



AGENDA
CHARTER TOWNSHIP OF MERIDIAN
PARK COMMISSION REGULAR
MEETING
Tuesday, April 14, 2026, 4:30pm
Service Center

REGULAR MEETING - 4:30PM

1. CALL MEETING TO ORDER
2. ROLL CALL
3. PUBLIC COMMENT
4. PRESENTATION
5. APPROVAL OF AGENDA
6. APPROVAL OF MINUTES
 - A. February 17, 2026 Park Commission Regular Meeting Minutes
 - B. March 10, 2026 Park Commission Regular Meeting Minutes
7. COMMUNICATIONS
 - A. Meridian Conservation Club Calendar
 - B. Harris Nature Center Events
 - C. Historical Village Pond and Red Cedar River Eat Safe Fish
 - D. Spring Recycling Day
8. DISCUSSION ITEMS
 - A. Small Dog Park Shelter Resident Contribution
 - B. Parks & Recreation 5-Year Plan Survey Draft
9. ACTION ITEMS
 - A. Haslett Village Square Trailhead Donation
10. DIRECTOR'S REPORT
 - A. Red Cedar Regatta
 - B. Upcoming Events
 - C. Harris Nature Center Camps
 - D. Youth Sports
 - E. Farmer's Market - May 2, 2026
 - F. Parks & Recreation One-Page Flyer
11. PUBLIC COMMENT
12. OTHER MATTERS AND COMMISSIONERS' COMMENTS AND LIAISON REPORTS
13. CLOSED SESSION - Motion to enter closed session pursuant to MCL 15.263(1)(h) to discuss potential property acquisition.
14. ADJOURNMENT

All comments limited to 3 minutes, unless prior approval for additional time for good cause is obtained.

Individuals with disabilities requiring auxiliary aids or services should contact Parks & Recreation Director, Courtney Wisinski: 2100 Gaylord C. Smith Court, Haslett, MI 48864 or 517.853.4600 - Ten Day Notice is Required.



MINUTES
CHARTER TOWNSHIP OF MERIDIAN
PARK COMMISSION REGULAR
MEETING
Tuesday, February 17, 2026, 4:30pm
Service Center

REGULAR MEETING – 4:30PM

1. CALL MEETING TO ORDER
 - A. Chair Nardo-Farris called the meeting to order at 4:30 PM.

2. ROLL CALL
 - A. Present: Chair Nardo-Farris, Commissioners Lick, Phelps and Stephens
 - B. Commissioner McDonald arrived at 4:42 PM.
 - C. Staff present: Director Wisinski and Administrative Assistant Pachucki

3. PUBLIC COMMENT
 - A. Beth Betchel, Haslett resident, requested that the Park Commission pursue eliminating chemical use in land management practices at parks.

4. PRESENTATION
 - A. Meridian Township Parks & Recreation 5-Year Master Plan Process Kick-off
 1. Mike Hoffmeister of Mannik-Smith introduced himself to the Park Commission and presented on the Parks and Recreation 5-Year Master Plan. Mannik-Smith was brought on board to assist with the process, including the public engagement section. Hoffmeister shared a tentative timeline, with a deadline of February 1st, 2027, to submit to the Michigan Department of Natural Resources. Commissioners asked questions about the public hearings, online and social media engagement, and outreach to under-represented groups. The commissioners also discussed moving up the timeline by a month in case there are any bottlenecks in the process.
 - B. Marshall Park Bioswale Project
 1. Deputy Township Manager/Director of Public Works Opsommer introduced the project, and representatives Dan Troia and Bob Ford from Spaulding DeDecker to present two concept plans for the bioswale at Marshall Park. The first concept plan focused on perennial wetlands, while the second concept plan focused on naturalized wetlands. Commissioners asked about ecological value of the two plans, public safety for children without visible sightlines, educational signage, and accessibility. The commissioners discussed a combination of the two concept plans – incorporating the mature trees at the southeast corner of the parcel from the second concept, and the wetland plants around the bioswale from the first concept plan.

Commissioner Lick motioned to accept the presentations as presented. Commissioner Phelps seconded.

VOICE VOTE: Motion carried unanimously.

5. APPROVAL OF AGENDA
 - A. Commissioner Lick moved to approve the agenda, as submitted. Commissioner Phelps seconded.

VOICE VOTE: Motion carried unanimously.

6. APPROVAL OF MINUTES
 - A. January 13, 2026 Park Commission Regular Meeting Minutes
 1. Commissioner Phelps moved to approve the January 13, 2026 regular meeting

minutes as presented. Commissioner Lick seconded.

VOICE VOTE: Motion carried unanimously.

7. COMMUNICATIONS

A. February Stewardship Calendar

1. Director Wisinski noted that this calendar was previously included in the January 2026 Park Commission packet, and there had been no changes since that meeting. Land Stewardship Coordinator Emma Campbell had to cancel a few Weekday Warriors in the last few weeks due to below-zero temperatures, but there are a core group of volunteers that come out to the events even in suboptimal conditions.
2. Commissioner McDonald moved to place the communication received on file. Commissioner Lick seconded.

VOICE VOTE: Motion carried unanimously.

8. DISCUSSION ITEMS

- A. Meridian Township Parks & Recreation 5-Year Master Plan Process
- B. Marshall Park Bioswale Project
- C. Commissioner Lick moved to remove Item 8.A. and 8.B. from the Discussion Items, as they were already presented on earlier in the meeting. Commissioner Phelps seconded.

VOICE VOTE: Motion passed unanimously.

Commissioner Stephens left the meeting at 5:52 PM.

9. ACTION ITEMS

- A. There were no action items on the agenda.

10. DIRECTOR'S REPORT

A. Red Cedar Regatta

- a. The inaugural Red Cedar Regatta will be held on Saturday, May 16th. Details are underway, and registration will open after the Quiet Waters Symposium. Director Wisinski will share information on the Regatta at the March meeting, but wanted to make the Park Commission aware to save the date.

B. Budget Updates

- a. Director Wisinski noted that nothing had been expended in 2026.

C. Cricket Updates

- a. Director Wisinski shared that the cricket community has not answered her last communication, and that she will follow up before the next meeting. Commissioner Phelps mentioned that there may be an opportunity to host pop-up clinics for cricket like the rugby clinic last summer.

D. Small Dog Park Shelter Updates

- a. Director Wisinski shared progress on researching options for a transit shelter that was prepared by Kati Adams, Parks and Land Preservation Superintendent. The three options presented vary in cost and size. The commissioners discussed how the new shelter will take away from existing space, and the cost of the three options presented. Director Wisinski will meet with representatives from the Small Dog Park, share the progress made, and report back on the meeting.

E. Senior Center – Water Pipe Break

- a. There was an interior water pipe break that occurred at the Meridian Senior Center on February 1st. Meridian Township is working with Okemos Public Schools to repair and replace the reception desk area. Meridian Township will repair or replace any other physical equipment damaged during the leak. Chair Nardo-Farris inquired how many members travel during the winter months. Director Wisinski said she would check with Coordinator Wisdom.

Commissioner McDonald left the meeting at 6:33 PM.

11. PUBLIC COMMENT
 - A. There was no public comment.

12. OTHER MATTERS AND COMMISSIONERS' COMMENTS AND LIAISON REPORTS
 - A. Chair Nardo-Farris reminded the Park Commission that the next meeting will be on Tuesday, March 10th at the Service Center at 4:30 PM.

13. ADJOURNMENT
 - A. Chair Nardo-Farris adjourned the meeting at 6:51 PM.

All comments limited to 3 minutes, unless prior approval for additional time for good cause is obtained.

Individuals with disabilities requiring auxiliary aids or services should contact Parks & Recreation Director, Courtney Wisinski: 2100 Gaylord C. Smith Court, Haslett, MI 48864 or 517.853.4600 - Ten Day Notice is Required.

Dear Meridian Township Park Commission Board Members,

I respectfully ask that you commit to providing a non-toxic township community by reducing and eventually eliminating the use of toxic synthetic chemicals for township land management for invasive species, field turf management, etc. All communities' residents and employees have the right to be healthy. Please add non-toxic GoatScaping Services to the toolbox of strategies combined with mulching, native ground covers, manual removal, controlled burns, natural non-toxic bio-herbicides and natural non-toxic bio-pesticides for management of invasive species, field turf management, etc.

Please note that even small spot-treatments applications of toxic synthetic chemicals such as Glyphosate, Triclopyr, etc. disrupt soil microbiomes and create long-term toxic synthetic chemicals' dependency. Additionally, please note in in a USA Today article dated October 14, 2025, it states that Bayer (Monsanto) has been ordered to pay \$600 million judgment in a lawsuit claiming its Glyphosate product Roundup herbicide causes cancer. Thus far, Bayer (Monsanto) has paid out approximately \$11 billion to settle nearly 100,000 lawsuits related to its Glyphosate product Roundup with thousands of court cases still pending. Significant health concerns also exist regarding toxic synthetic chemical Triclopyr. Moreover, GoatScaping Services are cost-effective and provide predictable contracts, reduced chemical and labor costs, plus provide natural fertilization, etc. that helps restore soil health in the long term.

Additionally, natural bio-herbicides and natural bio-pesticides are proven very effective with reduced costs over the long-term, such as the products EPA Registered bio-herbicide Contact Organics (now Firehawk) (<https://www.contactorganics.com> & <https://livkleen.com/about-livkleen/>), EPA Registered bio-pesticide Orange Guard (<https://orangeguard.com/>), etc.

To protect the health of Meridian Township residents and employees, I respectfully ask this Board take a **first step with a GoatScaping Services pilot program** to help manage invasive species, field turf surfaces, etc. along with starting the process of using natural bio-herbicides and natural bio-pesticides. Additionally, since last month, I shared these public comments at the Land Preservation Advisory Board meeting, I respectfully also ask that this Board collaborate together with the Land Preservation Advisory Board and Staff with these healthy and long-term cost effective endeavors. I am providing you a folder of resources of both health information and a 6-page contact list of Michigan GoatScaping Services and their respective clients for references.

Thank you,
Beth Bechtel
Haslett, MI



Meridian Charter Township

Parks & Recreation Master Plan

Kick Off Meeting: February 17, 2026

The Meridian Charter Township Parks and Recreation Master Plan will follow the format suggested by the Michigan Department of Natural Resources in the *Guidelines for the Development of Community Park, Recreation, Open Space and Greenway Plans* (IC1924- Rev. 4/26/2021) as illustrated in the diagram below.

Planning Process

MDNR Suggested Format

Community Description Administrative Structure Park Inventory	Description of Planning Process Community Description Administrative Structure Parks and Recreation Inventory
Needs Assessment	Needs Assessment & Public participation
Master Plan	Goals and Objectives Action Program Plan Adoption

1. Community Description/Administrative Structure

- Update the demographic, physical, and land use characteristics of the Township using Township or County data.
- Update the description of the current administration of parks and recreation services and the role of parks and recreation in the Township including a description of any partnerships with other organizations such as the schools, volunteers, or community groups.

2. Park Inventory

- Update the description of the Township parks and recreation facilities as well as the nearby regional recreation facilities including federal, state, county, township, schools, and other parks and recreation facilities.
- Update the assessment of the accessibility of each Township park to people with disabilities and information on previous MDNR grant-assisted projects.
- Assess park facility conditions and formulate conclusions regarding opportunities and needs.

3. Needs Assessment

- Provide a comparison to national recreation standards.
- Analyze the results of the online survey and public/stakeholder input process and develop recommendations for the plan’s goals and objectives.



4. Master Plan

- Develop a draft plan using MDNR guidelines.
- Provide draft plan to the Township Park Commission for review and revisions as needed.
- Submit copies of draft plan for the required 30-day public review.
- Discuss comments received and desired revisions of draft plan at a Park Commission meeting and seek recommendations for Township Board adoption.
- Present and seek Township Board adoption following a public hearing.
- Assemble required documents, prepare certification checklist, and submit plan to regional agencies.
- Assist the Township with the online MDNR submittal of the plan.

Master Plan Estimated Timeline

Date	Tasks and Milestones	Meetings
February 2026	Kick-off meeting with staff and Park Commission, review and update background information and existing conditions.	PC
April-June 2026	Conduct online resident survey & polls	
June-August 2026	Public Input Session(s), Stakeholder Meetings and Focus Groups Conduct public input session for additional public input including public Park Commission meeting.	PC/PI
August-September 2026	Prepare a complete draft report	
October 2026	Park Commission Meeting Review preliminary draft Parks & Recreation Master Plan Action Requested: Set public hearing for November meeting	PC
Oct-Nov 2025	Required 30-day public review period Make plan available at Township Hall, on the Township website, public notice of availability and November public hearing	
November 2026	Park Commission Meeting Formal public hearing, final review and recommendation to Board of Trustees	PC
December 2026	Township Board of Trustees Action Requested: Approval via resolution	BOT
January 2027	Submission to the Michigan Department of Natural Resources	

PI: Public Input Session

PC: Park Commission Meeting

BOT: Board of Trustees Meeting



MINUTES
CHARTER TOWNSHIP OF MERIDIAN
PARK COMMISSION REGULAR
MEETING
Tuesday, March 10, 2026, 4:30pm
Service Center

REGULAR MEETING – 4:30PM

1. CALL MEETING TO ORDER
 - A. Chair Nardo-Farris called the meeting to order at 4:32 PM.
2. ROLL CALL
 - A. Present: Chair Nardo-Farris, Commissioner Stephens
 - B. Absent: Commissioner Phelps – excused, Commissioners Lick and McDonald – unexcused
 - C. Staff present: Director Wisinski and Administrative Assistant Pachucki
 - D. Guest: Richard Miksicek, Environmental Commission liaison

Because quorum was not reached, the regular meeting was discussion only.

3. PUBLIC COMMENT
 - A. There was no public comment.
4. PRESENTATION
 - A. There were no scheduled presentations.
5. APPROVAL OF AGENDA
 - A. The agenda was not able to be approved, due to the lack of quorum.
6. APPROVAL OF MINUTES
 - A. February 17, 2026 Park Commission Regular Meeting Minutes
 1. The minutes of the February 17, 2026 meeting will be reviewed at the April 14th, 2026 meeting.
7. COMMUNICATIONS
 - A. March Stewardship Calendars
 - B. April Stewardship Calendars
 1. Director Wisinski shared the Stewardship Calendars with the present members of the Park Commission and highlighted the statewide Vernal Pool Monitoring initiative that is kicking off in March, and the events celebrating Earth Day in April.
8. DISCUSSION ITEMS
 - A. There were no discussion items.
9. ACTION ITEMS
 - A. There were no action items.
10. DIRECTOR'S REPORT
 - A. Budget Updates
 - a. Director Wisinski reported out about the 2026 CIP projects. The proposal for design and engineering for the NRTF grant trailhead is out to bid now. Director Wisinski will review proposals as they come in. DALMAC reached out with additional questions about the grant proposal, and Director Wisinski answered the questions. Parks and Land Preservation Superintendent Adams is evaluating contractors and gathering quotes for the pavilion and restroom renovation at Nancy Moore Park. Director Wisinski noted that the funding for the windscreens at the Farmers' Market are restricted funds – whatever is not used does not go back into the general fund. The

water trail landings with the dock systems at Ferguson and Harris Nature Center are going through the EGLE permitting process with our vendor, Water's Edge.

- b. Chair Nardo-Farris asked if the Nancy Moore renovation would include a "face-lift" like at Central Park, and Director Wisinski affirmed.
- B. Small Dog Park Shelter Updates
- a. Parks staff met with members of the Small Dog Park and agreed upon an eight feet by fifteen feet shelter, which was the midsize option presented at the last Park Commission meeting. Parks and Land Preservation Superintendent Adams received a quote for \$20,000, which had a flat roof, so she is going to research a sloped style roof for the shelter.
 - b. Commissioner Stephens inquired if a local business may be open to sponsoring the project if they were able to get their logo on the shelter. Director Wisinski said that she would investigate.
- C. Millage
- a. Township Manager Dempsey presented to the Township Board about the upcoming millages for Meridian Township. The Township Board came to a consensus to place the Parks and Recreation millage on the November ballot. Ingham County has four millages on the August ballot, and there is almost always a higher voter turnout at the November election. Director Wisinski indicated at education to the community members will be necessary to inform them that the millage is a renewal, and not an additional increase. Pursuing a Headlee adjustment has not been decided at this time.
 - b. The commissioners noted that the May and August elections will test the waters regarding millages, and Chair Nardo-Farris was hopeful that the renewal language would encourage voters to approve the ballot proposal.
- D. Work Sessions
- a. Director Wisinski included information from the Township Clerk's office about "work sessions", which are considered to be a special meeting of the Park Commission, and will require public notice. If the Park Commission would like to hold a special meeting outside of the regular meeting schedule, advanced notice will be required so that the public has the opportunity to attend.
- E. Conference Report
- a. Director Wisinski; Parks and Recreation Specialists Devlin and Zegarzewski; Harris Nature Center Naturalist Goodman; and Chair Nardo-Farris attended the Michigan Parks and Recreation Association (mParks) Conference and Trade Show. Commissioner Stephens stopped by on the Thursday of the conference. Director Wisinski thought that the conference was informative (especially the Directors Meetings) and hopes to be more engaged in the Legislative Day at future conferences. She also enjoyed the recognition program, and wishes to nominate our people, parks, and programs more often for awards.
 - b. Chair Nardo-Farris shared about the workshops that she was able to attend, including Navigating Leadership Transitions. Commissioner Stephens asked if any other Park Commissioners attended, and Director Wisinski shared that none did.
- F. Pickleball Court Maintenance
- a. Director Wisinski concluded her report by stating that the pickleball courts will likely require full replacements in the very near future. To completely replace both Hillbrook and Towner Road courts, the cost will be \$240,000 for Hillbrook and \$165,000 for Towner Road. Parks and Land Superintendent Adams is gathering quotes for crack and fill treatments on the court for this year – the quotes are coming in around \$7,000 for Towner Road, and \$5,000 for Hillbrook. The \$13,000 does not include leveling.
 - b. Chair Nardo-Farris inquired about residents and frequent pickleball users contributing to the cost of the full replacement, similar to how the Park Commission asked the Small Dog Park members to contribute towards the shelter. Commissioner Stephens asked if there was a willingness to look at alternative materials, like how some pickleball courts use treated lumber for a wood structure. Director Wisinski said that she would consider this, and noted that the full replacement will be included on a future years' CIP.

11. PUBLIC COMMENT

- A. Richard Miksicek, Environmental Commission's liaison, informed the Park Commission on four updates from the Environmental Commission. The Environmental Commission heard a presentation from Carla Clos, Deputy Drain Commissioner for Ingham County, regarding the planned Haskins Drain Improvement project, which will reduce the duration of stormwater retention between the Champion Woods development, and Sundance Estates. The Environmental Commission will provide input and then move to Township engineering staff for approval. The commission received an update for the bioswale project at Marshall Park, and Environmental Commission Liaison Miksicek noted that the Park Commission had similar input regarding the plans from Spaulding-Decker presented at the February 17, 2026 Park Commission meeting. They also approved a resolution supporting the application for Congressionally Directed Spending (CDS) funding for the Township Solar Project at the Public Safety Building. The Environmental Commission also opened applications for the Green Grants program, with proposals due on March 31st.

12. OTHER MATTERS AND COMMISSIONERS' COMMENTS AND LIAISON REPORTS

- A. Commissioner Stephens asked Director Wisinski about the skating rink next to the former Old Chicago building as a potential space for the senior/community center. Director Wisinski said that the space was under contract but shared that Township Staff continues to review parcels as they prepare to go on the market, and revisit sites already considered.
- B. Chair Nardo-Farris informed the Commission that the next regularly scheduled meeting will be on Tuesday, April 14th at the Township Service Center at 4:30 PM.

13. ADJOURNMENT

- A. Chair Nardo-Farris adjourned the meeting at 5:48 PM.

~~All comments limited to 3 minutes, unless prior approval for additional time for good cause is obtained.~~

Individuals with disabilities requiring auxiliary aids or services should contact Parks & Recreation Director, Courtney Wisinski: 2100 Gaylord C. Smith Court, Haslett, MI 48864 or 517.853.4600 - Ten Day Notice is Required.

APRIL

CONNECT
LEARN
CONSERVE



STEWARDSHIP SATURDAYS | 9:30 AM - 12 PM

These workdays occur every other Saturday year round.

- April 11th, Tihart Preserve, Invasive mustard pull
- April 18th, Earth Day Pull-Pizza-Pull Day!
 - 9:30 am - 12 pm | Harris Nature Center
 - 12 pm - 1:00 pm Pizza | HNC Pavilion
 - 1:30 pm - 3:30 pm | Legg Park (3900 Van Atta Road)



WEEKDAY WARRIORS | 1 - 3 PM | BI-WEEKLY

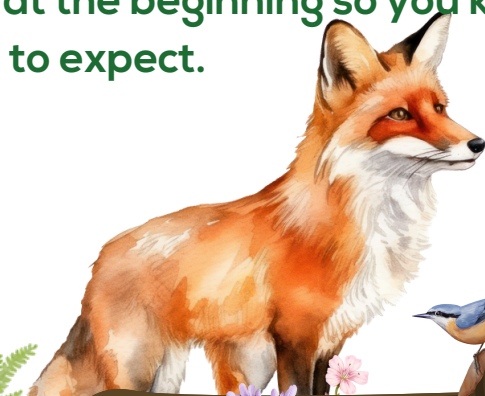
- April 9th, North Meridian Road Park, Invasive mustard pull & native plant inventory
- April 22nd, Davis Foster Preserve, Earth Day Invasive mustard pull & Trash pickup along Van Atta Road



TRAILSIDE ECOLOGY | Timberdoodle Sunset Walk | Davis Foster Preserve, 5120 Van Atta Rd, Okemos | 8 - 9:15 pm

- This special hike at dusk will focus on the American Woodcock, a shorebird that lives in young forests & shrubby old fields. We will watch for its dusk courtship display, called a sky dance. We will also talk about Prescribed Burns and how these management practices help birds like this one!

- Please note, we do not ever use recorded calls on walks to lure birds in. We will listen to one quietly at the beginning so you know what sounds to expect.



