River and all tributaries from mouth (T52N, R39W, S1) upstream to confluence with Monhegan Creek (T51N, R38W, S18)
Stonington Lake Outlet downstream to confluence with Elm River (T53N, R35W, S19)
Salmon Trout River from Dam T55N, R35W, S21 to head waters of Redridge Impoundment (T55N, R35W, S21)

Portage Lake Drainage Basin

All tributaries of Portage Lake Ship Canal from mouth (T56N, R34W, S28) upstream to Portage Lake (T54N, R33W, S8) EXCEPT:
Gooseneck Creek from T55N, R33W upstream to road (T55N, R33W, S21) and tributary

The following Torch Lake tributaries
Hungarian Creek (T55N, R33W, S15)
Trap Rock River and tributaries from confluence With Hammell Creek (T56N, R32W, S3) including Hammell Creek
Sawmill Creek (T55N, R32W, S3)
McCallum Creek (T55N, R32W, S18)

The following tributaries of Portage Lake
Lovell Creek (T54N, R33W, S11)
Pike River (T53N, R33W, S5)
Sturgeon River and tributaries from M-38 bridge (T51N, R34W, S28) upstream to Prickett Dam (T50N, R35W, S15) and from U.S.F.S. 193 (T49N, R35W, S5) upstream including tributaries EXCEPT:
Plumbago Creek upstream from US-41 (T49N, R33W, S18)
Watson Creek and Rock River upstream from their confluence in T48N, R34W, S12
Perch River above bridge T46N, R35W, S12, 13
Otter River (T52N, R34W, S14) and tributaries
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Coastal Streams between Portage Canal, Houghton County (T56N, R34W, S21) and Jarvis Creek, Houghton County (T53N, R33W, S23)

All coastal streams and tributaries between Portage Canal (T56N, R34W, S21) and Jarvis Creek (T53N, R33W, S23) EXCEPT:
Bear Lake outlet downstream to Bear Creek (T56N, R34W, S23)
Central Lake Outlet downstream to Jacobs Lake (T58N, R31W, S4)
Mud Creek downstream to confluence with Cedar Creek (T59N, R30W, S9)
All inlets to Lake Medora (T58N, R29W, S4, 9)
Mud Creek (T59N, R28W, S34)
Schlatter Creek (T58N, R27W, S9)
Lake Addie Outlet and Copper Creek downstream to confluence with Montreal River (T58N, R28W, S23)
Lake Upsion Outlet downstream to Silver River (T59N, R30W, S35)
Lake Bailey Outlet downstream to Silver River (T59N, R30W, S35)
UPPER PENINSULA STREAMS FLOWING INTO LAKE SUPERIOR

Stream
Seven Mile Creek to Mud Lake (T57N, R32W, S6)
and continued downstream to Lake Superior
Gratiot Lake Inlet and Little Gratiot River and
all tributaries downstream to Lac La Belle
Tobacco River and tributary from Thayers Lake to
confluence with Bruneau Creek (T57N, R31W, S34)
Deer Lake Inlet downstream, to Deer Lake and Deer Lake Outlet
downstream to Lake Superior (T55N, R31W, S9)
Rice Lake Inlet (T55N, R31W, S18)
Mud Lake Inlet and Mud Lake Creek and all tributaries
downstream to Lake Superior (T55N, R31W, S20)
Giles Creek and tributary from road in T55N, R31W, S7
downstream to Rice Lake

County
Keweenaw
Keweenaw
Keweenaw
Houghton
Houghton
Houghton
Keweenaw

All Coastal Streams between (and including) Kelsey Creek, Baraga County (T52N, R33W, S27) and the Tahquamenon River, Chippewa County

EXCEPT:
Lake Margaret outlet in T50N, R29W, S31
Mainstream of Dead River, up from mouth in, T48N, R25W, S11
to bridge in S7, T48N, R25W, and all impoundments
Deer Lake Storage Basin on the Carp River
Chocolay River Bayous in S6, T47N, R24W, Lake LeVasseur
and outlets of Lake LeVasseur and Lake Kabaugoom
Sand River, upstream from mouth to County Rd. 480
AuTrain River, upstream from mouth to bridge on
USFS 2276 in T46N, R20W, S17
Two Unnamed tributaries to AuTrain Lake in T46N, R20W, S4, 7
Tributary to Little Chapel Lake (T48N, R17W, S20)
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Unnamed tributary to Grand Sable Lake (T49N, R14W, S22 NENE)
Tributary to Mocassin Lake (T49N, R14W, S33)
Tributaries to Lavender Lake (T49N, R14W, S33)
Tributaries to McKay Lake (T48N, R14W, S9, 16)
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Tributaries to Nawakwa Lake (T48N, R13W, S19, 20, 29, and 30)
Tributary to Mitchell Lake (T48N, R13W, S27)
Tributaries to North Lake (T48N, R13W, S24 and 25)
Tributary to Gypsy Lake (T48N, R14W, S23)
Blind Sucker River - from dam upstream
Wabash Creek upstream from McTiver Lakes in T49N, R10W, S28
Tributaries to Sleeper Lake in T48N, R10W, S33, 34
Tributary from Little Pike to Pike Lake (T49N, R9W, S15)
Tributary to Pike Lake (T49N, R9W, S22)
Outlet of Pike Lake to confluence of stream from
No Name Lake in T49N, R9W, S13, 14)
UPPER PENINSULA STREAMS FLOWING INTO LAKE SUPERIOR

Stream

Culhane Creek
Inlet and tributary from Bodii to Culhane Lake
Tributary to Bodii Lake
Tributaries to Little Two Hearted Lakes
Outlet from Brown’s Lake and tributaries to Brown’s Lake
Outlet from Weather Hog Lakes and tributaries to Weatherhogs
Outlet from Little Lake (T51N, R6W, S35)
No Name tributaries from Whitefish Point to mouth of Betsy River
Betsy River from mouth to head of “widewaters”
(T50N, R7W, S12) and from Betsy River Road upstream, through
Sheephead and Betsy Lakes, not including South Branch
Clark’s Creek (T49N, R6W, S34)
Black Creek T46N, R6 W, S3)
Trout Creek (T49N, R11W, S2)

County
Luce
Luce
Luce
Luce
Luce, Chippewa
Luce, Chippewa
Luce, Chippewa
Luce, Chippewa
Luce, Chippewa
Chippewa
Chippewa
Luce

Tahquamenon River Basin

Unnamed Creek (T48N, R6W, S17)
Cheney Creek (T48N, R6W, S17)
Lynch Creek (T48N, R7W, S13)
Unnamed Creek (T48N, R7W, S15)
Bowers Creek (T48N, R7W, S23)
Unnamed Creek (T48N, R7W, S23)
Two Unnamed Creeks (T48N, R7W, S6)
Unnamed Creek (T48N, R8W, S12)
Main (South) Branch Linton Creek (T48N, R8W, S15)
EXCEPT:
North Branch Linton Creek
Middle Branch Linton Creek
Maye Creek (T48N, R8W, S27)
Schouts Creek (T48N, R8W, S27)
Baird Creek (T48N, R8W, S33)
O’Keefe Creek (T48N, R8W, S33)
Savage Creek (T48N, R8W, S33)
Hiawatha Creek (T47N, R8W, S24)
Auger River from M-123 (T47N, R9W, S30) upstream
Sage River and all tributaries from Soo Line Railroad
(T46N, R8W, S31, 32) upstream
Sixteen Creek (T46N, R9W, S21)
39 Creek (T46N, R9W, S20)
Otto Brant Creek (T46N, R10W, S13)
Unnamed Creek (T46N, R10W, S29)
Unnamed Creek (T46N, R10W, NW, S23)
Two Unnamed Creeks (T46N, R11W, S26)
Teaspoon Creek (T46N, R11W, S36) and tributaries above Soo Line Railroad
Petes Creek (T45N, R10W, S8)
Silver Creek (T46N, R11W, S26)
East Creek (T46N, R11W, S20)
Red Creek (T46N, R11W, S21)

County
Chippewa
Chippewa
Chippewa
Chippewa
Chippewa
Chippewa
Luce
Luce
Chippewa
Luce
Luce
Chippewa
Luce
Luce
Luce
Luce
Luce
Luce
Luce
Luce
Luce
Luce

### Upper Peninsula Streams Flowing into Lake Superior

**Stream** | **County**
--- | ---
Mud Creek (T46N, R11W, S35) | Luce
Laketon Slough Creek (T46N, R11W, S30) | Luce
Syphon Creek (T46N, R11W, S30) | Luce
Tahquamenon River upstream from McMillan Bridge (T46N, R11W, S21) | Luce
Kings Creek (T46N, R12W, S25) | Luce
Grass Lake Creek (T47N, R12W, S21) | Luce
East Branch Tahquamenon River upstream (T46N, R7W, S9) and all tributaries | Chippewa
  - Little Beaver Creek (T47N, R8W, S25) | Luce
  - Big Beaver Creek (T46N, R7W, S5) | Chippewa

**Hendrie River Basin**

- Unnamed Creek (T46N, R7W, S32) | Chippewa
- Basnau Creek (T46N, R7W, S32) | Chippewa
- McLeod Ditch (T45N, R7W, S18) | Chippewa
- South Branch Hendrie River upstream from Soo Line Railroad (T45N, R7W, S34) | Chippewa
- West Branch Hendrie River upstream from Soo Line Railroad (T45N, R7W, S29) | Chippewa, Luce

**Coastal Streams between Tahquamenon River (Chippewa County) and Waiska River, Chippewa County (T46N, R2W, S5)**

- Galloway Creek (T48N, R6W, S28) | Chippewa
- Silver Creek (T48N, R6W, S34) | Chippewa
- Roxbury Creek (T47N, R6W, S11) | Chippewa
- Ankodosh Creek (T47N, R6W, S12) | Chippewa
- Naomikong Creek (T47N, R5W, S18) | Chippewa
- Unnamed Creek (T47N, R5W, S15) | Chippewa
- Water Wheel Creek (T47N, R5W, S15) | Chippewa
- Unnamed Creek (T47N, R5W, S15) | Chippewa
- Halfaday Creek (T47N, R5W, S14) | Chippewa
- Bergman Creek (T47N, R5W, S14) | Chippewa
- Unnamed Creek (T47N, R5W, S13) | Chippewa
- Grants Creek (T47N, R5W, S13) | Chippewa
- Two Unnamed Creeks (T47N, R4W, S29) | Chippewa
- Pendills Creek (T47N, R4W, S28) up to Pendills Lake | Chippewa

**Waiska River Basin**

- East Branch of South Branch Waiska River and tributaries upstream from (T46N, R2W, S28) | Chippewa
- West Branch Waiska River and tributaries upstream from Waiska River Truck Trail (T45N, R3W, S4) | Chippewa
UPPER PENINSULA STREAMS FLOWING INTO ST. MARYS RIVER AND CONNECTING WATERS

Stream
Munuscong River Basin
Little Munuscong River from T45N, R1E, S33 upstream to T45N, R1W, S23
Desormeaux Creek upstream from Kelden and tributaries entering from the north
Parker Creek from mouth T44N, R1E, S20 upstream to south section line in T44N, R1W, S14
Fletcher Creek (T43N, R1E, S30)
Taylor Creek upstream from north section line of T43N, R1W, S23
Rapson Creek (T43N, R1E, S17)

UPPER PENINSULA STREAMS FLOWING INTO LAKE HURON

Stream
Streams of Drummond Island
Stoney Creek (T42N, R6E, S13)
Unnamed tributary to Potaganning Bay (T42N, R5E, S24)

Coastal Streams between Pte. Detour (Chippewa County) and Pine River,
Mackinac County (T42N, R3W, S10)
Albany Creek (T41N, R3E, S8)
Unnamed Creek (T41N, R3E, S9)
Trout Creek (T41N, R3E, S6)
Beavertail Creek from M-134 upstream
Prentiss Creek (T42N, R2E, S31)

McKay Creek (T42N, R1E, S34)
Flowers Creek (T42N, R1E, S33)
Pearson Creek (T42N, R1E, S31)
Hessel Creek (T42N, R1W, S27)
Nuns Creek (T42N, R2W, S16)

Pine River Basin
Pine River and tributaries (T42N, R3W, S10) EXCEPT:

Blind Biscuit Creek upstream of U.S.F.S. 3339

Garden Hill Creek (T43N, R3W, S24)
Rock Spring Creek (T43N, R3W, S24)
Elmhurst Creek (T43N, R3W, S24)
North Branch Pine River (T44N, R2W, S18) and tributaries EXCEPT:

Tributaries downstream of Township line between T44N, R3W, and T44N, R2W

County
Chippewa
Chippewa
Chippewa
Chippewa
Mackinac
Chippewa
Mackinac
Chippewa
Chippewa

County
Chippewa
Chippewa
Chippewa
Mackinac, Chippewa
Mackinac
Chippewa
Mackinac
Mackinac
Mackinac
Mackinac

County
Mackinac,
Chippewa
Mackinac,
Chippewa
Mackinac
Mackinac
Mackinac
Chippewa

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UPPER PENINSULA STREAMS FLOWING INTO LAKE HURON

Stream
Carp River Basin
Entire Carp River and tributaries EXCEPT:

Flat Creek (T42N, R3W, S18)
TrIBUTARIES of South Branch and headwaters above T43N, R6W, S16
Unnamed Creek in T44N, R6W, S34
Carp River from Mud Lake Outlet to Carp and Frenchman Lakes (T44N, R6W, S26)
Schweigner Creek, tributary to Carp Lake
Frenchie Creek, tributary to Frenchman Lake
Inlet and Outlet of Wegwaas Lake

County
Mackinac, Chippewa
Mackinac
Mackinac
Chippewa
Chippewa
Chippewa
Chippewa
Mackinac,

Coastal Streams between Pine River, Mackinac County (T42N, R3W, S10) and Straits of Mackinac
Summerbee Creek (from unnamed lake in T41N, R4W, S11 upstream)
McClouds Creek (T42N, R3W, S10)
Martineau Creek (T41N, R3W, S5)
Foley Creek (T41N, R4W, S13)
Rabbitback Creek (T41N, R3W, S30)
Hoban Creek (T40N, R3W, S6)

County
Mackinac
Mackinac
Mackinac
Mackinac
Mackinac
Mackinac

UPPER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

Stream
Coastal Streams between Straits of Mackinac and Black River (Mackinac County)
Silver Creek (T42N, R5W, S19)
Little Brevoort River EXCEPT: Upstream from Cut River Truck Trail
Cut River (T42N, R7W, S12)
Paquin Creek (T42N, R7W, S6)
Davenport Creek (T42N, R8W, S2)
Hog Island Creek (T43N, R8W, S34)
Unnamed Creek (T42N, R7W, S5)
Unnamed Creek (T42N, R8W, S1)
Brevoort River (T41N, R5W, S9)

County
Mackinac
Mackinac
Mackinac
Mackinac
Mackinac
Mackinac
Mackinac
Mackinac

Black River Basin
Black River (T43N, R8W, S30) and all tributaries

County
Mackinac

Coastal Streams between Black River (Mackinac County) and Millecoquin River (Mackinac County)
Mattix Creek (T43N, R9W, S26)
Davis Creek (T43N, R9W, S26)
East Mile Creek (T43N, R9W, S21)

County
Mackinac
Mackinac
Mackinac
### UPPER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

<table>
<thead>
<tr>
<th>Stream</th>
<th>County</th>
</tr>
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<tbody>
<tr>
<td>West Mile Creek (T43N, R9W, S21)</td>
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</tr>
<tr>
<td>Millecoquin River Basin</td>
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</tr>
<tr>
<td>Three Mile Creek (T43N, R9W, S18)</td>
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</tr>
<tr>
<td>O’Niel Creek (T43N, R10W, S24)</td>
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<tr>
<td>Doe Creek from M-117 (T43N, R10W, S5 SE) upstream</td>
<td>Mackinac</td>
</tr>
<tr>
<td>Hagler Creek (T44N, R10W, S35)</td>
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</tr>
<tr>
<td>Harris Creek (T44N, R10W, S35)</td>
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</tr>
<tr>
<td>North Branch Cold Creek (T44N, R10W, S36)</td>
<td>Mackinac</td>
</tr>
<tr>
<td>South Branch Cold Creek (T44N, R10W, S36)</td>
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</tr>
<tr>
<td>Millecoquin River and tributaries (T43N, R9W, S30) EXCEPT:</td>
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</tr>
<tr>
<td>Furlong Creek (North Section Line S4, T43N, R11W downstream to lake)</td>
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</tr>
<tr>
<td>Doe Creek between (M-117) and confluence with Furlong Creek</td>
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</tr>
<tr>
<td>Unnamed Tributary to Millecoquin Lake (T44N, R10W, S36)</td>
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<tr>
<td>Coastal Streams between Millecoquin River (Mackinac County) and Manistique River (Schoolcraft County)</td>
<td>Mackinac</td>
</tr>
<tr>
<td>Rock River (T43N, R10W, S34)</td>
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<tr>
<td>Catarac River (T42N, R11W, S35)</td>
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</tr>
<tr>
<td>Crow River (T42N, R10W, S19) and tributaries</td>
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<tr>
<td>Point Patterson (T41N, R11W, S10)</td>
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</tr>
<tr>
<td>Newton Creek (T41N, R11W, S9)</td>
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<td>Hudson Creek (T41N, R11W, S8)</td>
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</tr>
<tr>
<td>Unnamed Creek (T41N, R12W, S7)</td>
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</tr>
<tr>
<td>Milakokia River and tributaries from mouth (T41N, R13W, S11) upstream to Baty Doe Lake Road (T42N, R12W, S17,) EXCEPT:</td>
<td>Schoolcraft</td>
</tr>
<tr>
<td>Millaquoka Lake Outlet (T42N, R13W, S34)</td>
<td>Schoolcraft</td>
</tr>
<tr>
<td>Orr Creek (T41N, R15W, S9)</td>
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</tr>
<tr>
<td>Manistique River Basin</td>
<td>Schoolcraft</td>
</tr>
<tr>
<td>Dufour Creek (T41N, R16W, S17)</td>
<td>Schoolcraft</td>
</tr>
<tr>
<td>Silver Creek (T41N, R16W, S6)</td>
<td>Schoolcraft</td>
</tr>
<tr>
<td>Indian River Mainstream above Indian Lake</td>
<td>Schoolcraft</td>
</tr>
<tr>
<td>EXCEPT:</td>
<td>Schoolcraft</td>
</tr>
<tr>
<td>Skeels Lake Inlet (T44N, R19W, S36)</td>
<td>Alger</td>
</tr>
<tr>
<td>Unnamed tributary Thunder Lake (T43N, R17W, S30)</td>
<td>Schoolcraft</td>
</tr>
<tr>
<td>Inlet from Upper Thunder into Thunder Lake (T43N, R17W, S19)</td>
<td>Schoolcraft</td>
</tr>
<tr>
<td>Little Star Creek (T43N, R17W, S34)</td>
<td>Schoolcraft</td>
</tr>
<tr>
<td>Inlet from Hutt Lake to Davis Lake (T43N, R17W, S8)</td>
<td>Schoolcraft</td>
</tr>
<tr>
<td>All tributaries to Big Murphy Lake</td>
<td>Schoolcraft</td>
</tr>
<tr>
<td>All tributaries to Leg Lake</td>
<td>Schoolcraft</td>
</tr>
<tr>
<td>Camp 83 Creek (T44N, R17W, S30)</td>
<td>Schoolcraft</td>
</tr>
<tr>
<td>Two Unnamed tributaries to Big Indian River from South (T44N, R18W, S25)</td>
<td>Schoolcraft</td>
</tr>
<tr>
<td>All tributaries to Triangle Lake</td>
<td>Schoolcraft</td>
</tr>
</tbody>
</table>

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UPPER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

Stream                                                                 County          
Cookson Lake Outlet and all tributaries to Cookson, McKeever,          Schoolcraft   
  Grassy, and Petes lakes (T44N, R18W, S22)                            Schoolcraft   
Outlet of Rumble Lake and connecting streams between Verdant,        Schoolcraft   
  Bear, Ironjaw, and Hub lakes (T44N, R18W, S21)                      Schoolcraft   
Two Lakes Outlet (T44N, R18W, S21)                                    Schoolcraft   
Connecting streams between Deep, Mike, White,                        Schoolcraft   
  Toms. and Swan lakes (T44N, R18W, S32)                              Schoolcraft   
Straits Lake Outlet (T44N, R18W, S30)                                 Schoolcraft   
Grassy Lake Outlet (T44N, R18W, S9)                                   Schoolcraft   
Manistique River (T41N, R16W, S13) upstream to                      Schoolcraft   
  Manistique Pulp and Paper Mill Dam                                 Schoolcraft   
Big Murphy Creek (T42N, R17W, S2)                                    Schoolcraft   
Little Murphy Creek (T43N, R17W, S27)                                Schoolcraft   
Delias Run Creek from confluence with Big Indian                    Schoolcraft   
  River upstream to C.O.P. 437, T44N, R17W, S20 only                 Schoolcraft   
Little Indian River (T44N, R18W, S23)                                Schoolcraft   
The Big Ditch from T42N, R16W, S6 upstream to                        Schoolcraft   
  T43N, R16W, S6                                                      Schoolcraft   
Sturgeon Hole Creek from M-94 upstream                               Schoolcraft   
Star Creek & tributaries (T45N, R16W, S7)                            Schoolcraft   
North Branch Stutts Creek & tributaries (T44N, R16W, S17)            Schoolcraft   
South Branch Stutts Creek & tributaries (T44N, R16W, S17)            Schoolcraft   
Fenton Creek (T45N, R17W, S37)                                       Alger         
Hiawatha Creek (T43N, R15W, S7)                                      Schoolcraft   
Southside Creek (T43N, R16W, S2)                                     Schoolcraft   
Brace Creek (T43N, R15W, S27)                                        Schoolcraft   
Hickey Creek (T44N, R15W, S30)                                       Schoolcraft   
Prairie Creek (T45N, R17W, S2)                                       Schoolcraft   
Creighton River above M-28                                           Schoolcraft   
Bear Creek and tributaries from Cub Creek to East Branch Bear Creek  Schoolcraft   
Mezik Creek & tributaries (T43N, R14W, S1)                           Schoolcraft   
 Walsh Creek upstream from (T46N, R15W, S34)                         Schoolcraft, Alger
  Driggs River & tributaries upstream from T45N, R14W, S6 EXCEPT:     Schoolcraft   
    Inlets to Driggs Lake                                             Alger         
Fox River and tributaries from mouth of Dead Creek                  Alger, Schoolcraft
  T45N, R13W, S10 upstream EXCEPT:                                    Alger         
    Two Mile Ditch (T46N, R13W, S19)                                 Alger         
    Inlets to West Branch Lakes (T48N, R14W, S31)                    Alger         
    Inlets from Sand and Triangle Lakes (T48N, R14W, S29, 30)        Alger         
Grass Lake Creek (T48N, R15W, S36)                                  Alger         
Loon Creek (T48N, R15W, S26)                                        Alger         
Pelican Creek (T48N, R15W, S26)                                     Alger         
Hemlock Lake Outlet (T48N, R14W, S32)                                Alger         
Deerfoot Lake Outlet (T48N, R14W, S33)                               Alger         
Pickerel Lake Outlet (T48N, R14W, S26)                              Alger         
East Branch Fox River and tributaries                                Luce, Schoolcraft
  Locke Creek (T45N, R11W, S20)                                      Luce          
Taylor Creek and tributaries (T43N, R12W, S2)                       Mackinac
UPPER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

Stream
Norton Creek and tributaries (T43N, R12W, S1)
Black Creek above Black Creek Impoundment (T44N, R11W, S4)