STEWARDSHIP

TRAILSIDE VERNAL POOL HIKE RESCHEDULED TO APRIL 11, 2:30 PM TO 4 PM AT NANCY MOORE PARK (1960 GAYLORD C. SMITH COURT, HASLETT)

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9 WEEKDAY WARRIORS 1-3 PM	10 Reschedule	11 STEWARDSHIP SATURDAY 9:30-12 PM
12	13	14 TIMBERDOODLE WALK 8 - 9:15 PM	15	16	17	18 EARTH DAY PULL & PIZZA TIME
19	20	21	22 EARTH DAY	23	24	25
26	27	28	29	30		

PLEASE RSVP TO EMMA AT ECAMPBELL@MERIDIAN.MI.US, OR 517.897.3610

*ALL EVENTS ARE WEATHER DEPENDENT & MAY BE CANCELLED THE DAY OF

Harris Nature Center

April

UPCOMING EVENTS

10

APR

Sensory Friendly Night

5:30 - 7:30 pm

12

APR

Dogs and Coffee

9:00 am

18

APR

**Campfire Program:
All About Frogs**

7:00 pm

23

APR

Chipmunk Story Time

10:00 am

26

APR

Wildflower Walk

1:00 pm

For more details or to register for programs,
visit meridian.mi.us/hnc

From: [Anthony Amoroso](#)
To: parks@ingham.org
Cc: [Courtney Wisinski](#)
Subject: PFOS contaminated fish at Lake Lansing
Date: Monday, April 6, 2026 2:54:16 PM
Attachments: [Screen Shot 2026-04-03 at 10.35.32 AM.png](#)
[SW_EAT_SAFE_FISH_GUIDE - SOUTHWEST_MI_WEB-2.pdf](#)

Hello,

I would like to bring to your attention the status of contaminated fish in Lake Lansing according to the Michigan Department of Health and Human Services. Can there be some type of warning to park visitors (if there already isn't one) posted? I'd hate for people to be consuming PFOS contaminated fish in our parks and not know it.

https://www.michigan.gov/mdhhs/-/media/Project/Websites/mdhhs/DEH/Eat-Safe-Fish/Documents/SW_EAT_SAFE_FISH_GUIDE_-_SOUTHWEST_MI_WEB.pdf?rev=ebf8bea2991940ea8eaaf74b97239af2&hash=4E7EDF5E45033EC0E7626118EF73C9EC



Thank you!
Anthony Amoroso

From: [Timothy Morgan](#)
To: amoramor1@icloud.com
Cc: [Courtney Wisinski](#)
Subject: RE: PFOS contaminated fish at Lake Lansing
Date: Friday, April 10, 2026 10:28:02 AM
Attachments: [image001.png](#)
[image002.jpg](#)
[image003.jpg](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[Eat Safe Fish in Michigan Brochure.pdf](#)
[Fish Dont Eat Lake Lansing cut past from Web site.docx](#)

Dear Anthony,

Thank you for bringing this to our attention.

We have lamented the attached brochure(s) and information for Lake Lansing fish and will be placing at both Lake Lansing South and the Boat Launch which the Ingham County Parks manages.

We have also posted a link on our web site to the state site. There is a link on our home page

https://pk.ingham.org/news_detail_T31_R161.php

Meridian Township, that you included on this email, has parks on the other two bodies of water.

Thank you again for sharing,

Tim

Sincerely,

Tim Morgan, CPRP & CTA
Director, Ingham County Parks
121 E. Maple St., Suite 102
Mason, Michigan 48854
517-244-7191 (Direct)
517-676-2233 (Park Information)
tmorgan@ingham.org
<http://parks.ingham.org>

Ingham County Logos_Final02



"The real art of conversation is not only to say the right thing at the right time, but more importantly is to leave unsaid the wrong thing at the most tempting moment."

"If in life you trip, make it part of the dance"

"Stewardship, giving, and generosity are not synonyms. Stewardship is a role, giving is an act, and generosity is an attitude."

"If you don't follow well, you can't lead well!"

"If service is beneath you, then leadership is beyond you"

"When you love what you have. Then you have everything you need."

"All you can take with you is that which you've given away. You get what you give"

"Do nothing out of selfish ambition or vain conceit. Rather, in humility value others above yourselves, not looking to your own interests but each of you to the interests of the others." "We have different gifts, according to the grace given to each of us. If your gift is prophesying, then prophesy in accordance with your faith; if it is serving, then serve; if it is teaching, then teach; if it is to encourage, then give encouragement; if it is giving, then give generously; if it is to lead, do it diligently; if it is to show mercy, do it cheerfully."



Vision: Great Parks of Ingham County

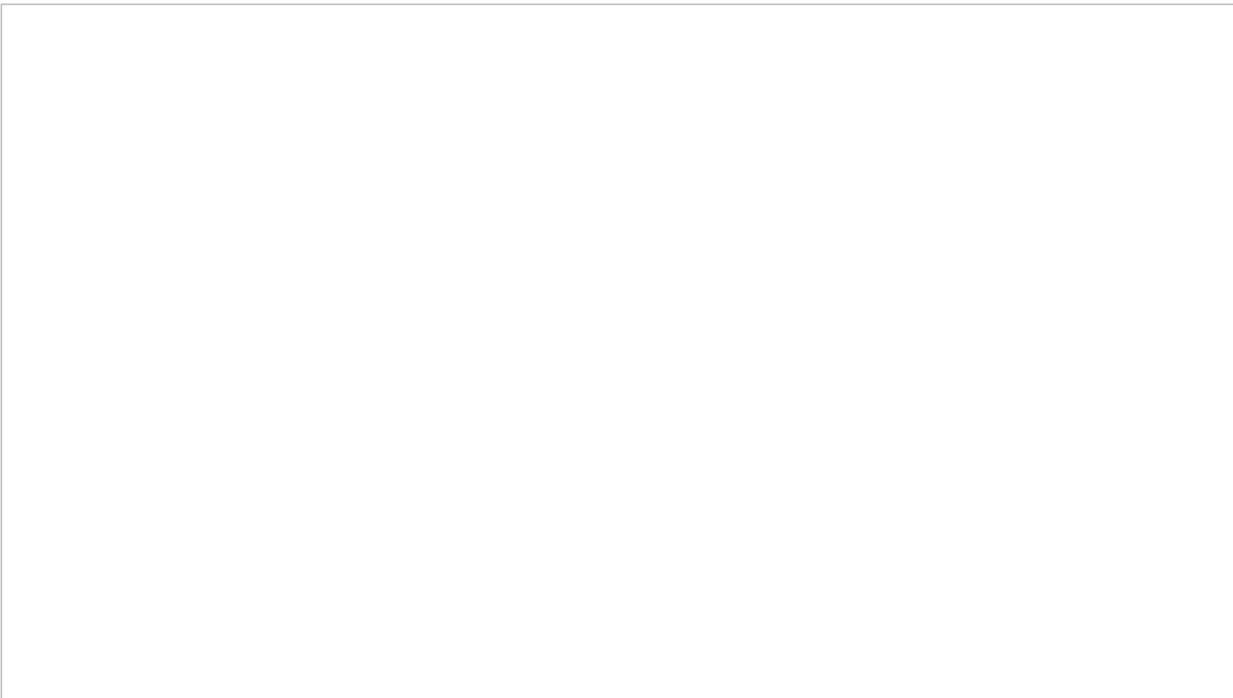
Mission: The Ingham County Parks and Recreation Commission will provide quality outdoor recreation opportunities and facilities for all.

From: Anthony Amoroso <amoramor1@icloud.com>
Sent: Monday, April 6, 2026 2:53 PM
To: parks <parks@ingham.org>
Cc: wisinski@meridian.mi.us <wisinski@meridian.mi.us>
Subject: PFOS contaminated fish at Lake Lansing

Hello,

I would like to bring to your attention the status of contaminated fish in Lake Lansing according to the Michigan Department of Health and Human Services. Can there be some type of warning to park visitors (if there already isn't one) posted? I'd hate for people to be consuming PFOS contaminated fish in our parks and not know it.

https://www.michigan.gov/mdhhs/-/media/Project/Websites/mdhhs/DEH/Eat-Safe-Fish/Documents/SW_EAT_SAFE_FISH_GUIDE_-_SOUTHWEST_MI_WEB.pdf?rev=ebf8bea2991940ea8eaaf74b97239af2&hash=4E7EDF5E45033EC0E7626118EF73C9EC





Thank you!
Anthony Amoroso

Michigan has more than 11,000 inland lakes, rivers, and streams, and the longest freshwater coastline in the country.

All of this water offers us a variety of fish that are fun to catch and great to eat.

Fish have great health benefits!

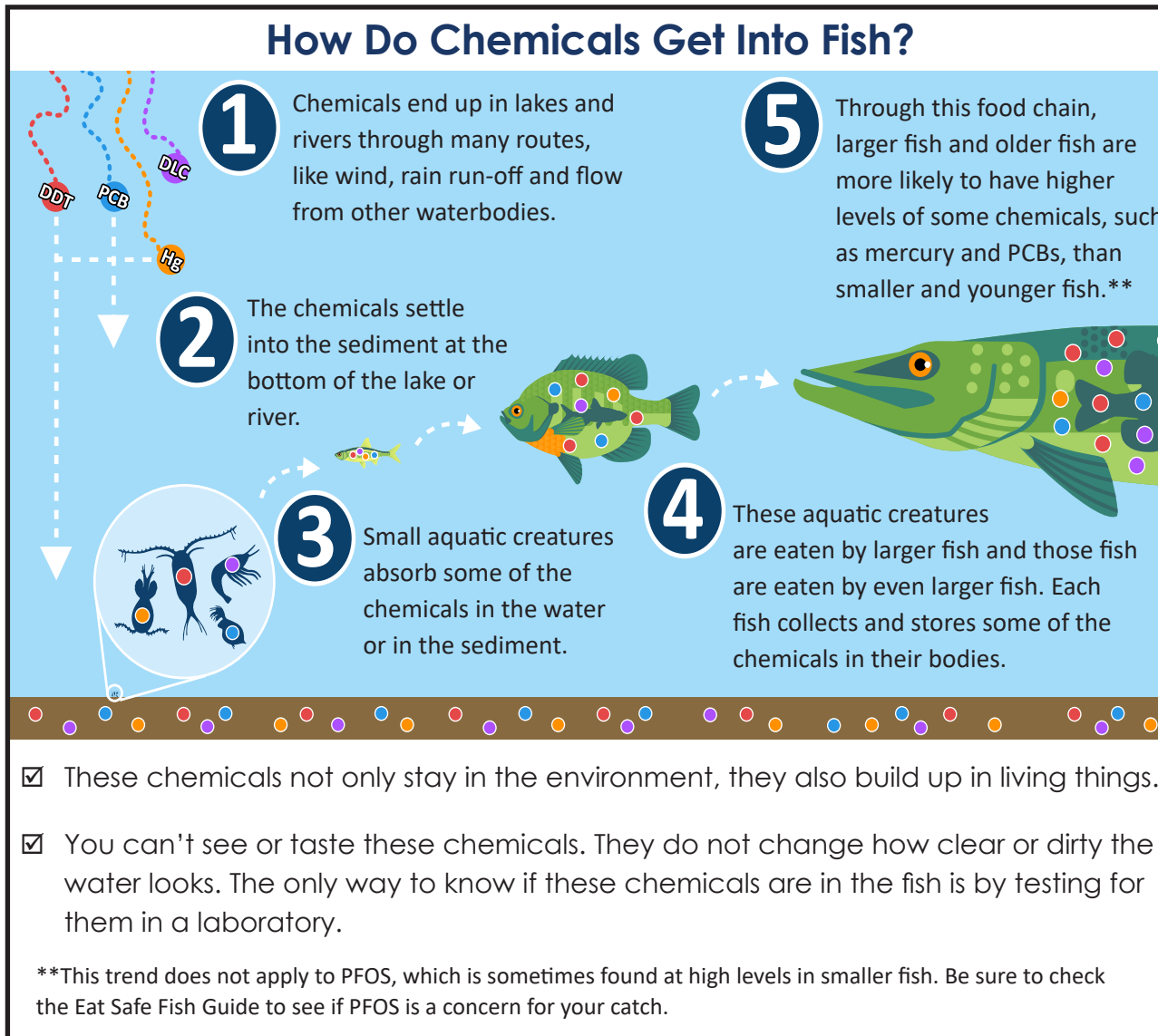
- Fish are an excellent source of low-fat protein, vitamins, and minerals.
- Eating fish is great for your brain.
- Some fish are packed with heart-healthy “good fats” called omega-3 fatty acids.

However, some fish caught in Michigan may have chemicals that can remain in your body and harm your health, such as PCBs, dioxins, mercury, and PFOS. Fish can store chemicals in many different places, including the fillet — the part you eat. When you eat the fish, the chemicals can build up in your body, too.

To get the health benefits of eating fish with less risk, it is important to choose fish that are lower in chemicals. The *Eat Safe Fish Guide* is designed to help you find fish with less chemicals and reduce your risk.

Catching fish • Buying fish • Eating fish

To obtain your free Eat Safe Fish Guide, call MDHHS at 800-648-6942 or visit us online at Michigan.gov/EatSafeFish.



MDHHS tests filets of fish taken from Michigan's lakes and rivers to learn which fish are safer to eat. The Eat Safe Fish Guide lists the fish that have been tested and how much is safe to eat.

Eat Safe Fish in Michigan

Learn about eating safe, local, and healthful fish from our Great Lakes State.

Michigan.gov/EatSafeFish

Get to know the 3Cs

By choosing the right fish and then cleaning and cooking it the right way, you can reduce some of the chemicals in the fish **by nearly half!**



You can lower the risk of harming your health from chemicals in fish by following the 3Cs—**Choose, Clean, Cook**. Following the 3Cs can remove up to half of some chemicals from fish.

Some people are at greater risk of harm to their health from the chemicals in some fish. Following the 3Cs and eating fish that are low in chemicals are especially important for:

- People who are planning to have children in the next several years.
- People who are breastfeeding.
- Children under the age of 15.
- People with health problems.
- People who eat fish more than a couple of times a year.

1 Choose

CHOOSE fish that have fewer chemicals.

- Choose smaller fish. They tend to have fewer chemicals stored in their filet.**

****This trend does not apply to PFOS, so be sure to check the Eat Safe Fish Guide to see if PFOS is a concern for your catch.**

- Choose to eat fewer large fish that eat smaller fish (like walleye) and fish that are bottom feeders (like catfish).
- Choose to use the **Eat Safe Fish Guide** to find safer fish to eat from Michigan lakes and rivers.

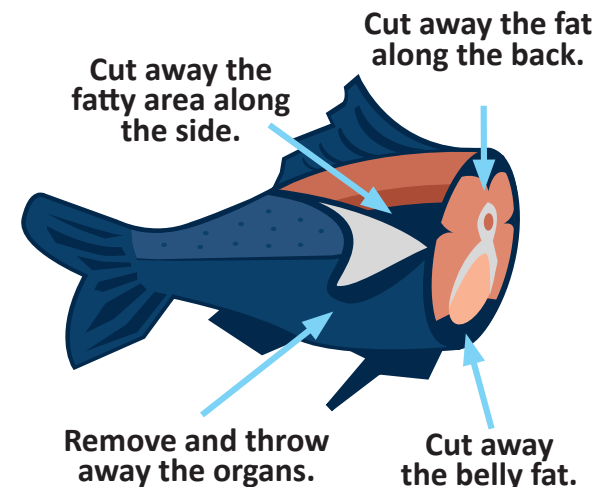
Need a **Guide**? Call MDHHS at 800-648-6942 or visit Michigan.gov/EatSafeFish.



2 Clean

CLEAN away the fat, skin, and organs of the fish to help cut out some of the chemicals.

- Some chemicals, like PCBs and dioxins are stored in the fat and organs of fish. By trimming away the dark fatty tissue and the organs, you can remove some of these chemicals from the fish.



MERCURY & PFOS: Mercury and PFOS can't be removed by trimming away fat. They are stored in the filet.

3 Cook

COOK fish in a way that gets rid of more fat.

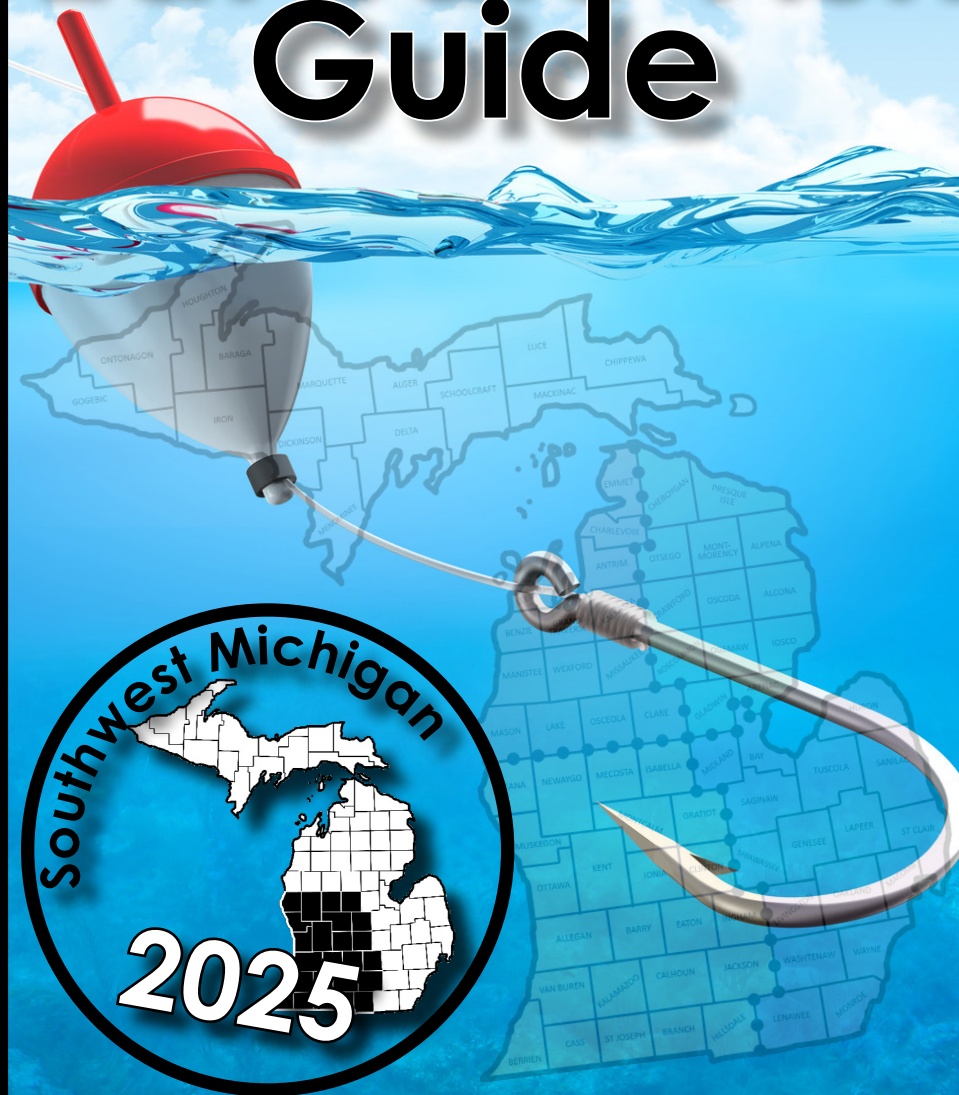
Even after trimming away all the dark fatty tissue, some fat is still hidden inside the filet. To help get rid of chemicals found in the filet, you can:

- Poke holes in the skin or remove the skin so the fat in the filet drips away as it cooks.
- Cook your fish on a grill or broil it in the oven so the fat can drip away.



Michigan Department of Health and Human Services'

Eat Safe Fish Guide



Some fish contain chemicals that can harm your health. MDHHS tests filets of fish taken from Michigan's lakes and rivers to learn which fish are safer to eat. The *Eat Safe Fish Guide* lists the fish that have been tested and how much is safe to eat.



Inside the Guide

About the Guide	5
Michigan DNR Fishing Laws.....	5
Questions About Eating Safe Fish?	5
Choosing Safer Fish	6
<i>MI Serving Size</i>	6
How much is a <i>MI Serving</i> ?	6
Are you pregnant?.....	6
Special MI Serving Categories	7
Get to know the 3Cs	8
Statewide Safe Fish Guidelines	9
Frequently Asked Questions (FAQs)	10
Common Michigan Fish	12
Fish Eating Guidelines by County	14



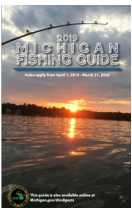
This page left blank on purpose.

About the Guide

The *Eat Safe Fish Guide (ESF Guide)* is provided by the Michigan Department of Health and Human Services (MDHHS).

- The fish listed under each lake or river in the *ESF Guide* have been tested for chemicals.
- Scientists from MDHHS test only the part of the fish you would eat — typically the filet — to determine the guidelines included in the *ESF Guide*.
- MDHHS uses the test results from the edible portions to find the average amount of chemicals in the fish species from that lake or river. They use this information to determine how much fish is safe to eat per month.
- The *ESF Guide* is not a rulebook. These are only guidelines to help you make safer choices for you and your family. You are not required to use it.
- The *ESF Guide* does not include rules and regulations about catching or keeping legally-sized fish.
- The *ESF Guide* provides advice for the size range of fish that are typically caught and eaten.

Michigan DNR Fishing Laws



You should get a copy of the *DNR Michigan Fishing Guide* when you purchase your fishing license. If you lost your *Fishing Guide* or have other questions about fishing legally, please call the Michigan Department of Natural Resources (DNR) at 517-284-5830 or visit Michigan.gov/Fishing.

Questions About Eating Safe Fish?

If you have questions about choosing safer fish to eat or would like the *ESF Guide* for another region, please call the Michigan Department of Health and Human Services at 800-648-6942 or visit Michigan.gov/EatSafeFish.



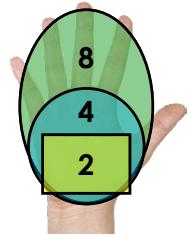
*Choosing Safer Fish

The guidelines in the *ESF Guide* are set to be safe for everyone. **This includes children, people who are pregnant or breastfeedings and people who have health problems, like cancer or diabetes.**

But the *ESF Guide* is also for healthy adults who want to avoid getting too many chemicals in their bodies. Polychlorinated biphenyls (PCBs), dioxins and perfluorooctane sulfonate (PFOS) are linked to cancer and other illnesses. Mercury can cause damage to your brain and nerves. MDHHS uses chemical limits in the *ESF Guide* that will protect everyone who eats fish.

MI Serving Size

- 8 ounces of fish = size of an adult's hand (large oval)
- 4 ounces of fish = size of the palm of an adult's hand (small circle)
- 2 ounces of fish = size of half a palm of an adult's hand (rectangle)



How much is a MI Serving?

Weight of Person	MI Serving Size
45 pounds	2 ounces
90 pounds	4 ounces
180 pounds	8 ounces

Weigh Less?

For every 20 pounds less than the weight listed in the table, subtract 1 ounce of fish.

For example, a 70 pound child's *MI Serving* size is 3 ounces of fish.
 $90 \text{ pounds} - 20 \text{ pounds} = 70 \text{ pounds}$
 $4 \text{ ounces} - 1 \text{ ounce} = \text{a } MI \text{ Serving size of } 3 \text{ ounces}$

Weigh More?

For every 20 pounds more than the weight listed in the table, add 1 ounce of fish.