County
Mackinac
Mackinac, Luce

Coastal Streams from Manistique River (Schoolcraft County) to Sturgeon River
(Delta County)
Thompson Creek (T41N, R16W, S32)
Johnson Creek (T40N, R16W, S6)
Snyder Creek (T40N, R17W, S12)
Dead Horse Creek (T40N, R17W, S12)
Tabo Creek (T40N, R17W, S13)
Gierke Creek (T40N, R17W, S24)
Bursaw Creek (T40N, R17W, S24)
Parent Creek (T39N, R17W, S4)
Poodle Pete's Creek (T39N, R17W, S8)
Fishdam River, Big Mainstream and all tributaries upstream from R.R. bridge in T41N, R18W, S28

County
Schoolcraft
Schoolcraft
Schoolcraft
Schoolcraft
Schoolcraft
Schoolcraft
Schoolcraft
Schoolcraft

Sturgeon River Basin
Sturgeon River, mainstream and all tributaries, up from US-2 highway Bridge in T40N, R19W, S6, to mouth of West Branch Creek and from inlet of Sturgeon River to Lake Dam Lake in T44N, R19W, S30, upstream to bridge on U.S.F.S. 2268 in T45N, R20W, S36

County
Delta, Alger

Mormon Creek, entire stream up from mouth in T41N, R19W, S17 and all tributaries

County
Delta

Moses Creek, entire stream up from mouth in T41N, R19W, S9

County
Delta

Two Unnamed Creeks, in T41N, R19W, S3 (tributaries to Sturgeon)

County
Delta

Eighteen Mile Creek, entire stream up from mouth in T42N, R19W, S29 and all tributaries

County
Delta

Unnamed Creek, entire stream up from mouth in T42N, R19W, S30 (tributary to Sturgeon)

County
Delta

Two Unnamed Creeks, up from mouths in T42N, R20W, S24 (tributaries to Sturgeon)

County
Delta

Two Unnamed Creeks, up from mouths in T42N, R20W, S13 (tributaries to Sturgeon)

County
Delta

Little Black Creek, entire stream up from mouth in T42N, R20W, S12 and all tributaries

County
Delta

Black Creek, entire stream up from mouth in T42N, R20W, S1 and all tributaries

County
Delta

Unnamed Creek, entire stream up from mouth in T42N, R19W, S6 (tributary to Sturgeon)

County
Delta

Gleason Lake Outlet, entire stream up from mouth in T42N, R19W, S5

County
Delta

Bachelor Creek, entire stream up from mouth in T43N, R19W, S33

County
Delta

Unnamed Creek, entire stream up from mouth in T43N, R19W, S34 (tributary to Sturgeon)

County
Delta

Unnamed Creek, entire stream up from mouth in T43N, R19W, S26 (tributary to Sturgeon)

County
Delta

Unnamed Creek, entire stream up from mouth in T43N, R19W, S14 (tributary to Sturgeon)

County
Delta
UPPER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

Stream

Unnamed Creek, entire stream up from mouth in
T43N, R19W, S10 (tributary to Sturgeon)

Coastal Streams between Ogontz River (Delta County) and Whitefish River
(Delta County)

Ogontz River, entire stream and all tributaries up from
US-2 bridge in T40N, R20W, S4

Squaw Creek, entire stream and all tributaries up
from mouth in T39N, R22W, S11 EXCEPT:
Ponds in T39N, R22W, S2

Black George Creek (Hock and/or Schaawe Creek)
entire stream and all tributaries (T40N, R21W, S6)

County

Delta

Whitefish River Basin

Whitefish River, mainstream and all tributaries, up from
US-2 bridge in T41N, R21W, S28 EXCEPT:
Bergman Creek (T41N, R21W, S21)
Outlets of Bishop and Hamilton Lakes
Pole Creek System
Squirrel Creek

Delta, Alger,
Marquette

Coastal Streams from Rapid River (Delta County) to Escanaba River
(Delta County)

Rapid River, entire stream and all tributaries (T41N, R21W, S29)
Tacooosh River, entire stream and all tributaries (T41N, R21W, S30)
Days River, mainstream and all tributaries from mouth in
T40N, R22W, S2 upstream to bridge on M-35 in
S21, T41N, R22W

Unnamed Tributary, entire stream in T40N, R22W, S16

Delta

Delta

Delta

Escanaba River Basin

Escanaba River, entire stream system EXCEPT:
Escanaba River mainstream, up from mouth in
T39N, R22W, S18 to T40N, R23W, S13
Indian Creek (T41N, R23W, S 8)
Squaw Creek and all tributaries above T42N, R23W, S30
Black River and all tributaries up from Co. Rd.
478 in T47N, R29W, S34
Boston Lake Inlet in T48N, R28W, S33
Halfway Creek (T47N, R29W, S3)
All Impoundments

Green Creek upstream from the road crossing
in the T46N, R26W, S29 SE1/4, NE1/4
Goose Lake Outlet from its mouth in
T46N, R26W, S13 upstream to the road crossing in
the T47N, R26W, S36 SW1/4, SW1/4
Schweitzer Creek from Co. Rd. 563 upstream

to Schweitzer Creek Dam in T46N, R27W, S2

Delta, Marquette

Delta

Delta, Marquette

Delta

Delta, Marquette

Delta, Marquette,
Dickinson

Marquette

Marquette

Marquette

Marquette
UPPER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

Stream

Ford River Basin
  Ford River, upstream from T43N, R27W, S35 EXCEPT:
    *Unnamed Tributary T43N, R28W, S34*

  *Stafford Creek T43N, R28W, S27*

  Unnamed Tributary to Ford River (T40N, R24W, S7, 17)
  Finland's Creek (T39N, R23W, S31)
  Five Mile Creek (T39N, R23W, S31)
  Unnamed Tributary to Ford River (T40N, R24W, S26)
  Unnamed Tributary to Ten Mile Creek (T39N, R24W, S16)
  Twenty Four Mile Creek (T40N, R24W, S17)
  North Branch Ford River (T43N, R27W, S35) EXCEPT:
    *Bear Creek above bridge, T43N, R27W, S22, 23*
  Hayes Creek (T43N, R28W, S22)
  Turner Creek (T43N, R29W, S11)
  Two Mile Creek (T43N, R29W, S18)
  Dump Creek (T43N, R30W, S17)
  Bices Creek (T43N, R30W, S17)

Bark River Basin
  Bark River, mainstream and all tributaries, up from mouth
  in T37N, R24W, S26 to Co. Rd. S35 in
  T39N, R24W, S19, 20 EXCEPT:
    *Unnamed Tributary from South Lake in T37N, R24W, S11*

Big Cedar River Basin
  Big Cedar River and all tributaries upstream from bridge
  in T38N, R25W, S8 EXCEPT:
    *Gorzinski Creek, T38N, R26W, S12*
    *Reed Brook, T38N, R26W, S22*
    *Alder Brook T38N, R26W, S16*
    *Beaver Dam Creek, T39N, R26W, S31*
    *Labre Creek, T40N, R26W, S28*

  Following tributaries of the Big Cedar downstream from
  T38N, R25W, S8:
    DePas Creek mouth in T37N, R25W, S11
    Crooked Creek mouth in T37N, R25W, S22
    DeGraves Creek mouth in T37N, R25W, S34
    Devils Creek mouth in T36N, R25W, S21
    Camp H Creek upstream from Peterson's Pond in
    T37N, R25W, S30
    Big Brook upstream from Co. Rd. 352, T35N, R26W, S20
    Elwood Creek Mouth in T35N, R25W, S11
    Walton Creek Mouth in T35N, R25W, S23
UPPER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

<table>
<thead>
<tr>
<th>Stream</th>
<th>County</th>
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</thead>
<tbody>
<tr>
<td><strong>Tributaries of Menominee River</strong></td>
<td></td>
</tr>
<tr>
<td>Kelly Creek upstream from T33N, R27W, S20</td>
<td>Menominee</td>
</tr>
<tr>
<td>Little Kelly Creek (T34N, R27W, S3)</td>
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</tr>
<tr>
<td>Ross Creek (T36N, R27W, S34)</td>
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</tr>
<tr>
<td>Holmes Creek (T37N, R27W, S36)</td>
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</tr>
<tr>
<td>Camp Two Creek (T38N, R27W, S10)</td>
<td>Menominee</td>
</tr>
<tr>
<td>Burke Creek (T34N, R28W, S7)</td>
<td>Menominee</td>
</tr>
<tr>
<td>Shakey River upstream from T35N, R28W, S9</td>
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</tr>
<tr>
<td>Miscauna Creek (T37N, R28W, S29)</td>
<td>Menominee</td>
</tr>
<tr>
<td>Pemene Creek (T37N, R28W, S21)</td>
<td>Menominee</td>
</tr>
<tr>
<td>Faithorn Creek (T38N, R28W, S20)</td>
<td>Menominee</td>
</tr>
<tr>
<td>Harter Creek (T38N, R28W, S7)</td>
<td>Dickinson</td>
</tr>
<tr>
<td>Fumee Creek (T39N, R30W, S3)</td>
<td>Dickinson</td>
</tr>
<tr>
<td>Poor Farm Creek (T39N, R30W, S4)</td>
<td>Dickinson</td>
</tr>
<tr>
<td>Unnamed Tributary (T39N, R30W, S8)</td>
<td>Dickinson</td>
</tr>
<tr>
<td>First Creek (T41N, R31W, S24)</td>
<td>Dickinson</td>
</tr>
<tr>
<td>Unnamed Tributary (T41N, R31W, S15)</td>
<td>Iron</td>
</tr>
<tr>
<td>Badwater Creek Mouth (S32, T41N, R30W)</td>
<td>Dickinson</td>
</tr>
</tbody>
</table>

**Sturgeon River Basin**

| Turners Creek (T39N, R28W, S32)                                       | Dickinson  |
| Fitzgerald Creek upstream from Turners Creek                         | Dickinson  |
| Hamilton Creek upstream from Hamilton Lake (T39N, R28W, S21)          | Dickinson  |
| Beaver Creek (T39N, R28W, S3)                                         | Dickinson  |
| Pine Creek upstream from mouth in T39N, R29W, S12                      | Dickinson  |
| Fern Creek (T40N, R29W, S34)                                         | Dickinson  |
| Brown's Creek (T40N, R30W, S14)                                       | Dickinson  |
| Seibert's Creek (T40N, R30W, S11) upstream to Benton Lake            | Dickinson  |
| Pollock Creek (T40N, R28W, S1)                                        | Dickinson,  |
|                                                                      | Menominee   |
| Pocans Creek (T41N, R28W, S13)                                        | Dickinson   |
| West Branch Sturgeon River upstream from (T41N, R29W, S13)            | Dickinson   |
| Mitchell Creek (T41N, R29W, S24) EXCEPT:                               | Dickinson   |
| Whiskey Creek (T41N, R29W, S24)                                       | Dickinson   |
| Unnamed Tributary (T41N, R29W, S22)                                   | Dickinson   |
| East Branch Sturgeon River upstream from bridge in T43N, R29W, S35    | Dickinson   |
| Solberg Lake Creek (T42N, R29W, S22)                                  | Dickinson   |
| Skunk Creek (T42N, R28W, S20)                                         | Dickinson   |
| South Branch of East Branch Sturgeon River (T42N, R29W, S3)           | Dickinson   |
| Lost Creek (T40N, R28W, S35)                                          | Dickinson   |
| Cassidy Creek above bridge (T40N, R29W, S14) EXCEPT:                  | Dickinson   |
| Unnamed Tributary (T40N, R29W, S14)                                   | Dickinson   |
| North Branch Cassidy Creek upstream with Little Cassidy Creek in T40N, R28W, S27 |
| Little Cassidy Creek, confluence with Cassidy Creek in T40N, R28W, S27 |

**Michigamme River Basin**

<p>| Larson Creek (T42N, R31W, S16)                                        | Iron       |
| Camp Five Creek (T42N, R31W, S15)                                     | Iron       |</p>
<table>
<thead>
<tr>
<th>Stream</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unnamed Tributary (T42N, R31W, S9)</td>
<td>Iron</td>
</tr>
<tr>
<td>Camp Six Creek (T42N, R31W, S9)</td>
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<tr>
<td>Minnehaha Creek (T43N, R31W, S29)</td>
<td>Iron</td>
</tr>
<tr>
<td>Two Unnamed Tributaries (T43N, R31W, S20)</td>
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</tr>
<tr>
<td>Unnamed Tributary (T43N, R31W, S17)</td>
<td>Iron</td>
</tr>
<tr>
<td>Kelso Creek (T43N, R31W, S1) up to bridge (T43N, R31W, S12)</td>
<td>Iron</td>
</tr>
<tr>
<td>Unnamed Tributary (T44N, R31W, S10)</td>
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</tr>
<tr>
<td>Three Mile Creek (T44N, R31W, S10)</td>
<td>Iron</td>
</tr>
<tr>
<td>Unnamed Tributary (T46N, R31W, S35)</td>
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</tr>
<tr>
<td>Unnamed Tributary to Bone Lake (T46N, R32W, S21)</td>
<td>Iron</td>
</tr>
<tr>
<td>Unnamed Tributary (T46N, R32W, S16)</td>
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</tr>
<tr>
<td>Beaver Creek (T46N, R32W, S9)</td>
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</tr>
<tr>
<td>LaFournier Creek (T46N, R32W, S9)</td>
<td>Iron</td>
</tr>
<tr>
<td>Unnamed Tributary (T44N, R32W, S24)</td>
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</tr>
<tr>
<td>Gages Creek (T42N, R31W, S33)</td>
<td>Iron</td>
</tr>
<tr>
<td>Clarks Creek (T43N, R31W, S5)</td>
<td>Iron</td>
</tr>
<tr>
<td>Fence River from T44N, R31W, S3 upstream to T46N, R32W, S35</td>
<td>Iron</td>
</tr>
<tr>
<td>McMillan Creek (T44N, R31W, S16)</td>
<td>Iron</td>
</tr>
<tr>
<td>Mitchigan River (T45N, R31W, S15)</td>
<td>Iron</td>
</tr>
<tr>
<td>Smith Creek (T45N, R31W, S15)</td>
<td>Iron</td>
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<tr>
<td>Camp Creek (T45N, R31W, S17)</td>
<td>Iron</td>
</tr>
<tr>
<td>East Branch Fence River (T45N, R32W, S12)</td>
<td>Iron</td>
</tr>
<tr>
<td>Nolenche Creek (T45N, R31W, S17)</td>
<td>Iron</td>
</tr>
<tr>
<td>Jones Camp Creek (T45N, R32W, S12)</td>
<td>Iron</td>
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<tr>
<td>Flanagan Creek (T46N, R32W, S14)</td>
<td>Iron, Baraga</td>
</tr>
<tr>
<td>Margeson Creek (T44N, R32W, S13)</td>
<td>Iron</td>
</tr>
<tr>
<td>McCutcheon Creek (T44N, R32W, S16)</td>
<td>Iron</td>
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<tr>
<td>Deer River (T44N, R32W, S16)</td>
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<tr>
<td>Premo Creek (T44N, R32W, S20)</td>
<td>Iron</td>
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<tr>
<td>Michigamme River and all tributaries, up from T45N, R29W, S29 to T46N, R29W, S19 EXCEPT: Gamble Creek, T45N, R29W, S5</td>
<td>Marquette</td>
</tr>
<tr>
<td>Trout Falls Creek and all tributaries, up from mouth in T46N, R29W, S18 EXCEPT: Outlet from Hot Jack Lake to Wahlstrom Lake</td>
<td>Marquette</td>
</tr>
<tr>
<td>Spruce River and all tributaries (T47N, R30W, S21)</td>
<td>Marquette</td>
</tr>
<tr>
<td>Dishno Creek and all tributaries (T48N, R30W, S1)</td>
<td>Marquette</td>
</tr>
<tr>
<td>West Branch of Pesheke, all of stream in Baraga County EXCEPT: Unnamed Tributary in T49N, R31W, S25</td>
<td>Baraga</td>
</tr>
<tr>
<td>Outlets of Crooked Lake and Outlet of Craig</td>
<td>Baraga</td>
</tr>
<tr>
<td>Lake down to tributary in T49N, R31W, S22</td>
<td>Baraga</td>
</tr>
<tr>
<td>Baraga Creek, all of stream system in Baraga County (T50N, R30W)</td>
<td>Baraga</td>
</tr>
</tbody>
</table>

Paint River Basin

Paint River, entire system EXCEPT:
- Mitigwaki Lake inlets and Mitigwaki Creek
- Lower Holmes Lake Inlet
- Winslow Lake inlets

Iron
# UPPER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

<table>
<thead>
<tr>
<th>Stream</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Borski Creek</td>
<td>Iron</td>
</tr>
<tr>
<td>Lake Five Creek</td>
<td>Iron</td>
</tr>
<tr>
<td>Tributary to Net River in T46N, R34W, S1, 2</td>
<td>Iron</td>
</tr>
<tr>
<td>Spring Lake Creek</td>
<td>Iron</td>
</tr>
<tr>
<td>Tributary in T46N, R34W, S27, 34</td>
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</tr>
<tr>
<td>Net River down from bridge in T46N, R33W, S19</td>
<td>Iron</td>
</tr>
<tr>
<td>Pass Creek</td>
<td>Iron</td>
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<tr>
<td>Porter Lake Outlet</td>
<td>Iron</td>
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<tr>
<td>Fire Lake Creek</td>
<td>Iron</td>
</tr>
<tr>
<td>Dahni Lake Outlet</td>
<td>Iron</td>
</tr>
<tr>
<td>First Fortune Lake Inlet</td>
<td>Iron</td>
</tr>
<tr>
<td>Anderson Lake Outlet</td>
<td>Iron</td>
</tr>
<tr>
<td>Brier Hill Creek down to bridge in T43N, R33W, S24</td>
<td>Iron</td>
</tr>
<tr>
<td>Mud Lake Outlet</td>
<td>Iron</td>
</tr>
<tr>
<td>Chicagon Creek above Lake Emily</td>
<td>Iron</td>
</tr>
<tr>
<td>St. Paul Creek below Upper Holmes Lake</td>
<td>Iron</td>
</tr>
<tr>
<td>Tributaries in T42N, R32W, S2, 3, 11 and 12</td>
<td>Iron</td>
</tr>
<tr>
<td>Tim Bowers Creek above beaver pond in T42N, R32W, S15 NE</td>
<td>Iron</td>
</tr>
<tr>
<td>Little Tobin Creek</td>
<td>Iron</td>
</tr>
<tr>
<td>Tributary in T42N, R32W, S36</td>
<td>Iron</td>
</tr>
<tr>
<td>Tributary in T41N, R32W, S1</td>
<td>Iron</td>
</tr>
<tr>
<td>Paint River downstream from Ponozzo Road</td>
<td>Iron</td>
</tr>
<tr>
<td>Bridge in T44N, R35W, S8, 9</td>
<td>Iron</td>
</tr>
<tr>
<td>Paint River downstream from Bates-Amasa Road</td>
<td>Iron</td>
</tr>
<tr>
<td>Bridge in T44N, R34W, S36</td>
<td>Iron</td>
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**Brule River Basin**

<table>
<thead>
<tr>
<th>Stream</th>
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</thead>
<tbody>
<tr>
<td>Brule River up from US-2, T41N, R32W, S9 EXCEPT:</td>
<td>Iron</td>
</tr>
<tr>
<td>Unnamed Tributary, T42N, R33W, S28</td>
<td>Iron</td>
</tr>
<tr>
<td>East Branch Armstrong Creek above Armstrong Lake, T42N, R33W, S22</td>
<td>Iron</td>
</tr>
<tr>
<td>Baker Creek, T42N, R35W, S1</td>
<td>Iron</td>
</tr>
<tr>
<td>Iron Lake Creek, T43N, R35W, S15</td>
<td>Iron</td>
</tr>
<tr>
<td>Unnamed Tributary, T42N, R35W, S34</td>
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</tr>
<tr>
<td>Unnamed Tributary, T42N, R35W, S28</td>
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<tr>
<td>Bass Creek, T42N, R36W, S14</td>
<td>Iron</td>
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<tr>
<td>Hagerman Creek, T42N, R36W, S15</td>
<td>Iron</td>
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<tr>
<td>Lambert Creek, T43N, R36W, S32</td>
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<td>Iron River (T42N, R34W, S29)</td>
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</tr>
<tr>
<td>Holmes Creek (T42N, R35W, S2)</td>
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<tr>
<td>Sunset Creek (T43N, R35W, S27)</td>
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<tr>
<td>Stanley Creek (T43N, R35W, S27)</td>
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</tr>
<tr>
<td>Auто Creek (T43N, R35W, S17)</td>
<td>Iron</td>
</tr>
<tr>
<td>Nash Creek (T43N, R35W, S17)</td>
<td>Iron</td>
</tr>
<tr>
<td>South Branch Iron River, T43N, R35W, S18 up to</td>
<td>Iron</td>
</tr>
<tr>
<td>Chara Lake, T43N, R36W, S24</td>
<td>Iron</td>
</tr>
<tr>
<td>North Branch Iron River (T43N, R35W, S18)</td>
<td>Iron</td>
</tr>
<tr>
<td>Camp Lake Creek (T42N, R35W, S19)</td>
<td>Iron</td>
</tr>
<tr>
<td>Pendleton Creek (T42N, R36W, S5)</td>
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1. 1/
**UPPER PENINSULASTREAMS FLOWING INTO LAKE MICHIGAN**

<table>
<thead>
<tr>
<th>Stream</th>
<th>County</th>
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</thead>
<tbody>
<tr>
<td>Alpha Creek above unnamed lake, T42N, R33W, S13</td>
<td>Iron</td>
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**LOWER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN**

<table>
<thead>
<tr>
<th>Stream</th>
<th>County</th>
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</thead>
<tbody>
<tr>
<td>Coastal Streams between Straits of Mackinac and Bear River (Emmet County)</td>
<td>Emmet</td>
</tr>
<tr>
<td>Carp Lake River (T39N, R4W, S29)</td>
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</tr>
<tr>
<td>Seven Mile Creek (T36N, R6W, S30)</td>
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</tr>
<tr>
<td>Five Mile Creek (T36N, R6W, S32)</td>
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</tr>
<tr>
<td>No Name Creek (T35N, R5W, S32)</td>
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<tr>
<td>Roaring Brook (T35N, R5W, S17)</td>
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</tr>
<tr>
<td>Page Creek (T35N, R5W, S17)</td>
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</tr>
<tr>
<td>Menonaqua Creek (T35N, R5W, S22)</td>
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</tr>
<tr>
<td>Tannery Creek (T35N, R5W, S28)</td>
<td>Emmet</td>
</tr>
<tr>
<td>Wyeamp Creek (T38N, R6W, S34)</td>
<td>Emmet</td>
</tr>
<tr>
<td>Genc Creek (T37N, R6W, S8)</td>
<td>Emmet</td>
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<table>
<thead>
<tr>
<th>Stream</th>
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</thead>
<tbody>
<tr>
<td>Bear River Basin</td>
<td>Emmet, Charlevoix</td>
</tr>
<tr>
<td>Bear River (T34N, R5W, S6)</td>
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<tr>
<td>Spring Brook (T33N, R5W, S14)</td>
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<tr>
<td>Gimlet Creek (T33N, R5W, S23)</td>
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<td>Hay Marsh Creek (T33N, R5W, S15)</td>
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<tr>
<td>Walloon Lake Tributaries</td>
<td>Charlevoix</td>
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<tr>
<td>School's Creek (T34N, R5W, S30)</td>
<td>Emmet</td>
</tr>
<tr>
<td>South-Arm Creek (T33N, R5W, S18)</td>
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<table>
<thead>
<tr>
<th>Stream</th>
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<tbody>
<tr>
<td>Beaver Island</td>
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<tr>
<td>Cable’s Creek</td>
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<tr>
<td>Iron Ore Creek</td>
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<table>
<thead>
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</thead>
<tbody>
<tr>
<td>Lake Charlevoix Area</td>
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<tr>
<td>Woods Creek (T34N, R7W, S32)</td>
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</tr>
<tr>
<td>Horton Creek (T33N, R6W, S6)</td>
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<tr>
<td>Dyer Creek (T33N, R6W, S8)</td>
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<tr>
<td>Porter Creek (T33N, R6W, S32)</td>
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<td>Loeb Creek (T33N, R8W, S1)</td>
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<td>Stover Creek (T34N, R8W, S35)</td>
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<tr>
<td>Tributaries of South-Arm Lake</td>
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<tr>
<td>Olstrom Creek (T32N, R7W, S3)</td>
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<td>Brown Creek (T32N, R7W, S23)</td>
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<td>Monroe Creek (T32N, R7W, S9)</td>
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<table>
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<tr>
<th>Stream</th>
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<tbody>
<tr>
<td>Boyne River Basin</td>
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<tr>
<td>Boyne River (T33N, R6W, S35)</td>
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<tr>
<td>Schoolhouse Creek (T32N, R5W, S10)</td>
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</tr>
<tr>
<td>North Branch Boyne River (T32N, R5W, S10)</td>
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</tr>
<tr>
<td>South Branch Boyne River (T32N, R5W, S9)</td>
<td>Charlevoix, Antrim</td>
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</tbody>
</table>
# LOWER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