For example, a 110 pound person's *MI Serving* size is 5 ounces of fish.
 $90 \text{ pounds} + 20 \text{ pounds} = 110 \text{ pounds}$
 $4 \text{ ounces} + 1 \text{ ounce} = \text{a } MI \text{ Serving size of } 5 \text{ ounces}$



Are you pregnant?

Fish is good for you and your baby! Use your pre-pregnancy weight to find your *MI Serving* size. It is best to avoid eating fish labeled as "Limited" if you're pregnant or breastfeeding.

Special MI Serving Categories

Limited[▲]

MDHHS suggests you **avoid eating all fish listed as “Limited”** because of higher levels of chemicals if you:



- Are under the age of 15.
- **OR** -
- Have health problems, like cancer or diabetes.
- **OR** -
- Might have children in the next several years, are currently pregnant or are breastfeeding.

If **NONE** of the above apply to you, it is usually OK to eat fish listed as “Limited” **one or two times each year**.

Do Not Eat[▲]

No one should eat fish listed as Do Not Eat, regardless of age or health.



When these fish were tested, MDHHS found very high levels of chemicals. Eating even one meal of these fish could possibly lead to health problems in the future, regardless of age or health.

Finding a Balance

Sometimes a child might eat more than 2 ounces of fish or a 180 pound adult might eat more than 8 ounces of fish in one sitting. It's OK; count the number of *MI Servings* you eat in that meal.

For example, let's say the 180 pound adult ate 16 ounces of fish during one meal. That is two *MI Servings* of fish for a person of that size. If the fish is listed as two, four or twelve *MI Servings* in the *ESF Guide*, they're still within their recommended range. If the fish is listed as one *MI Serving* per month or “Limited”, they might want to avoid eating other meals of fish for a while to give their body time to process the chemicals.

No one should eat any amount of fish listed as Do Not Eat in the *ESF Guide*.



Get to know the 3Cs



Choose

If you eat fish often, you can use the *ESF Guide* to choose the safest fish to eat from any Michigan lake or river.



Clean

To help cut out some of the chemicals in your fish, clean away the fat, skin and organs of the fish. Some chemicals, like PCBs and dioxins, are stored in the fat and organs. Note, you can't remove mercury or PFOS from your fish by trimming. Mercury and PFOS are stored in the filet.



Cook


Not only is grilling or broiling your fish healthier than frying, it also helps to get rid of more chemical-carrying fat. Cooking your fish on a grate lets the fat can drip away as it cooks. This removes even more chemicals.


If you follow the 3Cs carefully, you can remove up to half of the chemicals in your fish.

If you see the ^{2x} symbol, that means you can double the number of *MI Servings* per month, if:

- Mercury or PFOS are **not listed** in the “**Chemical of Concern**” column.
- The *MI Serving* is not listed as “**Limited**”.

For example:

Type of Fish	Chemical of Concern	Size of Fish (length in inches)	MI Servings per Month*	Can you double?
Brown Trout	Dioxins	Any Size	Limited [▲]	No, it is “Limited.”
 Burbot	PCBs	Any Size	12 ^{2x}	Yes! 24 meals are OK, if you follow the 3Cs.
Carp	Mercury	Any Size	4	No, mercury is listed as a chemical in the fish.

 Fish with eight *MI Servings* or more are considered the best choice to eat.

Use the Statewide Safe Fish Guidelines ONLY if:



- Your lake or river is not listed in the regional *Eat Safe Fish Guide*.

OR

- Your lake or river is listed in the *Eat Safe Fish Guide*, but the fish species is not listed.

Statewide Safe Fish Guidelines

Type of Fish	Chemical of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Any Size	4
 Bluegill	Mercury	Any Size	8
Brown Trout	Mercury	Any Size	4
Bullhead	Mercury	Any Size	4
Carp	PCBs	Any Size	2 ^{2x}
Catfish	Mercury, PCBs	Any Size	4
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Muskellunge	Mercury	Any Size	1
Northern Pike	Mercury	Under 30"	2
		Over 30"	1
Rock Bass	Mercury	Any Size	4
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1
 Suckers	Mercury	Any Size	8
 Sunfish	Mercury	Any Size	8
Walleye	Mercury	Under 20"	2
		Over 20"	1
White Crappie	Mercury	Any Size	4
Yellow Perch	Mercury	Any Size	4

These guidelines are based on the typical amount of chemicals found in fish filets tested from around the state. Some fish may be higher or lower. If any of these fish are listed in the guidelines for the lake or river you are fishing in, use **those** guidelines instead of statewide guidelines. The *MI Servings* recommendation will be more exact for that lake or river because those filets have been tested.

* See page 6

^{2x} See page 8

FAQs

How often is the Eat Safe Fish Guide (ESF Guide) updated?

The *ESF Guide* is updated regularly, but due to time and funding, not all fish from all bodies of water listed in the *ESF Guide* are tested every year. If there are special problems in the area, fish may be tested more often or sooner than planned.

PCBs, dioxins, mercury, PFOS and other chemicals that can be found in fish stay in our environment for a very long time. The amount of chemicals found in the fish is not expected to change a lot from year to year.



What part of the fish is tested for the ESF Guide?

While the entire headless, gutted smelt is tested for chemicals, for all other fish it is only the filets of the fish that are tested for chemicals. The skin is left on or taken off depending on common practice when cooking the fish. The organs and head are not tested for the *ESF Guide*. Internal organs (liver, fish eggs, etc.) typically have higher levels of chemicals than the filet and shouldn't be eaten.

Can I review the data myself?

Yes. All of the data, procedures and scientific reports used to create the *ESF Guide* are available online under Reports & Science at Michigan.gov/EatSafeFish. If you do not have internet access, call MDHHS at 800-648-6942 and we will provide you with the information.

Will I be able to tell if the fish are safe to eat by looking at them?

No. You will not be able to see any of the chemicals, even mercury or PFOS, in the fish. You also can't taste or smell the chemicals listed in the *ESF Guide*.

To find the chemicals, MDHHS tests the fish in a laboratory. MDHHS only tests the part of the fish that most people eat — typically the filets — for chemicals.

You can't see these chemicals in the water, either. Some very clear lakes or rivers can still have fish with higher levels of chemicals. If you eat a lot of Michigan fish, you can check the *ESF Guide* to find the safest options from the lake or river that you're fishing.



Is it safe to touch a fish that has chemicals in it?

Yes. You do not need to wear gloves or worry about getting the chemicals on you. They will not absorb into your skin from the fish.

Catch and release is almost always safe in Michigan regardless of where you're fishing. However, sometimes your local health department may issue a temporary warning against touching the water - including the fish that live in the water - because of problems like sewage overflow or harmful algae blooms.

You can contact your local health department or visit EGLE.state.mi.us/beach/ for local warnings about water quality.

Why should I use the Eat Safe Fish Guide?

If you eat fish, you might also be eating chemicals — like mercury, PCBs, PFOS or dioxins. These chemicals can stay in your body for a long time.

The *ESF Guide* is designed to protect everybody — men, women and children — who eats fish on a regular basis.

Using the *ESF Guide* and following the MI Serving suggestions will keep you from getting too many chemicals in your body at once. Scientists set the limits in the *ESF Guide* so that you are protected from possible health problems from the chemicals, no matter how long they stay in your body.

The *ESF Guide* is designed to protect any person who eats fish on a regular basis. If you are a healthy adult who is not pregnant and only eats Michigan fish once or twice a year from waters that are not posted with MDHHS signs, then you don't *need* to use the *ESF Guide*.

The 3Cs in the MDHHS *Eat Safe Fish in Michigan* brochure will help the occasional Michigan fish eater avoid eating too many chemicals. Call 800-648-6942 to get a free copy of the brochure.

You may choose to eat more fish than the *ESF Guide* recommends. These guidelines are not rules; it is your choice. Not everyone will get sick from eating too many of these chemicals. The chemicals in the fish won't make you sick right away, either. Some people will be fine after years of eating fish with these chemicals in them. Others can have health problems. It is difficult to know who might get sick from the chemicals in fish and who won't.

I don't see a fish species/fishing spot listed in the ESF Guide. What does this mean?

Michigan is lucky to have over 11,000 lakes, rivers and streams. Because of that huge number, it is not possible to test every fish species from every body of water in the state.

If you don't see the fish species you're planning to eat listed in the *ESF Guide* for your lake or river OR you don't see the lake or river listed at all, see page 9 for the **Statewide Safe Fish Guidelines**.

Common Michigan Fish

The fish listed here can be found in lakes and rivers around Michigan. Once you ID your fish, you can use the guidelines in this booklet to see how often the fish is safe to eat.



Black Crappie



Black Buffalo



Bluegill



Brook Trout



Brown Trout



Burbot



Carp



Channel Catfish



Chinook Salmon
(aka King Salmon)



Coho Salmon



Creek Chub



Gizzard Shad



Lake Herring



Lake Trout



Largemouth Bass
(aka Green Bass)

Fish are not to scale.

Common Michigan Fish

(continued)



Northern Pike



Muskellunge
(aka Muskie)



Pumpkinseed
(aka Sunfish)



Rainbow Trout



Rock Bass



Siscowet



Sheepshead
(aka Freshwater Drum)



Smallmouth Bass



Smelt



Sucker



Walleye



White Bass
(aka Silver Bass)



White Crappie



Whitefish



Yellow Perch

If you need more help finding out what kind of fish you caught, please visit Michigan.gov/FishID or call your local DNR Operations Center.

Fish are not to scale.

Fish Eating Guidelines by County

The fish species listed on the following pages have been tested for chemicals by the Michigan Department of Health and Human Services (MDHHS).

The guidelines issued by MDHHS are based only on the amount of chemicals in the filet of the fish — the part that you would eat.

All fish listed here are not tested every year. Because the chemicals found in fish don't break down quickly, the amount of chemicals in the fish will not change that much from year to year and neither will the guidelines.

If you would like to review the data collected to support these guidelines, they are available at Michigan.gov/EatSafeFish. If you do not have access to the internet or have additional questions, we are available at 800-648-6942, Monday-Friday, 8 a.m. to 5 p.m.



Michigan.gov/EatSafeFish

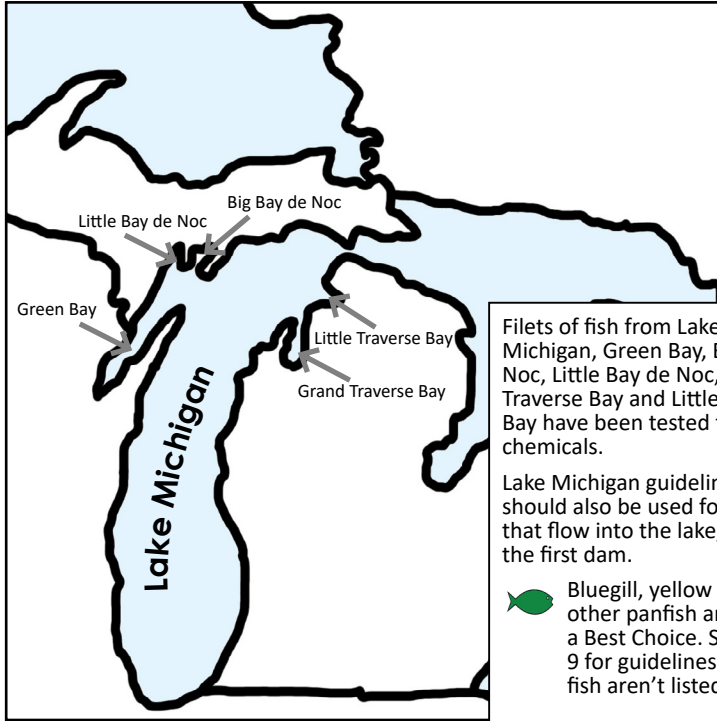
Contents

Lake Michigan	16
Allegan County	18
Barry County	24
Berrien County	29
Branch County	32
Calhoun County	36
Cass County	40
Clinton County	42
Eaton County	44
Gratiot County	48
Hillsdale County	51
Ingham County	52
Ionia County	57
Isabella County	60
Jackson County	62
Kalamazoo County	66
Kent County	72
Mecosta County	82
Montcalm County	84
Muskegon County	88
Newaygo County	93
Oceana County	99
Ottawa County	101
St. Joseph County	104
Van Buren County	109
What Are the Chemicals of Concern?	117

See page 112 for a list of all lakes and rivers included in this booklet.

Special thanks to the Michigan Department of Environment, Great Lakes, and Energy and the Michigan Department of Natural Resources for providing technical support for the development of the *Eat Safe Fish Guides*.

Lake Michigan



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Brown Trout	PCBs	Any	Limited [▲]
Burbot	PCBs	Any	1 ^{2x}
Carp	PCBs	Any	Do Not Eat [▲]
Chinook Salmon	PCBs	Any	6 Per Year ^{2x}
Coho Salmon	PCBs	Any	1 ^{2x}
Lake Herring	PCBs, PFOS	Any	2
Lake Trout	Dioxins	Under 24" Over 24"	6 Per Year ^{2x} Limited [▲]
Lake Whitefish	Dioxins, PCBs	Any	6 Per Year ^{2x}
Largemouth Bass	Mercury, PCBs	Under 18"	2
	Mercury	Over 18"	1

(Continued on the next page.)

Lake Michigan (continued)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Rainbow Trout	PCBs	Any	1 ^{2x}
Smallmouth Bass	Mercury, PCBs	Under 18"	2
	Mercury	Over 18"	1
Smelt	PFOS	Any	1
Steelhead	PCBs	Any	1 ^{2x}
Suckers	PCBs	Any	6 Per Year ^{2x}
Walleye	Mercury, PCBs, PFOS	Under 18"	2
		18" to 22"	6 Per Year ^{2x}
	PCBs	Over 22"	Limited [▲]
Yellow Perch	PCBs	Under 10"	4 ^{2x}
	Mercury, PCBs	Over 10"	4

Green Bay, Big Bay de Noc and Little Bay de Noc

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Do Not Eat [▲]
Largemouth Bass	Mercury, PCBs	Under 18"	2
		Over 18"	1
Northern Pike	Mercury	Any	1
Rock Bass	Mercury	Any	8
Smallmouth Bass	Mercury, PCBs	Under 18"	2
		Over 18"	1
Suckers	PCBs	Any	6 Per Year ^{2x}

Use the Lake Michigan guidelines for any fish species not listed above.




Allegan County



Filets of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.

 Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Black River

(including the North and Middle Branches, South Branch in Van Buren Co. and all tributaries)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Suckers	Mercury, PCBs	Under 16"	4
	Mercury	Over 16"	2

(Continued on the next page.)

Allegan County (continued)

Fenner Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 16"	2
		Over 16"	1
Smallmouth Bass	Mercury	Under 16"	2
		Over 16"	1

Hutchins Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 30"	1
		Over 30 "	6 Per Year

Kalamazoo Lake

(same guidelines as the Kalamazoo River downstream of Allegan Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PCBs	Any	Limited [▲]
Bluegill	PFOS	Any	Do Not Eat [▲]
Brown Trout	PCBs	Any	Do Not Eat [▲]
Carp	Dioxins, PCBs	Any	Do Not Eat [▲]
Catfish	PCBs	Any	Do Not Eat [▲]
Freshwater Drum	PCBs	Any	Do Not Eat [▲]
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Northern Pike	PCBs	Any	Do Not Eat [▲]
Rainbow Trout	PCBs	Any	Do Not Eat [▲]
Rock Bass	PCBs	Any	Limited [▲]
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Steelhead	PCBs	Any	Do Not Eat [▲]
Suckers	PCBs	Any	Limited [▲]
Sunfish	PFOS	Any	Do Not Eat [▲]

(Continued on the next page.)

Allegan County (continued)

Kalamazoo Lake

(continued from page 19)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Walleye	PCBs	Any	Limited [▲]
White Crappie	PCBs	Any	Limited [▲]
Yellow Perch	PCBs	Any	Limited [▲]
All Other Species	PCBs	Any	Limited [▲]

Kalamazoo River

(upstream of Allegan Dam to Morrow Dam in Kalamazoo Co., including Lake Allegan)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PCBs	Any	Do Not Eat [▲]
Bluegill	PCBs, PFOS	Any	Do Not Eat [▲]
Carp	PCBs	Any	Do Not Eat [▲]
Catfish	PCBs	Any	Do Not Eat [▲]
Largemouth Bass	PCBs, PFOS	Any	Do Not Eat [▲]
Northern Pike	PCBs	Any	Do Not Eat [▲]
Rock Bass	PCBs	Any	Do Not Eat [▲]
Smallmouth Bass	PCBs, PFOS	Any	Do Not Eat [▲]
Suckers	PCBs	Any	Do Not Eat [▲]
Sunfish	PCBs, PFOS	Any	Do Not Eat [▲]
Walleye	PCBs	Any	Do Not Eat [▲]
White Crappie	PCBs	Any	Do Not Eat [▲]
All Other Species	PCBs	Any	Do Not Eat [▲]

(Continued on the next page.)

Allegan County (continued)

Kalamazoo River

(downstream of Allegan Dam, including Kalamazoo Lake)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PCBs	Any	Limited [▲]
Bluegill	PFOS	Any	Do Not Eat [▲]
Brown Trout	PCBs	Any	Do Not Eat [▲]
Carp	Dioxins, PCBs	Any	Do Not Eat [▲]
Catfish	PCBs	Any	Do Not Eat [▲]
Freshwater Drum	PCBs	Any	Do Not Eat [▲]
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Northern Pike	PCBs	Any	Do Not Eat [▲]
Rainbow Trout	PCBs	Any	Do Not Eat [▲]
Rock Bass	PCBs	Any	Limited [▲]
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Steelhead	PCBs	Any	Do Not Eat [▲]
Suckers	PCBs	Any	Limited [▲]
Sunfish	PFOS	Any	Do Not Eat [▲]
Walleye	PCBs	Any	Limited [▲]
White Crappie	PCBs	Any	Limited [▲]
Yellow Perch	PCBs	Any	Limited [▲]
All Other Species	PCBs	Any	Limited [▲]

Lake Allegan

(same guidelines as the Kalamazoo River upstream of Allegan Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PCBs	Any	Do Not Eat [▲]
Bluegill	PCBs, PFOS	Any	Do Not Eat [▲]
Carp	PCBs	Any	Do Not Eat [▲]
Catfish	PCBs	Any	Do Not Eat [▲]

(Continued on the next page.)

Alleghan County (continued)

Lake Alleghan

(continued from page 21)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	PCBs, PFOS	Any	Do Not Eat [▲]
Northern Pike	PCBs	Any	Do Not Eat [▲]
Rock Bass	PCBs	Any	Do Not Eat [▲]
Smallmouth Bass	PCBs, PFOS	Any	Do Not Eat [▲]
Suckers	PCBs	Any	Do Not Eat [▲]
Sunfish	PCBs, PFOS	Any	Do Not Eat [▲]
Walleye	PCBs	Any	Do Not Eat [▲]
White Crappie	PCBs	Any	Do Not Eat [▲]
All Other Species	PCBs	Any	Do Not Eat [▲]

Lake Doster

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Sunfish	PFOS	Any	2

Osterhout Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1

(Continued on the next page.)

Pine Creek and Impoundment

(upstream of Jefferson Road Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PCBs	Any	4 ^{2x}
Carp	PCBs	Any	1 ^{2x}
Largemouth Bass	Mercury	Under 17"	2
		Over 17"	1
Smallmouth Bass	Mercury	Under 17"	2
		Over 17"	1
Sunfish	PCBs	Any	4 ^{2x}

Rabbit River

(upstream of Hamilton Dam, including the Hamilton Impoundment)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Rock Bass	Mercury, PCBs	Any	4
Suckers	Mercury	Under 16"	4
		Over 16"	2

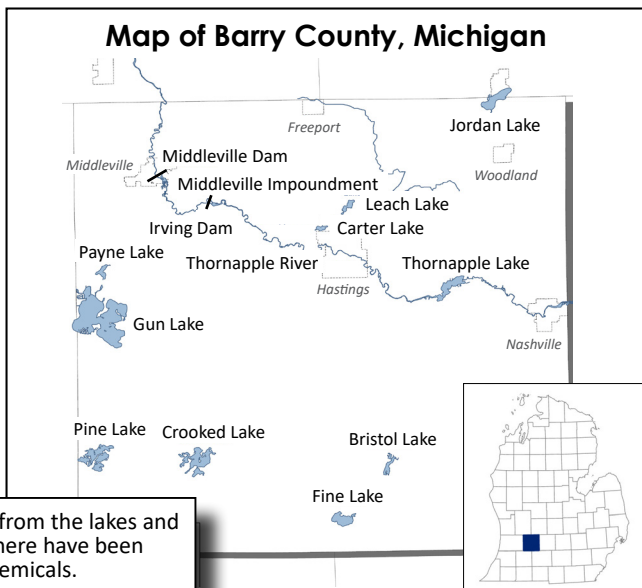
When fishing in the Rabbit River near the Kalamazoo River, please use the Kalamazoo River (downstream of Allegan Dam) guidelines on page 21.

Selkirk Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bullhead	Mercury	Any	1
Largemouth Bass	Mercury	Under 16"	2
		Over 16"	1
Smallmouth Bass	Mercury	Under 16"	2
		Over 16"	1

See which fish are safe to eat from Lake Michigan on Page 16.

Barry County



Filets of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.



Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Bristol Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Suckers	Mercury	Any	8



Carter Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	16
Sunfish	Mercury	Any	16



(Continued on the next page.)

Barry County (continued)

Crooked Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bullhead	Mercury	Any	2

Fine Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Any	1
Walleye	Mercury	Under 20"	4
		Over 20"	2

Gun Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year

Jordan Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	1 ^{2x}
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1

(Continued on the next page.)

Leach Lake



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	8
Largemouth Bass	Mercury	Any	1
Smallmouth Bass	Mercury	Any	1
Sunfish	Mercury	Any	8

Payne Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 30" Over 30 "	1 6 Per Year

Pine Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Under 9"	4
		Over 9"	2
Northern Pike	Mercury	Under 30"	1
		Over 30 "	6 Per Year
White Crappie	Mercury	Under 9"	4
		Over 9"	2

(Continued on the next page.)