<table>
<thead>
<tr>
<th>Stream</th>
<th>County</th>
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<tbody>
<tr>
<td>Moyer Creek (T32N, R5W, S21)</td>
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<td>Jordan River (T32N, R7W, S23)</td>
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<td>Lanway Creek (T32N, R7W, S26)</td>
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<td>Deer Creek (T32N, R7W, S26)</td>
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<tr>
<td>Bartholomew Creek (T31N, R7W, S1)</td>
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</tr>
<tr>
<td>Severence Creek (T31N, R6W, S7)</td>
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<tr>
<td>Webster Creek (T31N, R6W, S7)</td>
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<td>Gook Creek (T31N, R6W, S17)</td>
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<tr>
<td>Lilak Creek (T31N, R6W, S17)</td>
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</tr>
<tr>
<td>Martin Creek (T31N, R6W, S20)</td>
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</tr>
<tr>
<td>Cokirs Creek (T31N, R6W, S20)</td>
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</tr>
<tr>
<td>Mill Creek (T31N, R6W, S20)</td>
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<tr>
<td>Kocher Creek (T31N, R6W, S29)</td>
<td>Antrim</td>
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<tr>
<td>Scotts Creek (T31N, R6W, S29)</td>
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</tr>
<tr>
<td>Tutstone Creek (T31N, R6W, S29)</td>
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</tr>
<tr>
<td>Green River (T30N, R6W, S5)</td>
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</tr>
<tr>
<td>Stevens Creek (T30N, R6W, S9)</td>
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</tr>
<tr>
<td>Todd Creek (T31N, R7W, S1)</td>
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</tr>
<tr>
<td>Landslide Creek (T30N, R6W, S10)</td>
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</tr>
<tr>
<td>Section 13 Creek (T30N, R6W, S11)</td>
<td>Antrim</td>
</tr>
<tr>
<td>Six Tile Creek (T30N, R5W, S6)</td>
<td>Antrim</td>
</tr>
<tr>
<td>Unnamed Creek (T31N, R5W, S30)</td>
<td>Antrim</td>
</tr>
<tr>
<td>Unnamed Creek (T31N, R7W, S12)</td>
<td>Antrim</td>
</tr>
<tr>
<td>Unnamed Creek (T31N, R6W, S32)</td>
<td>Antrim</td>
</tr>
<tr>
<td>Two Unnamed Creeks (T31N, R6W, S7)</td>
<td>Antrim</td>
</tr>
<tr>
<td>Unnamed Creek (T31N, R6W, S20)</td>
<td>Antrim</td>
</tr>
<tr>
<td>Unnamed Creek (T30N, R6W, S29)</td>
<td>Antrim</td>
</tr>
<tr>
<td>Two Unnamed Creeks (T30N, R6W, S4)</td>
<td>Antrim</td>
</tr>
<tr>
<td>Unnamed Creek (T30N, R6W, S2)</td>
<td>Antrim</td>
</tr>
</tbody>
</table>

## Tributaries of Torch Lake upstream to Intermediate Lake

<table>
<thead>
<tr>
<th>Stream</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grass Creek (T30N, R8W, S22)</td>
<td>Antrim</td>
</tr>
<tr>
<td>Grass River (T29N, R8W, S13)</td>
<td>Antrim</td>
</tr>
<tr>
<td>Wilkenson Creek (T31N, R8W, S7)</td>
<td>Antrim</td>
</tr>
<tr>
<td>Finch Creek (T29N, R8W, S13)</td>
<td>Antrim</td>
</tr>
<tr>
<td>Bonnie Brook (T29N, R8W, S21)</td>
<td>Antrim</td>
</tr>
<tr>
<td>Spencer Creek (T29N, R8W, S28)</td>
<td>Antrim</td>
</tr>
<tr>
<td>Cedar River (T30N, R7W, S20)</td>
<td>Antrim</td>
</tr>
<tr>
<td>Cold Creek (T29N, R7W, S7)</td>
<td>Antrim</td>
</tr>
<tr>
<td>Shanty Creek (T29N, R7W, S7)</td>
<td>Antrim</td>
</tr>
<tr>
<td>Eastport Creek from Mouth (T31N, R8E, S31)</td>
<td>Antrim</td>
</tr>
</tbody>
</table>

**Intermediate River from Lake Bellaire (T30N, R7W, S31) up to Bellaire (Intermediate River) Dam**

**Intermediate Lake Area chain of lakes**

<table>
<thead>
<tr>
<th>Stream</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skinner Creek (T32N, R8W, S13)</td>
<td>Antrim, Charlevoix</td>
</tr>
<tr>
<td>Mason Creek (T32N, R8W, S11)</td>
<td>Antrim, Charlevoix</td>
</tr>
</tbody>
</table>
LOWER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

Stream
Marion Creek (T32N, R8W, S2)
Fisk Creek (T30N, R8W, S1)
Ogletree Creek (T31N, R8W, S11)
Intermediate River (T31N, R7W, S28)
Benway Creek (T31N, R8W, S11)
King Creek (T32N, R8W, S35)
Liscon Creek (T32N, R7W, S30)
Openo Creek (T30N, R7W, S6)
Vance Creek (T31N, R7W, S5)
Von Stratten Creek (T31N, R8W, S2)
Unnamed Tributary to Dingman River (T31N, R7W, S8)

Lake of the Woods Tributaries
Saloon Creek (T29N, R7W, S17)
Unnamed Creek (T29N, R7W, S17)

Coastal Streams between Bear River and the Antrim - Grand Traverse County Line
All streams tributary to Lake Michigan

EXCEPT:
Pine River Channel (L. Charlevoix outlet)
Medusa Creek

Elk Lake - Skegemog Area
Williamsburg Creek (T28N, R9W, S27)
Battle Creek (T28N, R9W, S26)
Barker Creek (T28N, R8W, S30)
Desmond Creek (T28N, R8W, S29)
Vargason Creek (T28N, R8W, S28)
Four Unnamed Creeks (T28N, R8W, S29)
Rapid River and tributary (T28N, R8W, S6)
Torch River (T28N, R8W, S18)

Coastal Streams of East & West Arms, Grand Traverse Bay
Yuba Creek (T28N, R10W, S13)
Acme Creek (T28N, R10W, S34)
Mitchell Creek (T27N, R10W, S7)
Bakers (4 Mile) Creek (T27N, R10W, S9)
Unnamed Creek (T28N, R10W, S19)
Unnamed Creek (T28N, R10W, S17)
Unnamed Creek (T29N, R10W, S32)

Boardman River Basin
Boardman River (T27N, R11W, S2) EXCEPT:
Boardman Lake (T27N, R11W, S10, 11, 14, 15)
Sabin Hydro Pond (T27N, R11W, S27)
Boardman Hydro Pond (T27N, R11W, S34; T26N, R11W, S3)
Kids Creek (T27N, R11W, S3)
LOWER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

Stream
- Unnamed Creek (T27N, R11W, S22)
- Unnamed Creek (T27N, R11W, S27)
- Unnamed Creek (T26N, R11W, S3)
- Jaxon Creek (T26N, R11W, S13)
- Unnamed Creek (T26N, R11W, S14)
- Swainston Creek (T26N, R10W, S21)
- Fast Creek (T26N, R10W, S21)
- Twenty-Two Creek (T26N, R9W, S18)
- Hannas Creek (T26N, R9W, S9)
- South Branch Boardman River (T26N, R9W, S3)

County
- Grand Traverse
- Grand Traverse
- Grand Traverse
- Grand Traverse
- Grand Traverse
- Grand Traverse
- Grand Traverse
- Grand Traverse
- Grand Traverse
- Grand Traverse, Kalkaska

North Branch Boardman River (T26N, R9W, S3) EXCEPT:
  Boardman Mill Pond from the dam upstream to
  Kettle Lake Road (T27N, R7W, S16)

County
- Grand Traverse, Kalkaska

Coastal Streams of Leelanau County between Greilickville and Leland River
- Unnamed Creek (T28N, R11W, S33) trib. to Cedar Lake
- Cedar or Hines Creek (T28N, R11W, S28)
- Unnamed Creek (T28N, R11W, S28) trib. to Cedar Lake
- Cedar Lake Outlet (T28N, R11W, S28) from Lake

Michigan upstream to dam
- Three Unnamed Creeks (T28N, R11W, S20) tributary to Cedar Lake
- Lee Creek (T29N, R11W, S10)
- Leo Creek (T30N, R11W, S28)
- Belanger Creek (T30N, R11W, S10)
- Weaver Creek (T31N, R11W, S35)
- Unnamed Creek (T31N, R11W, S14)
- Ennis Creek (T31N, R11W, S11)
- Northport Creek (T32N, R11W, S34)
- Roaring Brook (T31N, R11W, S7)
- Gill’s Creek (T31N, R11W, S18)
- Unnamed Creek (T31N, R11W, S7)
- Unnamed Creek (T31N, R12W, S24)
- Leland River from mouth (T31N, R12W, S9) upstream
  to Leland Dam

County
- Leelanau
- Leelanau
- Leelanau
- Leelanau
- Leelanau
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- Leelanau
- Leelanau
- Leelanau

Tributaries to Lake Leelanau
- Houdek Creek (T31N, R12W, S35)
- Beaudwin Creek (T30N, R12W, S24)
- Melbert Creek (T29N, R12W, S13)
- Belnap Creek (T28N, R12W, S12)
- Unnamed Creek (T28N, R12W, S11)
- Weisler Creek (T28N, R12W, S10)
- Solon or Cedar Run Creek (T28N, R12W, S9)
- Cedar Creek (T28N, R12W, S5)
- Clearbrook Creek (T28N, R12W, S9)
- Two Unnamed Creeks (T28N, R12W, S8)
- Rice Creek (T29N, R12W, S35)
LOWER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

Stream

- Unnamed Creek (T29N, R12W, S14)
- Unnamed Creek (T29N, R12W, S11)
- Unnamed Creek (T29N, R12W, S23)
- Two Unnamed Creeks (T30N, R12W, S23)

County

- Leelanau
- Leelanau
- Leelanau
- Leelanau

Coastal Streams between Leland River (Leelanau County) and Platte River (Benzie County)

- Two Unnamed Creeks (T30N, R12W, S29)
- Unnamed Creek (T30N, R12W, S32)
- Good Harbor Creek (T29N, R13W, S1)
- Shalda or Sucker Creek (T29N, R13W, S4) EXCEPT:
  - Narada Lake Outlet
- Lime Creek (T29N, R13W, S26)
- Three Unnamed Creeks (T29N, R13W, S26)
- Crystal River (T29N, R14W, S14) and tributaries to Glen Lake EXCEPT:
  - The portion between Fisher Dam (S24) and Glen Lake
- Unnamed Creek (T28N, R14W, S18)
- Otter Creek (T27N, R14W, S12)

County

- Leelanau
- Leelanau
- Leelanau
- Leelanau
- Leelanau
- Leelanau
- Benzie

Platte River Basin

- Platte River (T27N, R15W, S30) EXCEPT:
  - Unnamed Creek (T26N, R13W, S4)
  - Lower Woodcock Lake Outlet (T27N, R13W, S28)
  - Harvey Lake Outlet (T27N, R13W, S28)
- Unnamed Creek (T26N, R15W, S12)
- North Branch Platte River (T26N, R15W, S1)
- Collison Creek (T26N, R14W, S16)
- Carter Creek (T26N, R14W, S15)
- Brundage Creek (T26N, R13W, S7)
- Sherman Creek (T27N, R13W, S35)

County

- Benzie
- Benzie
- Benzie
- Benzie
- Benzie
- Benzie
- Benzie
- Benzie
- Benzie
- Benzie

Betsie River Basin

- Betsie River (T26N, R16W, S35), EXCEPT:
  - The portion upstream from the Grass Lake Flooding Dam

County

- Benzie, Manistee, Grand Traverse
- Benzie, Grand Traverse
- Benzie
- Benzie
- Benzie
- Benzie
- Benzie
- Benzie
- Benzie
- Benzie
- Grand Traverse
- Grand Traverse
- Grand Traverse

<table>
<thead>
<tr>
<th>Stream</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unnamed Creek (T29N, R12W, S14)</td>
<td>Leelanau</td>
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<tr>
<td>Unnamed Creek (T29N, R12W, S11)</td>
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<tr>
<td>Unnamed Creek (T29N, R12W, S23)</td>
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</tr>
<tr>
<td>Two Unnamed Creeks (T30N, R12W, S23)</td>
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<td>Two Unnamed Creeks (T30N, R12W, S29)</td>
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</tr>
<tr>
<td>Unnamed Creek (T30N, R12W, S32)</td>
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</tr>
<tr>
<td>Good Harbor Creek (T29N, R13W, S1)</td>
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</tr>
<tr>
<td>Shalda or Sucker Creek (T29N, R13W, S4)</td>
<td>Leelanau</td>
</tr>
<tr>
<td>Narada Lake Outlet</td>
<td>Leelanau</td>
</tr>
<tr>
<td>Lime Creek (T29N, R13W, S26)</td>
<td>Leelanau</td>
</tr>
<tr>
<td>Three Unnamed Creeks (T29N, R13W, S26)</td>
<td>Leelanau</td>
</tr>
<tr>
<td>Crystal River (T29N, R14W, S14) to Glen Lake</td>
<td>Leelanau</td>
</tr>
<tr>
<td>Unnamed Creek (T28N, R14W, S18)</td>
<td>Leelanau</td>
</tr>
<tr>
<td>Otter Creek (T27N, R14W, S12)</td>
<td>Benzie</td>
</tr>
<tr>
<td>Platte River (T27N, R15W, S30)</td>
<td>Benzie</td>
</tr>
<tr>
<td>Unnamed Creek (T26N, R13W, S4)</td>
<td>Benzie</td>
</tr>
<tr>
<td>Lower Woodcock Lake Outlet (T27N, R13W, S28)</td>
<td>Benzie</td>
</tr>
<tr>
<td>Harvey Lake Outlet (T27N, R13W, S28)</td>
<td>Benzie</td>
</tr>
<tr>
<td>Unnamed Creek (T26N, R15W, S12)</td>
<td>Benzie</td>
</tr>
<tr>
<td>North Branch Platte River (T26N, R15W, S1)</td>
<td>Benzie</td>
</tr>
<tr>
<td>Collison Creek (T26N, R14W, S16)</td>
<td>Benzie</td>
</tr>
<tr>
<td>Carter Creek (T26N, R14W, S15)</td>
<td>Benzie</td>
</tr>
<tr>
<td>Brundage Creek (T26N, R13W, S7)</td>
<td>Benzie</td>
</tr>
<tr>
<td>Sherman Creek (T27N, R13W, S35)</td>
<td>Benzie</td>
</tr>
<tr>
<td>Betsie River (T26N, R16W, S35)</td>
<td>Benzie, Manistee, Grand Traverse</td>
</tr>
<tr>
<td>Crystal Lake Outlet (T26N, R15W, S29)</td>
<td>Benzie</td>
</tr>
<tr>
<td>Cold Creek (T26N, R15W, S26)</td>
<td>Benzie</td>
</tr>
<tr>
<td>North Branch Cole Creek (T26N, R15W, S23)</td>
<td>Benzie</td>
</tr>
<tr>
<td>Rice Creek (T26N, R15W, S34)</td>
<td>Benzie</td>
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<tr>
<td>Dair Creek (T25N, R14W, S19)</td>
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<tr>
<td>Two Unnamed Creeks (T24N, R14W, S8)</td>
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</tr>
<tr>
<td>Two Unnamed Creeks (T24N, R14W, S9)</td>
<td>Benzie</td>
</tr>
<tr>
<td>Little Betsie River (T25N, R14W, S25)</td>
<td>Benzie</td>
</tr>
<tr>
<td>Unnamed Creek (T25N, R13W, S12) trib. to Twin Lake</td>
<td>Benzie</td>
</tr>
<tr>
<td>Mason Creek (T26N, R12W, S23)</td>
<td>Benzie</td>
</tr>
<tr>
<td>Unnamed Creek (T26N, R12W, S26) trib. to Duck Lake</td>
<td>Benzie</td>
</tr>
<tr>
<td>Horton Creek upstream from Youker Road (T25N, R12W, S3)</td>
<td>Grand Traverse</td>
</tr>
</tbody>
</table>
# LOWER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

<table>
<thead>
<tr>
<th>Stream</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coastal Streams between Betsie River (Benzie County) and Portage Lake Outlet (Manistee County)</td>
<td></td>
</tr>
<tr>
<td>Herring Creek (T2S N, R16W, S22)</td>
<td>Benzie</td>
</tr>
<tr>
<td>Bowens Creek (T2S N, R16W, S15)</td>
<td>Manistee</td>
</tr>
<tr>
<td>Unnamed Creek (T24N, R16W, S33)</td>
<td>Manistee</td>
</tr>
<tr>
<td>All Tributaries of Portage Lake (T23N, R16W)</td>
<td>Manistee</td>
</tr>
<tr>
<td><strong>Manistee River Basin</strong></td>
<td></td>
</tr>
<tr>
<td>Manistee River (T21N, R17W, S1) <em>EXCEPT:</em></td>
<td></td>
</tr>
<tr>
<td><em>Portions between Tippy Dam and Redbridge, between Hodenpyle Dam and M-115,</em> and the following tributaries:</td>
<td></td>
</tr>
<tr>
<td>Unnamed Creek (T22N, R16W, S31)</td>
<td>Manistee</td>
</tr>
<tr>
<td>Unnamed Creek (T21N, R16W, S6)</td>
<td>Manistee</td>
</tr>
<tr>
<td>Unnamed Creek (T21N, R16W, S5)</td>
<td>Manistee</td>
</tr>
<tr>
<td>Claybank Bayou (T21N, R16W, S3)</td>
<td>Manistee</td>
</tr>
<tr>
<td>Borski Bayou (T22N, R15W, S29)</td>
<td>Manistee</td>
</tr>
<tr>
<td>Unnamed Creek (T23N, R13W, S24)</td>
<td>Manistee</td>
</tr>
<tr>
<td>Walton Outlet Creek upstream from railroad bridge in T24N, R9W, S4</td>
<td>Wexford, Grand Traverse, Missaukee, Kalkaska, Crawford, Otsego, Antrim</td>
</tr>
<tr>
<td>Claybank Creek upstream from Claybank Lake (T21N, R16W, S2)</td>
<td></td>
</tr>
<tr>
<td>Chief Creek (T22N, R15W, S21)</td>
<td>Manistee</td>
</tr>
<tr>
<td>Bear Creek (T22N, R15W, S22) <em>EXCEPT:</em></td>
<td></td>
</tr>
<tr>
<td>Unnamed Creek (T22N, R14W, S20)</td>
<td>Manistee</td>
</tr>
<tr>
<td>Unnamed Creek (T22N, R14W, S7)</td>
<td>Manistee</td>
</tr>
<tr>
<td>Boswell Creek upstream from Highbridge Road (T22N, R14W, S9)</td>
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</tr>
<tr>
<td>Healy Lake Outlet (T24N, R14W, S33)</td>
<td>Manistee</td>
</tr>
<tr>
<td>Pine Creek (T22N, R15W, S36)</td>
<td></td>
</tr>
<tr>
<td>Sickle Creek (T22N, R15W, S20)</td>
<td>Manistee</td>
</tr>
<tr>
<td>Sylvan Creek (T21N, R14W, S6)</td>
<td></td>
</tr>
<tr>
<td>Pine River upstream from Highway M-55 (T21N, R13W, S17) and all tributaries</td>
<td>Manistee, Wexford, Lake</td>
</tr>
<tr>
<td>Pine River, North &amp; East Branch and all tributaries (T20N, R10W, S29)</td>
<td></td>
</tr>
<tr>
<td>Rose Lake Outlet and all tributaries from confluence with the East Branch of Pine River to US-131 (T20N, R10W, S24)</td>
<td>Osceola, Lake</td>
</tr>
<tr>
<td>Beaver Creek (T15N, R10W, S7) <em>EXCEPT:</em></td>
<td></td>
</tr>
<tr>
<td>Little Beaver Creek in T19N, R10W, S19</td>
<td></td>
</tr>
<tr>
<td>Sprague Creek (T20N, R10W, S32)</td>
<td>Osceola</td>
</tr>
<tr>
<td>Peterson Creek (T22N, R13W, S27)</td>
<td>Osceola</td>
</tr>
<tr>
<td>Hinton Creek (T22N, R13W, S23)</td>
<td>Osceola</td>
</tr>
<tr>
<td>Arguilla Creek (T22N, R13W, S23)</td>
<td>Osceola</td>
</tr>
<tr>
<td>Unnamed Creek (T22N, R13W, S23)</td>
<td>Osceola</td>
</tr>
<tr>
<td>Blind or Cedar Creek (T22N, R13W, S14)</td>
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</tr>
<tr>
<td>Slagle Creek (T22N, R13W, S11)</td>
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</tbody>
</table>
LOWER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