Thornapple Lake

(same guidelines as the Thornapple River upstream of the Middleville Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Northern Pike	Mercury	Under 26"	2
		Over 26"	1
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Suckers	Mercury	Any	4
Sunfish	PFOS	Any	2

Thornapple River

(upstream of the Middleville Dam, which includes the Middleville Impoundment, the Irving Impoundment and Thornapple Lake)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Northern Pike	Mercury	Under 26"	2
		Over 26"	1
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Suckers	Mercury	Any	4
Sunfish	PFOS	Any	2

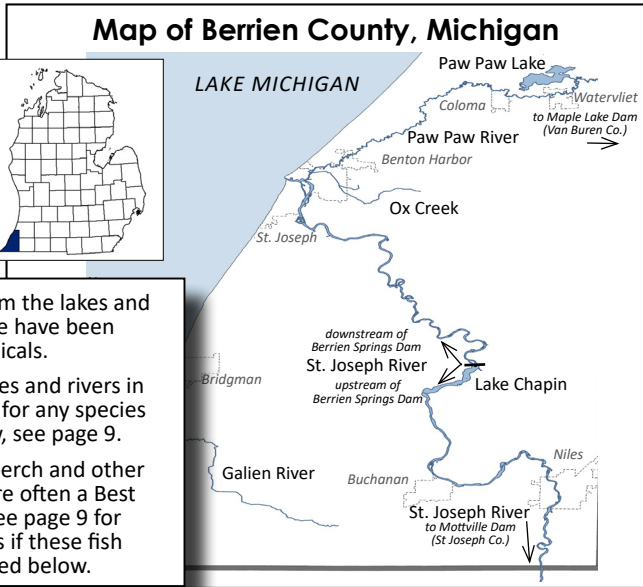
(Continued on the next page.)

Thornapple River

(downstream of the Middleville Dam, which includes the Ada Impoundment, the Cascade Impoundment and the LaBarge Impoundment in Kent Co.)


Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Carp	Mercury, PCBs	Any	2
Largemouth Bass	Mercury, PFOS	Under 18"	2
	Mercury	Over 18"	1
Rock Bass	Mercury, PFOS	Any	4
Smallmouth Bass	Mercury, PFOS	Under 18"	2
	Mercury	Over 18"	1
Sunfish	PFOS	Any	2

Berrien County



Files of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.

 Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Galien River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	6 Per Year ^{2x}

When fishing the river near Lake Michigan, please check the lake guidelines on page 16 too.

Ox Creek

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	6 Per Year
Largemouth Bass	PFOS	Any	6 Per Year
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Any	6 Per Year
Sunfish	PFOS	Any	6 Per Year

(Continued on the next page.)

Paw Paw Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	6 Per Year
Largemouth Bass	PFOS	Under 16"	1
	Mercury, PFOS	Over 16"	1
Smallmouth Bass	PFOS	Under 16"	1
	Mercury, PFOS	Over 16"	1
Sunfish	PFOS	Any	6 Per Year

Paw Paw River - Main Branch

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	6 Per Year
Northern Pike	Mercury, PFOS	Under 30"	2
	Mercury	Over 30"	1
Rock Bass	PFOS	Any	6 Per Year
Suckers	Mercury, PFOS	Any	2
Sunfish	PFOS	Any	6 Per Year

St. Joseph River

(between the Mottville Dam in St. Joseph Co. and the Berrien Springs Dam, including Lake Chapin)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	PCBs	Any	6 Per Year ^{2x}
Largemouth Bass	PCBs, PFOS	Under 18"	1
	Mercury, PCBs, PFOS	Over 18"	1

(Continued on the next page.)

Berrien County (continued)

St. Joseph River

(between the Mottville Dam in St. Joseph Co. and the Berrien Springs Dam, including Lake Chapin, continued from page 30)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Smallmouth Bass	PCBs, PFOS	Under 18"	1
	Mercury, PCBs, PFOS	Over 18"	1
Sunfish	PFOS	Any	1

St. Joseph River

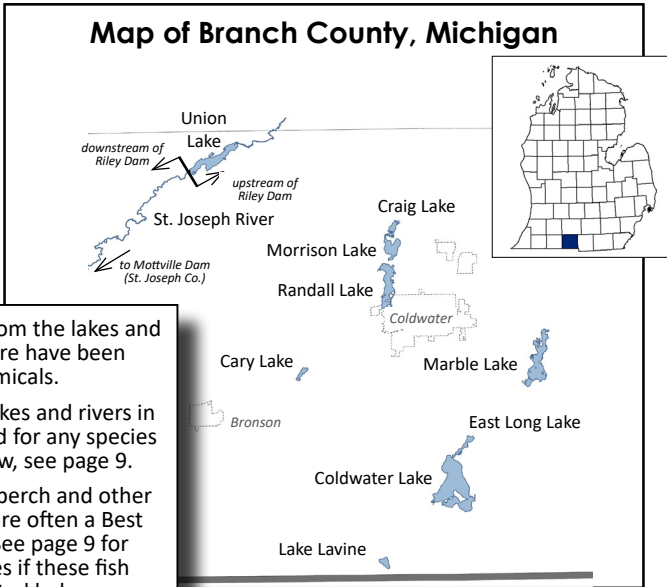
(downstream of the Berrien Springs Dam, including the Paw Paw River's north branch and south branch downstream of Maple Lake Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	6 Per Year
Carp	PCBs	Any	Limited [▲]
Largemouth Bass	PCBs, PFOS	Under 18"	1
	Mercury, PCBs, PFOS	Over 18"	1
Rock Bass	PFOS	Any	6 Per Year
Smallmouth Bass	PCBs, PFOS	Under 18"	1
	Mercury, PCBs, PFOS	Over 18"	1
Sunfish	PFOS	Any	6 Per Year
Walleye	PCBs	Any	2 ^{2x}

When fishing the river near Lake Michigan, please check the lake guidelines on page 16 too.


See which fish are safe to eat from Lake Michigan on Page 16.

Branch County



Filets of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.

 Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Cary Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1
Suckers	Mercury	Any	8

(Continued on the next page.)

Coldwater Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	2
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Northern Pike	Mercury	Under 30"	1
		Over 30"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1
Sunfish	Mercury	Any	2

East Long Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 30"	1
		Over 30"	6 Per Year

Lake Lavine

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Any	1

Marble Lake



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury, PFOS	Any	16
Sunfish	Mercury, PFOS	Any	16

(Continued on the next page.)

Randall Lake Chain

(includes Morrison Lake, Randall Lake and Craig Lake)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Under 10"	2
		Over 10"	1
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Northern Pike	Mercury	Any	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1
White Crappie	Mercury	Under 10"	2
		Over 10"	1

St. Joseph River

(upstream of Riley Dam, includes Union Lake)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Mercury, PCBs	Under 24"	4
	PCBs	Over 24"	1 ^{2x}
Catfish	PCBs	Any	4 ^{2x}
Largemouth Bass	Mercury, PFOS	Under 18"	2
	Mercury	Over 18"	1
Smallmouth Bass	Mercury, PFOS	Under 18"	2
	Mercury	Over 18"	1
Walleye	Mercury	Under 20"	2
		Over 20"	1

(Continued on the next page.)

Branch County (continued)

St. Joseph River

(upstream of Mottville Dam to Riley Dam, including Sturgeon Lake, the Sturgis Impoundment, the Three Rivers Impoundment and the Constantine Impoundment)

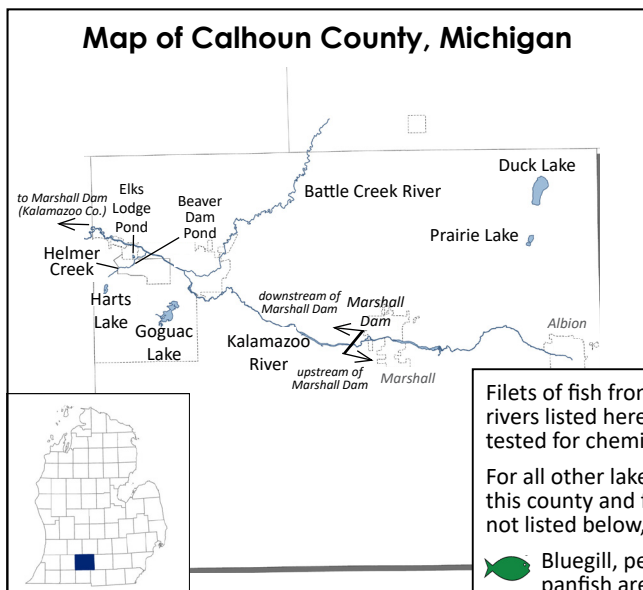
Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Carp	Mercury	Any	4
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Northern Pike	Mercury	Under 30"	2
		Over 30"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1
Sunfish	PFOS	Any	4
Walleye	Mercury, PCBs	Under 20"	2
	Mercury	Over 20"	1

Union Lake

(same guidelines as the St. Joseph River upstream of the Riley Dam)


Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Mercury, PCBs	Under 24"	4
	PCBs	Over 24"	1 ^{2x}
Catfish	PCBs	Any	4 ^{2x}
Largemouth Bass	Mercury, PFOS	Under 18"	2
	Mercury	Over 18"	1
Smallmouth Bass	Mercury, PFOS	Under 18"	2
	Mercury	Over 18"	1
Walleye	Mercury	Under 20"	2
		Over 20"	1

Calhoun County



Files of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.

 Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Battle Creek River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Largemouth Bass	PCBs	Under 18"	1 ^{2x}
	Mercury, PCBs	Over 18"	1
Smallmouth Bass	PCBs	Under 18"	1 ^{2x}
	Mercury, PCBs	Over 18"	1

Beaver Dam Pond

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
All Species	PFOS	Any	Do Not Eat [▲]

(Continued on the next page.)

Duck Lake



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	12
Sunfish	Mercury	Any	12
Yellow Perch	Mercury	Any	4

Elks Lodge Pond

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	4
Sunfish	Mercury	Any	4

Goguac Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Largemouth Bass	Mercury, PFOS	Any	2
Smallmouth Bass	Mercury, PFOS	Any	2
Sunfish	PFOS	Any	4

Harts Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	2
Sunfish	Mercury	Any	2

(Continued on the next page.)

Calhoun County (continued)

Helmer Creek

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
All Species	PFOS	Any	Do Not Eat [▲]

Kalamazoo River

(upstream of Marshall Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Mercury, PCBs	Any	4
Largemouth Bass	Mercury, PFOS	Under 18"	4
	Mercury	Over 18"	2
Rock Bass	Mercury	Any	8
Smallmouth Bass	Mercury, PFOS	Under 18"	4
	Mercury	Over 18"	2



Kalamazoo River

(between Marshall Dam and Morrow Dam in Kalamazoo Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Carp	Dioxins	Any	6 Per Year ^{2x}
Catfish	Dioxins, PCBs	Any	6 Per Year ^{2x}
Largemouth Bass	PFOS	Any	6 Per Year
Rock Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	6 Per Year
Sunfish	PFOS	Any	4

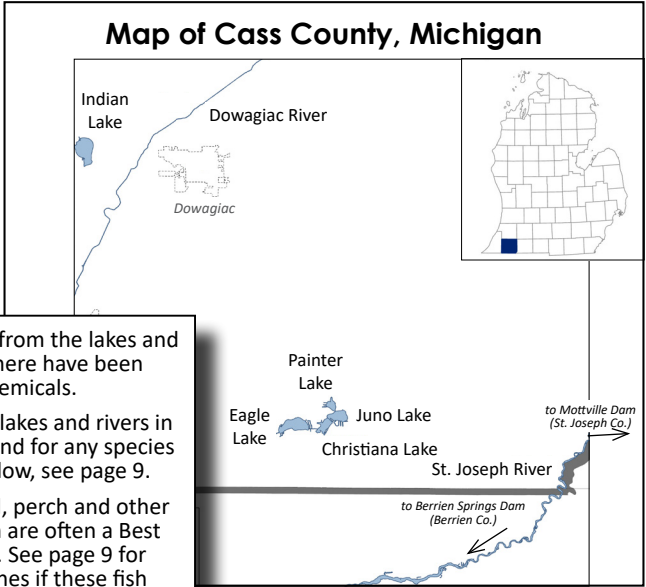
(Continued on the next page.)

Calhoun County (continued)

Prairie Lake


Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Any	1
Smallmouth Bass	Mercury	Any	1

Cass County



Filets of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.

 Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Christiana Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Any	1

Dowagiac River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	1 ^{2x}

Eagle Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1

(Continued on the next page.)

Juno Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Any	1

Painter Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Any	1

Indian Lake



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Mercury	Any	16
Walleye	Mercury	Under 22"	2
		Over 22"	1

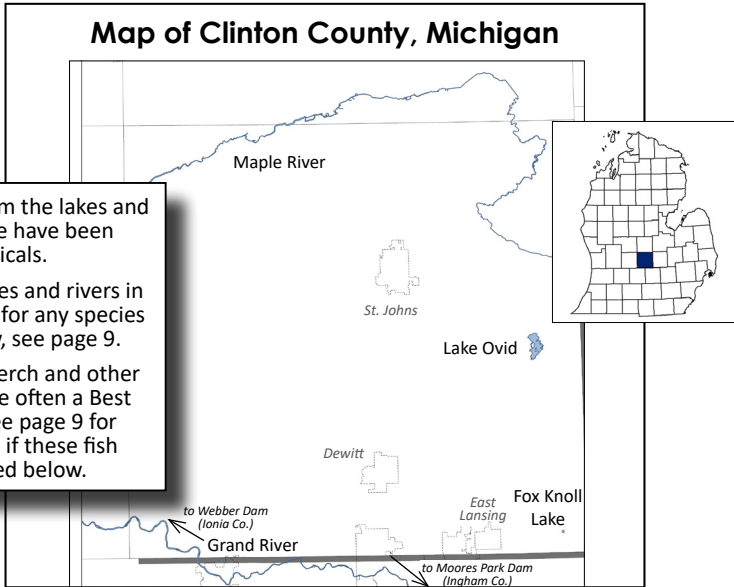
St. Joseph River

(between Mottville Dam in St. Joseph Co. and Berrien Springs Dam in Berrien Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	PCBs	Any	6 Per Year ^{2x}
Largemouth Bass	PCBs, PFOS	Under 18"	1
	Mercury, PCBs, PFOS	Over 18"	1
Smallmouth Bass	PCBs, PFOS	Under 18"	1
	Mercury, PCBs, PFOS	Over 18"	1
Sunfish	PFOS	Any	1

Clinton County

Map of Clinton County, Michigan



Filets of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.



Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Fox Knoll Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	4
Sunfish	Mercury	Any	4

Grand River

(between Moores Park Dam in Ingham Co. and Webber Dam in Ionia Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Carp	PCBs	Any	Limited [▲]
Largemouth Bass	PFOS	Under 18"	1
	Mercury, PFOS	Over 18"	1
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Under 18"	1
	Mercury, PFOS	Over 18"	1
Sunfish	PFOS	Any	Do Not Eat [▲]

(Continued on the next page.)

Lake Ovid

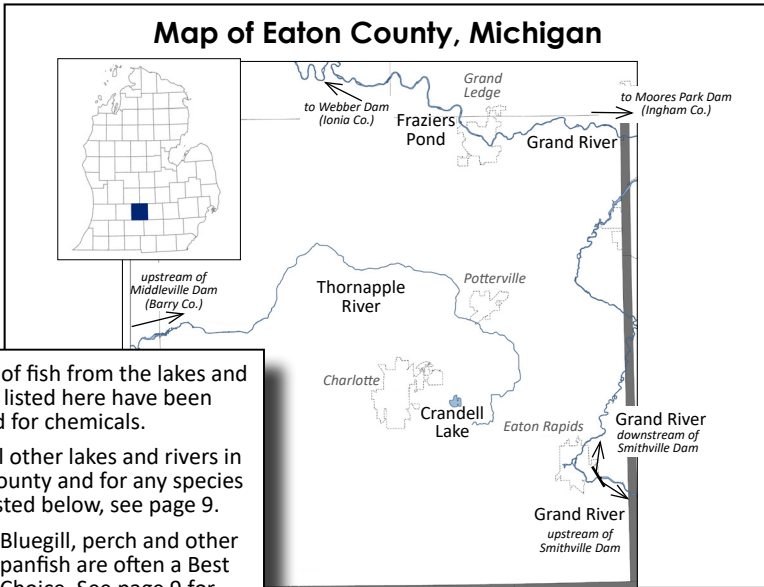


Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bullhead	Mercury	Any	8
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1

Maple River


Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Mercury	Any	2

Eaton County



Filets of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.

 Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Crandell Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Any	6 Per Year
Smallmouth Bass	Mercury	Any	6 Per Year

Fraziers Pond

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury, PFOS	Any	2
Sunfish	Mercury, PFOS	Any	2

(Continued on the next page.)

Grand River

(upstream of Smithville Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Carp	PCBs	Any	Limited [▲]
Largemouth Bass	PFOS	Under 18"	1
	Mercury, PFOS	Over 18"	1
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Under 18"	1
	Mercury, PFOS	Over 18"	1
Suckers	PCBs	Any	1 ^{2x}
Sunfish	PFOS	Any	2
Walleye	PCBs	Under 20"	1 ^{2x}
	Mercury, PCBs	Over 20"	1

Grand River

(between Smithville Dam and Moores Park Dam in Ingham Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Carp	PCBs	Any	1 ^{2x}
Catfish	PCBs	Any	1 ^{2x}
Largemouth Bass	Mercury, PFOS	Under 18"	1
	Mercury	Over 18"	6 Per Year
Northern Pike	Mercury, PCBs	Under 30"	1
		Over 30"	6 Per Year

(Continued on the next page.)

Eaton County (continued)

Grand River

(between Smithville Dam and Moores Park Dam in Ingham Co., continued from page 45)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Smallmouth Bass	Mercury, PFOS	Under 18"	1
	Mercury	Over 18"	6 Per Year
Sunfish	PFOS	Any	2
Walleye	Mercury	Any	1

Grand River

(between Moores Park Dam in Ingham Co. and Webber Dam in Ionia Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Carp	PCBs	Any	Limited [▲]
Largemouth Bass	Mercury	Under 18"	1
	Mercury, PFOS	Over 18"	1
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	Mercury	Under 18"	1
	Mercury, PFOS	Over 18"	1
Sunfish	PFOS	Any	Do Not Eat [▲]

Thornapple River

(upstream of Middleville Dam in Barry Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Northern Pike	Mercury	Under 26"	2
		Over 26"	1

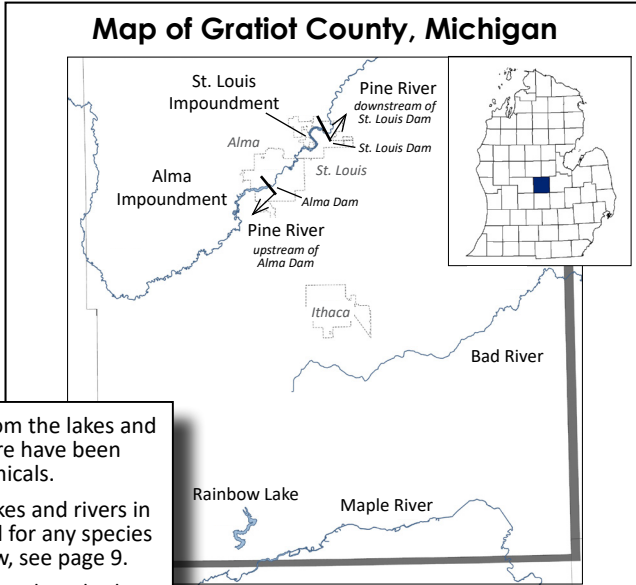
(Continued on the next page.)

Thornapple River

(upstream of Middleville Dam in Barry Co., continued from page 46)


Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Suckers	Mercury	Any	4
Sunfish	PFOS	Any	2

Gratiot County



Filets of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.

 Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Bad River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Catfish	PCBs	Under 18"	1 ^{2x}
		Over 18"	6 Per Year ^{2x}
Northern Pike	Mercury, PCBs	Any	2

Maple River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Mercury	Any	2

(Continued on the next page.)

Gratiot County (continued)

Pine River

(upstream of Alma Dam, including the Alma Impoundment)



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	8
Carp	PCBs	Any	6 Per Year ^{2x}
Catfish	Mercury	Under 26"	4
		Over 26"	2
Largemouth Bass	Mercury	Under 17"	2
		Over 17"	1
Rock Bass	Mercury	Under 10"	4
		Over 10"	2
Smallmouth Bass	Mercury	Under 17"	2
		Over 17"	1
Suckers	Mercury	Any	4
Sunfish	Mercury	Any	8



Pine River

(between Alma Dam and St. Louis Dam, including the St. Louis Impoundment)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	DDT	Any	Do Not Eat [▲]
Bluegill	DDT	Any	Do Not Eat [▲]
Carp	Dioxins	Any	Do Not Eat [▲]
Catfish	Dioxins	Any	Do Not Eat [▲]
Largemouth Bass	DDT	Any	Do Not Eat [▲]
Northern Pike	DDT	Any	Do Not Eat [▲]
Rock Bass	DDT	Any	Do Not Eat [▲]
Smallmouth Bass	DDT	Any	Do Not Eat [▲]
Suckers	DDT	Any	Do Not Eat [▲]
Sunfish	DDT	Any	Do Not Eat [▲]

(Continued on the next page.)

Pine River

(between Alma Dam and St. Louis Dam, continued from page 49)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
White Crappie	DDT	Any	Do Not Eat [▲]
All Other Species	DDT	Any	Do Not Eat [▲]

Pine River

(downstream of St. Louis Dam to the Chippewa River)

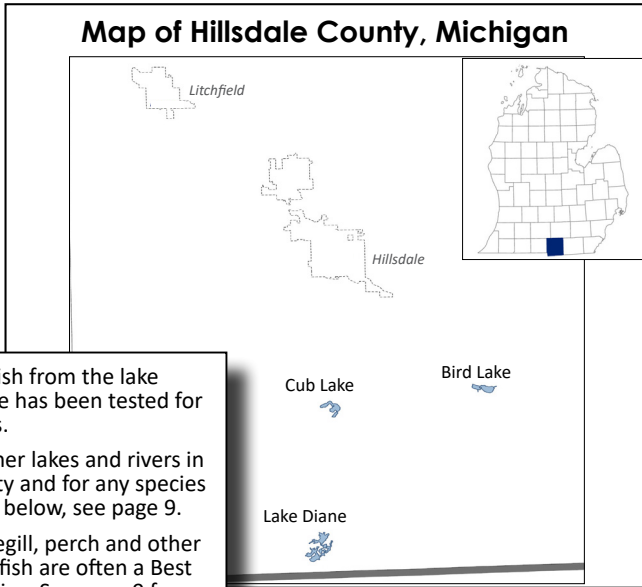
Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	DDT	Any	Do Not Eat [▲]
Catfish	DDT	Any	Do Not Eat [▲]
Largemouth Bass	DDT	Any	Do Not Eat [▲]
Rock Bass	DDT	Any	Do Not Eat [▲]
Smallmouth Bass	DDT	Any	Do Not Eat [▲]
Suckers	DDT	Any	Do Not Eat [▲]
All Other Species	DDT	Any	Do Not Eat [▲]

Rainbow Lake




Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	12
Sunfish	PFOS	Any	12

Hillsdale County



Filets of fish from the lake listed here has been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.

 Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Bird Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	4
Sunfish	Mercury	Any	4
Yellow Perch	Mercury	Any	4

Cub Lake

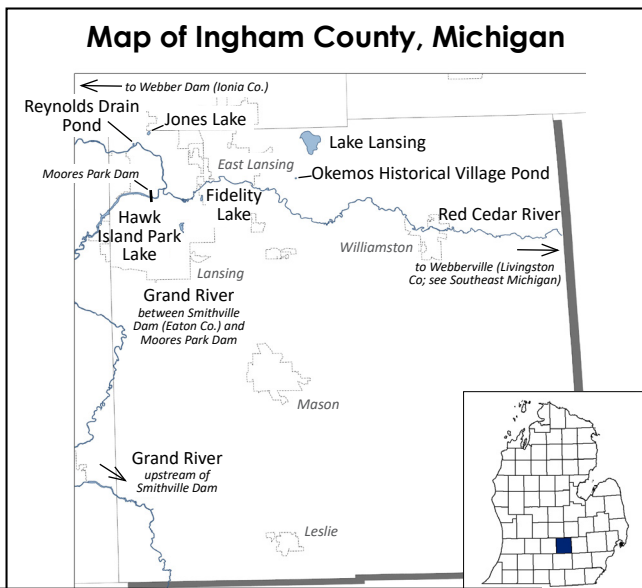


Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Yellow Perch	Mercury	Any	12

Lake Diane


Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Catfish	Mercury	Any	4

Ingham County



Files of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.

 Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Fidelity Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PFOS	Any	2
Bluegill	PFOS	Any	2
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Sunfish	PFOS	Any	2
White Crappie	PFOS	Any	2

(Continued on the next page.)

Grand River

(upstream of Smithville Dam in Eaton Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Carp	PCBs	Any	Limited [▲]
Largemouth Bass	PFOS	Under 18"	1
	Mercury, PFOS	Over 18"	1
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Under 18"	1
	Mercury, PFOS	Over 18"	1
Suckers	PCBs	Any	1 ^{2x}
Sunfish	PFOS	Any	2
Walleye	PCBs	Under 20"	1 ^{2x}
	Mercury, PCBs	Over 20"	1

Grand River

(between Smithville Dam in Eaton Co. and Moores Park Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Carp	PCBs	Any	1 ^{2x}
Catfish	PCBs	Any	1 ^{2x}
Largemouth Bass	Mercury, PFOS	Under 18"	1
	Mercury	Over 18"	6 Per Year
Northern Pike	Mercury, PCBs	Under 30"	1
		Over 30"	6 Per Year
Smallmouth Bass	Mercury, PFOS	Under 18"	1
	Mercury	Over 18"	6 Per Year
Sunfish	PFOS	Any	2
Walleye	Mercury	Any	1

(Continued on the next page.)

Ingham County (continued)

Grand River

(between Moores Park Dam in Ingham Co. and Webber Dam in Ionia Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Carp	PCBs	Any	Limited [▲]
Largemouth Bass	Mercury	Under 18"	1
	Mercury, PFOS	Over 18"	1
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	Mercury	Under 18"	1
	Mercury, PFOS	Over 18"	1
Sunfish	PFOS	Any	Do Not Eat [▲]

Hawk Island Park Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PFOS	Any	1
Bluegill	PFOS	Any	2
Sunfish	PFOS	Any	2
White Crappie	PFOS	Any	1

Jones Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	Do Not Eat [▲]

(Continued on the next page.)

Lake Lansing

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Under 9"	4
		Over 9"	2
Bluegill	PFOS	Any	Do Not Eat [▲]
Largemouth Bass	PFOS	Under 18"	1
	Mercury, PFOS	Over 18"	1
Smallmouth Bass	PFOS	Under 18"	1
	Mercury, PFOS	Over 18"	1
Sunfish	PFOS	Any	Do Not Eat [▲]
White Crappie	Mercury	Under 9"	4
		Over 9"	2

Okemos Historical Village Pond

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PFOS	Any	Do Not Eat [▲]
White Crappie	PFOS	Any	Do Not Eat [▲]

Red Cedar River

(between East Lansing and Webberville in Livingston Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Largemouth Bass	Mercury, PCBs	Under 18"	2
	Mercury	Over 18"	1
Northern Pike	Mercury, PCBs	Under 30"	4
	Mercury	Over 30"	2

(Continued on the next page.)

Red Cedar River

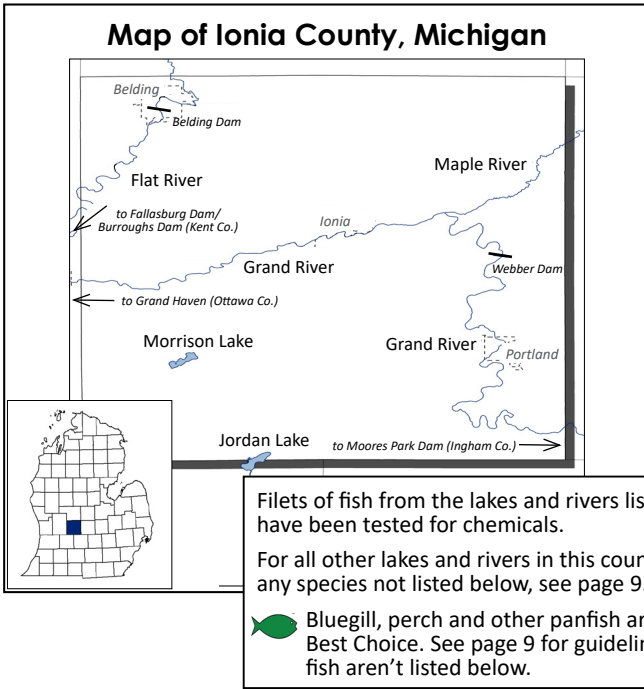
(between East Lansing and Webberville in Livingston Co., continued from page 55)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Rock Bass	Mercury	Any	4
Smallmouth Bass	Mercury, PCBs	Under 18"	2
	Mercury	Over 18"	1

Reynolds Drain Pond

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	Do Not Eat [▲]

Ionia County



Flat River

(between Belding Dam and Fallsburg Dam/Burroughs Dam in Kent Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	PCBs	Any	1
Rock Bass	PFOS	Any	Do Not Eat [▲]
Suckers	PCBs	Any	2 ^{2x}
Sunfish	PFOS	Any	1

(Continued on the next page.)

Ionia County (continued)

Grand River

(between Moores Park Dam in Ingham Co. and Webber Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Carp	PCBs	Any	Limited [▲]
Largemouth Bass	Mercury	Under 18"	1
	Mercury, PFOS	Over 18"	1
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	Mercury	Under 18"	1
	Mercury, PFOS	Over 18"	1
Sunfish	PFOS	Any	Do Not Eat [▲]

Grand River

(between Webber Dam and Grand Haven in Ottawa Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	PFOS	Any	Do Not Eat [▲]
Catfish	PCBs	Any	1 ^{2x}
Largemouth Bass	PFOS	Any	6 Per Year
Northern Pike	PCBs	Under 30"	2 ^{2x}
	Mercury, PCBs	Over 30"	2
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Any	6 Per Year
Suckers	PCBs	Any	1 ^{2x}
Sunfish	PFOS	Any	1
Walleye	PCBs	Any	6 Per Year ^{2x}

(Continued on the next page.)

Jordan Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	1 ^{2x}
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1

Maple River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Mercury	Any	2

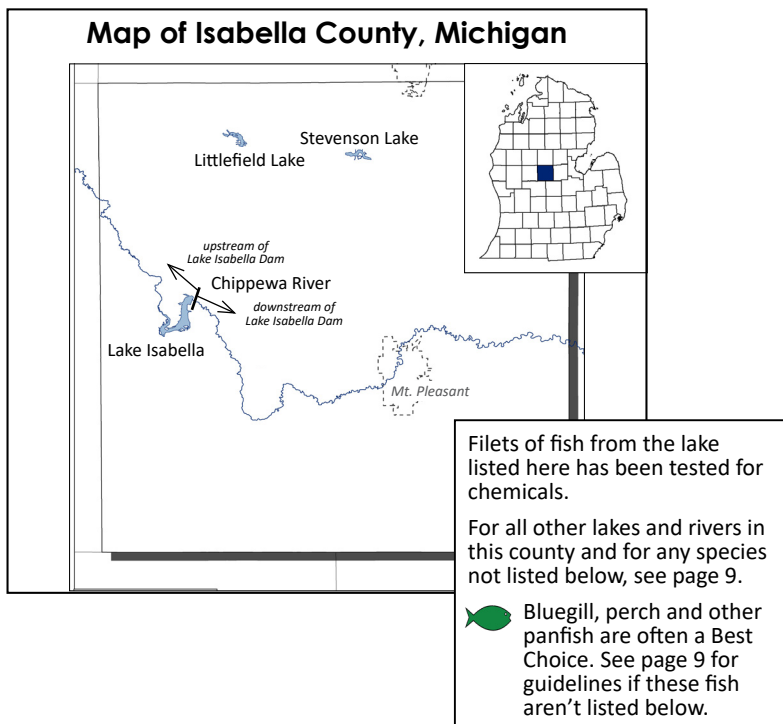
Morrison Lake



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Mercury	Any	16
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1
Suckers	PCBs	Any	12 ^{2x}
Walleye	Mercury	Any	4



Isabella County



Chippewa River

(upstream of Lake Isabella Dam, including Lake Isabella)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Rock Bass	Mercury	Under 8"	4
		Over 8"	2
Suckers	Mercury	Under 13"	4
		Over 13"	2

(Continued on the next page.)

Chippewa River

(downstream of Lake Isabella Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Dioxins, PCBs	Any	Limited [▲]
Rock Bass	Mercury, PFOS	Under 8"	4
	Mercury	Over 8"	2
Suckers	Mercury	Under 13"	4
		Over 13"	2

Littlefield Lake

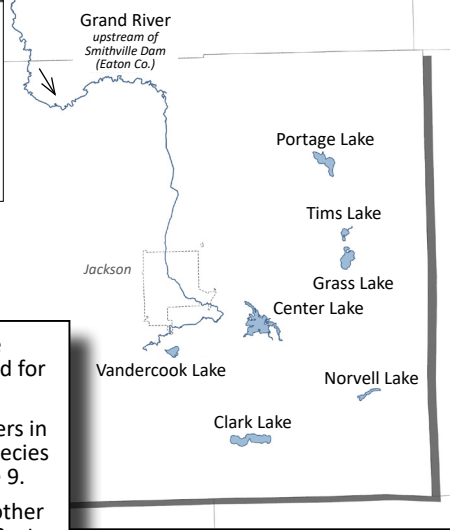
Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year

Stevenson Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bullhead	Mercury	Any	2
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Northern Pike	Mercury	Under 30"	1
		Over 30"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year


Jackson County

Map of Jackson County, Michigan



Filets of fish from the lake listed here has been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.

 Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Center Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Any	1

Clark Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Any	4
Rock Bass	Mercury	Any	4
White Crappie	Mercury	Any	4

(Continued on the next page.)

Grand River

(upstream of Smithville Dam in Eaton Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Carp	PCBs	Any	Limited [▲]
Largemouth Bass	PFOS	Under 18"	1
	Mercury, PFOS	Over 18"	1
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Under 18"	1
	Mercury, PFOS	Over 18"	1
Suckers	PCBs	Any	1 ^{2x}
Sunfish	PFOS	Any	2
Walleye	PCBs	Under 20"	1 ^{2x}
	Mercury, PCBs	Over 20"	1

Grass Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Rock Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	1

Norvell Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Mercury, PCBs	Under 22"	4
	PCBs	Over 22"	2 ^{2x}

(Continued on the next page.)

Portage Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Under 10"	4
		Over 10"	2
Northern Pike	Mercury	Under 30"	1
		Over 30"	6 Per Year
White Crappie	Mercury	Under 10"	4
		Over 10"	2

Tims Lake

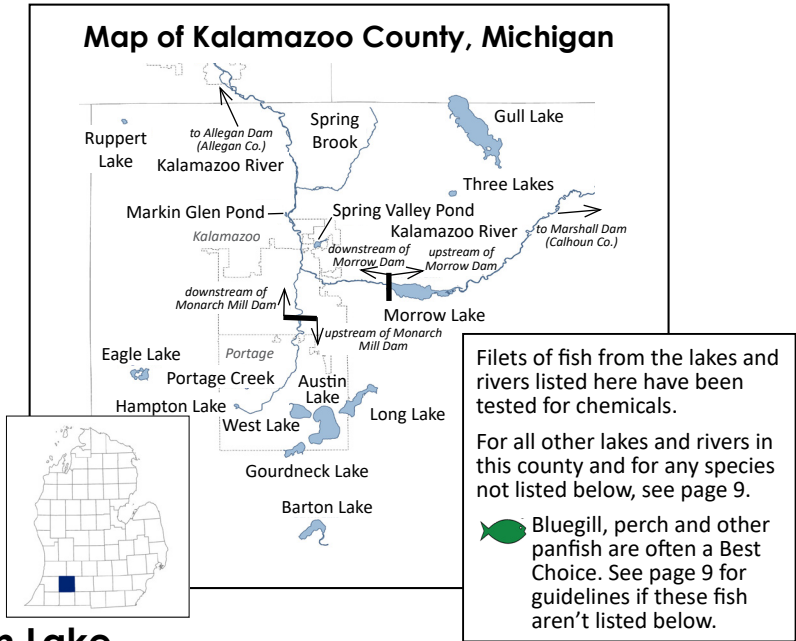
Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PFOS	Any	1
Bluegill	PFOS	Any	2
Largemouth Bass	Mercury, PFOS	Under 18"	1
	Mercury	Over 18"	6 Per Year
Smallmouth Bass	Mercury, PFOS	Under 18"	1
	Mercury	Over 18"	6 Per Year
Sunfish	PFOS	Any	2
White Crappie	PFOS	Any	1

(Continued on the next page.)

Vandercook Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury, PFOS	Any	4
Carp	Mercury	Any	2
Sunfish	Mercury, PFOS	Any	4
Yellow Perch	PFOS	Any	4

Kalamazoo County



Austin Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Bullhead	Mercury	Under 10"	8
		Over 10"	4
Carp	Mercury, PCBs	Under 30"	16
	PCBs	30 to 34"	8 ^{2x}
	PCBs	Over 34"	2 ^{2x}
Largemouth Bass	PFOS	Under 18"	1
	Mercury, PFOS	Over 18"	1
Smallmouth Bass	PFOS	Under 18"	1
	Mercury, PFOS	Over 18"	1
Sunfish	PFOS	Any	1

(Continued on the next page.)

Kalamazoo County (continued)

Barton Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	1 ^{2x}
Northern Pike	Mercury	Any	6 Per Year




Eagle Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1

Gourdneck Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Any	1

Gull Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
 Bluegill	Mercury	Any	8
Largemouth Bass	Mercury	Any	1
Northern Pike	Mercury	Any	1
 Rock Bass	Mercury	Any	8
Smallmouth Bass	Mercury	Any	1
Smelt	PFOS	Any	2
 Sunfish	Mercury	Any	8

(Continued on the next page.)

Kalamazoo County (continued)

Kalamazoo River

(downstream of Morrow Dam to Allegan Dam in Allegan Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PCBs	Any	Do Not Eat [▲]
Bluegill	PCBs, PFOS	Any	Do Not Eat [▲]
Carp	PCBs	Any	Do Not Eat [▲]
Catfish	PCBs	Any	Do Not Eat [▲]
Largemouth Bass	PCBs, PFOS	Any	Do Not Eat [▲]
Northern Pike	PCBs	Any	Do Not Eat [▲]
Rock Bass	PCBs	Any	Do Not Eat [▲]
Smallmouth Bass	PCBs, PFOS	Any	Do Not Eat [▲]
Suckers	PCBs	Any	Do Not Eat [▲]
Sunfish	PCBs, PFOS	Any	Do Not Eat [▲]
Walleye	PCBs	Any	Do Not Eat [▲]
White Crappie	PCBs	Any	Do Not Eat [▲]
All Other Species	PCBs	Any	Do Not Eat [▲]

Kalamazoo River

(upstream of Morrow Dam to Marshall Dam in Calhoun Co., includes Morrow Lake)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	Dioxins	Any	6 Per Year ^{2x}
Catfish	Dioxins, PCBs	Any	6 Per Year ^{2x}
Largemouth Bass	PFOS	Any	6 Per Year
Rock Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	6 Per Year
Sunfish	PFOS	Any	1

(Continued on the next page.)

Kalamazoo County (continued)

Long Lake



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Any	2
Bullhead	None	Any	16 ^{2x}
White Crappie	Mercury	Any	2

Markin Glen Pond

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Sunfish	PFOS	Any	1

Morrow Lake

(same guidelines as the Kalamazoo River on page 68 - between Marshall Dam and Morrow Dam in Calhoun Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	Dioxins	Any	6 Per Year ^{2x}
Catfish	Dioxins, PCBs	Any	6 Per Year ^{2x}
Largemouth Bass	PFOS	Any	6 Per Year
Rock Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	6 Per Year
Sunfish	PFOS	Any	1

(Continued on the next page.)

Kalamazoo County (continued)

Portage Creek

(downstream of Monarch Mill Dam, including Bryant Millpond)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Suckers	PCBs	Any	6 Per Year ^{2x}
All Other Species	PCBs	Any	Do Not Eat [▲]

Portage Creek

(upstream of Monarch Mill Dam, including Monarch Millpond and Hampton Lake)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	1 ^{2x}

Ruppert Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year

Spring Brook

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Brown Trout	PFOS	Any	Do Not Eat [▲]

(Continued on the next page.)

Kalamazoo County (continued)

Spring Valley Pond

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	4

Three Lakes

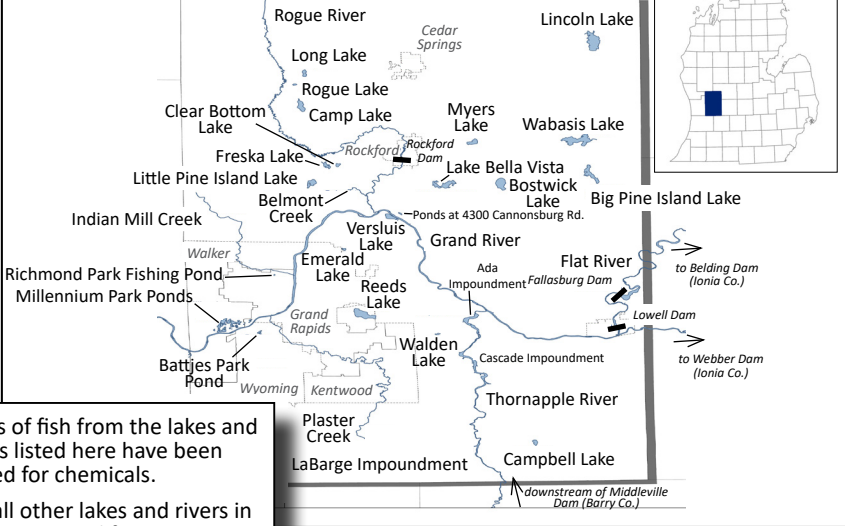
Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	2
Largemouth Bass	Mercury	Any	1
Smallmouth Bass	Mercury	Any	1
Sunfish	Mercury	Any	2

West Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Largemouth Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	1
Sunfish	PFOS	Any	Do Not Eat [▲]


Kent County

Map of Kent County, Michigan



Filets of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.

 Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Battjes Park Pond

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PFOS	Any	Do Not Eat [▲]
Bluegill	PFOS	Any	Do Not Eat [▲]
Carp	PFOS	Any	Do Not Eat [▲]
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	Do Not Eat [▲]
White Crappie	PFOS	Any	Do Not Eat [▲]
All Other Species	PFOS	Any	Do Not Eat [▲]

(Continued on the next page.)

Belmont Creek



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Brook Trout	PFOS	Under 9"	8
	Mercury, PFOS	Over 9"	8

Big Pine Island Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Largemouth Bass	Mercury, PFOS	Under 18"	2
	Mercury	Over 18"	1
Smallmouth Bass	Mercury, PFOS	Under 18"	2
	Mercury	Over 18"	1
Sunfish	PFOS	Any	4

Bostwick Lake




Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	12
Largemouth Bass	Mercury, PFOS	Under 18"	2
	Mercury	Over 18"	1
Smallmouth Bass	Mercury, PFOS	Under 18"	2
	Mercury	Over 18"	1
Sunfish	Mercury	Any	12



(Continued on the next page.)



Camp Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
 Bullhead	DDT, Mercury, PCBs	Any	8
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1

Campbell Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year

Clear Bottom Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
 Bluegill	PFOS	Any	8
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
 Sunfish	PFOS	Any	8

(Continued on the next page.)

Emerald Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Yellow Perch	PFOS	Any	4

Flat River

(between Belding Dam in Ionia Co. and Fallasburg Dam/Burroughs Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	PCBs	Any	1
Rock Bass	PFOS	Any	Do Not Eat [▲]
Suckers	PCBs	Any	2 ^{2x}
Sunfish	PFOS	Any	1

Flat River

(between Fallasburg Dam/Burroughs Dam and Lowell Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	PCBs	Any	1 ^{2x}
Largemouth Bass	Mercury, PFOS	Under 18"	2
	Mercury	Over 18"	1
Rock Bass	PFOS	Any	6 Per Year
Smallmouth Bass	Mercury, PFOS	Under 18"	2
	Mercury	Over 18"	1
Suckers	Mercury	Any	8
Sunfish	PFOS	Any	1

(Continued on the next page.)



Freska Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Largemouth Bass	PFOS	Under 18"	1
	Mercury, PFOS	Over 18"	1
Smallmouth Bass	PFOS	Under 18"	1
	Mercury, PFOS	Over 18"	1
Sunfish	PFOS	Any	Do Not Eat [▲]

Grand River

(between Webber Dam in Ionia Co. and Grand Haven in Ottawa Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	PFOS	Any	Do Not Eat [▲]
Catfish	PCBs	Any	1 ^{2x}
Largemouth Bass	PFOS	Any	6 Per Year
Northern Pike	PCBs	Under 30"	2 ^{2x}
	Mercury, PCBs	Over 30"	2
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Any	6 Per Year
Suckers	PCBs	Any	1 ^{2x}
Sunfish	PFOS	Any	1
Walleye	PCBs	Any	6 Per Year ^{2x}

Indian Mill Creek

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Brown Trout	PFOS	Any	Do Not Eat [▲]
Rainbow Trout	PFOS	Any	Do Not Eat [▲]

(Continued on the next page.)

Lake Bella Vista



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Yellow Perch	Mercury	Any	16

Lincoln Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury, PFOS	Any	4
Largemouth Bass	Mercury	Under 18" Over 18"	1 6 Per Year
Rock Bass	Mercury	Any	4
Smallmouth Bass	Mercury	Under 18" Over 18"	1 6 Per Year
Sunfish	Mercury, PFOS	Any	4
Walleye	Mercury	Under 18" Over 18"	1 6 Per Year

Little Pine Island Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PFOS	Any	2
Bluegill	PFOS	Any	2
Sunfish	PFOS	Any	2
White Crappie	PFOS	Any	2

Long Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18" Over 18"	2 1
Smallmouth Bass	Mercury	Under 18" Over 18"	2 1

(Continued on the next page.)