Stream | County
--- | ---
Two Unnamed Creeks (T23N, R13W, S25) | Manistee
Unnamed Creek (T11N, R13W, S2) | Manistee
Seafan Creek (T23N, R12W, S30) | Wexford
Tar Creek (T23N, R12W, S30) | Wexford
Small Creek (T23N, R12W, S21) | Wexford
Cripple Creek (T23N, R12W, S16) | Wexford
Unnamed Creek (T23N, R12W, S15) | Wexford
Fletcher Creek (T23N, R12W, S10) | Wexford
Preston Creek (T23N, R12W, S11) | Wexford
Unnamed Creek (T23N, R12W, S11) | Wexford
Burkett Creek (T23N, R12W, S1) | Wexford
Unnamed Creek (T24N, R12W, S36) | Wexford
Wheeler Creek (T24N, R12W, S36) EXCEPT: Portion upstream from the dam in T24N, R11W, S8 | Wexford
Cole Creek (T24N, R11W, S32) | Wexford
Two Unnamed Creeks (T24N, R11W, S28) | Wexford
Adams Creek (T24N, R11W, S27) | Wexford
Anderson Creek (T24N, R11W, S22) | Wexford
Soper Creek (T24N, R11W, S24) | Wexford
Filer Creek (T24N, R11W, S24) | Wexford
Blind Creek (T24N, R10W, S18) | Wexford
Apple Creek (T24N, R10W, S18) | Wexford
Two Unnamed Creeks (T24N, R10W, S16) | Wexford
Unnamed Creek (T24N, R10W, S3) | Wexford
Unnamed Creek (T24N, R10W, S2) | Wexford
Silver Creek (T24N, R10W, S9) | Wexford
Buttermilk Creek (T24N, R10W, S11) | Wexford
Manton Creek (T2N, R9W, S8) | Wexford, Grand Traverse
Chase Creek (T24N, R9W, S13) | Wexford
Morrissy Creek (T24N, R9W, S12) | Wexford
Hopkins Creek (T24N, R8W, S7) | Missaukee
Bourne Creek (T25N, R8W, S33) | Kalkaska
Ham Creek (T25N, R8W, S33) | Missaukee, Kalkaska
Spring Creek (T25N, R8W, S27) | Kalkaska
Nelson Creek (T25N, R7W, S30) | Kalkaska
Filer Creek (T25N, R7W, S33) | Kalkaska
Waterhole Creek (T25N, R7W, S28) | Kalkaska
Little Cannon Creek (T25N, R7W, S27) | Kalkaska
Silver Creek (T25N, R7W, S26) | Kalkaska
Maple Creek (T25N, R7W, S12) | Kalkaska
Pierson Creek (T26N, R7W, S36) | Kalkaska
North Branch Manistee River and all tributaries (T25N, R6W, S6) | Kalkaska
Big Cannon Creek (T25N, R6W, S6) | Kalkaska
Little Devil Creek (T25N, R6W, S5) | Kalkaska
Devil Creek (T25N, R6W, S5) | Kalkaska
LOWER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

Stream

Black Creek (T26N, R5W, S29)
Clear Creek (T26N, R5W, S29)
Portage Creek (T26N, R5W, S21) EXCEPT:
  Portion upstream from the Kalkaska/Crawford County Line
Goose Creek (T27N, R4W, S20)
Frenchman Creek (T29N, R4W, S31)
Little Manistee River (T21N, R16W, S20)

Unnamed Creek (T25N, R7W, S12)
Willow Creek (T25N, R6W, S6)

Coastal Streams between Manistee River (Manistee County) and Big Sable River (Mason County)

Magoon Creek (T21N, R17W, S28)
Unnamed Creek (T20N, R17W, S6)
Gurney Creek (T20N, R17W, S6)
Cooper Creek (T20N, R18W, S13)
Unnamed Creek (T21N, R17W, S33)

Big Sable River Basin

Davis Creek (T20N, R17W, S33)
Big Sable River (T19N, R18W, S19) EXCEPT:
  Hamlin Lake and the following tributaries:
    Unnamed Creek T19N, R18W, S19
    Unnamed Creek (T19N, R18W, S14)
    Two Unnamed Creeks (T19N, R17W, S7)
    Dennis Creek (T19N, R17W, S5) and tributaries
    Riffers Creek (T20N, R16W, S21)
    Muckwa Creek (T19N, R15W, S2)
    Black Creek (T19N, R15W, S1)
    Unnamed Creek (T19N, R15W, S2)
    Pleasu Lake Outlet (T19N, R14W, S7)
Freeman Creek (T20N, R17W, S27)
Little Sable River (T19N, R15W, S12) EXCEPT:
  Portion upstream from Millerton Road in T19N, R15W, S13
  and tributary stream in T19N, R15W, S12
Twin Lakes Creek (T19N, R14W, S30)
McCarthy Creek (T19N, R14W, S15)
Bloody Run Creek (T19N, R14W, S2)

Lincoln River Basin

Lincoln River (T18N, R18W, S4) EXCEPT:
  Lincoln Lake
  Unnamed Creek (T18N, R18W, S1)
North Branch Lincoln River (T19N, R17W, S32) EXCEPT:
  That portion upstream from Custer Road Bridge (T19N, R16W, S9)
South Branch Lincoln River (T19N, R17W, S32) EXCEPT:
  Unnamed Creek (T19N, R16W, S30)
  Unnamed Creek (T19N, R16W, S33)
### LOWER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

<table>
<thead>
<tr>
<th>Stream</th>
<th>County</th>
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<tbody>
<tr>
<td><em>Pere Marquette River Basin</em></td>
<td></td>
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<tr>
<td>Pere Marquette River (T18N, R18W, S26) <em>EXCEPT:</em></td>
<td>Lake, Mason</td>
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<tr>
<td>Mosquito Creek (T18N, R18W, S25)</td>
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<td>St. Clair Creek (T18N, R17W, S30)</td>
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<td>Swanson Creek (T18N, R18W, S25)</td>
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<tr>
<td>Unnamed Creek (T17N, R17W, S32)</td>
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<tr>
<td>Lichte Creek (T18N, R17W, S32)</td>
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<tr>
<td>Two Unnamed Creeks (T18N, R17W, S28)</td>
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<td>Unnamed Creek (T18N, R17W, S34)</td>
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<td>India Creek (T18N, R17W, S25)</td>
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<tr>
<td>Unnamed Creek (T18N, R17W, S24)</td>
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<td>Two Unnamed Creeks (T18N, R16W, S19)</td>
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<td>Unnamed Creek (T18N, R16W, S21)</td>
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<td><em>Swan Creek (T18N, R17W, S34) EXCEPT:</em></td>
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<tr>
<td>Unnamed Creek (T18N, R17W, S35)</td>
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<td>Unnamed Creek (T17N, R17W, S2)</td>
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<tr>
<td>Unnamed Creek (T17N, R16W, S6)</td>
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<tr>
<td>Unnamed Creek (T17N, R17W, S1) east of Appleton Road</td>
<td>Mason</td>
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<tr>
<td><em>Black Creek (T18N, R16W, S22)</em></td>
<td>Mason</td>
</tr>
<tr>
<td>Big South Branch Pere Marquette River (T18N, R16W, S22) <em>EXCEPT:</em></td>
<td>Mason, Oceana, Newaygo</td>
</tr>
<tr>
<td>Unnamed Creek (T18N, R16W, S36)</td>
<td>Mason</td>
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<tr>
<td>Unnamed Creek (T17N, R15W, S23)</td>
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<td>Unnamed Creek (T17N, R15W, S26)</td>
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<tr>
<td>Unnamed Creek (T16N, R15W, S1)</td>
<td>Oceana</td>
</tr>
<tr>
<td>Triple Lakes Creek (T16N, R14W, S36)</td>
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<tr>
<td>Beaver Creek (T15N, R14W, S11)</td>
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<tr>
<td>Woodland Lake Outlet (T15N, R13W, S17)</td>
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<td>Mill Lake Outlet (T16N, R13W, S34)</td>
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<td>Cedar Creek (T16N, R13W, S3) upstream from Woodbridge Road</td>
<td>Newaygo</td>
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<tr>
<td>Weldon Creek (T18N, R16W, S24) <em>EXCEPT:</em></td>
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<tr>
<td>Tributary stream in T18N, R15W, S7</td>
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<tr>
<td><em>Tank Creek (T18N, R14W, S29)</em></td>
<td>Lake</td>
</tr>
<tr>
<td>Sweetwater Creek (T18N, R14W, S28)</td>
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<tr>
<td>Kinney Creek (T18N, R14W, S34)</td>
<td>Lake</td>
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<tr>
<td>Danaher Creek (T17N, R13W, S18)</td>
<td>Lake</td>
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<tr>
<td>Unnamed Creek (T18N, R14W, S28)</td>
<td>Lake</td>
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<tr>
<td>Unnamed Creek (T17N, R14W, S2)</td>
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<td><em>Baldwin River (T17N, R13W, S16) EXCEPT:</em></td>
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<tr>
<td>Leverenz Lake Outlet in T18N, R13W, S35</td>
<td>Lake</td>
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<tr>
<td><em>Middle Branch Pere Marquette River (T17N, R13W, S22)</em></td>
<td>Lake</td>
</tr>
<tr>
<td><em>EXCEPT:</em> North Lake Outlet (T17N, R13W, S14)</td>
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<tr>
<td>Thompson's Spring Outlet (T17N, R12W, S18)</td>
<td>Lake</td>
</tr>
<tr>
<td>Switzer Lake Outlet (T17N, R12W, S17)</td>
<td>Lake</td>
</tr>
<tr>
<td>Unnamed Creek (T17N, R12W, S10)</td>
<td>Lake</td>
</tr>
<tr>
<td>Little South Branch Pere Marquette River (T17N, R13W, S22)</td>
<td>Lake, Newaygo</td>
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</table>

Tributaries of Bass Lake

125
<table>
<thead>
<tr>
<th>Stream</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kibby Creek (T17N, R18W, S25)</td>
<td>Mason</td>
</tr>
</tbody>
</table>

**Pentwater River Basin**

Pentwater River (T16N, R17W, S30) *EXCEPT:*

- Hart Lake and the following tributaries:
  - Unnamed Creek (T15N, R17W, S1)
  - Unnamed Creek (T15N, R17W, S10)

North Branch Pentwater River (T16N, R18W, S25)

- Watson Creek (T16N, R17W, S30)
- Lambricks Creek (T16N, R17W, S31)
- Russell Creek (T15N, R17W, S17)

South Branch Pentwater River (T15N, R17W, S10) *EXCEPT:*

- Unnamed Creek (T15N, R17W, S11)
- Unnamed Creek (T13N, R17W, S1)
- Leavitt Lake Outlet (T15N, R16W, S13)
- Unnamed Creek (T15N, R17W, S36)

**Coastal Streams between Pentwater River (Oceana County) and Silver Creek (Oceana County)**

- Unnamed Creek (T16N, R18W, S33)

**Silver Creek Basin**

- Silver Creek (T15N, R19W, S35)

The following tributaries to Silver Lake:

- AuSable Creek (T15N, R18W, S29) *EXCEPT:*
  - *Portion upstream from the dam in S20*

- Hunter Creek (T15N, R18W, S29)

**Stony Lake Tributaries**

- Stony Creek (T14N, R18W, S33) *EXCEPT:*
  - Four Unnamed Creeks (T14N, R18W, S33)
  - Unnamed Creek (T14N, R18W, S35)
  - Burke Creek (T14N, R18W, S26)
  - Two Unnamed Creeks (T14N, R18W, S25)

- Dorrance Creek (T14N, R17W, S29) *upstream from Water Avenue*

**Coastal Streams between Stony Creek (Oceana County) and White River (Muskegon County)**

- Unnamed Creek (T13N, R18W, S28)

Flower Creek (T13N, R18W, S33) *EXCEPT:*

- *Portion upstream from Wilke Road in T13N, R18W, S14*

- Little Flower Creek (T12N, R11W, S10)

**White River Basin**

- Strawberry Creek (T11N, R17W, S7)
- Birch Brook (T11N, R17W, S5)
- Unnamed Creek (T11N, R17W, S5)
- Mill Pond Creek (T12N, R17W, S33)
LOWER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

Stream

Unnamed Creek (T12N, R17W, S33)
White River (T12N, R17W, S21)
EXCEPT:
  White Cloud Lake and following tributaries:
    Two Unnamed Creeks (T14N, R14W, S27)
    Unnamed Creek (T14N, R14W, S23)
    Unnamed Creek (T14N, R13W, S30)
    Delong Creek (T14N, R13W, S30)
    Unnamed Creek (T14N, R13W, S31)
    Robinson Creek (T14N, R13W, S32)
Silver Creek (T12N, R17W, S14)
Carlton Creek (T12N, R17W, S11) EXCEPT:
  Lake Sixteen Outlet (T13N, R17W, S16)
  Big and Little Wildcat Lake Outlets (T13N, R17W, S17, 20, 21)
Cleveland Creek (T12N, R16W, S9)
Sand Creek (T13N, R16W, S32)
Unnamed Creek (T13N, R16W, S33)
North Branch White River (T13N, R16W, S25) EXCEPT:
  Portion upstream from Walnut Ave. (T14N, R15W, S2) and
  the following tributaries:
    Unnamed Creek (T13N, R16W, S2)
    Robinson Creek (T14N, R16W, S18)
      upstream from bridge
    Unnamed Creek (T14N, R16W, S2) upstream
      from Buchanan Road
    Cobmoosa Creek (T15N, R16W, S35)
      upstream from Baseline Road
    Unnamed Creek (T14N, R15W, S8)
    Darlington Lake Outlet (T14N, R15W, S9)
Skeel Creek (T13N, R15W, S30)
Cushman Creek (T13N, R15W, S21) EXCEPT:
  Lost Lake Outlet (T13N, R15W, S22)
    Unnamed Creek (T13N, R15W, S23)
Braton Creek (T13N, R15W, S3) EXCEPT:
  Portion upstream from the forks in T13N, R15W,
  S11, including tributaries
  Taylor Brook (T13N, R15W, S2)
  Wrights Creek (T14N, R14W, S29)
  Martin Creek (T14N, R14W, S22)
  Mena Creek (T14N, R14W, S24)
  First Cole Creek (T14N, R13W, S33)
  Second Cole Creek (T14N, R13W, S34)
  Rattlesnake Creek (T13N, R13W, S2)
  Flinton Creek (T14N, R12W, S33)
  Five Mile Creek (T14N, R12W, S33)
  Mullen Creek (T14N, R12W, S16) EXCEPT:
    The portion upstream from 6 Mile Road in T15N,
    R12W, S34 and following tributaries:
LOWER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

Stream

Unnamed Creek (T14N, R12W, S16)
Unnamed Creek (T14N, R12W, S10)
Two Unnamed Creeks (T14N, R12W, S3)

County
Newaygo
Newaygo
Newaygo

Coastal Streams between White River and Muskegon River
All tributaries to Duck Lake (T11N, R18W, S24) Muskegon

Muskegon River Basin

Little Bear Creek (T10N, R16W, S8)
Cedar Creek (T10N, R16W, S18)
Muskegon River and all tributaries from
T10N, R16W, S18 to T12N, R11W, S18
Little Muskegon River (T12N, R11W, S16)

Muskegon
Muskegon
Muskegon, Newaygo
Newaygo,
Montcalm,
Mecosta
Montcalm
Newaygo,
Montcalm
Montcalm

EXCEPT: Amble Drain

Tamarack Creek (T12N, R11W, S14)
Rice Creek from T11N, R10W, S3 downstream to
confluence with Tamarack Creek
Unnamed Creek (T12N, R9W, S29)
Unnamed Creek from T12N, R9W, S31 upstream to T11N, R9W, S3
Unnamed Creek (T12N, R8W, S5)
Handy Creek (T12N, R10W, S17)
Unnamed Creek (T12N, R10W, S10)
Unnamed Creek (T12N, R10W, S3)
Big Creek & all tributaries (T13N, R10W, S25)
Quigley Creek (T13N, R9W, S21)
Unnamed Creek (T13N, R8W, S18)
Unnamed Creek (T13N, R8W, S7)
Sylvestor Creek (T13N, R8W, S7)
Shinglebolt Creek (T13N, R8W, S5)
Unnamed Creek (T14N, R9W, S31)
Schrader Creek (T14N, R8W, S14)
Dye Creek (T14N, R8W, S11)
Unnamed Creek (T15N, R8W, S36)
Gilbert Creek (T14N, R8W, S4)
Burden Lake Creek (T14N, R8W, S7)
Dead Stream (T14N, R8W, S8)
Rosy Run Creek (T13N, R10W, S19)
South Mitchell Creek (T13N, R10W, S7)
Bennett Creek (T14N, R10W, S30)
Betts Creek (T14N, R10W, S20)
Ladner Creek (T14N, R10W, S15)
Macks Creek (T14N, R10W, S14) and tributaries
Cold Spring Creek (T14N, R10W, S2)
Byers Creek (T15N, R9W, S31)
Higgins River (T15N, R10W, S24)
Haymarsh Creek (T16N, R9W, S23)
Mitchell Creek (T15N, R10W, S15)
LOWER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

<table>
<thead>
<tr>
<th>Stream</th>
<th>County</th>
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<tbody>
<tr>
<td>Paris Creek (T16N, R10W, S16) and tributaries</td>
<td>Mecosta, Newaygo</td>
</tr>
<tr>
<td>Dalziel Creek (T16N, R10W, S28)</td>
<td>Mecosta, Newaygo</td>
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<td>Palmer Creek (T16N, R10W, S23)</td>
<td>Mecosta</td>
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<tr>
<td>Muskegon River from T16N, R10W, S15 (Hoover Road) upstream to US-10</td>
<td>Mecosta, Osceola</td>
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<td>Cheney Creek (T16N, R10W, S9)</td>
<td>Mecosta</td>
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<tr>
<td>Buckhorn Creek (T16N, R10W, S9)</td>
<td>Mecosta, Osceola</td>
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<td>Sanborn Creek (T16N, R10W, S3)</td>
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<td>Blodgett Creek (T16N, R9W, S7)</td>
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<td>No Name Creek (T4N, R10W, S12)</td>
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<td>Little Beaver Creek - north line of T19N, R10W, S19 to confluence of Big Beaver Creek T19N, R10W, S18</td>
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<td>Pogy Creek (T16N, R9W, S5)</td>
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<td>Hersey River - from its confluence with the Muskegon River (T17N, R9W, S9)</td>
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<td>Unnamed Creek (T17N, R10W, S24)</td>
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<td>Unnamed Creek (T17N, R10W, S13 NE/NW/SW)</td>
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<td>Johnson Creek (T17N, R10W, S9)</td>
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<td>Lawrence Creek (T18N, R10W, S33)</td>
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<td>Kinney Creek (T18N, R10W, S29)</td>
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<td>Burt Creek (T18N, R10W, S17)</td>
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<td>Unnamed Creek (T18N, R10W, S17)</td>
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<td>Lincoln Creek from its mouth (T18N, R10W, S29) to US-31 (T18N, R10W, S28)</td>
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<td>Kissinger Creek (T18N, R10W, S8)</td>
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<td>Three Unnamed Creeks (T18N, R10W, S5)</td>
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<td>East Branch Hersey Creek (T18N, R10W, S20)</td>
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<td>Olson Creek (T18N, R10W, S3)</td>
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<td>McKinstry Creek (T17N, R9W, S17)</td>
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<td>Thresher Creek (T17N, R9W, S17)</td>
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<td>Hewitt Creek (T17N, R10W, S5)</td>
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<td>Unnamed Creek (T18N, R8W, beginning in S23 downstream limit S25)</td>
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<td>E. Branch Little Muskegon River (T14N, R8W, S28)</td>
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<td>Beebe Creek (T20N, R8W, S27)</td>
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<td>Crocker Creek (T20N, R8W, S25)</td>
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<td>Chippewa Creek (T18N, R8W, S27)</td>
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<td>Posted Creek (T18N, R8W, S28)</td>
<td>Osceola</td>
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LOWER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

Stream

Unnamed Creek (T:8N, R8W, S24)
Hoffineyer Creek (T18N, R7W, S19)
Whetstone Creek (T18N, R7W, S15)
Grindstone Creek (T19N, R7W, S32)
Kinney Creek (T18N, R7W, S10)
Middle Branch River (T18N, R7W, S1) to (T20N, R7W, S33)
Middle Branch River (T20N, R7W, S21 above Marion Pond)
Giss-I-Was Creek (T19N, R6W, S30)
Dishwash Creek (T19N, R6W, S16)
Whiskey Creek (T19N, R6W, S8)
Cranberry Creek (T20N, R5W, S20)
Clam River (T20N, R6W, S26) and all tributaries
  EXCEPT:
  Clam River upstream from County Line Road to Lake Cadillac
  West Branch Clam River (T20N, R6W, S22) and
  Falmouth Pond from the dam upstream to the west
  line of T21N, R7W, S1
Townline Creek from T20N, R4W, S10 upstream
Wolf Creek (T21N, R4W, S20) and tributaries
Butterfield Creek (T22N, R5W, S27)
West Branch Muskegon River (T23N, R6W, S25) upstream
Dead Stream from T24N, R5W, S35 upstream and tribus.
Cole Creek (T24N, R4W, S31)

All tributaries to Higgins Lake
Big Creek (T24N, R4W, S3)
Unnamed Creek (T25N, R4W, S35)
All tributaries of Mona Lake (T9N, R17W, S14)

Grand River Basin

Norris Creek and tributaries (T9N, R16W, S36)
Crockery Creek from T9N, R14W, S11 (Ravenna Bridge)
  upstream to T10N, R13W, S4
Sand Creek from its confluence with the Grand River (T7N, R13W, S33)
All tributaries to Lloyd's, Dean's, Pottawatomie,
  Millhouse, Stens and Robinson bayous
All tributaries to Grand River in Kent County EXCEPT:
  Flat and Thornapple Rivers and Plaster and Rush Creeks
All tributaries to Grand River in Ionia County EXCEPT:
  Stony, Sessions and Libhart Creeks and Flat, Maple
  and Looking Glass Rivers
Spires Creek (T7N, R5W, S18)
Prairie Creek from its confluence with the Grand River (T7N, R6W, S21)
Fish Creek from its confluence with the Maple River
  (T8N, R5W, S25)
Mackey Brook upstream from confluence with Sandstone
  Creek (T2S, R2W, S16)
Sebewa Creek from confluence with Grand River in Ionia Co.
  upstream to St. Joe Road Bridge (T4N, R6W, S14, 23)
# LOWER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

<table>
<thead>
<tr>
<th>Stream</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thornapple River Basin</td>
<td></td>
</tr>
<tr>
<td>Unnamed tributary (a.k.a. Schoolhouse, School, Cascade Creek) on west bank (T5N, R10W, S10) of Thornapple River, originating as outlets from Wood and Walden Lakes</td>
<td>Kent</td>
</tr>
<tr>
<td>Coldwater River (mainstream only) (T5N, R10W, S35) to M-43 bridge (T4N, R8W, S16)</td>
<td>Barry, Kent</td>
</tr>
<tr>
<td>Unnamed Tributary (T5N, R9W, S31)</td>
<td>Kent, Barry</td>
</tr>
<tr>
<td>Unnamed Tributary (T5N, R10W, S36)</td>
<td>Kent, Barry</td>
</tr>
<tr>
<td>Tyler Creek (T5N, R9W)</td>
<td>Kent</td>
</tr>
<tr>
<td>Bear Creek (T5N, R8W; T5N, R9W)</td>
<td>Kent, Ionia</td>
</tr>
<tr>
<td>Duck Creek (T5N, R8W; T5N, R9W)</td>
<td>Kent, Ionia</td>
</tr>
<tr>
<td>Cain Creek (T4N, R9W, S4)</td>
<td>Barry</td>
</tr>
<tr>
<td>Unnamed tributary on north bank of Coldwater River (T4N, R7W, S18)</td>
<td>Barry</td>
</tr>
<tr>
<td>Bassett Creek from Baker Lake to confluence with Thornapple River</td>
<td>Barry</td>
</tr>
<tr>
<td>Turner Creek from confluence with Baker Creek (T3N, R10W, S9) upstream to T3N, R10W, S23</td>
<td>Barry</td>
</tr>
<tr>
<td>Hill Creek (T3N, R10W, S2)</td>
<td>Barry</td>
</tr>
<tr>
<td>Glass Creek (T3N, R10W, S1)</td>
<td>Barry</td>
</tr>
<tr>
<td>Cedar Creek (T3N, R8W, S26)</td>
<td>Barry</td>
</tr>
<tr>
<td>High Banks Creek (T3N, R7W, S30) upstream to Lawrence Road (T2N, R8W, S12)</td>
<td>Barry</td>
</tr>
<tr>
<td>Buckson Creek (T3N, R7W, S34)</td>
<td>Barry</td>
</tr>
<tr>
<td>Quaker Brook (T3N, R7W, S35)</td>
<td>Barry</td>
</tr>
<tr>
<td>Flat River Basin</td>
<td>Montcalm</td>
</tr>
<tr>
<td>West Branch Creek (T10N, R8W, S4)</td>
<td>Ionia, Montcalm</td>
</tr>
<tr>
<td>Dickerson Creek from T8N, R8W, S1 upstream to T9N, R7W, S5</td>
<td>Kent</td>
</tr>
<tr>
<td>Butternut Creek (T10N, R9W, S34)</td>
<td>Kent</td>
</tr>
<tr>
<td>Page Creek (T7N, R9W, S24)</td>
<td>Montcalm</td>
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</table>