Millenium Park Ponds

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	6 Per Year
Sunfish	PFOS	Any	6 Per Year

Myers Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	PFOS	Any	2
Bluegill	PFOS	Any	4
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1
Sunfish	PFOS	Any	4
White Crappie	PFOS	Any	2

Plaster Creek

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Rock Bass	PFOS	Any	Do Not Eat [▲]

Ponds at 4300 Cannonsburg Rd., Belmont

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
All Species	PFOS	Any	Do Not Eat [▲]

(Continued on the next page.)

Reeds Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	DDT, Mercury, PCBs	Under 18"	2
		Over 18"	1
Northern Pike	Mercury	Under 30"	2
	Mercury, PCBs	Over 30"	1
Smallmouth Bass	DDT, Mercury, PCBs	Under 18"	2
		Over 18"	1
Walleye	DDT, Mercury, PCBs	Under 26"	1
	DDT, PCBs	Over 26"	1 ^{2x}

Richmond Park Fishing Pond

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Sunfish	PFOS	Any	4

Rogue Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Sunfish	PFOS	Any	2

(Continued on the next page.)

Rogue River

(upstream of Rockford Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Brown Trout	PFOS	Any	Do Not Eat [▲]
Largemouth Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Any	Do Not Eat [▲]
Suckers	PFOS	Any	6 Per Year

Rogue River

(downstream of Rockford Dam)



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Brown Trout	PFOS	Any	Do Not Eat [▲]
Crayfish	Mercury, PFOS	Any	8
Rock Bass	PFOS	Any	6 Per Year

Thornapple River

(downstream of Middleville Dam in Barry County, includes the Ada Impoundment, the Cascade Impoundment and the LaBarge Impoundments)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Carp	Mercury, PCBs	Any	2
Largemouth Bass	Mercury, PFOS	Under 18"	2
	Mercury	Over 18"	1
Rock Bass	Mercury, PFOS	Any	4
Smallmouth Bass	Mercury, PFOS	Under 18"	2
	Mercury	Over 18"	1
Sunfish	PFOS	Any	2

(Continued on the next page.)

Versluis Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	6 Per Year
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Northern Pike	Mercury	Under 30"	2
		Over 30"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1
Sunfish	PFOS	Any	6 Per Year
Walleye	Mercury	Under 20"	2
		Over 20"	1

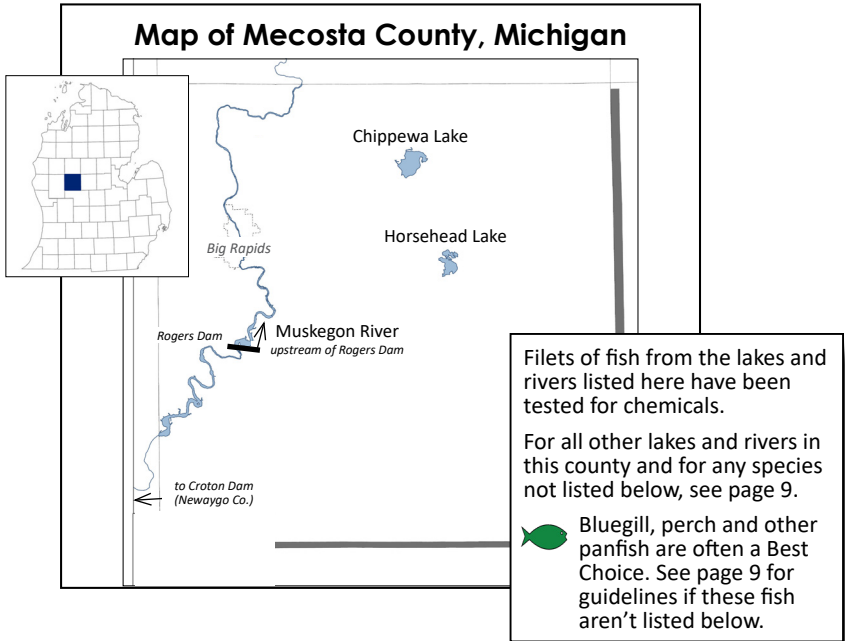
Wabasis Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year

Walden Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
All Species	PFOS	Any	Do Not Eat [▲]

Mecosta County



Chippewa Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	16
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1
Sunfish	Mercury	Any	16

Horsehead Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1

(Continued on the next page.)

Muskegon River

(upstream from Croton Dam in Newaygo Co. to Rogers Dam)

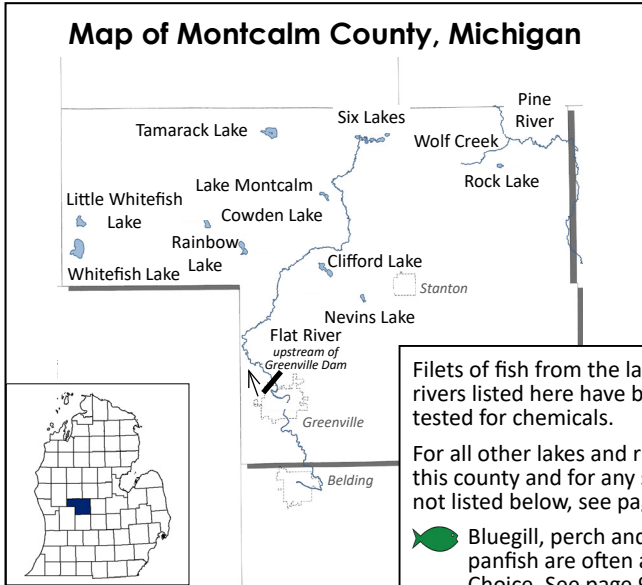
Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 30"	1
		Over 30"	6 Per Year
Rock Bass	Mercury	Under 9"	4
		Over 9"	2
Suckers	Mercury, PCBs	Under 18"	4
	Mercury	Over 18"	2
Walleye	Mercury	Any	1
Yellow Perch	Mercury	Any	4

Muskegon River

(upstream of Rogers Dam)


Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Carp	Mercury	Any	2
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Sunfish	PFOS	Any	4

Montcalm County



Filets of fish from the lakes and rivers listed here have been tested for chemicals.



For all other lakes and rivers in this county and for any species not listed below, see page 9.

 Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Clifford Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year

Cowden Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
 Bluegill	Mercury	Any	16
 Sunfish	Mercury	Any	16

(Continued on the next page.)

Montcalm County (continued)

Flat River

(upstream of Greenville Dam)



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Rock Bass	Mercury	Any	4
Suckers	Mercury	Under 12"	12
		Over 12"	8

Lake Montcalm

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Any	1
Smallmouth Bass	Mercury	Any	1

Little Whitefish Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year

Nevins Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year

(Continued on the next page.)

Montcalm County (continued)

Pine River

(upstream of Alma Dam, including the Alma Impoundment)



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	8
Carp	PCBs	Any	6 Per Year ^{2x}
Catfish	Mercury	Under 26"	4
		Over 26"	2
Largemouth Bass	Mercury	Under 17"	2
		Over 17"	1
Rock Bass	Mercury	Under 10"	4
		Over 10"	2
Smallmouth Bass	Mercury	Under 17"	2
		Over 17"	1
Suckers	Mercury	Any	4
Sunfish	Mercury	Any	8



Rainbow Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 32"	6 Per Year
		Over 32"	Do Not Eat [▲]

Rock Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Walleye	Mercury	Under 20"	2
		Over 20"	1


(Continued on the next page.)

Montcalm County (continued)


Six Lakes

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 30"	1
		Over 30"	6 Per Year

Tamarack Lake




Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury, PFOS	Any	12
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1
Sunfish	Mercury, PFOS	Any	12



Whitefish Lake

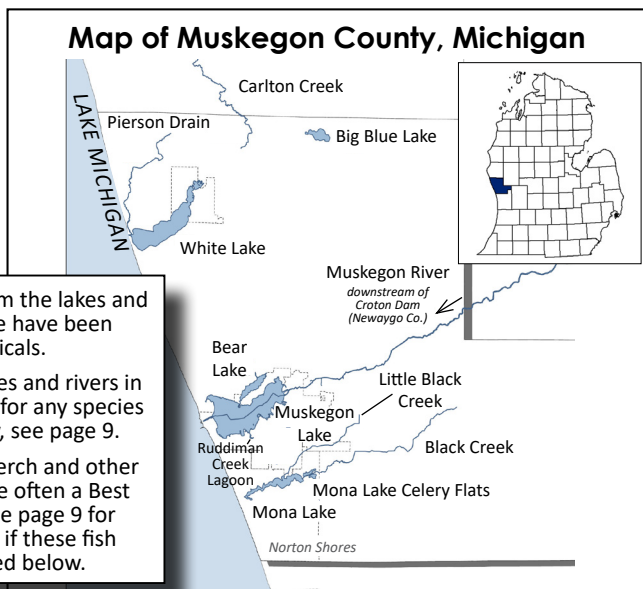
Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Rock Bass	Mercury	Any	4
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Sunfish	PFOS	Any	4

Wolf Creek



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Rock Bass	Mercury	Any	2
Suckers	Mercury	Any	8

Muskegon County



Bear Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Carp	PCBs	Any	Do Not Eat [▲]
Lake Herring	PCBs	Any	6 Per Year ^{2x}
Largemouth Bass	PFOS	Any	1
Northern Pike	Mercury, PCBs	Any	2
Rock Bass	Mercury, PFOS	Any	4
Smallmouth Bass	PFOS	Any	1
Sunfish	PFOS	Any	4
Walleye	Mercury	Under 18"	4
	PCBs	18" to 22"	6 Per Year ^{2x}
		Over 22"	Limited [▲]
Yellow Perch	PFOS	Any	1
All Other Species	PCBs	Any	6 Per Year ^{2x}

(Continued on the next page.)

Muskegon County (continued)

Big Blue Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 16"	2
		Over 16"	1
Smallmouth Bass	Mercury	Under 16"	2
		Over 16"	1

Black Creek

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Creek Chub	PCBs, PFOS	Any	6 Per Year
Largemouth Bass	PCBs	Any	1 ^{2x}
Smallmouth Bass	PCBs	Any	1 ^{2x}
Suckers	PCBs	Any	6 Per Year ^{2x}
Walleye	PCBs	Under 20"	1 ^{2x}
		Over 20"	6 Per Year ^{2x}
Yellow Perch	PFOS	Any	6 Per Year
All Other Species	PCBs	Any	6 Per Year ^{2x}

Carlton Creek

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Brook Trout	PFOS	Any	6 Per Year

Little Black Creek

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Creek Chub	PCBs, PFOS	Any	6 Per Year
Largemouth Bass	PCBs	Any	1 ^{2x}

(Continued on the next page.)

Muskegon County (continued)

Little Black Creek

(continued from page 89)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Smallmouth Bass	PCBs	Any	1 ^{2x}
Suckers	PCBs	Any	6 Per Year ^{2x}
Walleye	PCBs	Under 20"	1 ^{2x}
		Over 20"	6 Per Year ^{2x}
Yellow Perch	PFOS	Any	6 Per Year ^{2x}
All Other Species	PCBs	Any	6 Per Year ^{2x}

Mona Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Creek Chub	PCBs, PFOS	Any	6 Per Year
Largemouth Bass	PCBs	Any	1 ^{2x}
Smallmouth Bass	PCBs	Any	1 ^{2x}
Suckers	PCBs	Any	6 Per Year ^{2x}
Walleye	PCBs	Under 20"	1 ^{2x}
		Over 20"	6 Per Year ^{2x}
Yellow Perch	PFOS	Any	6 Per Year
All Other Species	PCBs	Any	6 Per Year ^{2x}

Mona Lake Celery Flats

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Creek Chub	PCBs, PFOS	Any	6 Per Year
Largemouth Bass	PCBs	Any	1 ^{2x}
Smallmouth Bass	PCBs	Any	1 ^{2x}
Suckers	PCBs	Any	6 Per Year ^{2x}

(Continued on the next page.)

Muskegon County (continued)

Mona Lake Celery Flats

(continued from page 90)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Walleye	PCBs	Under 20"	1 ^{2x}
		Over 20"	6 Per Year ^{2x}
Yellow Perch	PFOS	Any	6 Per Year
All Other Species	PCBs	Any	6 Per Year ^{2x}

Muskegon Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Carp	PCBs	Any	Do Not Eat [▲]
Lake Herring	PCBs	Any	6 Per Year ^{2x}
Largemouth Bass	PFOS	Any	1
Northern Pike	Mercury, PCBs	Any	2
Rock Bass	Mercury, PFOS	Any	4
Smallmouth Bass	PFOS	Any	1
Sunfish	PFOS	Any	4
Walleye	Mercury PCBs	Under 18"	4
		18" to 22"	6 Per Year ^{2x}
		Over 22"	Limited [▲]
Yellow Perch	PFOS	Any	1
All Other Species	PCBs	Any	6 Per Year ^{2x}

Muskegon River

(downstream from Croton Dam in Newaygo Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Suckers	Mercury	Any	2
Walleye	PCBs	Any	6 Per Year ^{2x}

(Continued on the next page.)

Muskegon County (continued)

Pierson Drain

(including Sadony Bayou)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Sunfish	PFOS	Any	Do Not Eat [▲]

Ruddiman Creek Lagoon

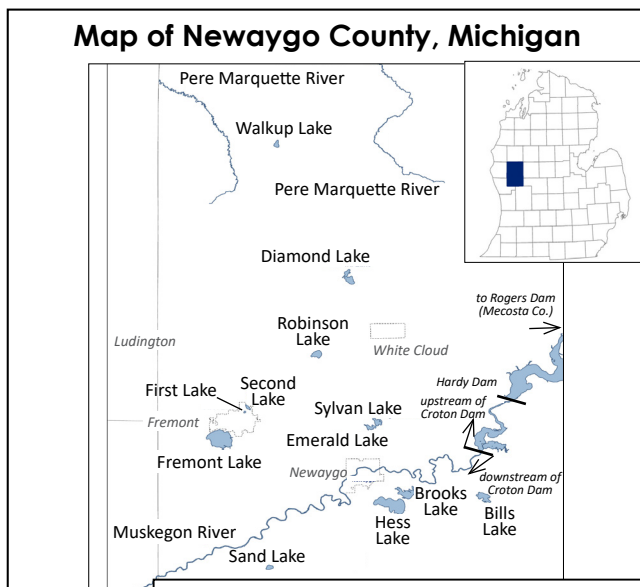
Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Do Not Eat [▲]
Largemouth Bass	PCBs	Any	1 ^{2x}
Smallmouth Bass	PCBs	Any	1 ^{2x}
All Other Species	PCBs	Any	6 Per Year ^{2x}

White Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Northern Pike	Mercury, PCBs	Any	2
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Suckers	Mercury	Any	2
Walleye	PCBs	Any	6 Per Year ^{2x}


See which fish are safe to eat from Lake Michigan on Page 16.

Newaygo County





Files of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.

 Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Bills Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
 Bluegill	Mercury	Any	8
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
 Sunfish	Mercury	Any	8

(Continued on the next page.)

Newaygo County (continued)

Brooks Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Any	4
White Crappie	Mercury	Any	4

Diamond Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1

Emerald Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 26"	2
		Over 26"	1

First Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Sunfish	PFOS	Any	2

Fremont Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	1 ^{2x}
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year

(Continued on the next page.)

Newaygo County (continued)

Hess Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	2 ^{2x}
Largemouth Bass	Mercury	Under 18"	4
		18" to 20"	2
		Over 20"	1
Smallmouth Bass	Mercury	Under 18"	4
		18" to 20"	2
		Over 20"	1

Muskegon River

(downstream from Croton Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Suckers	Mercury	Any	2
Walleye	PCBs	Any	6 Per Year ^{2x}

Muskegon River

(upstream from Croton Dam to Rogers Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 30"	1
		Over 30"	6 Per Year
Rock Bass	Mercury	Under 9"	4
		Over 9"	2

(Continued on the next page.)

Newaygo County (continued)

Muskegon River

(upstream from Croton Dam to Rogers Dam, continued from page 95)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Suckers	Mercury, PCBs	Under 18"	4
	Mercury	Over 18"	2
Walleye	Mercury	Any	1
Yellow Perch	Mercury	Any	4

Pere Marquette River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Brown Trout	PCBs	Any	1 ^{2x}
Northern Pike	Mercury, PCBs	Under 30"	2
	PCBs	Over 30"	6 Per Year ^{2x}
Rock Bass	PFOS	Any	Do Not Eat [▲]
Suckers	Mercury, PCBs	Under 18"	4
	PCBs	Over 18"	6 Per Year ^{2x}
Sunfish	PFOS	Any	Do Not Eat [▲]
Yellow Perch	PFOS	Any	Do Not Eat [▲]

Robinson Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 30"	2
		Over 30"	1

(Continued on the next page.)

Newaygo County (continued)

Sand Lake



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Black Crappie	Mercury	Under 9"	16
		Over 9"	4
Northern Pike	Mercury	Under 30"	2
		Over 30"	1
White Crappie	Mercury	Under 9"	16
		Over 9"	4



Second Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Under 8"	2
	Mercury, PFOS	Order 8"	2
Sunfish	PFOS	Under 8"	2
	Mercury, PFOS	Over 8"	2

Sylvan Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Northern Pike	Mercury	Under 30"	1
		Over 30"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year

(Continued on the next page.)

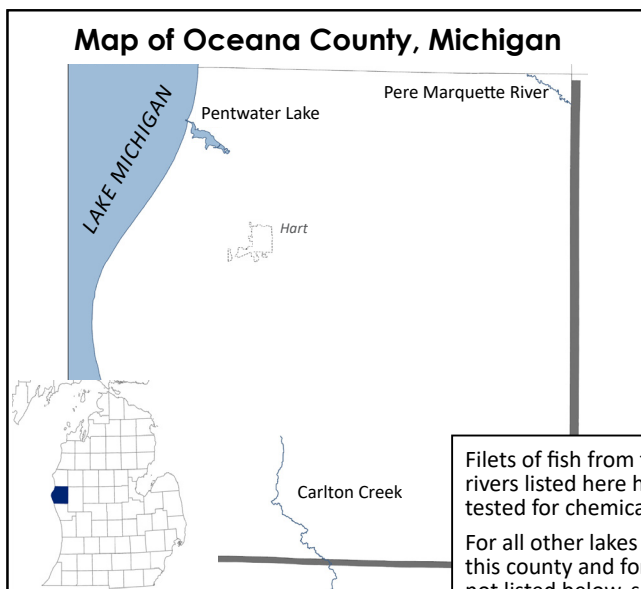
Newaygo County (continued)

Walkup Lake




Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	Mercury	Any	16
Sunfish	Mercury	Any	16

Oceana County



Filets of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.

 Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Carlton Creek

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Brook Trout	PFOS	Any	6 Per Year

Pentwater Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Any	2

When fishing the river near Lake Michigan, please check the lake guidelines on page 16 too.

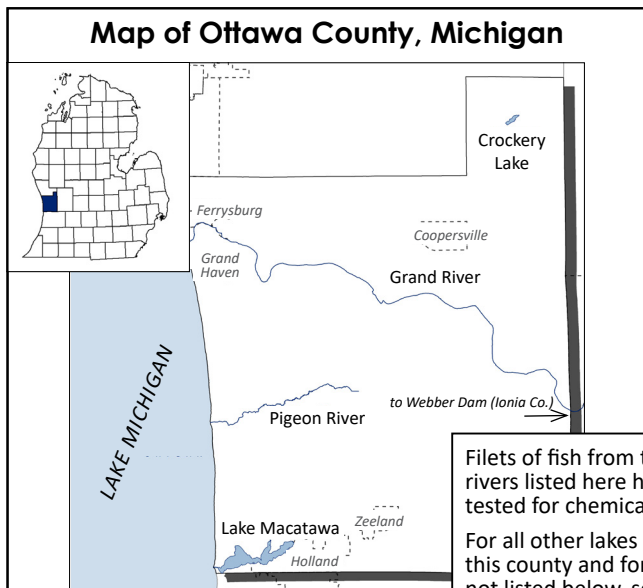
(Continued on the next page.)

Pere Marquette River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	Do Not Eat [▲]
Brown Trout	PCBs	Any	1 ^{2x}
Northern Pike	Mercury, PCBs	Under 30"	2
	PCBs	Over 30"	6 Per Year ^{2x}
Rock Bass	PFOS	Any	Do Not Eat [▲]
Suckers	Mercury, PCBs	Under 18"	4
	PCBs	Over 18"	6 Per Year ^{2x}
Sunfish	PFOS	Any	Do Not Eat [▲]
Yellow Perch	PFOS	Any	Do Not Eat [▲]

See which fish are safe to eat from Lake Michigan on Page 16.

Ottawa County



Crockery Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year

(Continued on the next page.)

Grand River

(between Webber Dam in Ionia Co. and Grand Haven in Ottawa Co., including Bruce Bayou, Llyod Bayou, Millhouse Bayou, Pottawattomie Bayou, Robinson Bayou, Spring Lake and Stearns Bayou)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	PFOS	Any	Do Not Eat [▲]
Catfish	PCBs	Any	1 ^{2x}
Largemouth Bass	PFOS	Any	6 Per Year
Northern Pike	PCBs	Under 30"	2 ^{2x}
	Mercury, PCBs	Over 30"	2
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	PFOS	Any	6 Per Year
Suckers	PCBs	Any	1 ^{2x}
Sunfish	PFOS	Any	1
Walleye	PCBs	Any	6 Per Year ^{2x}

When fishing the river near Lake Michigan, please use the guidelines on page 16.

Lake Macatawa

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	6 Per Year
Carp	PCBs	Any	Do Not Eat [▲]
Freshwater Drum	PCBs	Any	Limited [▲]
Largemouth Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	1
Sunfish	PFOS	Any	6 Per Year
Walleye	PCBs	Any	Limited [▲]
Yellow Perch	PFOS	Any	1

(Continued on the next page.)