Coastal Streams between Grand River (Kent County) and Black River
(Ottawa County) at Holland

<table>
<thead>
<tr>
<th>Stream</th>
<th>County</th>
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<tbody>
<tr>
<td>Little Pigeon Creek (T7N, R16W, S28)</td>
<td>Ottawa</td>
</tr>
<tr>
<td>Pigeon Creek downstream from 120th Avenue (T6N, R16W, S12) to mouth (T6N, T16W, S15)</td>
<td>Ottawa</td>
</tr>
<tr>
<td>Ten Hagen Creek (T6N, R16W, S22)</td>
<td>Ottawa</td>
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Kalamazoo River Basin

<table>
<thead>
<tr>
<th>Stream</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mann Creek (T3N, R15W, S17)</td>
<td>Allegan</td>
</tr>
<tr>
<td>Rabbit River Mainstream from Kalamazoo River to US-131</td>
<td>Allegan</td>
</tr>
<tr>
<td>Bridge (T4N, R11W, S31)</td>
<td>Allegan</td>
</tr>
<tr>
<td>Silver Creek (T4N, R14W, S34)</td>
<td>Allegan</td>
</tr>
<tr>
<td>Miller Creek (T4N, R14W, S36)</td>
<td>Allegan</td>
</tr>
<tr>
<td>Unnamed Tributaries upstream from Miller Creek</td>
<td>Allegan</td>
</tr>
<tr>
<td>West Branch Pigeon Creek (T4N, R13W, S26) Mainstream only</td>
<td>Allegan</td>
</tr>
<tr>
<td>Big Rabbit River and tributaries from T4N, R11W, S31 (US-131) upstream to origin EXCEPT: Green Lake Creek</td>
<td>Allegan</td>
</tr>
<tr>
<td>All tributaries upstream of Miller Lake (T2N, R12W, S12)</td>
<td>Allegan</td>
</tr>
</tbody>
</table>
### LOWER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

<table>
<thead>
<tr>
<th>Stream</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bear Creek (T3N, R14W, S29)</td>
<td>Allegan</td>
</tr>
<tr>
<td>Sand Creek (T2N, R14W, S5)</td>
<td>Allegan</td>
</tr>
<tr>
<td>Swan Creek (T2N, R14W, S9) up to 109th Avenue (T1N, R14W, S7) EXCEPT:</td>
<td>Allegan</td>
</tr>
<tr>
<td></td>
<td>Swan Creek Pond (T2N, R14W, S17, 20)</td>
</tr>
<tr>
<td>Pine Creek Tributary (T1N, R12W, S29) upstream to 101st Avenue</td>
<td>Allegan</td>
</tr>
<tr>
<td>Pine Creek Tributary (Rupert Lake Drain) (T1N, R12W, S32)</td>
<td>Allegan</td>
</tr>
<tr>
<td>Pine Creek upstream from 101st Avenue (T1N, R12W, S32)</td>
<td>Allegan, Kalamazoo</td>
</tr>
<tr>
<td>Sand Creek (T1S, R12W, S30)</td>
<td>Allegan, Van Buren</td>
</tr>
<tr>
<td>Gun River (T1N, R11W, S18) (US-131) upstream to T2N, R11W, S12 (122nd Avenue) EXCEPT:</td>
<td>Allegan, Kalamazoo</td>
</tr>
<tr>
<td></td>
<td>Tributaries upstream from 118th Avenue</td>
</tr>
<tr>
<td>Chart Creek (T1N, R11W, S32) EXCEPT:</td>
<td>Allegan</td>
</tr>
<tr>
<td></td>
<td>East Branch, Chart Creek (T1N, R11W, S31)</td>
</tr>
<tr>
<td>All Fish Lake tributaries (T2N, R10W, S16, 21)</td>
<td>Barry</td>
</tr>
<tr>
<td>Silver Creek (T1S, R11W, S4)</td>
<td>Allegan, Kalamazoo</td>
</tr>
<tr>
<td>Demming Creek (T1S, R11W, S3)</td>
<td>Kalamazoo</td>
</tr>
<tr>
<td>Unnamed Tributary to Kalamazoo River (T1S, R11W, S15)</td>
<td>Kalamazoo</td>
</tr>
<tr>
<td>Cooper Glen Creek (T1S, R11W, S27)</td>
<td>Kalamazoo</td>
</tr>
<tr>
<td>Spring Brook (T1S, R11W, S27)</td>
<td>Kalamazoo</td>
</tr>
<tr>
<td>Portage Creek upstream from Kilgore Road (T3S, R11W, S3)</td>
<td>Kalamazoo</td>
</tr>
<tr>
<td>Travis Creek (T1S, R11W, S9)</td>
<td>Kalamazoo</td>
</tr>
<tr>
<td>Allen Creek (T2S, R11W, S3)</td>
<td>Kalamazoo</td>
</tr>
<tr>
<td>Lee Creek (T2S, R10W, S28)</td>
<td>Kalamazoo</td>
</tr>
<tr>
<td>Prairievile Creek (T1N, R10W, S36)</td>
<td>Kalamazoo</td>
</tr>
<tr>
<td>Augusta Creek to the Knappen Mills Dam (T1S, R9W, S34)</td>
<td>Calhoun, Kalamazoo</td>
</tr>
<tr>
<td>Seven Mile Creek (T1S, R9W, S25)</td>
<td>Barry</td>
</tr>
<tr>
<td>Ellis Creek from West Lake to Guy Road (T1N, R7W, S15)</td>
<td>Calhoun</td>
</tr>
<tr>
<td>Minges Creek upstream from confluence w/Harper Creek (T2S, R7W, S19)</td>
<td>Calhoun, Jackson</td>
</tr>
<tr>
<td>Dickenson Creek (T2S, R7W, S22)</td>
<td>Hillsdale, Jackson</td>
</tr>
<tr>
<td>S. Branch Rice Creek from confluence of Rice Creek and Kalamazoo River (T2S, R6W, S25) upstream to Concord Rd (Jackson County)</td>
<td>Allegan</td>
</tr>
<tr>
<td>South Branch Kalamazoo River from Concord Road Bridge (T5S, R3W, S10) upstream to Strait Road Bridge (T4S, R2W, S31) mainstream only</td>
<td>Allegan</td>
</tr>
</tbody>
</table>

### Coastal Streams between Kalamazoo River and Black River

| Plumber Creek (T2N, R16W, S7) | Allegan        |

### Black River Basin

| South Branch Black River Mainstream from T1S, R17W, S2, to T2S, R16W, S1 | Van Buren      |
| Moon Lake Drain (T1S, R16W, S20) | Van Buren      |
| Three Mile Creek (T2S, R16W, S2) | Allegan, Van Buren |
| Middle Branch Black River Mainstream up to confluence of Spring Brook Creek (T1N, R15W, S22) | Allegan        |
| Spicebush Creek (T1N, R16W, S23) | Allegan, Van Buren |
| Barber Creek (T1N, R15W, S21) | Allegan        |
| Spring Brook Creek (T1N, R15W, S22) | Allegan        |
LOWER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

Stream
North Branch Black River Mainstream from confluence to T1N, R16W, S3
Coastal Streams between Black River (Van Buren County) and St. Joseph River
(Van Buren County)
Deerlick Creek (T1S, R17W, S21)
Brandywine Creek (T2S, R17W, S8)
Rogers Creek (T2S, R18W, S36)

County
Allegan
Van Buren
Van Buren
Van Buren

Paw Paw River Basin
Blue Creek (T4S, R18W, S4)
Mill Creek (T3S, R17W, S23) EXCEPT: Ryno Drain
Brush Creek (T3S, R15W, S10) EXCEPT: Reynolds Lake Drain

North Branch Paw Paw River and tributaries above M-40 (T2S, R14W, S30)
West Branch Paw Paw River, South Branch Paw Paw River, and Gates Drain to the railroad bridge downstream of I-94 (T3S, R14W, S14)
East Branch Paw Paw River above M-40 bridge (T3S, R14W, S13)
Pine Creek from Mouth (T3S, R16W, S17)

County
Berrien
Van Buren, Van Buren
Van Buren
Van Buren

St. Joseph River Basin
Hickory Creek (T4S, R19W, S35)
Big Meadow Drain (T5S, R18W, S8)
Pipestone Creek and tributaries (T5S, R18W, S4)
Lemon Creek (T6S, R18W, S11)
Farmers Creek (T6S, R17W, S6)
Puterbaugh Creek (T6S, R17W, S8)
Love Creek (T6S, R17W, S7)
Townsend Creek (T6S, R17W, S19)
Old Bitty Creek (T7S, R18W, S23)
McCoy Creek (T7S, R18W, S25)
Walton Creek (T7S, R17W, S16)
Glen Creek (T7S, R17W, S15)
Dowagiac River Mainstream (T7S, R17W, S22)
upstream to M-51 Bridge (T4S, R15W, S26)
Bertrand Creek (T8S, R17W, S22)
McKenzie Creek (T7S, R16W, S7)
Pokagon Creek (T6S, R16W, S30)
Peavine Creek (T6S, R16W, S17)
Dowagiac Creek (T6S, R15W, S11) upstream to Goodenough Road
Cook Lake Drain (T5S, R16W, S24)
Unnamed Creek (T5S, R15W, S18)
Wilson Creek (T5S, R15W, S9)
Osborn Drain (T5S, R15W, S9)
Glenwood Creek (T5S, R15W, S4)
Dowagiac Drain (T4S, R15W, S34)
Brandywine Creek (T8S, R17W, S3)
Unnamed Creek (T8S, R17W, S10)
Thorpe Creek (T7S, R15W, S36)

County
Berrien
Berrien
Berrien
Berrien
Berrien
Berrien
Berrien
Berrien, Cass
Van Buren
Berrien
Cass
Cass
Cass
Cass
Cass
Cass
Van Buren
Berrien, Cass
Berrien
Cass
LOWER PENINSULA STREAMS FLOWING INTO LAKE MICHIGAN

Stream
Trout Creek (T8S, R13W, S11)
Nottawa Creek from Calhoun County line at T4S, R8W, S31
upstream to T3S, R5W, S35
Mill Creek upstream from impoundment (T7S, R12W, S32)
to Preston Road (T7S, R12W, S7)
Curtis Creek (T7S, R12W, S7)
Sherman Mills Creek (T7S, R10W, S28)
Unnamed Tributary (T6S, R10W, S26)
Prairie River (T7S, R9W, S8) MacKale Road upstream to
County Line (Mainstream only)
Creamery Creek (T5S, R13W, S23)

County
Cass
Calhoun
St. Joseph
St. Joseph
St. Joseph
St. Joseph
St. Joseph
Cass

Galien River Basin
Galien River from T7S, R19W, S17 upstream (mainstream only)
East Branch Galien River (T7S, R19W, S17) to Boyle Lake (mainstream only)
South Branch Galien River (T7S, R21W, S36) mainstream only
Spring Creek (T8S, R20W, S20) upstream to the Michigan-Indiana state line (T8S, R20W, S22), excluding tributaries

County
Berrien
Berrien
Berrien

LOWER PENINSULA STREAMS FLOWING INTO LAKE HURON

Stream
Coastal Streams between Straits of Mackinac and Cheboygan River

Mill Creek (T39N, R3W, S27)
Cedar (Rustool) Creek (T39N, R3W, S26)
Dynamite Creek (T38N, R2W, S15)

County
Cheboygan
Cheboygan
Cheboygan

Cheboygan River Basin
Cheboygan River (T38N, R1W, S29) up to dam in S31

EXCEPT: During the months of June, July and August

Laperell Creek (T37N, R1W, S19)

Tributaries of Crooked River:
Whites Creek (T36N, R4W, S35)
Unnamed Creek (T35N, R4W, S3)
Unnamed Creek (T36N, R4W, S35)
Mcphee Creek (T35N, R4W, S10)

Tributaries of Crooked Lake:
Hatchery Outlet (T35N, R4W, S18)
Unnamed Creek (T35N, R5W, S13)
Unnamed Creek (T35N, R5W, S24)
Minnehaha (T35N, R4W, S29) EXCEPT:
Silver Creek Pond (T34N, R4W, S4)

Tributaries of Pickerel Lake:
Mud Creek (T35N, R4W, S27)
Cedar River (Berry Creek, T35N, R4W, S25)

County
Cheboygan
Cheboygan
Cheboygan
Emmet
Emmet
Emmet
Emmet
Emmet
Emmet
Emmet
Emmet, Cheboygan

134
LOWER PENINSULA STREAMS FLOWING INTO LAKE HURON

Stream | County
--- | ---
Unnamed Creek (T35N, R4W, S26) | Emmet

Tributaries of Burt Lake:
- Little Carp River (T36N, R3W, S4) | Cheboygan
- Maple River (T36N, R3W, S29, S31) and following tributaries: | Cheboygan, Emmet
  - West Branch Maple River (T36N, R4W, S10)
  - East Branch Maple River (T36N, R4W, S10)
  - Cold Creek (T37N, R4W, S30)
  - Brush Creek (T37N, R5W, S27)
- Sturgeon River (T35N, R3W, S24) & following tributaries: | Cheboygan, Otsego
  - Beebee Creek (T34N, R2W, S31)
  - West Branch Sturgeon River (T33N, R2W, S7)
- Marl Creek (T33N, R3W, S15)
- Allen Creek (T33N, R3W, S14)
- Bairds Creek (T34N, R3W, S12)
- No Name Creek (T34N, R3W, S25)
- Mud Creek (T33N, R3W, S18)
- Bradley Creek (T33N, R2W, S20)
- Stewart Creek (T33N, R2W, S31) and all other tributaries | Cheboygan
- Pickerel Creek (T32N, R2W, S10)
- Unnamed Creek (T32N, R2W, S21)
- Club Stream (T32N, R2W, S10)
- Mossback Creek (T31N, R3W, S12)

Indian River Tributaries:
- Little Sturgeon River (T35N, R2W, S19) | Cheboygan

Mullett Lake Tributaries:
- No Name Creek (T37N, R2W, S25) | Cheboygan
- No Name Creek (T37N, R2W, S26)
- Mullet Creek (T36N, R2W, S16)
- Little Pigeon River (T35N, R2W, S9)
- North Branch Little Pigeon River (T35N, R2W, S14) | Cheboygan
- Middle Branch Little Pigeon River (T35N, R2W, S23)
- South Branch Little Pigeon River (T35N, R2W, S23)

Pigeon River (T35N, R2W, S9) and the following tributaries: | Cheboygan, Otsego
- Wilkes Creek (T34N, R2W, S12)
- Nelson Creek (T34N, R1W, S32)
- Little Pigeon River (T34N, R1W, S31)
- McIntosh Creek (T33N, R1W, S5)
- McPhee Creek (T33N, R1W, S8)
- Grindstone Creek (T33N, R1W, S17)
- Cornwall Creek
  - EXCEPT: Cornwall Impoundment
- Unnamed Creek (T34N, R2W, S24)
- Unnamed Creek (T33N, R1W, S28)
- Unnamed Creek (T32N, R2W, S25)
- And all unnamed above T31N, R2W, S13

Otsego
# LOWER PENINSULA STREAMS FLOWING INTO LAKE HURON

<table>
<thead>
<tr>
<th>Stream</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Black River Basin</strong></td>
<td></td>
</tr>
<tr>
<td>Black River from Red Bridge (T35N, R1E, S5) upstream to Kleber Dam (T35N, R1E, S29)</td>
<td>Cheboygan</td>
</tr>
<tr>
<td>Black River from M-68 Highway Bridge upstream and the following tributaries:</td>
<td>Cheboygan, Presque Isle</td>
</tr>
<tr>
<td>Milligan Creek (T35N, R1E, S29)</td>
<td>Cheboygan</td>
</tr>
<tr>
<td>Sturgis Creek (T34N, R1E, S14)</td>
<td>Cheboygan</td>
</tr>
<tr>
<td>Two Unnamed Creeks (T34N, R2E, S19)</td>
<td>Presque Isle</td>
</tr>
<tr>
<td>Gregg Creek (T34N, R1E, S25)</td>
<td>Cheboygan</td>
</tr>
<tr>
<td>Unnamed Creek (T34N, R2E, S31)</td>
<td>Presque Isle</td>
</tr>
<tr>
<td>Canada Creek (T33N, R1E, S12)</td>
<td>Cheboygan</td>
</tr>
<tr>
<td>Unnamed Creek (T33N, R1E, S12)</td>
<td>Cheboygan</td>
</tr>
<tr>
<td>Unnamed Creek (T33N, R1E, S11)</td>
<td>Cheboygan</td>
</tr>
<tr>
<td>McMasters Creek (T33N, R1E, S21)</td>
<td>Cheboygan</td>
</tr>
<tr>
<td>East Branch Black River (T32N, R1E, S8)</td>
<td>Montmorency</td>
</tr>
<tr>
<td>Stewart Creek (T32N, R1E, S8)</td>
<td>Montmorency</td>
</tr>
<tr>
<td>Hardwood Creek (T32N, R1E, S30)</td>
<td>Montmorency</td>
</tr>
<tr>
<td>Tubbs Creek (T31N, R1W, S1)</td>
<td>Otsego</td>
</tr>
<tr>
<td>Saunders Creek (T31N, R1W, S20)</td>
<td>Otsego</td>
</tr>
<tr>
<td>Unnamed Creek (T32N, R2W, S21)</td>
<td>Otsego</td>
</tr>
<tr>
<td>Unnamed Creek (T31N, R1W, S27)</td>
<td>Cheboygan</td>
</tr>
<tr>
<td>Little Mud Creek (T36N, R1E, S28)</td>
<td>Cheboygan, Presque Isle</td>
</tr>
<tr>
<td>Stony Creek (T35N, R1E, S12)</td>
<td>Presque Isle</td>
</tr>
<tr>
<td>Rainy River (T35N, R2E, S22)</td>
<td>Presque Isle</td>
</tr>
<tr>
<td>Unnamed Creek (T35N, R2E, S26)</td>
<td>Presque Isle</td>
</tr>
<tr>
<td>Little Rainy River (T34N, R2E, S11)</td>
<td>Presque Isle</td>
</tr>
<tr>
<td>East Branch Rainy River (T34N, R3E, S18)</td>
<td>Presque Isle</td>
</tr>
<tr>
<td>Unnamed Creek (T33N, R3E, S21)</td>
<td>Presque Isle</td>
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<table>
<thead>
<tr>
<th>Coastal Streams from Cheboygan River to Ocqueoc River</th>
<th>Cheboygan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elliot Creek (T38N, R1W, S27)</td>
<td>Cheboygan</td>
</tr>
<tr>
<td>Green Creek (T38N, R2E, S31)</td>
<td>Cheboygan</td>
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<table>
<thead>
<tr>
<th>Ocqueoc River Basin</th>
<th>Presque Isle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ocqueoc River (T36N, R3E, S21) up to T34N, R3E, S24</td>
<td>Presque Isle</td>
</tr>
<tr>
<td>(Lower Barnhardt Lake) and all tributaries EXCEPT:</td>
<td>Presque Isle</td>
</tr>
<tr>
<td>Orchard Lake Outlet (T36N, R3E, S30)</td>
<td>Presque Isle</td>
</tr>
<tr>
<td>Unnamed Creek (T36N, R3E, S30)</td>
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<td>Two Unnamed Creeks (T36N, R3E, S31)</td>
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<tr>
<td>Unnamed Creek (T35N, R3E, S4)</td>
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<td>Unnamed Creek (T35N, R3E, S9)</td>
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<td>Unnamed Creek (T35N, R3E, S34)</td>
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<tr>
<td>Unnamed Creek (T34N, R3E, S9)</td>
<td>Presque Isle</td>
</tr>
</tbody>
</table>

| Coastal Streams between Ocqueoc River (Presque Isle County) and Thunder Bay River (Alpena County) | 36 |
LOWER PENINSULA STREAMS FLOWING INTO LAKE HURON

Stream

Nagels Creek (T36N, R5E, S31)
Swan River (T35N, R6E, S20)
Trout River (T35N, R5E, S16) and tributaries up to
and including Unnamed tributary T35N, R5E, S32
Norwegian Creek (T31N, R9E, S18)
Long Lake Creek (T32N, R9E, S21) up to dam T32N, R8E, S24
No Name Creek (T33N, R8E, S25)

County
Presque Isle
Presque Isle
Presque Isle
Alpena
Alpena
Presque Isle

Thunder Bay River Basin

Thunder Bay River from its mouth (T31N, R8E, S26) up to Ninth Street
Dam (T31N, R8E, S22)
Big Ravine Creek (T29N, R7E, S22)
Watson Creek (T29N, R7E, S22)
Simmons Creek (T29N, R7E, S33)
Scott Creek (T29N, R7E, S33)
Wolf Creek (T30N, R7E, S32) and all upstream tribus.
Thunder Bay River (T31N, R4E, S33) EXCEPT:
That portion between Atlanta Dam (T30N, R2E,
S12) and Lake 15 (T30N, R2E, S15)

County
Alpena
Alpena
Alpena
Alpena
Alpena, Alcona
Montmorency

Brush Creek (T31N, R4E, S23)
Unnamed Creek (T31N, R4E, S33)
Unnamed Creek (T30N, R4E, S9)
Miller Creek (T30N, R4E, S8)
Edwards Creek (T30N, R4E, S18)
Gilchrist Creek (T30N, R3E, S24) EXCEPT:

County
Montmorency
Montmorency
Montmorency
Montmorency
Montmorency

Lockwood Lake Outlet (T29N, R3E, S11)

County
Montmorency
Montmorency
Montmorency
Montmorency
Montmorency

Unnamed Creek (T30N, R3E, S23)
Hunt Creek (T30N, R3E, S34)
Haymeadow Creek (T30N, R2E, S12)
Barger Creek (T30N, R2E, S29)
Upper South Branch Thunder Bay River (T29N, R4E, S14)

McCormick Lake Tributaries

County
Montmorency
Montmorency
Montmorency
Montmorency
Montmorency

Stanniger Creek (T30N, R2E, S30)
Sheridan Creek (T30N, R2E, S31)

Avery Lake Tributaries

County
Montmorency
Montmorency

Avery Creek (T29N, R2E, S9)
Unnamed Creek (T29N, R2E, S9)

Hubbard Lake Tributaries

County
Alcona
Alcona
Alcona
Alcona
Alcona
Alcona
Alcona

Shaffer Creek (T28N, R8E, S30)
Stevens Creek (T28N, R7E, S27)
Sucker Creek (T28N, R7E, S36)
Vincent Creek (T27N, R8E, S9)
Unnamed Creek (T27N, R8E, S16)
Pettis Creek (T27N, R8E, S23)
Fish Creek (T27N, R8E, S23)

West Branch River and all tributaries
upstream of Mt. Maria Road (T27N, R7E, S3)

County
Alcona
## LOWER PENINSULA STREAMS FLOWING INTO LAKE HURON

<table>
<thead>
<tr>
<th>Stream</th>
<th>County</th>
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<tbody>
<tr>
<td>Coastal Streams between Thunder Bay River (Alpena County) and Black River</td>
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<tr>
<td>(Alcona County)</td>
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<tr>
<td>Devil River Basin</td>
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<tr>
<td>Devil River Mainstream (T29N, R8E, S12)</td>
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<tr>
<td>North Branch Devil River (T29N, R8E, S11)</td>
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<tr>
<td>South Branch Devil River (T29N, R8E, S11)</td>
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<tr>
<td>Devil Lake Tributaries</td>
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<tr>
<td>Berlinski Creek (T30N, R8E, S33)</td>
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<td>Two Unnamed Creeks (T28N, R9E, S13)</td>
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<td>Partridge Point Creek (T30N, R8E, S10)</td>
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<td>Black River Basin</td>
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<td>Black River (T28N, R9E, S13) and following tributaries:</td>
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<td>North Branch Black River (T28N, R9E, S22)</td>
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<td>Butternut Creek (T28N, R9E, S9)</td>
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<td>Liston Creek (T28N, R9E, S7)</td>
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<td>DeRocher Creek (T28N, R9E, S15)</td>
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<td>Gauthier Creek (T28N, R9E, S22)</td>
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<td>Unnamed Creek (T28N, R9E, S22)</td>
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<td>Silver Creek (T28N, R9E, S26)</td>
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<td>Haynes Creek (T27N, R9E, S27)</td>
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<tr>
<td>Coastal Streams between Black River (Alcona County) and Au Sable River</td>
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<tr>
<td>(Iosco County)</td>
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<td>Unnamed Creek (T27N, R9E, S12)</td>
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<td>Two Unnamed Creeks (T27N, R9E, S13)</td>
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<td>Unnamed Creek (T27N, R9E, S24)</td>
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<td>Unnamed Creek (T26N, R9E, S12)</td>
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<td>Mill Creek (T26N, R9E, S12)</td>
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<td>Unnamed Creek (T25N, R9E, S14)</td>
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<tr>
<td>Two Unnamed Creeks (T25N, R9E, S35)</td>
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<tr>
<td>Au Sable River Basin</td>
<td></td>
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<tr>
<td>Au Sable River Mainstream from the mouth (T23N, R9E, S10) upstream to</td>
<td>Iosco</td>
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<tr>
<td>Foote Dam and Allen Creek (T24N, R8E, S36)</td>
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<tr>
<td>Pine River (T24N, R9E, S33) and following tributaries:</td>
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<tr>
<td>Coppler Creek (T24N, R8E, S1)</td>
<td>Iosco, Alcona</td>
</tr>
<tr>
<td>Phelon Creek (T24N, R9E, S21)</td>
<td>Iosco</td>
</tr>
<tr>
<td>Hill Creek (T24N, R8E, S1)</td>
<td>Iosco, Alcona</td>
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<tr>
<td>Duval Creek (T25N, R8E, S24)</td>
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<tr>
<td>Roy Creek (T25N, R8E, S23)</td>
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<td>Grey Creek (T25N, R8E, S23)</td>
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<tr>
<td>South Branch Pine River (T25N, R8E, S15)</td>
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<td>McDonald Creek (T25N, R8E, S9)</td>
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<tr>
<td>Unnamed Creek (T25N, R8E, S17)</td>
<td>Alcona</td>
</tr>
</tbody>
</table>
LOWER PENINSULA STREAMS FLOWING INTO LAKE HURON

Stream                                      County
-----------------------------------------------------
Unnamed Creek (T25N, R7E, S12)              Alcona
Wallace Creek (T25N, R7E, S19)              Alcona
Bryant Creek (T25N, R7E, S19)              Alcona
Kurtz Creek (T25N, R7E, S16)                Alcona
Samyn Creek (T25N, R7E, S17)                Alcona
McGillis Creek (T25N, R8E, S9)              Alcona
Gimlet Creek (T25N, R8E, S8)                Alcona
West Branch Pine River (T25N, R8E, S3)      Alcona
Unnamed Creek (T25N, R8E, S3)              Alcona
Backus Creek (T26N, R8E, S32)               Alcona
Two Unnamed Creeks (T26N, R7E, S13)         Alcona
Unnamed Creek (T26N, R8E, S20)              Alcona
Unnamed Creek (T26N, R8E, S29)              Alcona
Unnamed Creek (T26N, R8E, S32)              Alcona
Unnamed Creek (T26N, R7E, S24)              Alcona
Loud Creek (T26N, R7E, S17)                 Alcona
East Branch Pine River and all tributaries (T26N, R8E, S3) Alcona
Unnamed Creek (T26N, R7E, S13)              Alcona

Tributaries of AuSable River between Foote Dam and Rolloways

  Campground (U.S.F.S.) (T24N, R5E, S24)
  Unnamed Creek (T24N, R7E, S24)            Iosco
  Wildcat Creek (T24N, R7E, S23)            Iosco
  Goulett Creek (T24N, R7E, S20)            Iosco
  Baker Creek (T24N, R6E, S20)              Iosco

AuSable Mainstream and following tributaries from mouth of the South
  Branch River, Iosco County, (T24N, R5E, S13) upstream to
  Bamfield Dam (Alcona County)
  Harper Creek (T24N, R4E, S25)              Ogemaw
  Mattson Creek (T24N, R4E, S25)             Ogemaw
  Mink Creek (T24N, R4E, S27)                Ogemaw
  AuSable Creek (T24N, R4E, S34)             Iosco, Alcona
  Hoopy Creek (T24N, R5E, S3)                Iosco
  Stewart Creek (T24N, R5E, S2)              Iosco
  Hubble Creek (T2<N, R5E, S20)              Iosco
  South Branch River (T24N, R5E, S12) upstream to the
  Junction with Hubble Creek (T24N, R5E, S20)
  Smith Creek (T25N, R5E, S26)               Alcona
  Two Unnamed Creeks (T25N, R5E, S14)        Alcona
  Unnamed Creek (T25N, R5E, S23)             Alcona
  Unnamed Creek (T25N, R5E, S26)             Alcona

Tributaries to Bamfield Pond
  Wilbur Creek (T25N, R5E, S17)              Alcona
  Bamfield Creek (T25N, R5E, S11)            Alcona
LOWER PENINSULA STREAMS FLOWING INTO LAKE HURON

Stream: Au Sable River Mainstream and following tributaries from County
Road 4001 Bridge, Alcona County (T26N, R5E, S28) to Mio Dam
(Oscoda County)
- Lost Creek (T26N, R5E, S28) - Alcona
- Penoyer Creek (T26N, R5E, S28) - Alcona
- Blockhouse Creek (T26N, R5E, S20) - Alcona, Oscoda
- Ninemile Creek (T26N, R4E, S23) - Oscoda
- Glennie Creek (T26N, R4E, S7) - Oscoda
- Comins Creek (T26N, R3E, S11) - Oscoda
- Caucky Creek (T26N, R3E, S9) - Oscoda
- Perry Creek (T26N, R3W, S9) - Oscoda
- Guslers Creek (T27N, R3E, S21) - Oscoda
- Joshlin Creek (T27N, R3E, S21) - Oscoda
- Loud Creek (T26N, R3E, S17) - Oscoda
- Cherry Creek (T26N, R3E, S7) - Oscoda
- Robins Creek (T26N, R3E, S5) - Oscoda
- Wolf Creek (T26N, R3E, S7) - Oscoda

Stream: Au Sable River mainstream and following tributaries upstream
From power line crossing in T26N, R2E, S3 (Oscoda County)
- Antler Creek (T26N, R2E, S10) - Oscoda
- Unnamed Creek (T26N, R2E, S10) - Oscoda
- Lost Creek (T26N, R2E, S17) - Oscoda
- Big Creek (T26N, R1E, S1) - Oscoda
- Red Creek (T26N, R1E, S12) - Oscoda
- East Branch Big Creek (T26N, R1E, S24) - Oscoda
- West Branch Big Creek (T26N, R1E, S24) - Oscoda, Ogemaw
- Hunt Creek (T25N, R1E, S9) - Oscoda
- Beaver Creek (T26N, R1E, S3) - Oscoda
- Sohn Creek (T26N, R1E, S4) - Oscoda
- White Water Creek (T26N, R1E, S8) - Oscoda

Stream: North Branch Au Sable (Crawford County, T26N, R1W, S1) upstream
And following tributaries:
- Big Creek (T27N, R1W, S27) - Crawford
- West Branch Big Creek (T27N, R1W, S23) - Crawford, Otsego
- East Branch Big Creek (T27N, R1W, S23) - Crawford, Oscoda
- Wright Creek (T27N, R1E, S7) - Oscoda
- Middle Branch Big Creek (T27N, R1W, S13) EXCEPT:
  Big Creek Impoundment (T28N, R1W, S24-25) - Crawford

Stream: South Branch Au Sable River, Crawford County (T26N, R1W, S8) upstream to Co. 602 Bridge, Roscommon County (T24N, R1W, S8) and all tributaries
- Douglas Creek (T25N, R1W, S18) - Crawford
- Beaver Creek (T25N, R2W, S31) - Crawford
- Unnamed Creek (T24N, R2W, S6) - Roscommon
- Robinson Creek (T24N, R2W, S5) - Roscommon
- Hudson Creek (T24N, R2W, S12) - Roscommon
### LOWER PENINSULA STREAMS FLOWING INTO LAKE HURON

<table>
<thead>
<tr>
<th>Stream</th>
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<tbody>
<tr>
<td>Asum Creek (T24N, R1W, S8)</td>
<td>Roscommon</td>
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<tr>
<td>East Creek (T24N, R1W, S16)</td>
<td>Roscommon</td>
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<tr>
<td>South Creek (T24N, R1W, S28)</td>
<td>Roscommon</td>
</tr>
<tr>
<td>Barker Creek (T26N, R2W, S11)</td>
<td>Crawford</td>
</tr>
<tr>
<td>Gammey Creek (T26N, R1W, S1)</td>
<td>Crawford</td>
</tr>
<tr>
<td>Wakey Creek (T26N, R2W, S11)</td>
<td>Crawford</td>
</tr>
<tr>
<td>Unnamed Creek (T26N, R3W, S12)</td>
<td>Crawford</td>
</tr>
<tr>
<td>Simpson Creek (T25N, R3W, S7)</td>
<td>Crawford</td>
</tr>
<tr>
<td>Kolke Creek (T28N, R4W, S23)</td>
<td>Crawford</td>
</tr>
<tr>
<td>Bradford Creek (R28N, R4W, S23)</td>
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</tr>
<tr>
<td>Unnamed Creek (T28N, R4W, S14)</td>
<td>Crawford</td>
</tr>
<tr>
<td>East Branch Au Sable River (T26N, R3W, S8)</td>
<td>Crawford</td>
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<tr>
<td>Unnamed Creek (T22N, R9E, S5)</td>
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<td>Cold Creek (T22N, R8E, S30)</td>
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<td>Sims Creek (T22N, R8E, S18)</td>
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<td>Gray Creek (T22N, R8E, S8)</td>
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<td>Silver Creek (T22N, R8E, S4) and following tributaries</td>
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<td>Fountain Creek (T23N, R8E, S32)</td>
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<td>Buck Creek (T23N, R7E, S15)</td>
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<td>Miller Creek (T23N, R7E, S29)</td>
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<td>Indian Creek (T23N, R8E, S8)</td>
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<td>Loud Creek (T23N, R8E, S8)</td>
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<td>Miller Creek (T23N, R8E, S5)</td>
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<tr>
<td>East Branch AuGres River (Whitney Drain) from mouth</td>
<td>Arenac, Iosco</td>
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<tr>
<td>(T20N, R7E, S12) upstream</td>
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<td>AuGres River tributaries:</td>
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<td>Latter Creek (T22N, R5E, S35)</td>
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</table>
LOWER PENINSULA STREAMS FLOWING INTO LAKE HURON

Stream

Hope Creek (T22N, R5E, S28)
Johnson Creek from M-65 (T21N, R5E, S22) upstream
and following tributaries:
Buchanan Creek (T21N, R5E, S21)
Whitney Creek (T21N, R5E, S20)
Crainer Creek (T21N, R5E, S29)
No Name tributary to Big Creek (T20N, R5E, S19)
Big Creek (T20N, R5E, S27)
Cedar Creek (T20N, R6E, S19)

Rifle River Basin
Mainstream of Rifle River and all tributaries above
T19N, R4E, S5 EXCEPT:
Richter Creek (T19N, R4E, S25) and Wells Creek (T19N, R4E, S19)

County
Iosco
Iosco, Ogemaw
Iosco
Iosco, Ogemaw
Iosco
Iosco, Ogemaw
Arenac
Arenac
Arenac

Arenac, Ogemaw

Tobacco River Basin
Cedar River from T19N, R2W, S20 upstream
North Branch Cedar River and tributaries (T19N, R2W, S20)
Middle Branch Cedar River and tributaries (T19N, R3W, S14)
West Branch Cedar River (T19N, R3W, S15)
Craberry Creek (T19N, R3W, S15)
Poppel Creek (T20N, R3W, S34)
North Branch Tobacco River and tributaries (T17N, R2W, S1)
Beaver Creek (T18N, R4W, S12)
Mostellar Creek downstream (T18N, R4W, S1)
upstream (T19N, R4W, S25)
Jose Creek (T18N, R4W, S12)
Spike Horn Creek (T19N, R4W, S35)
Middle Branch Tobacco River (T17N, R2W, S11)
Unnamed tributary (T18N, R3W, S32)
Clear Creek (T18N, R3W, S30)
South Branch Tobacco River from T17N, R4W, S27 upstream
and following tributaries:
Sanford Creek (T17N, R4W, S13)
Five Lakes Creek (T17N, R4W, S33)
Loon Lake Creek (T17N, R4W, S6)
Newton Creek (T17N, R4W, S30)
Runyon Creek (T17N, R5W, S13)
Overton Creek (T17N, R5W, S26)
Elm Creek (T17N, R5W, S16)
Two Unnamed tributaries to Deadman Lake (T17N, R5W, S28)

Gladwin, Clare
Gladwin
Clare
Clare
Clare
Clare
Clare
Clare
Clare
Clare
Clare
Clare
Clare
Clare
Clare

Clare
Isabella
Isabella
Isabella
Mecosta
Isabella
Mecosta, Osceola
Mecosta
LOWER PENINSULA STREAMS FLOWING INTO LAKE HURON

Stream                                      County
---                                          -----
Brown Creek (T16N, R7W, S28)                Mecosta
Butts Creek (Devil Creek) (T16N, R7W, S11)  Mecosta, Osceola
Colley Creek (T16N, R6W, S34)               Isabella
Delaney Creek (T15N, R6W, S34)              Isabella
Walker Creek and tributaries above T16N, R6W, S35  Isabella
Cedar Creek (T14N, R5W, S27)                Isabella
Sucker Creek (T16N, R5W, S18)               Isabella
Schofield Creek (T16N, R5W, S35) and tributaries  Isabella
Benjamin Creek (T16N, R7W, S2)              Mecosta, Osceola
Pine River mainstream from Lumberjack Road (T12N, R4W, S18)  Gratiot, Montcalm,
upstream to 10th Avenue (T14N, R7W, S26) and following tributaries:  Isabella, Mecosta
  North Branch Pine River from confluence with mainstream of Pine  Gratiot, Montcalm,
    to Coe Road, T13N, R5W, S34  Isabella
  Skunk Creek (T13N, R6W, S25)  Isabella, Mecosta
  Pony Creek from confluence with Pine River upstream to T13N,  Isabella
    R6W, S2
  Miller Creek (T14N, R7W, S36)  Mecosta
  Decker Creek (T13N, R6W, S18) Isabella

Tittabawassee River Basin                      Ogemaw
East Branch Tittabawassee River from T21N, R2E, S32 upstream  Ogemaw
Spring Creek (T21N, R2E, S32)                 Ogemaw
Cooks Creek (T21N, R2E, S20)                 Ogemaw
Rau Creek (T21N, R1E, S13)                   Ogemaw
Brick Creek (T21N, R1E, S13)                 Ogemaw
Middle Branch Tittabawassee River tributaries:
  Mansfield Creek (T21N, R1E, S22)            Ogemaw
  Parren Creek (T21N, R1E, S10)               Ogemaw
  Perrys Creek (T21N, R1E, S10)               Ogemaw
West Branch Tittabawassee River from T20N, R1W, S23
upstream and tributaries EXCEPT:
  Lake Four Outlet  Gladwin, Roscommon
  Muna Creek (T21N, R1W, S35)                 Gladwin
  W, Branch Tittabawassee River (T21N, R1W, S22)  Roscommon
  Unnamed Tributary (T21N, R1W, S24)           Roscommon
Sugar Creek (T20N, R2W, S13)                 Gladwin
Sugar River & tributaries upstream from T20N, R1W, S19  Gladwin
Sugar River (T20N, R1W, S22, 27)             Gladwin

Flint River Basin                             Genesee, Oakland
Kearsley Creek from M15 bridge (T6N, R8E, S15, Genesee County)  Oakland
upstream to Glass Road bridge (T5N, R9E, S19, Oakland County)  Lapeer
Duck Creek (T5N, R9E, S18)  Lapeer
Pine Creek from Greenwood Road Bridge (T7N, R10E, S24) upstream  Lapeer
Bottom Creek, T9N, R11E, S20, from Gravel Creek Road upstream
### LOWER PENINSULA STREAMS FLOWING INTO LAKE ST. CLAIR

<table>
<thead>
<tr>
<th>Stream</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinton River Basin</td>
<td></td>
</tr>
<tr>
<td>North Branch Clinton River upstream from 32 Mile Road (Macomb County, T5N, R13E, S31) <em>EXCEPT:</em></td>
<td>Macomb, Lapeer</td>
</tr>
<tr>
<td><em>Tributaries to North Branch upstream from confluence of East Pond Creek (T5N, R13E, S31)</em></td>
<td>Macomb</td>
</tr>
<tr>
<td><em>Unnamed tributary to East Pond Creek (T5N, R12E, S27)</em></td>
<td>Macomb</td>
</tr>
<tr>
<td><em>East Pond Creek and tributaries upstream from East Mile Pond (T5N, R12E, S33)</em></td>
<td></td>
</tr>
<tr>
<td>Paint Creek from confluence with Clinton River (T3N, R11E, S14) upstream to Lake Orion Dam (T4N, R10E, S11)</td>
<td>Oakland</td>
</tr>
<tr>
<td>Gallagher Creek (T4N, R11E, S28)</td>
<td>Oakland</td>
</tr>
</tbody>
</table>

### LOWER PENINSULA STREAMS FLOWING INTO LAKE ERIE

<table>
<thead>
<tr>
<th>Stream</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rouge River Basin</td>
<td></td>
</tr>
<tr>
<td>Johnson Creek from its confluence with the Middle Branch of the Rouge River (T1S, R8E, S3) including the tributary designated as Sump Drain</td>
<td>Wayne</td>
</tr>
<tr>
<td>Huron River Basin</td>
<td></td>
</tr>
<tr>
<td>Huron River from Main Street in Milford (T2N, R7E, S11) upstream to Moss Lake Outlet (T2N, R8E, S17) <em>EXCEPT: Norton and Congdon Drains</em></td>
<td>Oakland</td>
</tr>
<tr>
<td>St. Joseph-of-the-Maumee River Basin</td>
<td></td>
</tr>
<tr>
<td>St. Joseph-of-the-Maumee from Pittsford Road (T7S, R2W, S25) Upstream to Trail Road (T7S, R2W, S10) <em>EXCEPT: Pittsford Millpond Impoundment</em></td>
<td>Hillsdale</td>
</tr>
</tbody>
</table>

11/11
This Order shall be assigned number FO-210.18, and is entitled "Designated Trout Streams for Michigan."

This Order supersedes the Order entitled "Designated Trout Streams for Michigan," effective on April 1, 2016, and was assigned number FO-210.16.

This Order shall take effect on April 1, 2018, and shall remain in effect until amended/rescinded.

Issued on this 12th day of October, 2017.

Approved as to matters over which the Natural Resources Commission has authority.

[Signature]
John Matonich, Chairman
Natural Resources Commission

Approved as to matters over which the Director has authority.

[Signature]
Keith Creagh
Direct
MEMORANDUM TO THE NATURAL RESOURCES COMMISSION

Subject: Fisheries Order 240.18
Sturgeon Regulations – Statewide

Authority:

The Natural Resources and Environmental Protection Act, 1994 PA 451, authorizes the Director and the Commission to issue Orders to regulate the taking of fish in the waters of this state.

Discussion and Background:

This Order covers lake sturgeon fishing opportunities in Michigan. Recommended changes by the Department include: extending the catch-and-immediate-release (CIR) fishing season for the St. Clair River, Lake St. Clair, and the Detroit River, removal of the statewide CIR season in other waters of the state without a possession season, and the removal of the lake sturgeon fishing and harvest tag requirement.

The St. Clair River, Lake St. Clair, and the Detroit Rivers are home to the largest and most robust lake sturgeon population in Michigan. It has developed into a popular fishery and anglers have sought increased opportunities for lake sturgeon fishing here. Relative to the population size and sustainable mortality rates, very few lake sturgeon are harvested during the possession season. This alleviates concerns related to increased catch and release mortality during an expanded CIR season. Therefore, the recommendation is to implement an expanded CIR season from July 16 – March 15, inclusive. Currently, the season for the St. Clair River, Lake St. Clair, and Detroit River is from July 16 – November 30. The changes will result in more fishing opportunities in an area where anglers will have the best opportunity to catch these fish.

Statewide, anglers may target lake sturgeon during an open CIR season from July 16 – November 30. This is inconsistent with Fisheries Division’s Lake Sturgeon Rehabilitation Strategy, which calls for no fishing on populations that are not classified as large. Very few, if any, anglers target lake sturgeon outside of the large populations that have specific regulations; however, allowing targeted fishing that could result in mortality from CIR fishing is not prudent on small and recovering populations. The change will bring the statewide regulations in line with the approved Lake Sturgeon Rehabilitation Strategy.

Lastly, the Department recommends removal of the lake sturgeon fishing and harvest tag originally used to monitor angling interest for this state-listed threatened species. At one time, anglers interested in harvesting lake sturgeon were required to obtain a plastic tag prior to fishing at a limited number of locations. As the fishery grew over the past decade from a few hundred anglers to several hundred anglers, the Department developed the lake sturgeon fishing and harvest tag. The tag could be obtained at any fishing license vendor and removed the inconvenience of interested anglers having to go to a local...
shop to obtain the plastic tag personally. The harvest tag portion was also used for enforcement purposes to restrict harvest similar to the way the deer kill tag does today. The Department has monitored this tag (as well as the muskellunge harvest tag) and determined that the number of tags distributed (more than 200,000) has diminished the effectiveness of the tag. No changes are recommended to the harvest limit of one lake sturgeon per angler per fishing season or the mandatory harvest requirement regulation.

*Issue Pros and Cons*

The fact that lake sturgeon fishing opportunities are expanding is a positive indication for the species. Anglers appreciate the opportunity to catch this species and over recent years, the popularity has grown. It is important for the Department to expand fishing opportunities whenever possible while also remaining vigilant to remove opportunities that may have a negative effect on limited resources.

There are no cons identified with these proposed regulation changes.

*Biological*

The regulation changes proposed above are based primarily on biology.

*Social*

Anglers are supportive of expanding lake sturgeon fishing opportunities. Anglers are also supportive of placing restrictions on a fishery to protect the resource should the Department determine it is necessary.