Pigeon River

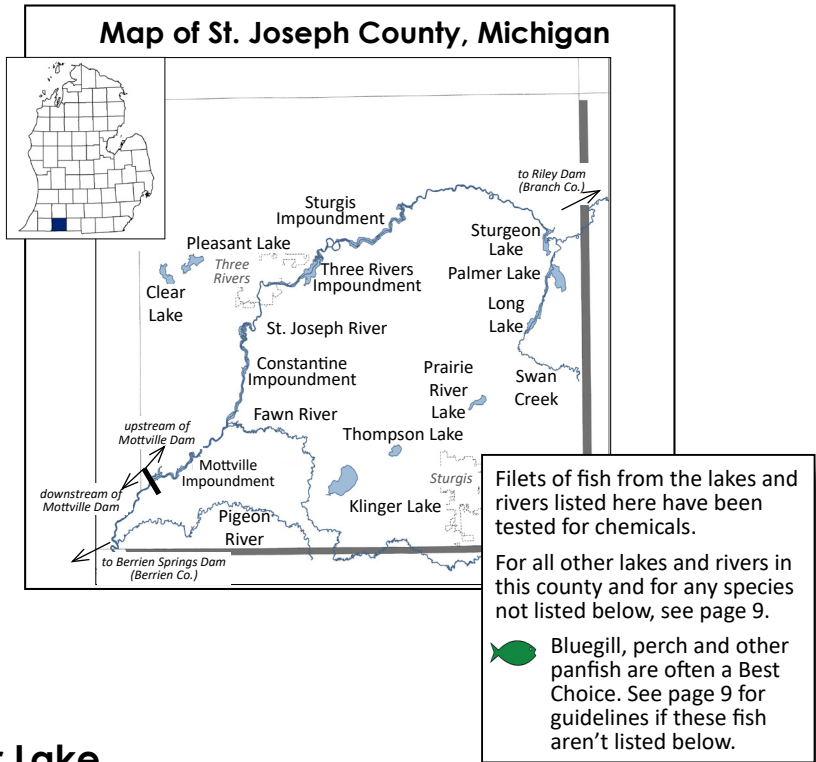


Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Suckers	Mercury	Under 15"	8
		Over 15"	4

When fishing the river near Lake Michigan, please use the guidelines on page 16.

See which fish are safe to eat from Lake Michigan on Page 16.

St. Joseph County



Clear Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 28"	2
		Over 28"	1

Fawn River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Mercury	Any	4
Largemouth Bass	Mercury	Under 16"	2
		Over 16"	1
Rock Bass	Mercury	Under 7"	12
		Over 7"	4

(Continued on the next page.)

St. Joseph County (continued)

Fawn River

(continued from page 104)



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Smallmouth Bass	Mercury	Under 16"	2
		Over 16"	1
Suckers	Mercury	Any	12

Klinger Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Northern Pike	Mercury	Under 30"	1
		Over 30"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1

Long Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Bullhead	Mercury, PCBs	Any	4
Largemouth Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	1
Sunfish	PFOS	Any	2

(Continued on the next page.)

St. Joseph County (continued)

Palmer Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Bullhead	Mercury, PCBs	Any	4
Largemouth Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	1
Sunfish	PFOS	Any	2

Pigeon River

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Rock Bass	PFOS	Any	Do Not Eat [▲]
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1
Suckers	Mercury, PCBs, PFOS	Any	2

Pleasant Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year

(Continued on the next page.)

St. Joseph County (continued)

Prairie River Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Northern Pike	Mercury	Under 30"	1
		Over 30"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year

St. Joseph River

(upstream of Mottville Dam to Riley Dam in Branch Co., including Sturgeon Lake, the the Mottville Impoundment, the Sturgis Impoundment, the Three Rivers Impoundment and the Constantine Impoundment)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	4
Carp	Mercury	Any	4
Largemouth Bass	Mercury	Under 18"	2
		Over 18"	1
Northern Pike	Mercury	Under 30"	2
		Over 30"	1
Smallmouth Bass	Mercury	Under 18"	2
		Over 18"	1
Sunfish	PFOS	Any	4
Walleye	Mercury, PCBs	Under 20"	2
	Mercury	Over 20"	1

(Continued on the next page.)

St. Joseph County (continued)

St. Joseph River

(downstream of Mottville Dam to Berrien Springs Dam in Berrien Co.)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	1
Carp	PCBs	Any	6 Per Year ^{2x}
Largemouth Bass	PCBs, PFOS	Under 18"	1
	Mercury, PCBs, PFOS	Over 18"	1
Smallmouth Bass	PCBs, PFOS	Under 18"	1
	Mercury, PCBs, PFOS	Over 18"	1
Sunfish	PFOS	Any	1

Swan Creek

(including Long Lake and Palmer Lake)

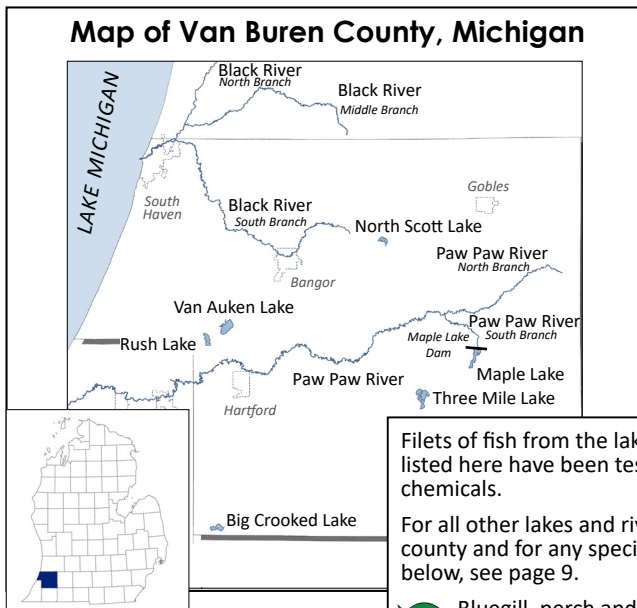
Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	2
Bullhead	Mercury, PCBs	Any	4
Largemouth Bass	PFOS	Any	1
Smallmouth Bass	PFOS	Any	1
Sunfish	PFOS	Any	2

Thompson Lake



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bullhead	Mercury	Any	16
Largemouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year
Smallmouth Bass	Mercury	Under 18"	1
		Over 18"	6 Per Year

Van Buren County



Filets of fish from the lakes and rivers listed here have been tested for chemicals.

For all other lakes and rivers in this county and for any species not listed below, see page 9.



Bluegill, perch and other panfish are often a Best Choice. See page 9 for guidelines if these fish aren't listed below.

Big Crooked Lake

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Largemouth Bass	Mercury	Under 18"	4
		Over 18"	2
Smallmouth Bass	Mercury	Under 18"	4
		Over 18"	2

Black River

(Including South Branch, North and Middle Branches in Allegan Co. and all tributaries)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	PCBs	Any	Limited [▲]
Suckers	Mercury, PCBs	Under 16"	4
	Mercury	Over 16"	2

(Continued on the next page.)

Van Buren County (continued)

Maple Lake



Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Carp	Mercury	Under 20"	8
	PCBs	20" to 26"	1 ^{2x}
		Over 26"	6 Per Year ^{2x}
Largemouth Bass	Mercury	Under 18"	4
		Over 18"	2
Smallmouth Bass	Mercury	Under 18"	4
		Over 18"	2

North Scott Lake

Type of Fish	Chemical of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Any	6 Per Year

Paw Paw River

(main branch, north branch and south branch downstream of the Maple Lake Dam)

Type of Fish	Chemicals of Concern	Size of Fish (length in inches)	MI Servings per Month*
Bluegill	PFOS	Any	6 Per Year
Northern Pike	Mercury, PFOS	Under 30"	2
	Mercury	Over 30"	1
Rock Bass	PFOS	Any	6 Per Year
Suckers	Mercury, PFOS	Any	2
Sunfish	PFOS	Any	6 Per Year

Rush Lake

Type of Fish	Chemical of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 30"	1
		Over 30"	6 Per Year

(Continued on the next page.)

Van Buren County (continued)

Three Mile Lake

Type of Fish	Chemical of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 30"	2
		Over 30"	1

Van Auken Lake

Type of Fish	Chemical of Concern	Size of Fish (length in inches)	MI Servings per Month*
Northern Pike	Mercury	Under 30"	2
		Over 30"	1

See which fish are safe to eat from Lake Michigan on Page 16.

Southwest Michigan Lakes & Rivers

Don't see a certain lake or river listed?

For the guidelines to all other lakes and rivers in Southwest Michigan, please see page 9. To get an *ESF Guide* for another region, visit Michigan.gov/EatSafeFish or call 800-648-6942.

Ada Impoundment (Thornapple River)	80
Alma Impoundment (Pine River)	87
Austin Lake	66
Bad River	48
Barton Lake.....	67
Battjes Park Pond	72
Battle Creek River	36
Bear Lake	88
Beaver Dam Pond	36
Belmont Creek.....	73
Big Blue Lake	89
Big Crooked Lake	109
Big Pine Island Lake	73
Bills Lake	93
Bird Lake	51
Black Creek	89
Black River (Allegan Co.)	18
Black River (Van Buren Co.)	109
Bostwick Lake	73
Bristol Lake	24
Brooks Lake	94
Bryant Millpond (Portage Creek)	70
Campbell Lake	74
Camp Lake	74
Carlton Creek (Muskegon Co.)	89
Carlton Creek (Oceana Co.).....	99
Carter Lake	24
Cary Lake	32
Cascade Impoundment (Thornapple River).....	80
Center Lake.....	62
Chippewa Lake.....	82
Chippewa River.....	60
Christiana Lake	40
Clark Lake	62
Clear Bottom Lake	74
Clear Lake	104
Clifford Lake.....	84
Coldwater Lake	33

Constantine Impoundment (St. Joseph River)	108
Cowden Lake	84
Craig Lake (Randall Lake Chain)	34
Crandell Lake	44
Crockery Lake	101
Crooked Lake	25
Cub Lake	51
Diamond Lake.....	94
Dowagiac River	40
Duck Lake	37
Eagle Lake (Cass Co.)	40
Eagle Lake (Kalamazoo Co.)	67
East Long Lake	33
Elks Lodge Pond.....	37
Emerald Lake (Kent Co.)	75
Emerald Lake (Newaygo Co.).....	94
Fawn River	104
Fenner Lake	19
Fidelity Lake.....	52
Fine Lake.....	25
First Lake.....	94
Flat River (Ionia Co.)	57
Flat River (Kent Co.)	75
Flat River (Montcalm Co.)	85
Fox Knoll Lake	42
Fraziers Pond	44
Fremont Lake.....	94
Freska Lake	76
Galien River	29
Goguac Lake	37
Gourdneck Lake.....	67
Grand River (Clinton Co.)	42
Grand River (Eaton Co.)	45
Grand River (Ingham Co.).....	53
Grand River (Ionia Co.)	58
Grand River (Jackson Co.)	63
Grand River (Kent Co.).....	76
Grand River (Ottawa Co.).....	102
Grass Lake.....	63
Green Bay, Big Bay de Noc and Little Bay de Noc.....	17
Gull Lake	67
Gun Lake.....	25
Hamilton Impoundment (Rabbit River).....	23
Harts Lake.....	37
Hawk Island Park Lake	54
Helmer Creek.....	38

Hess Lake	95
Horsehead Lake	82
Hutchins Lake	19
Indian Lake	41
Indian Mill Creek	76
Irving Impoundment (Thornapple River).....	27
Jones Lake	54
Jordan Lake (Barry Co.).....	25
Jordan Lake (Ionia Co.)	59
Juno Lake	41
Kalamazoo Lake	19
Kalamazoo River (Allegan Co.)	20
Kalamazoo River (Calhoun Co.)	38
Kalamazoo River (Kalamazoo Co.).....	68
Klinger Lake	105
LaBarge Impoundment (Thornapple River)	80
Lake Allegan.....	21
Lake Bella Vista.....	77
Lake Chapin (St. Joseph River)	31
Lake Diane	51
Lake Doster.....	22
Lake Isabella (Chippewa River).....	60
Lake Lansing	55
Lake Lavine	33
Lake Macatawa.....	102
Lake Michigan.....	16
Lake Montcalm	85
Lake Ovid	43
Leach Lake	26
Lincoln Lake	77
Little Black Creek	89
Littlefield Lake	61
Little Pine Island Lake	77
Little Whitefish Lake	85
Long Lake (Kalamazoo Co.)	69
Long Lake (Kent Co.).....	77
Long Lake (St. Joseph Co.)	105
Maple Lake	110
Maple River (Clinton Co.).....	43
Maple River (Gratiot Co.).....	48
Maple River (Ionia Co.).....	59
Marble Lake.....	33
Markin Glen Pond.....	69
Middleville Impoundment (Thornapple River).....	27
Millenium Park Ponds.....	78
Mona Lake	90
Mona Lake Celery Flats.....	90

Monarch Millpond (Portage Creek)	70
Morrison Lake (Randall Lake Chain, Branch Co.).....	34
Morrison Lake (Ionia Co.).....	59
Morrow Lake	69
Muskegon Lake.....	91
Muskegon River (Mecosta Co.)	83
Muskegon River (Muskegon Co.).....	91
Muskegon River (Newaygo Co.).....	95
Myers Lake	78
Nevins Lake.....	85
North Scott Lake	110
Norvell Lake.....	63
Okemos Historical Village Pond	55
Osterhout Lake	22
Ox Creek	29
Painter Lake	41
Palmer Lake	106
Paw Paw Lake	30
Paw Paw River (Berrien Co.)	30
Paw Paw River (Van Buren Co.).....	110
Payne Lake	26
Pentwater Lake.....	99
Pere Marquette River (Newaygo Co.).....	96
Pere Marquette River (Oceana Co.)	100
Pierson Drain	92
Pigeon River (Ottawa Co.).....	103
Pigeon River (St. Joseph Co.)	106
Pine Creek & Impoundment.....	23
Pine Lake	26
Pine River (Gratiot Co.).....	49
Pine River (Montcalm Co.).....	86
Plaster Creek	78
Pleasant Lake.....	106
Ponds at 4300 Cannonsburg Rd., Belmont.....	78
Portage Creek.....	70
Portage Lake.....	64
Prairie Lake.....	39
Prairie River Lake.....	107
Rabbit River	23
Rainbow Lake (Gratiot Co.).....	50
Rainbow Lake (Montcalm Co.).....	86
Randall Lake Chain.....	34
Red Cedar River	55
Reeds Lake.....	79
Reynolds Drain Pond	56
Richmond Park Fishing Pond	79

Robinson Lake	96
Rock Lake.....	86
Rogue Lake	79
Rogue River	80
Ruddiman Creek Lagoon	92
Ruppert Lake	70
Rush Lake.....	110
Sadony Bayou (Pierson Drain)	92
Sand Lake.....	97
Second Lake.....	97
Selkirk Lake.....	23
Six Lakes	87
Spring Brook	70
Spring Valley Pond.....	71
Stevenson Lake.....	61
Sturgeon Lake (St. Joseph River)	107
Sturgis Impoundment (St. Joseph River).....	107
St. Joseph River (Berrien Co.).....	30
St. Joseph River (Branch Co.)	34
St. Joseph River (Cass Co.)	41
St. Joseph River (St. Joseph River).....	107
St. Louis Impoundment (Pine River)	49
Swan Creek.....	108
Sylvan Lake	97
Tamarack Lake	87
Thompson Lake	108
Thornapple Lake.....	27
Thornapple River (Barry Co.).....	27
Thornapple River (Eaton Co.)	46
Thornapple River (Kent Co.).....	80
Three Lakes	71
Three Mile Lake	111
Three Rivers Impoundment (St. Joseph River).....	108
Tims Lake.....	64
Union Lake.....	35
Van Auken Lake	111
Vandercook Lake	65
Versluis Lake	81
Wabasis Lake	81
Walden Lake	81
Walkup Lake	98
West Lake	71
White Lake.....	92
Whitefish Lake.....	87
Wolf Creek.....	87

What Are the Chemicals of Concern?

The chemicals that cause Michigan’s Eat Safe Fish guidelines are DDT, dioxins, mercury, PCBs, PFOS, selenium and toxaphene. Many of these chemicals were put into the environment - by accident or on purpose - before we knew the long-term health and environmental problems they can cause.

These chemicals can travel through the air, and they can be carried by rain run-off and storm drains into our lakes, rivers and wetlands. Once in the water, the chemicals sink to the bottom and become a part of the fish food chain. Some of these chemicals can stay in the environment, in the fish and in the human body for a long time.

Efforts to reduce pollution under the U.S. Clean Water Act and U.S. Clean Air Act have cut the levels of these chemicals in the environment. In fact, the amount of DDT, dioxins, PCBs and toxaphene in our fish are slowly going down. However, mercury continues to be a worldwide problem and contaminants of emerging concern, like PFOS, are being monitored in fish.

Chemical of Concern	What is it?	Potential Health Problems
DDT (dichlorodiphenyl-trichloroethane)	<ul style="list-style-type: none"> • was one of the first modern insecticides • was banned in 1972 	<ul style="list-style-type: none"> • linked to the development of cancer • linked to the development of diabetes
Dioxins	<ul style="list-style-type: none"> • are not made on purpose • are created when chlorine chemicals are made or used • can be released when things that have chlorine in them - like paper or plastic - are burned • also can be released from old or poorly contained waste sites or intentional dumping 	<ul style="list-style-type: none"> • linked to the development of cancer • fertility can be harmed • thyroid function can be harmed

(continued on the next page)

Chemicals of Concern (continued from page 117)

Chemical of Concern	What is it?	Potential Health Problems
Mercury	<ul style="list-style-type: none"> • is a natural element • can be released from smokestacks of coal-fired power plants and other industry 	<ul style="list-style-type: none"> • brain development can be harmed in fetuses and children • heart function can be harmed in older adults • immune system can be harmed
PCBs (polychlorinated biphenyls)	<ul style="list-style-type: none"> • were used in electrical equipment - like transformers • were found in hydraulic oils 	<ul style="list-style-type: none"> • brain development can be harmed in fetuses and children • linked to the development of cancer • linked to the development of diabetes • immune system can be harmed
PFOS (perfluorooctane sulfonate)	<ul style="list-style-type: none"> • is used for waterproofing clothes, in fire-fighting foams, papers and packaging, cleaning products and pesticides • is now rarely used in the United States 	<ul style="list-style-type: none"> • fertility can be harmed • immune system can be harmed • linked to high cholesterol • linked to low birth weight • linked to pre-eclampsia in pregnant people • liver function can be harmed • thyroid function can be harmed
Selenium	<ul style="list-style-type: none"> • is a natural element • is needed for your body to function, but too much is harmful • through mining activities, selenium-rich rock and water got into lakes and rivers 	<ul style="list-style-type: none"> • hair loss • loss of fingernails • fatigue • irritability • mild nerve damage

Chemicals of Concern (continued from page 118)

Chemical of Concern	What is it?	Potential Health Problems
Toxaphene	<ul style="list-style-type: none">• was an insecticide for cotton and vegetables and on livestock and poultry• was sometimes added to lakes to kill unwanted fish• was banned in 1990	<ul style="list-style-type: none">• immune system can be harmed

NOTES

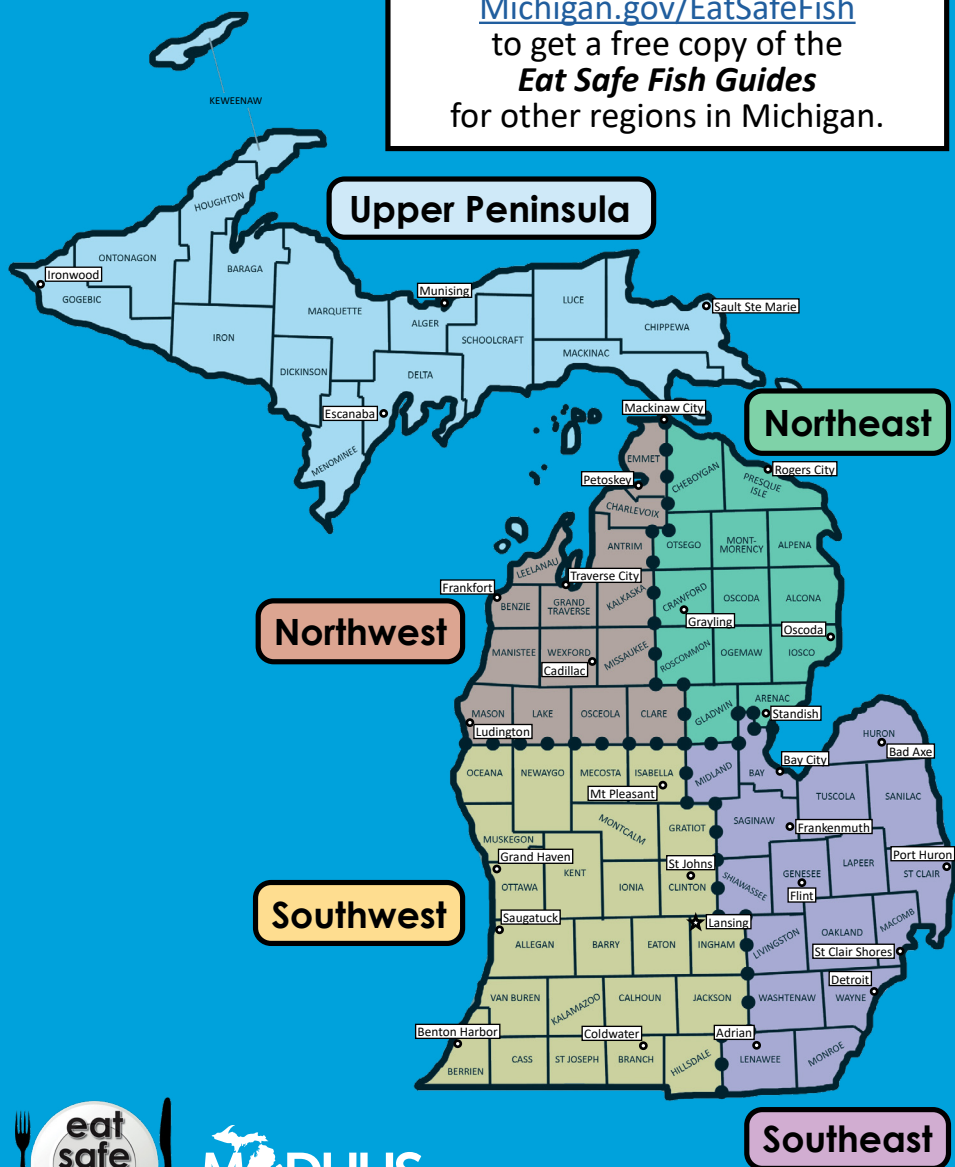
NOTES

NOTES

This page left blank on purpose.

Other Regional Eat Safe Fish Guides

Call 800-648-6942 or visit Michigan.gov/EatSafeFish to get a free copy of the *Eat Safe Fish Guides* for other regions in Michigan.





Saturday
April 25, 2026
9:00 am - 1:00 pm



SPRING RECYCLING DAY!

Meridian Farmers' Market
1995 Central Park Dr. Okemos

Accepted Items

Scrap Metals: washers, dryers, stoves, water heaters, mowers, snow blowers...

Bikes: Bikes and bike parts

Air conditioners, small fridges/ freezers, and dehumidifiers:

\$10 suggested donation unless you are a Consumers Energy customer. Bring a copy of your utility bill and you may be eligible for a rebate.

Document Shredding - staples, paperclips and small spiral binders accepted. Documents will be in locked storage until shredded.