*Economic*

There are no anticipated significant economic gains or losses expected from the passage of this Order.
Recreation Order 240.18
Sturgeon Regulations - Statewide
Page 3
September 18, 2017

Recommendation:

Relevant Divisions have contributed to the preparation of this Order. This Order was submitted for information on September 14, 2017, at the Natural Resources Commission meeting. This item appeared on the Department’s September 2017 calendar and may be eligible for approval on October 12, 2017.

James Dexter, Chief
Fisheries Division

Gary Hagler, Chief
Law Enforcement Division

Russ Mason, Ph.D., Chief
Wildlife Division

Marc Miller, Acting Chief
Forest Resources Division

Ronald A. Olson, Chief
Parks and Recreation Division

William O'Neill
Natural Resources Deputy

I have analyzed and discussed these recommendations with staff and concur as to matters over which the Director has authority.

Keith Creagh, Director

Date

18/12/17
FISHERIES ORDER

STURGEON REGULATIONS - STATEWIDE
Order 240.18

By authority conferred on the Natural Resources Commission and the Department of Natural Resources by Part 487 of 1994 PA 451, MCL 324.48701 to 324.48740, it is ordered on October 12, 2017, the following section(s) of the Fisheries Order shall read as follows:

1) Fishing for Lake Sturgeon
   A) Except on waters where specific regulations are in place, as identified in paragraph 4) Special Provisions, fishing for lake sturgeon on all waters of the State shall be prohibited.

2) Registration of Harvested Lake Sturgeon
   A) On waters where harvest of lake sturgeon is allowed as specifically identified in paragraph 4) Special Provisions:
      i) Except as otherwise specifically provided in paragraph 4) Special Provisions, an angler shall register a lake sturgeon that is harvested within 24 hours at a designated registration site.
      Designated registration sites may be found online at www.michigan.gov/dnrfishing.

3) Harvest Limit
   A) On waters where harvest of lake sturgeon is allowed as specifically identified in paragraph 4) Special Provisions, an angler shall not harvest more than one (1) lake sturgeon per year.

4) Special Provisions:
   A) Lake St. Clair and the St. Clair River (St. Clair, Macomb, and Wayne Counties)
      i) Fishing seasons
         a) The hook-and-line harvest season for lake sturgeon shall be July 16 through September 30, inclusive.
         b) The hook-and-line, catch-and-immediate-release season for lake sturgeon shall be July 16 through March 15, inclusive.
      ii) Size Limit
         a) Between 42 and 50 inches, inclusive.
   B) Detroit River (Wayne County)
      i) Fishing season
         a) The hook-and-line, catch-and-immediate-release season for lake sturgeon shall be July 16 through March 15, inclusive.
C) Otsego Lake (Otsego County)
   i) Fishing seasons
      a) The hook-and-line harvest season for lake sturgeon shall be July 16 through March 15, inclusive.
      b) Fishing for lake sturgeon shall be prohibited from March 16 through July 15, inclusive.
   ii) Size Limit
       a) 50 inches minimum.

D) Black Lake (Cheboygan/Presque Isle County) – the Director and the Commission will set conditions for the fishing season no later than January 15 each year and will be posted on the DNR website.

E) Menominee River
   i) All regulations governing fishing for lake sturgeon and the take of lake sturgeon in the Menominee River system are established in Fisheries Order 205: Michigan-Wisconsin Boundary Water Regulations.

F) All Other Waters of the State not specifically identified in this Paragraph 4) Special Provisions
   i) Fishing season
      a) No fishing season for lake sturgeon.

This Order shall be assigned number FO-240.18, and is entitled “Sturgeon Regulations - Statewide.”

This Order supersedes the Order entitled “Sturgeon Regulations - Statewide,” which became effective October 9, 2014, and is assigned number FO-240.14.

This Order shall take effect April 1, 2018 and shall remain in effect until amended/rescinded.

Issued on this 12th day of October, 2017.

Approved as to matters over which the Natural Resources Commission has authority.

[Signature]
John Matomich, Chairman
Natural Resources Commission

Approved as to matters over which the Director has authority.

[Signature]
Keith Creagh
Director
MEMORANDUM TO THE DIRECTOR

Information: Natural Resources Commission

Subject: Designated Campsites on Beaver Island State Wildlife Research Area;
Charlevoix County
Land Use Order of the Director Amendment No. 4 of 2017

Authority:

The Natural Resources and Environmental Protection Act, 1994 PA 451, authorizes the Director to issue orders to implement land use rules.

Discussion and Background:

A project advisory committee is currently developing a water trail, which is a recreational paddling route along a lake, river, canal, or bay specifically dedicated for people using small boats like kayaks, canoes, and stand-up paddleboards on Beaver Island. At 54 square miles, Beaver Island is the largest island in Lake Michigan, located about 30 miles offshore from the City of Charlevoix. The island’s history includes Native American and European settlers and industries such as fishing, farming and logging. Today, it is a popular tourist destination with many recreational opportunities. In addition, tourists come to learn about the history of the island and to visit historic sites, museums and participate in local events. Beaver Island is well suited to create and leverage a system of water trails.

The Department has officially endorsed the Beaver Island Water Trail and is a member of the project advisory committee. The water trail proposal includes development of launches and campsites at frequent intervals to allow for multi-day explorations including lighthouses, beaches, birding hotspots, shipwrecks, and more that relate to Beaver Island’s natural and cultural story. Fifteen sites along the shoreline are intended for this use and are located on state, township, and Little Traverse Conservancy property. Of those 15 sites, eight are located on state-owned land. In order to promote Michigan as a water trail state and provide various recreational and educational opportunities for water trail enthusiasts, as well as other tourists on Beaver Island, the Department proposes posting several water trail access sites as designated campsites. Posting some of the water trail access sites as designated campsites ensures water trail enthusiasts and tourists of Beaver Island have a rest stop or camping stop, along with educational opportunities, when they venture around the Beaver Island Water Trail.

In addition, the Department proposes the following additional regulations to ensure safe use at the designated campsites on the Beaver Island State Wildlife Research Area:
Designated Campsites on Beaver Island State Wildlife Research Area; Charlevoix County Land Use Order of the Director Amendment No. 4 of 2017

September 18, 2017

- A person shall only build or maintain an open fire in a self-contained cooking unit, a fire ring, or a grill in a designated campsite.
- A person shall not enter, use, or occupy any designated campsites with a motorized vehicle.

In order to properly manage these designated campsites, signage will be installed indicating designated campsites. In addition, these remote campsites may include amenities such as a vault toilet; trash receptacles; potable water from hand pumps; picnic tables; a boat rack; informational kiosks; tent pads; or fire rings. The remote campsites are first come, first served, and are free of charge. The Department is developing a Memorandum of Agreement with the local township to maintain the sites on state-owned land.

Individuals using the designated campsites do not need a permit.

**Issues Pros and Cons**

Posting water trail access sites as designated campsites helps provide a variety of recreational and educational opportunities for water trail enthusiasts and tourists of Beaver Island. The designated campsites will provide the public water trail information, including details for identifying access and trail routes and cultural, historic, and natural features of the island. In addition, the public can learn about the value of water resources, boating skills, and outdoor ethics.

Promoting water access trails and designating them as campsites aligns with the Department’s Management Plan for State-owned Lands on Northern Lake Michigan Islands: Goal 1, Partnerships and Collaborative Governance; Goal 3, Cultural Resources; and Goal 4, Recreation and Subsistence Activities.

The Land Information Access Association is developing the Beaver Island Water Trail Plan as part of the Resilient Beaver Island Project, which will be completed by December 2017. The development process included a high level of engagement with the Department and stakeholders such as business owners and entrepreneurs, environment and recreation groups, youth and young adults, real estate and housing groups, transportation groups, and the boards of the Preservation Association of Beaver Island, the Beaver Island Association, and the Beaver Island Community Center. In addition, off-island stakeholders such as the Charlevoix County Emergency Management Office, Charlevoix County Planning Department, Little Traverse Bay Bands of Odawa Indians, and the Little Traverse Conservancy were involved in the planning process.

The designated campsites on Beaver Island may be limited to seasonal use as the water freezes over during the winter months. There may also be an increase in litter and potential overcrowding as more recreationalists use the water trail. In addition, some designated campsites may be near private land which may lead to trespassing. Some of these issues can be mitigated by development of Memorandum of Agreements with the townships and continued engagement with local residents and visitors.
Designated Campsites on Beaver Island State Wildlife Research Area; Charlevoix County
Land Use Order of the Director Amendment No. 4 of 2017
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Biological

Beaver Island has some of the highest biological diversity of any Lake Michigan island. Natural
features surveys have identified numerous occurrences of threatened and endangered species and
species of special concern on the island. Beaver Island is well known for concentrations of
colonial nesters and as a stopover site for migratory birds.

In addition, the Great Lakes population of piping plovers is a federally-listed endangered species.
Critical habitat for this species was officially designated in 2001 including land use
considerations, which are located on Beaver Island from Indian Point to McCauley’s Point (5 km
of shoreline).

Rare species surveys were conducted at all proposed sites, and the Department will provide
educational outreach about the threatened and endangered species and what to do to avoid
harming the species if encountered. Enforcement action will be taken if illegal circumstances
arise.

In addition, invasive species such as Japanese knotweed, purple loosestrife, garlic mustard,
autumn olive, and phragmites exist on the island. Conservation will be a priority of the water
trails program and the Department plans to include extensive education regarding best practices
and additional work to ensure that more invasive species are not transferred to the island and that
existing invasive species are not transferred off the island.

Social

The Department is a member of the project advisory committee that has representatives from
local units of government, organizations, the Office of Great Lakes, businesses, paddle clubs and
individuals, Little Traverse Bay Bands of Odawa Indians and the Little Traverse Conservancy.

The Department is currently working with the Michigan State Historical Preservation Office, the
Tribal Historic Preservation Office of the Little Traverse Cay Bands of Odawa Indians, and other
representatives on the project advisory committee to provide historical, cultural, and educational
programs about Beaver Island at the designated campsites.

Economic

The water trail will be used by both local residents and visitors to the island. Local business,
outfitters, guides, and other recreational enthusiasts will benefit from the water trail. In addition,
this project will help promote the natural resource based economy by expanding recreational
opportunities and tourism on Beaver Island and will help promote Michigan as a water trails
state.
Designated Campsites on Beaver Island State Wildlife Research Area; Charlevoix County
Land Use Order of the Director Amendment No. 4 of 2017
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September 18, 2017

Relevant Divisions have contributed to the preparation of this order. This order was submitted
for information on September 14, 2017, at the Natural Resources Commission meeting. This
item appeared on the Department’s August calendar and may be eligible for approval on
October 12, 2017.

Russ Mason, Ph.D., Chief
Wildlife Division

Marc Miller, Acting-Chief
Forest Resources Division

James Dexter, Chief
Fisheries Division

Gary Hagler, Chief
Law Enforcement Division

Ronald A. Olson, Chief
Parks and Recreation Division

William O’Neill
Natural Resources Deputy
LAND USE ORDERS OF THE DIRECTOR

Amendment No. 4 of 2017

By authority conferred on the Director of the Department of Natural Resources by Section 504 of the Natural Resources Environmental Protection Act, 1994 PA 451, as amended, MCL 324.504, and in accordance with R 299.921 to R 299.933, the Director of the Department of the Natural Resources orders the following:

3.38 Beaver island state wildlife research area, Charlevoix county, camping, motorized vehicles, prohibited conduct.

Order 3.38 (1) A person shall not do any of the following on the Beaver island state wildlife research area, Charlevoix county:

(a) Camp in other than a designated campsite, as posted.

(b) Build or maintain an open fire, except in a self-contained cooking unit, a fire ring, or a grill in a designated campsite.

(c) Enter, use, or occupy any designated campsite with a motorized vehicle.

This amended order shall be posted on or after the 13th day of October, 2017.

Issued on this 12th day of October, 2017.

Keith Creagh
Director
SUBMITTED: August 14, 2017
RESUBMITTED: September 18, 2017

TO: Keith Creagh, Director

INFORMATION: Natural Resources Commission

SUBJECT: Park-Purchased Recreation Passport Convenience Fee

Authority:

The Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, authorizes the Director to approve various user fees within the Department, including a fee for resident Recreation Passports purchased at a state park.

324.74120 Rules.

Sec. 74120. The department may promulgate rules providing a method for an individual whose motor vehicle registration expires annually to purchase a Recreation Passport at a state park and state-operated public boating access site in addition to the method provided for in section 805 of the Michigan vehicle code, 1949 PA 300, MCL 257.805. The amount of the Recreation Passport purchased at a state park and state-operated public boating access is required to be paid under a method shall not exceed twice the amount provided for by the rule under this subsection 805 of the Michigan vehicle code, 1949 PA 300, MCL 257.805.

R 324.93 Recreation Passport; resident motor vehicle; fee required; method of purchase.

Rule 3. (1) The department shall require a fee and issue a Recreation Passport for a resident motor vehicle for entry to a state-operated boating access site or state park. The fee for a Recreation Passport for a resident motor vehicle issued at a state-operated boating access site or state park in 2014 and thereafter shall be designated by the department within the limits authorized by MCL 324.74120 and MCL 257.805.

Discussion and Background:

Authority to prohibit free entry of a motor vehicle into any state park or portion of a state park, to require a Recreation Passport for entry, and to set the fee is contained in Part 741, State Parks System of the Natural Resources and Environmental Protection Act, 1994 PA 351.

- Section 74116 authorizes the department to designate state parks or portions of the state parks where entry is permissible.
- Section 74120 authorizes the department to establish a method for individuals to acquire a Recreation Passport at a state park and state-operated public boating access site as well as to set fees for park-purchased resident Recreation Passports.
Park-Purchased Recreation Passport Convenience Fee
Page 2
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- Section 74122 established penalty authority under the Part which includes entry of a motor vehicle without the required permit or Recreation Passport.

The 2010 legislation requiring a Recreation Passport for entry of a resident motor vehicle into a Michigan state park, recreation area, and/or state-operated boating access site also established a process for Michigan residents to purchase a Recreation Passport. This process allows a resident, when they annually renew their vehicle registration through the Secretary of State (SOS), to purchase a Recreation Passport. If acquired at the time of renewal, their vehicle registration tab will display the letter “P” reflecting the purchase. Since some residents may forget or decide not to purchase at the time of annual registration, the SOS allows purchases to be made outside of this timeframe, but the individual is required to pay a $5 replacement tab cost.

Having the foresight to recognize that individuals may, through intent or oversight, not acquire the Recreation Passport at the time of vehicle registration, the Legislature allowed for sales at state parks, recreation areas and/or state-operated boating access sites. To facilitate purchases at these locations, specific rule-making authority was provided to the Department.

The Legislature expressed that the rules were to provide a method for an individual to purchase a Recreation Passport at a time other than when renewing a license tab. The legislation, when granting rule making authority, made an expressed distinction that when the ability to purchase a Recreation Passport is available at the time of annual vehicle registration, a charge, not to exceed twice the amount of that of the SOS, can be applied.

Prior to implementing an additional charge, the administrative rule requires the charge to be approved through an Order of the Director.

The ability to increase the costs of the Recreation Passport fee, at a rate not to exceed twice the amount of the fee paid at the SOS, provides a mechanism for the Department to recuperate expenses incurred for the sale of a Recreation Passport processed at a state park, recreation area and/or state-operated boating access site.

Proposal:

Since the introduction of the Recreation Passport, the resident cost when purchasing at a state park, recreation area and/or state-operated boating access site has remained consistent with the cost of acquiring it at the time of annual vehicle registration. However, during this same time period, the number of Recreation Passports sold at a state park, recreation area and/or state-operated boating access site has been on an upward trend from 3.4% in 2011 to over 4.8% in 2016.

Remaining consistent with the purpose, objective, and intent of the administrative rule to encourage individuals who have the ability to acquire their Recreation Passport at the time of their annual vehicle registration and to recognize the amount of staff time and effort expended to process a Recreation
Park-Purchased Recreation Passport Convenience Fee
September 18, 2017

Passport sale; it is recommended that the fee option authorized by the Legislature and further clarified by the administrative rule, be implemented through this Order of the Director.

The only exemption proposed would be related to 2018 Recreation Passport sales that occur on Belle Isle State Park. Until 2014 when Belle Isle became a state park, a fee was not required for entry. Given the unique history of Belle Isle and its recent inclusion into the state park system, it is recommended that implementation of the convenience fee be delayed for one year to allow for additional communication and outreach efforts related to the change.

Recommendation:

It is recommended that beginning January 1, 2018, and January 1, 2019 for Belle Isle, a park-purchased resident Recreation Passport include a $5 convenience fee when the resident has the ability to purchase it at the time they annually register their vehicle with the SOS. This $5 convenience fee aligns with the SOS $5 replacement tab fee.

Relevant Divisions have contributed to the preparation of this order. This order is being submitted for information and consideration. It appeared on the September 2017 DNR Business Calendar and may be eligible for approval on October 12, 2017 with an effective date of January 1, 2018.

Russ Mason, Ph.D., Chief
Wildlife Division

Marc Miller, Acting Chief
Forest Resources Division

James Dexter, Chief
Fisheries Division

Sharon Schafer, Chief
Finance and Operations Division

William O’Neill
Natural Resources Deputy

I approve the staff recommendations.

Keith Creagh
Director

Gary Hagler, Chief
Law Enforcement Division

Ronald A. Olson, Chief
Parks and Recreation Division

Kristin Phillips, Chief
Marketing and Outreach Division

Mark H. Hoffman
Chief Administrative Officer

Date Approved

10/12/17
SUBMITTED: August 14, 2017
RESUBMITTED: September 18, 2017

TO: Keith Creagh, Director

INFORMATION: Natural Resources Commission

SUBJECT: Renaming of the Lakelands Trail State Park in Recognition of the Significant Contribution made by Mr. Michael R. Levine

Authority:

The Natural Resources and Environmental Protection Act, 1994 PA 451, Part 741 authorizes the Director to designate state parks and recreations areas.

Discussion and Background:

The Lakelands Trail State Park was developed by converting abandoned railroad corridors into a gravel and asphalt surfaced trail. It is designed to accommodate hiking, bicycling and wheelchair use on the north side and horseback riding on the south side of the trail.

A portion of the Lakelands Trail State Park is improved between Stockbridge and Pinckney and is paved eastward from Putnam Township into Hamburg Township. As it is part of the larger Great Lake to Lake Trail Route 1 from South Haven to Port Huron and because portions of it are planned to be part of the Iron Belle Hiking Trail, it is significant to the statewide trail network.

Development of the Lakelands Trail State Park from Stockbridge to Jackson has been a priority of the Department, with funding being a primary challenge. It is only through securing commitments from multiple funding sources, including an award of a Michigan Natural Resources Trust Fund Grant, Recreation Trails Program Grant, and a Transportation Alternative Program (TAP) Grant administered by the Michigan Department of Transportation in combination with the generous financial contribution from Mr. Michael R. Levine. This contribution provided the $550,000 matching fund requirement of the TAP grant and an additional $650,000 to be used for additional trail improvements to the trail, outside of the limits of the Stockbridge to Jackson development.

While the donation to the Lakelands Trail State Park for development is significant, it is important to recognize some of Mr. Levine’s other contributions. These improvements include providing funding to local communities and organizations to further the development and connectivity of the trails, complete funding of an additional four (4) miles of trails through the prison area of the property, and contribution of funds for the construction of a trailhead on the trail.

Vastly increasing his philanthropic trail development pursuit, Mr. Levine recently pledged five million dollars to expand and improve three trails: the Lakelands Trail State Park, the Great Lakes to Lake Trail Route 1 and the Iron Belle Trail.
Renaming of the Lakelands Trail State Park in Recognition of the Significant Contribution made by Mr. Michael R. Levine
Page 2
September 18, 2017

Recommendation:

In recognition of the fact that the continued development of the Lakelands Trail State Park was significantly assisted by Mr. Michael R. Levine; in honor of his dedication to the continued development, maintenance and operation of the trail, which can be seen through the many local community grants he provides; and, in acknowledgment of his engaging presence in the construction process of the development, it is recommended that the Lakelands Trail State Park be renamed the “Mike Levine Lakelands Trail State Park”.

Relevant Divisions have contributed to the preparation of this order. This order was submitted for appearance on the September 2017 DNR Business Calendar and may be eligible for approval on October 12, 2017.

Russ Mason, Ph.D., Chief
Wildlife Division

Marc Miller, Acting Chief
Forest Resources Division

James Dexter, Chief
Fisheries Division

Sharon Schafer, Chief
Finance and Operations Division

William O’Neill
Natural Resources Deputy

Gary Hagler, Chief
Law Enforcement Division

Ronald A. Olson, Chief
Parks and Recreation Division

Kristin Phillips, Chief
Marketing and Outreach Division

Mark H. Hoffman
Chief Administrative Officer

I approve the staff recommendations.

Keith Creagh
Director

[Signature]
Date Approved

190
September 18, 2017

TO: Keith Creagh, Director

INFORMATION: Natural Resources Commission

Transaction: Sale of Surplus DNR-Managed Land
Highland Recreation Area, Metro District – Oakland County
Land Transaction Case #20170128

Sale: 5.17 acres

Sale Price: Minimum price to be determined by the Department. Sale price to be determined at auction.

Description: Oakland County, Highland Township; T03N, R07E, Section 23:
Part of the NE 1/4, more particularly described in the case file.

PA 240 of 2012: This parcel is south of the Mason-Arenac County line.

Authority: Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

Notice: This item will appear on the Department of Natural Resources (Department) October 3, 2017, calendar, and is eligible for approval on October 10, 2017. The transaction is also posted in a local newspaper as required by statute.

Acquired: Purchased in 1945 with LEFF, Game & Fish Sub-Fund.

Minerals: To be conveyed.

Comments: The proposed surplus parcel is of buildable size with private ownership on the north and the south and Waterbury Road on the east.

The disposal of this property does not have any impact effect on hunting or any other passive recreation activities in the Highland State Recreation Area.

The proposed land disposal was reviewed for approval by the Land Exchange Review Committee on August 17, 2017.

Proceeds will be deposited into the Land Exchange Facilitation Fund (LEFF), Game & Fish Sub-Fund. The LEFF allows the Department to sell rights in land and deposit the proceeds in a fund which can then be used to acquire replacement property.

Engagement: Local engagement will be completed as part of the auction process.
Recommendation:

(1) That the land be disposed of as surplus.

(2) That the proceeds of the sale be deposited in the Land Exchange Facilitation Fund, Game & Fish Sub-Fund.

(3) That the state retain aboriginal antiquities.

Russ Mason, Ph.D., Chief
Wildlife Division

Marc Miller, Acting Chief
Forest Resources Division

James L. Dexter, Chief
Fisheries Division

Ronald A. Olson, Chief
Parks and Recreation Division

William O’Neill
Natural Resources Deputy

Mark H. Hoffman
Chief Administrative Officer

I approve the staff recommendations.

Keith Creagh
Director

Date Approved 10/12/17
SALE OF SURPLUS DNR-MANAGED LAND
Metro District – Oakland County
Land Transaction Case #20170128

Section 23, T03N, R07W, Highland Township

- Surplus DNR land to be sold (5.17 acres)
- State land
- Private land
- DNR Project Boundary
September 18, 2017

TO: Keith Creagh, Director

INFORMATION: Natural Resources Commission

Transaction: Sale of Surplus DNK-Managed Land
Grayling Management Unit – Oscoda County
Land Transaction Case #20170008

Sale: 3.25 acres

Sale Price: Minimum bid to be determined by the Department. Sale price to be determined at auction.

Description: Oscoda County, Greenwood Township, T28N, R01E, Section 17: Part of the NW1/4 of SE1/4; and the SE1/4 of the SE1/4 lying easterly of the Consumers Energy line.

PA 240 of 2012: These parcels are north of the Mason-Arenac County line and will result in a decrease of 3.25 acres, to the total of DNR-Managed lands.

Authority: Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

Notice: This item will appear on the Department of Natural Resources (Department) October 3, 2017, calendar, and is eligible for approval on October 10, 2017. The transaction is also posted in a local newspaper as required by statute.

Acquired: By tax reversion in 1905 & 1939.

Minerals: To be retained.

Comments: The proposed surplus parcels in Greenwood Township are split off of a larger block of state ownership by a Consumers Power line. They are very small in size, do not offer any public benefit, and do not allow for resource management.

The proposed land disposal was reviewed for approval by the Land Exchange Review Committee on June 15, 2017.

Proceeds will be deposited into the Land Exchange Facilitation Fund (LEFF). The LEFF allows the Department to sell rights in land and deposit the proceeds in a fund which can then be used to acquire replacement property.

Engagement: Local engagement will be completed as part of the auction process.
Recommendation:

1. That the land be disposed of as surplus.
2. That the proceeds of the sale be deposited in the Land Exchange Facilitation Fund.
3. That the state retain mineral rights and aboriginal antiquities.

Russ Mason, Ph.D., Chief
Wildlife Division

Marc Miller, Acting Chief
Forest Resources Division

James L. Dexter, Chief
Fisheries Division

Ronald A. Olson, Chief
Parks and Recreation Division

William O’Neill
Natural Resources Deputy

Mark H. Hoffman
Chief Administrative Officer

I approve the staff recommendations.

Keith Creagh
Director

18/12/17
Date Approved
SALE OF SURPLUS DNR-MANAGED LAND
Grayling Management Unit – Oscoda County
Land Transaction Case #20170008

Section 17, T28N, R01E, Greenwood Township

- Surplus DNR land to be sold (3.25 acres)
- State land
- Private land
- DNR Project Boundary

08/17/2017

DNR Project Boundaries
TO: Keith Creagh, Director

INFORMATION: Natural Resources Commission

Transaction: Sale of Surplus DNR-Managed Land
Gaylord Management Unit – Antrim County
Land Transaction Case #20160258

Sale: 136.55 acres, Kearney Township; and 18.93 acres, Mancelona Township

Sale Price: Minimum bid to be determined by the Department. Sale price to be determined at auction.

Description: Antrim County, Kearney Township; T30N, R07W, Section 26: SW 1/4 of SW 1/4; Section 35: NW 1/4 of NW 1/4; Section 36: NE 1/4 of SE 1/4; Section 34: Part of the NE 1/4 of SE 1/4 and part of the SE 1/4 of NE 1/4 lying westerly of the Cedar River.
Antrim County, Mancelona Township, T29N, R05W, Section 18: N 1/2 of NW 1/4 of SW 1/4.

PA 240 of 2012: These parcels are north of the Mason-Arenac County line and will result in a decrease of 155.48 acres to the total of DNR-Managed lands.

Authority: Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

Notice: This item will appear on the Department of Natural Resources (Department) October 3, 2017, calendar, and is eligible for approval on October 10, 2017. The transaction is also posted in a local newspaper as required by statute.


Mineral: To be retained.

Comments: In Kearney Township, the 40-acre parcels in Sections 26 and 35 are not accessible due to the terrain, while the parcel in Section 36 is surrounded by private ownership. The two small parcels in Section 34 are adjacent to private ownership and access is semi-blocked by the existing residences.

The parcel in Section 18, Mancelona Township, is surrounded by private ownership.
The proposed land disposal was reviewed for approval by the Land Exchange Review Committee on June 15, 2017.

Proceeds will be deposited into the Land Exchange Facilitation Fund (LEFF). The LEFF allows the Department to sell rights in land and deposit the proceeds in a fund which can then be used to acquire replacement property.

Engagement: Local engagement will be completed as part of the auction process.

Recommendation: (1) That the land be disposed of as surplus.

(2) That the proceeds of the sale be deposited in the Land Exchange Facilitation Fund.

(3) That the state retain mineral rights and aboriginal antiquities.
Russ Mason, Ph.D., Chief
Wildlife Division

Marc Miller, Acting Chief
Forest Resources Division

James L. Dexter, Chief
Fisheries Division

Ronald A. Olson, Chief
Parks and Recreation Division

William O’Neill
Natural Resources Deputy

Mark H. Hoffman
Chief Administrative Officer

I approve the staff recommendations.

Keith Creagh
Director

10/12/17
Date Approved
SALE OF SURPLUS DNR-MANAGED LAND
Gaylord Management Unit – Antrim County
Land Transaction Case #20160258
Map 1 of 2

Sections 26, 34-36, T30N, R07W, Kearney Township

Surplus DNR land to be sold (136.55 acres)

State land
Private land
DNR Project Boundary

0 1,000 Feet
09/26/2017

DNR Project Boundaries
SALE OF SURPLUS DNR-MANAGED LAND
Gaylord Management Unit – Antrim County
Land Transaction Case #20160258
Map 2 of 2

Section 18, T29N, R05W, Mancelona Township

- Surplus DNR land to be sold (18.93 acres)
- State land
- Private land
- DNR Project Boundary

08/17/2017
September 18, 2017

TO:                  Keith Creagh, Director

INFORMATION:        Natural Resources Commission

Transaction:        Sale of Surplus UNR-Managed Land
                    Gaylord Management Unit – Otsego County
                    Land Transaction Case #20160143

Sale:               12.59 acres, Hayes Township; and 1 acre, Charlton Township

Sale Price:         Minimum price to be determined by the Department. Sale price to be
determined at auction.

Description:        Otsego County, Hayes Township; T30N, R04W, Section 3:
                    The S 100 ft of N 561 ft of NE 1/4 of SW 1/4; and W 452.9 ft of
                    E 2592.7 ft of SW 1/4 of NE frl 1/4.
                    Otsego County, Charlton Township, T29N, R01W, Section 23:
                    The E 150 ft of part of SE 1/4 of SE 1/4 lying north of 7th Spectacle Lake.

PA 240 of 2012:      These parcels are north of the Mason-Arenac County line and will result
                    in a decrease of 13.59 counted acres.

Authority:          Natural Resources and Environmental Protection Act, 1994 PA 451, as
                    amended.

Notice:             This item will appear on the Department of Natural Resources
                    (Department) October 3, 2017, calendar, and is eligible for approval on
                    October 10, 2017. The transaction is also posted in a local newspaper
                    as required by statute.


Minerals:           To be retained.

Comments:           The proposed surplus parcels are isolated from other state lands and
                    are adjacent to private ownership.

                    The parcels in Hayes Township both have a managed red pine
                    plantation on them and are marked for timber harvest.

                    The parcel in Charlton Township is a small parcel that abuts Seventh
                    Spectacle Lake. There is no known access to this parcel.

                    The proposed land disposal was reviewed for approval by the Land
Proceeds will be deposited into the Land Exchange Facilitation Fund (LEFF). The LEFF allows the Department to sell rights in land and deposit the proceeds in a fund which can then be used to acquire replacement property.

Engagement: Local engagement will be completed as part of the auction process.

Recommendation: (1) That the land be disposed of as surplus.

(2) The timber shall either be harvested on the Hayes Township parcels prior to the auction, or the timber rights reserved as a condition of the sale.

(3) That the proceeds of the sale be deposited in the Land Exchange Facilitation Fund.

(4) That the state retain mineral rights and aboriginal antiquities.
Russ Mason, Ph.D., Chief
Wildlife Division

Marc Miller, Acting Chief
Forest Resources Division

James L. Dexter, Chief
Fisheries Division

Ronald A. Olson, Chief
Parks and Recreation Division

William O’Neill
Natural Resources Deputy

Mark H. Hoffman
Chief Administrative Officer

I approve the staff recommendations.

Keith Creagh
Director

10/12/17
Date Approved
SALE OF SURPLUS DNR-MANAGED LAND
Gaylord Management Unit – Otsego County
Land Transaction Case #20160143
Map 1 of 2

Section 3, T30N, R04W, Hayes Township

/\ Surplus DNR land to be sold (12.59 acres, 2 parcels)
\ State land
\ Private land
--- DNR Project Boundary

\ Feet
0 1,000
08/21/2017

DNR Project Boundaries
SALE OF SURPLUS DNR-MANAGED LAND
Gaylord Management Unit – Otsego County
Land Transaction Case #20160143
Map 2 of 2

Section 23, T29N, R01W, Charlton Township

- Surplus DNR land to be sold (1.00 acre)
- State land
- Private land

08/2/2017
September 18, 2017

TO: Keith Creagh, Director

INFORMATION: Natural Resources Commission

Transaction: Sale of Surplus DNR-Managed Land
Baraga Management Unit – Ontonagon County
Land Transaction Case #20050472

Sale: 79 acres

Sale Price: Minimum bid to be determined by the Department. Sale price to be determined at auction.

Description: Ontonagon County, McMillan Township; T47N, R40W, Section 5:
The S 1/2 of the NE 1/4.

PA 240 of 2012: These parcels are north of the Mason-Arenac County line and will result in a decrease of 79 counted acres.

Authority: Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

Notice: This item will appear on the Department of Natural Resources (Department) October 3, 2017, calendar, and is eligible for approval on October 10, 2017. The transaction is also posted in a local newspaper as required by statute.


Minerals: To be conveyed.

Comments: The proposed surplus parcels in McMillan Township have access off of South Fair Oaks Road. The United States Forest Service (USFS) boarders on the south and private ownership on the remaining two sides.

The property was offered to the USFS following the Phase III disposal process with no response.

The proposed land disposal was reviewed for approval by the Land Exchange Review Committee on June 15, 2017.

Proceeds will be deposited into the Land Exchange Facilitation Fund (LEFF). The LEFF allows the Department to sell rights in land and deposit the proceeds in a fund which can then be used to acquire replacement property.
Engagement: Local engagement will be completed as part of the auction process.

Recommendation:

(1) That the land be disposed of as surplus.

(2) That the proceeds of the sale be deposited in the Land Exchange Facilitation Fund.

(3) That the state retain aboriginal antiquities.

I approve the staff recommendations.

Keith Creagh
Director

Date Approved 10/12/17
SALE OF SURPLUS DNR-MANAGED LAND
Baraga Management Unit – Ontonagon County
Land Transaction Case #20050472

Section 5, T47N, R40W, McMillan Township

\[\text{Surplus DNR land to be sold (79 acres)}\]
\[\text{National forest land}\]
\[\text{Private land}\]
September 18, 2017

TO: Keith Creagh, Director

INFORMATION: Natural Resources Commission

Transaction: State Forest Land Exchange
Sault Saint Marie Management Unit – Mackinac County
RET Holdings, LLC Exchange
Land Transaction Case #20160071

Applicant: Rex Troost, Grandville, MI

PA 240 of 2012: PILT Estimate: $323.00. The parcels involved in the exchange are north of the Mason-Arenac county line and will result in an increase of 0 counted acres.

Private Land Offered in Exchange: 80 acres
Location: Mackinac County, Grant Township, T42N, R01W, Section 22:
The W 1/2 of the SE 1/4. Along with a 30-foot wide easement over and across the SW 1/4 of Section 23; more particularly described in the case file.

Value: The offered 80-acre parcel is of equal size to the desired state-owned land. The parcels have comparable land characteristics and timber values.

State Land Desired in Exchange: 80 acres
Location: Mackinac County, Grant Township, T42N, R01W, Section 22:
The E 1/2 of the SE 1/4.

Value: The offered 80-acre parcel is of equal size to the desired state-owned land. The parcels have comparable land characteristics and timber values.

Authority: Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

Notice: This item will appear on the Department of Natural Resources (Department) October 3, 2017, calendar, and is eligible for approval on October 10, 2017.

Comments: The desired state land is adjacent to state-owned land on one side and is difficult to access for public use and for management purposes. The offered land consolidates with adjacent state-owned land, contains
similar cover types as the desired and provides for increased accessibility. In addition, the applicant will be conveying a management easement that will provide perpetual access to state-owned land in Section 23.

The desired state land was acquired by tax reversion in 1933.

The state will convey mineral rights on the desired parcel. The applicant will convey mineral rights on the offered parcel.

The proposed land exchange was reviewed and recommended for approval by the Land Exchange Review Committee on October 20, 2016.

Engagement: Certified letters were sent to Mackinac County and Clark Township on July 26, 2017, and neither expressed concerns.

Recommendation(s):

1. That the exchange be approved, with the state reserving aboriginal antiquities.

2. That the offered land be dedicated as part of the Sault Ste. Marie Management Unit.
I approve the staff recommendations.

Keith Creagh
Director

10/12/17
Date Approved
STATE FOREST LAND EXCHANGE
Sault Ste. Marie Management Unit – Mackinac County
Land Transaction Case #20160071

Sections 22 and 23, T42N, R01W, Clark Township

- State land desired from DNR (80 acres)
- Land offered to CNR in exchange (80 acres)
- Applicant's land
- State land
- Private land
- Easement offered to DNR in exchange (30 ft. wide)
- DNR Project Boundary

08/28/2017

0 1,000 Fest
September 18, 2017

TO: Keith Creagh, Director

INFORMATION: Natural Resources Commission

Transaction: State Forest Land Exchange
Gaylord Management Unit – Emmet County
Steffes Exchange
Land Transaction Case #20160188

Applicant: Daniel & Patricia Steffes, Alanson, MI

PA 240 of 2012: PILT Estimate: $107.00. The parcels involved in the exchange are north of the Mason-Arenac county line and will result in an increase of 6.61 counted acres.

Private Land Offered in Exchange: 26.61 acres
Location: Emmet County, Littlefield Township, T35N, R04W, Section 06:
Part of the S 1/2 of the SE 1/4; more particularly described in the case file.

Value: $32,000.00

State Land Desired in Exchange: 20 acres
Location: Emmet County, Littlefield Township, T35N, R04W, Section 07:
The N 1/2 of the NE 1/4 of the NE 1/4.

Value: $16,000.00

Authority: Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

Notice: This item will appear on the Department of Natural Resources (Department) October 3, 2017, calendar, and is eligible for approval on October 10, 2017.

Comments: The desired state land is not easily accessed by the public due to the surrounding ownership of the applicant. The offered land will be more accessible to the public and consolidate state ownership.

The desired state land was acquired by tax reversion in 1939.

The state will convey mineral rights on the desired parcel and the applicant will convey mineral rights on the offered parcel.
The proposed land exchange was reviewed and recommended for approval by the Land Exchange Review Committee on February 16, 2017.

Engagement: Certified letters were sent to Emmet County and Littlefield Township on March 2, 2017, and neither expressed concerns.

Recommendation(s):

1. That the exchange be approved, with the state reserving aboriginal antiquities.

2. That the offered land be dedicated as part of the Gaylord Management Unit.

Russ Mason, Ph.D., Chief
Wildlife Division

Marc Miller, Acting Chief
Forest Resources Division

James L. Dexter, Chief
Fisheries Division

Ronald A. Olson, Chief
Parks and Recreation Division

William O’Neill
Natural Resources Deputy

Mark H. Hoffman
Chief Administrative Officer

I approve the staff recommendations.

Keith Creagh
Director

Date Approved 10/12/17
STATE FOREST LAND EXCHANGE
Gaylord Management Unit – Emmet County
Land Transaction Case #20160188

Sections 6 and 7, T35N, R04W, Littlefield Township

- State land desired from DNR (20 acres)
- Land offered to DNR in exchange (26.61 acres)
- State land
- Private land
- DNR Project Boundary

0 Feet 1,000
08/25/2017
September 18, 2017

TO: Keith Creagh, Director

INFORMATION: Natural Resources Commission

Transaction: Reverter Exchange
Southern District – Ingham County
City of Lansing
Land Transaction Case #20170184

Applicant: City of Lansing, Lansing, MI

PA 240 of 2012: These parcels are south of the Mason-Arenac Line. This transaction will not change the number of acres of counted DNR-managed lands because the platted surface rights are currently owned by the applicant.

Private Land Offered in Exchange: 3.36 acres
Location: Ingham County, City of Lansing, T04N, R02W, Section 14:
Part of the Plat of Riverside, more particularly described in the case file.

Value: The offered restriction on the 3.36 acres is of equal size to the state’s reverter interest and the parcels have comparable land characteristics.

State Land Desired in Exchange: 3.36 acres
Location: Ingham County, City of Lansing, T04N, R02W, Section 14:
Part of the SE 1/4 of Section 14, more particularly described in the case file.

Value: The desired reverter interest on the 3.36 acres is of equal size to the restriction on the offered property and the parcels have comparable land characteristics.

Authority: Natural Resources and Environmental Protection Act, 1994 PA 451, as amended.

Notice: This item will appear on the Department of Natural Resources (Department) October 3, 2017, calendar, and is eligible for approval on October 10, 2017.

Comments: The desired property was part of 8.89 acres conveyed to the City of Lansing in 1947, by a public use deed that is subject to a reverter clause stating that the land is to be used for public purposes, and when it ceases to be used for that purpose, the land shall revert to the state. The City of Lansing is asking that the reverter interest be exchanged for placing a
restriction on the offered 3.36 acre property. The restriction acts as a reverter since the offered property may be used solely for public purposes and the only the state can consent and set the terms to any other purpose.

The desired state land was acquired by gift in 1917.

The state will retain mineral rights on the desired parcel. The applicant will retain mineral rights on the offered parcel.

The proposed land exchange was reviewed and recommended for approval by the Land Exchange Review Committee on August 17, 2017.

Engagement: The City of Lansing is the applicant and supports the transaction.

Recommendation(s):

1. That the exchange be approved, with the state releasing the reverter on the desired parcel and the restriction being placed on the offered property.
2. The state will retain the mineral rights and aboriginal antiquities on the desired parcel.
3. The applicant will retain the mineral rights on the offered property.
I approve the staff recommendations.

Keith Creagh
Director

10/12/17
Date Approved
REVERTER EXCHANGE
Southern District – Ingham County
Land Transaction Case #20170184

Section 14, T04N, R02W, City of Lansing

- State-owned reverter interest desired from DNR (3.36 acres)
- Reverter interest offered to DNR in exchange (3.36 acres)
- Reverter interest to be retained by DNR

08/28/2017

0 500 Feet

DNR Project Boundaries
TO: Keith Creagh, Director

INFORMATION: Natural Resources Commission

Transaction: Forest Resources Land Acquisition  
Sault Ste. Marie Management Unit – Chippewa County  
Little Traverse Conservancy - Gift of Land  
Land Transaction Case #20170170

Purchase: Gift of 63 acres

Funding Source: Gift

PA 240 of 2012: PILT Estimate: $254.00  
This parcel is north of the Mason-Arenac County line and will result in an  
increase of 63 counted acres. There are 63 excluded acres as a part of  
this transaction.

Description: Chippewa County, Soo Township, T47N, R01W, Section 22:  
The SW 1/4 of the NW 1/4.

Chippewa County, Raber Township, T43N, R03E, Section 10:  
Government Lot 1.

Donor: Little Traverse Conservancy, Harbor Springs, MI

Authority: Natural Resources and Environmental Protection Act, 1994 PA 451, as  
amended.

Notice: This item will appear on the Department of Natural Resources  
(Department) October 3, 2017, calendar, and is eligible for approval on  
October 10, 2017.

Management Purpose: This property will be managed as part of the Sault Ste. Marie  
Management Unit.

Comments: The parcel in Soo Township is mostly forested wetlands and is adjacent  
to state forestland on three sides. A portion of the Algonquin Cross  
Country Ski Trail traverses the northwest portion of the parcel. The  
parcel in Raber Township is primarily forested, adjacent to state  
forestland to the south and contains over 1,320 feet of frontage on  
Munuscong Lake. This parcel is located in a significant waterfowl  
migratory area and the shoreline provides excellent habitat for waterfowl.  
Both parcels consolidate state ownership and provide for forest  
management, public recreational opportunities, and wildlife habitat.
The parcels will be received with restrictions imposed by the North American Wetlands Conservation Act (NAWCA) grant used to purchase them by the Little Traverse Conservancy.

The state already owns the mineral rights for these parcels.

Engagement: Certified letters were sent to Chippewa County and both Soo and Raber Township on September 7, 2017. None expressed concerns regarding this proposed land transaction.

Recommendation:

1. That the gift of land be approved with appreciation.

2. That the offered property be dedicated as part of the Sault Ste. Marie Management Unit.
I approve the staff recommendations.

Keith Creagh
Director

10/12/17
Date Approved
GIFT OF LAND
Sault Ste. Marie Management Unit – Chippewa County
Land Transaction Case #20170170

Section 22, T47N, R01W, Soo Township

Land to be gifted to DNR (40 acres)
- State land
- Private land
- DNR Project Boundary
- Soo Raco ORV Route
- Designated Ski Trails

Section 10, T43N, R03E, Raber Township

Land to be gifted to DNR (23 acres)
- State land
- Private land
- DNR Project Boundary

DNR Project Boundaries
September 18, 2017

TO: Keith Creagh, Director

INFORMATION: Natural Resources Commission

Transaction: Parks and Recreation Land Acquisition
Rocking Chair Falls PWAS – Marquette County
The Salazar Tract
Land Transaction Case #20170133

Purchase: 40 acres - $37,000.00

Funding Source: Dead River Mitigation Fund

PA 240 of 2012: PILT Estimate: $453.54
This parcel is located north of the Mason-Arenac County line and will result in
40 counted acres.

Description: Marquette County, Champion Township, T49N, R28W, Section 10:
The NW 1/4 of the NW 1/4.

Seller(s): Benigno G. Salazar, Toledo, Ohio.

Authority: Natural Resources and Environmental Protection Act, 1994 PA 451, as
amended.

Notice: This item will appear on the Department of Natural Resources
(Department) October 3, 2017, calendar, and is eligible for approval on
October 10, 2017.

Management Purpose: The property will be managed by the Parks and Recreation Division and the
Fisheries Division as part of the Mulligan Creek Public Water Access Site
(PWAS). It will provide additional lands for public outdoor recreation and
protection of significant natural features.

Comments: The property is a rectangular 40-acre parcel covered in a mix of hardwoods,
hemlock and pines on the higher portions, and a mix of wetland species of
trees and brush in the low land surrounding Mulligan Creek. The flood plain
of Mulligan Creek, which bisects the property, is a unique aquatic resource of
high quality conservation value. Mulligan Creek is a cold water trout habitat
that flows over a granite bedrock glade. This glade is rated as an "Imperiled
Ecosystem" by the Michigan Natural Features Inventory. Granite Bedrock
Glades occur in only three Michigan counties, with the majority of them in
Marquette County. The property is adjacent to state-owned land to the east
where Rocking Chair Falls straddles the property boundary. The property is
accessible from the north via an unimproved two-track road.
Acquisition of this parcel will contribute to the Department's goal of securing wildlife habitat, protecting unique ecological features and increasing public recreation opportunities.

The seller will convey mineral rights relative to this tract.

Engagement: The Marquette County Board of Commissioners and the Champion Township Board of Commissioners voted to support this purchase.

Recommendation: 1. That the acquisition be approved, with payment to be made from the Dead River Mitigation Fund, established pursuant to Consent Judgment 09-46863-CE.

2. This land is to be dedicated as part of the Mulligan Creek Public Water Access Site.
I approve the staff recommendations.

Keith Creagh  
Director
PARKS AND RECREATION LAND ACQUISITION
Rocking Chair Falls Public Water Access Site – Marquette County
The Salazar Tract
Land Transaction Case #20170133

Section 10, T49N, R23W, Champion Township

- Land to be acquired by DNR (40 acres)
- State land
- Private land
- DNR Project Boundary

0 Feet 1,000 Feet
08/17/2017

MARQUETTE CO.

DNR Project Boundaries