Paint - latex only. \$1/qt. can, \$3/gal. can, \$15/bucket. Please keep in original can, don't mix colors. Can be liquid or dry.

Cardboard Boxes and Styrofoam: No Packing Peanuts, #4 Foam (squishy) or Insulation

Not Accepted

No gasoline or oil (please drain*). No x-rays, large 3-ring binders or large binder clips. No oil-based paint / stain.* Don't mix paints!

* See <http://tinyurl.com/Recyclopedia24> for disposal tips

Household hazardous waste drop-off is available May-Sep. For more info. 517.887.4312

Event Sponsors



<https://www.meridian.mi.us/living-in-meridian/conservation-green-initiatives/>



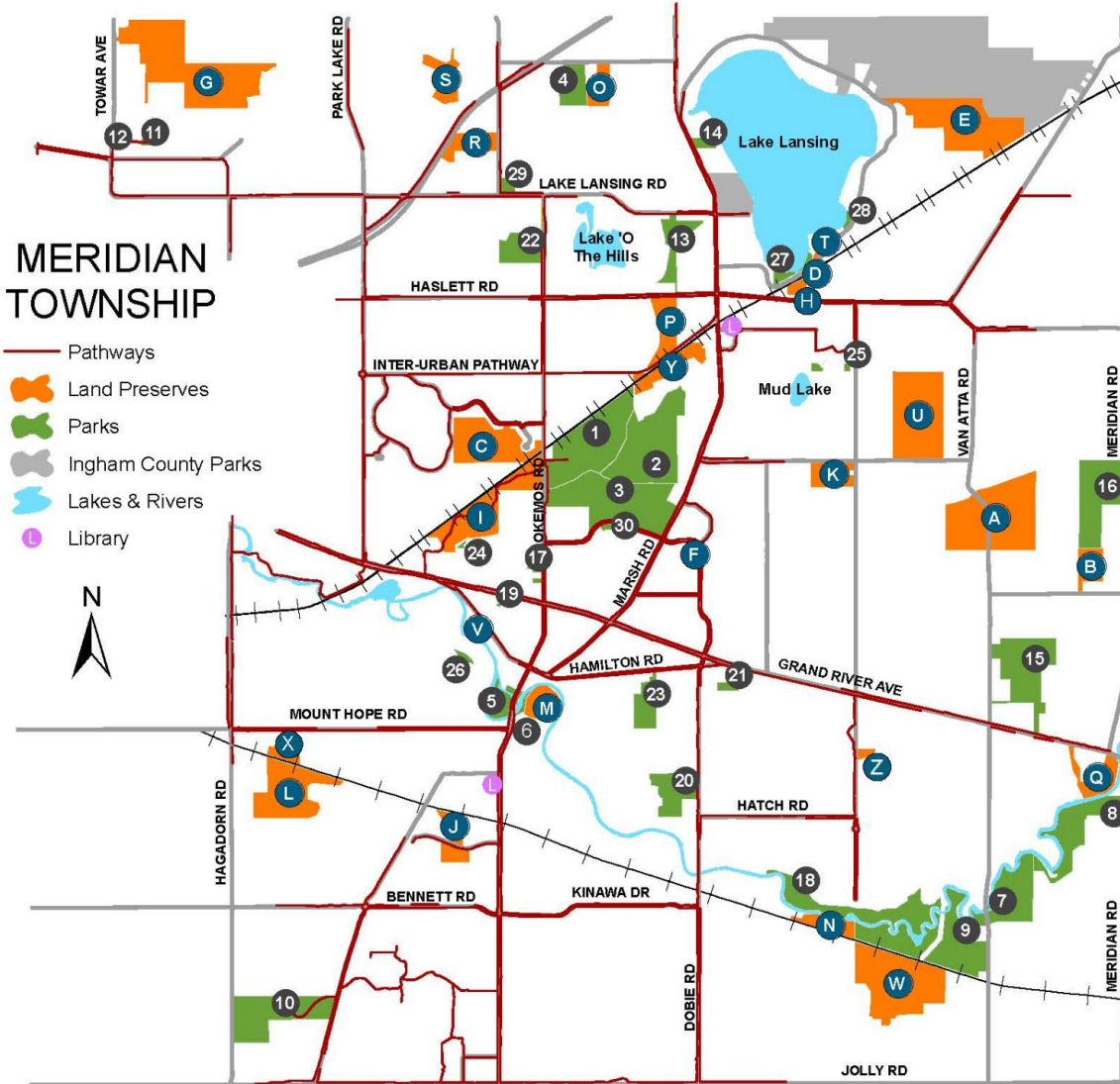
Meridian Township Parks and Recreation Master Plan Survey

Welcome to the Meridian Township Parks & Recreation Department's Master Plan Survey

Every five years, the department develops a Master Plan, which establishes goals and priorities that guide department decisions during the subsequent five years.

An important part of this process is soliciting public opinion. Please take a few minutes to complete the following survey. Your responses will remain anonymous.

Meridian Township Parks, Pathways & Preserves



Meridian Township Parks		
1 Nancy Moore Park	7 Harris Nature Center	19 Cedar Bend Heights
*Parks and Recreation Office	8 Eastgate Park	20 Sander Farm Natural Area
*Small Dog Park	9 Legg Park	21 Forest Hills Park
2 Central Park	10 Hartrick Park	22 Brattin Woods
*Municipal Building	11 Towar Park	23 Tacoma Hills Park
*Public Safety Building	12 Snell-Towar Rec Center	24 Schriener Park
*Meridian Historical Village	13 Hillbrook Park	25 Orlando Park
*Nokomis Learning Center	14 Marshall Park	26 Indian Hills Park
*Large Dog Park	15 Ted Black Woods	27 Lake Lansing Marsh
3 Central Park South	16 North Meridian Road Park	28 Spengler Marsh
4 Towner Road Park	17 Ottawa Hills Park	29 Newton Road Park
5 Wonch Park	18 Red Cedar Natural Area	30 Marketplace on the Green
6 Ferguson Park		

Meridian Township Land Preserves	
A Davis/Foster Preserve	N Red Cedar Glen Preserve
B Foster-Crouse Preserve	O Towner Wetland Preserve
C Hubbel Preserve	P Inter-Urban Wetland Preserve
D Kuzma Preserve	Q Red Cedar River East Preserve
E Lake Lansing North Preserve	R Forst Grove Preserve
F Newman Equities Preserve	S Glacial Ridge Preserve
G Towar Woods Preserve	T Tank Wetland
H Pike Crossing Preserve	U Tihart Preserve
I Okemos Road Preserve	V Mandenberg Woods
J Sower Woods Preserve	W Ponderosa Preserve
K Cornell Wetland Preserve	X Serafine Preserve
L Heron Creek Preserve	Y Nemoke Preserve
M Sumbal Preserve	Z Sweetwood Oaks Preserve

For more information:

517.853.4600 | parks@meridian.mi.us | www.meridian.mi.us

1. In the past year, how many times have you or a member of your household visited our Township Parks?

	Never	5 times or less	6 to 10 times	Over 10 times
Nancy Moore Park (Parks Office, Small Dog Park)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Central Park (Historic Village, Nokomis Learning Center, Large Dog Park)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Harris Nature Center	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Central Park South	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Towner Road Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wonch Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ferguson Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Eastgate Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Legg Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hartrick Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Towar Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hillbrook Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Marshall Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ted Black Woods	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
North Meridian Road Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ottawa Hills Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Red Cedar Natural Area	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cedar Bend Heights	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sander Farm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Forest Hills Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Schriener Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Orlando Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Indian Hills Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lake Lansing Marsh	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Spengler Marsh	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Newton Road Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. In the past year, how many times have you or a member of your household visited our Township Parks & Recreation Facilities?

	Never	5 times or less	6 to 10 times	Over 10 times
Harris Nature Center	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Snell-Towar Rec Center	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Marketplace on the Green	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nokomis Cultural Heritage Center (Central Park)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Senior Center	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Meridian Historical Village (Central Park)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Red Cedar Water Trail	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Small Dog Park (Nancy Moore Park)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Large Dog Park (Central Park)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

3. In the past year, how many times have you or a member of your household visited our Township Land Preserves?

	Never	5 times or less	6 to 10 times	Over 10 times
Davis/Foster Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Foster-Crouse Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hubbel Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Kuzma Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lake Lansing North Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Newman Equites Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Towar Woods Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pike Crossing Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Okemos Road Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sower Woods Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cornell Wetland Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Heron Creek Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sumbal Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Red Cedar Glen Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Towner Wetland Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Inter-Urban Wetland Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Red Cedar River East Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Forest Grove Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Glacial Ridge Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tank Wetland	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tihart Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mandenberg Woods	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ponderosa Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Serafine Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nemoke Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sweetwood Oaks Preserve	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other (please specify)

4. Prioritize the following goals for the overall Township parks and recreation system (1 being the highest priority, 5 being the lowest priority)

- Maintain and improve existing parks and facilities
- Enhance the management of natural resources in the parks and preserves to ensure best stewardship practices
- Purchase new land for added land preservation or future park development
- Public art in the parks, along trails and in Township facilities
- Provide high quality recreational programming & special events

5. Prioritize the following capital improvements to Township parks and recreation facilities (1 being the highest priority, 7 being the lowest priority)

- Improvements to existing park amenities in need of renovation (playgrounds, bathrooms, ball fields, courts, etc.)
- Improvements or expansion of the Harris Nature Center
- Improvements or expansion of the Marketplace on the Green
- Improvements or expansion of the Towar-Snell Recreation Center
- Find a facility to house the existing Senior Center Programming
- Indoor recreation programming and/or sports space
- Improvements to the navigability and access of the Red Cedar River

6. **Select all of the special events that you are aware of or you have attended.**

- Juneteenth Celebration
- Meridian Pride
- Farmers' Market (Summer and Winter)
- Summer Concert Series
- Celebrate Meridian
- Easter Egg Hunt
- Puzzle Nights
- Red Cedar River Days
- Halloween Spooktacular
- Santa's Woodland Stroll
- Santa Paws
- Meridian Conservation Corps Volunteer Days
- Events at Harris Nature Center
- Other:

7. Please rate the importance of the following activities/recreation facilities to you.

	Not important	Somewhat important	Important
Sidewalks/Trails for Walking	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bike Lanes and Bike Paths for Bicycling	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nature Areas with Nature Trails	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Playground Structures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Picnic Areas and Pavilions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ball Fields (Soccer, Baseball, Softball, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sport Courts (Tennis, Pickleball, Basketball, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Splash Pad	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Skateboarding and/or BMX Bike Facilities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dog Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Canoeing/Kayaking	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Golf	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Beach & Lake Facilities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Veteran's Memorial	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Public Art	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fishing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other:

8. **Please rate the importance of these recreation programs to you.**

	Not important	Somewhat important	Important
Baseball/Softball	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Soccer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tennis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pickleball	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Volleyball	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Golf	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Exercise and Fitness Classes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Summer Camps	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Children's Programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Adult Programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Senior Programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Teen Programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Family Programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Concerts, Shows and Movies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Special Events	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Basketball	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hockey	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Figure Skating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other:

9. **Please rate the importance of these stewardship and land conservation activities to you.**

	Not important	Somewhat important	Important
Invasive species removal	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Land stewardship educational programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Added native plantings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wetland restoration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Managing wildlife habitats	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trash removal from natural areas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other:

10. **What non-Meridian Township Park(s) have you visited frequently and what features did you enjoy most?**

Park Name(s)

Park Feature(s)

11. **Is there anything else you would like us to consider in regard to the Meridian Township parks & recreation system or services?**

12. **Before today, how aware were you of the range of services provided by the Meridian Township Parks & Recreation Department (parks, land preserves, trails, recreation programs, special events, and facilities)?**

- Very aware
- Somewhat aware
- Not Sure
- Slightly aware
- Not aware at all

13. **Are you a resident of Meridian Township?**

- Yes
- No

14. **How long have you lived in Meridian Township**

- Less than 5 years
- 6 to 10 years
- 11 to 15 years
- More than 15 years
- I am a non-resident

15. **In what zip code area do you live?**

- 48864
- 48840
- 48823
- Other (please specify)
- 48824
- 48825
- 48895
- 48854

16. **How old are you?**

- Under 25
- 25 to 34
- 35 to 44
- 45 to 54
- 55 to 64
- 65 and over

17. **How many children under 18 live in your household?**

0

2

4

1

3

5 or more

Thank You! Click DONE to submit the survey.



8.A.

To: Park Commissioners
From: Courtney Wisinski, Director of Parks and Recreation
Date: April 10, 2026
Re: Small Dog Park Shelter

In October 2025, several members of the small dog park approached staff requesting the addition of a shelter within the small dog park. The small dog park currently has approximately 115 members and is well-used throughout the day. Many members utilize the park year-round, in all weather conditions, and there is currently no shelter available to provide protection from rain or wind.

Representatives from the small dog park attended the November 18, 2025, Park Commission meeting to express support for the installation of a three-sided shelter. At the direction of the Commissioners, staff researched multiple shelter options.

Staff subsequently presented three size options for a three-sided shelter for Commission review and feedback. Based on member input and feasibility recommendations from maintenance staff, Director Wisinski provided the Commission with size options along with estimated costs. Following discussion, the Commissioners reached consensus to pursue bids for an 8' x 15' shelter. Staff obtained bids, with the lowest total coming in at \$17,104.25. This includes \$13,344.25 for the shelter structure and \$3,760 for the concrete foundation.

Both Commissioners and staff expressed concerns regarding the overall cost. As a result, the Commissioners have requested that dog park members contribute a portion of the installation expense. Based on the approved 2026 Parks & Recreation budget, staff recommends a 20 percent contribution from members, totaling \$3,420.

Staff are available to answer any questions.



To: Parks Commission Members
From: Amber Clark, Neighborhoods & Economic Development Director
Date: April 15, 2026
Re: Haslett Village Square Trailhead Donation

The Township Board approved the Mixed-Use Planned Unit Development (MUPUD) at the intersection of Haslett and Marsh Road in 2022. The proposed development is comprised of 189 residential units, 7,900 square feet of rehabilitated commercial space, and 14,000 square feet of newly developed commercial space. To adapt this vision for the 19+ acres of Haslett Village Square, several public amenities were included to gain local approval. The Township will benefit not only in a fully redeveloped 19 acres of obsolete commercial space, and some of the residential units will support incomes at or below 120% of the area median income or AMI for at least 20 years.

The 7,900 square foot commercial space at the north end of the property facing Haslett Road will be the “community hub”. Attracting at least four small business tenants, the site will provide public seating and outdoor gathering space for the public.

To the south connecting to the interurban trail, the developer will construct a single stall restroom, drinking fountain with a bottle filler and pet watering station, pet rest area, 6 public access parking spots, and updated trailhead for mobility access. The goal of this update is to provide the general public with a “pit stop” area on the interurban trail. Trail users will be able to access the Haslett Village Square area or continue on the pathway to Lake Lansing. Providing a rest area along the trail will support the Township’s overall vision of activating our Lake Lansing to MSU pathway, providing non-vehicular transit options, and activating the Haslett Village area.

Tonight, Staff is requesting the support of the Parks Commission to approve the land donation from SP Holding LLC. The property has been subdivided into five parcels, with parcel #5, approximately .47 acres with the following legal description:

Parcel 5

A parcel of land in the Southeast $\frac{1}{4}$ of Section 10, T4N, R1W, Meridian Township, Ingham County, Michigan, the surveyed boundary of said parcel described as: Commencing at the South $\frac{1}{4}$ corner of said Section 10; thence N00 22'20"W along the North-South $\frac{1}{4}$ line of said Section 10 a distance of 746.99 feet to the Northerly line of a Consumers Energy Easement; thence along said Northerly line the following three courses: N53 35'08"E 628.79 feet; N46 14' 05"E 124.14 feet; and N54 02'30"E 548.0 feet to the point of beginning of this description; thence N35 57'30"W perpendicular to said Northerly line 101.73 feet; thence N01 25'28"W parallel with the West right-of-way line of Marsh Road 98.66 feet; thence N88 08'51"E parallel with the South right-of-way line of Haslett Road 151.66 feet to said West right-of-way line; thence along said West right-of-way line the



following three courses: S01 25'28"E 49.99 feet to the centerline of former Raby Road; N89 45"31"W along said centerline 20.01 feet; and S01 25' 28"E 83.28 feet to said Northerly line of a Consumers Energy Easement; thence S54 02"30"W along said Northerly line 89.81 feet to the point of beginning; said parcel containing .47 acres, more or less; said parcel subject to all easements and restrictions, if any.

The legally described parcel will be donated in its entirety to the Township to be utilized by the public and maintained by Meridian Township's Parks Department. The donation will not occur until after the construction of the bathroom, installation of the drinking fountain, installation of the pet rest area, and parking spaces for the public. Staff will work with the developer to have the property deeded to the Township. The land donation will meet the required elements as approved in the MUPUD.

Your concurrence is appreciated, and the following motion is prepared for your consideration:

Recommend to the Township Board to authorize the land donation of subdivided parcel #5, as legally described and presented in the certified boundary survey, created by Erick Friestrom for Bosgraff homes, dated May 19-2025, to Meridian Township Parks for the updated "Interurban Trail Head" as an approved amenity of the Haslett Village Square Redevelopment project as approved by the Township Board.

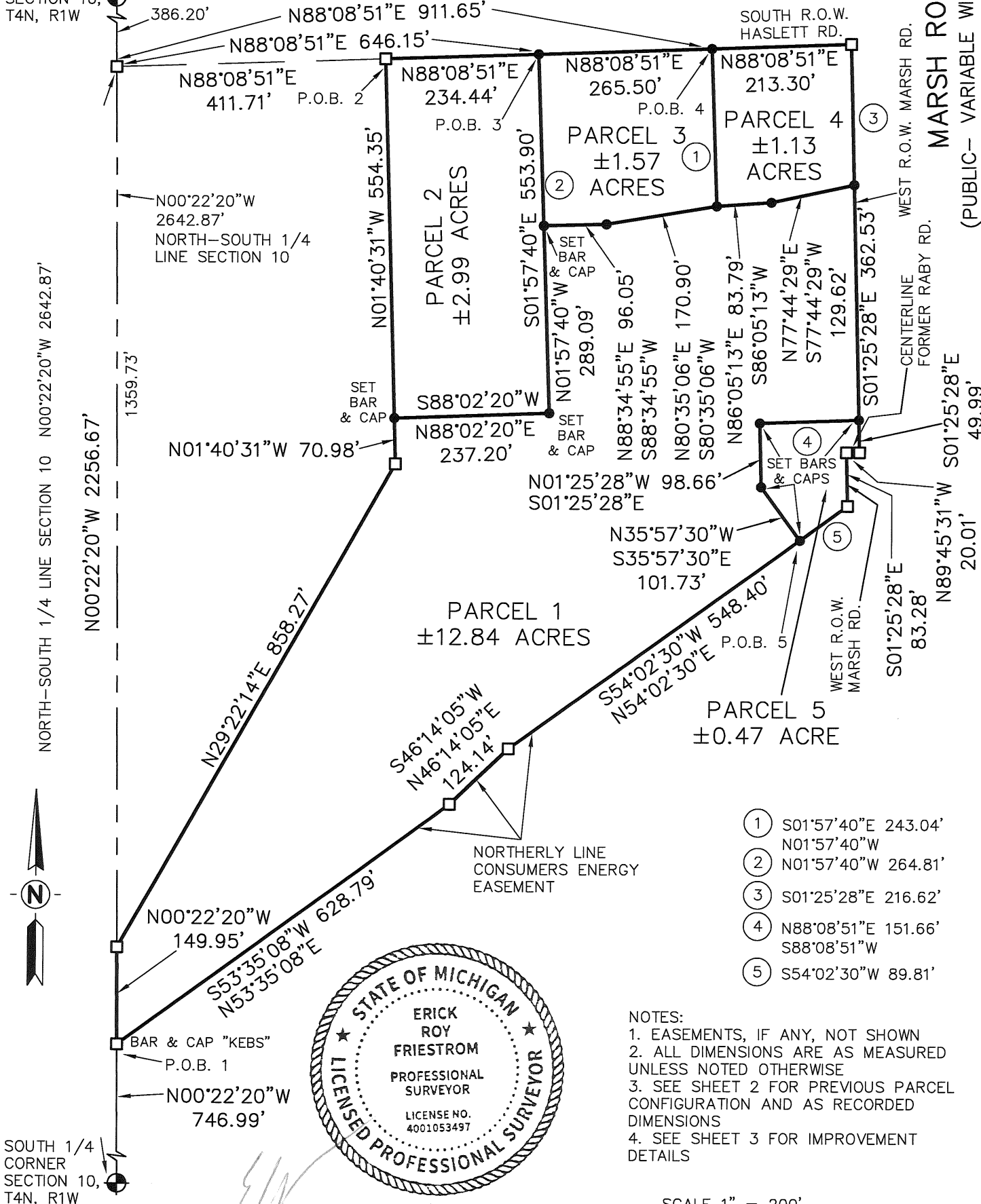
CERTIFIED BOUNDARY SURVEY

FOR: **BOSGRAAF HOMES**

HASLETT ROAD
(PUBLIC- 50' WIDE SOUTH R.O.W.)

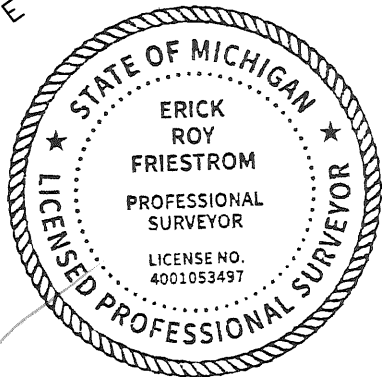
MARSH ROAD
(PUBLIC- VARIABLE WIDTH R.O.W.)

CENTER OF SECTION 10, T4N, R1W



- ① S01'57'40"E 243.04'
N01'57'40"W
- ② N01'57'40"W 264.81'
- ③ S01'25'28"E 216.62'
- ④ N88°08'51"E 151.66'
S88°08'51"W
- ⑤ S54°02'30"W 89.81'

NOTES:
 1. EASEMENTS, IF ANY, NOT SHOWN
 2. ALL DIMENSIONS ARE AS MEASURED UNLESS NOTED OTHERWISE
 3. SEE SHEET 2 FOR PREVIOUS PARCEL CONFIGURATION AND AS RECORDED DIMENSIONS
 4. SEE SHEET 3 FOR IMPROVEMENT DETAILS



ERW
05-19-2028

LEGEND

- = Set PK Nail & Tag #53497 Unless Noted
- = Found Bar & Cap #53497 Unless Noted
- = Survey Boundary Line
- = Distance Not to Scale
- x—x— = Fence
- ←0.0'± = Denotes Distance to the Survey Line

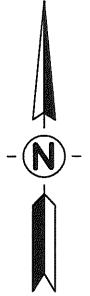
All Dimensions are in Feet and Decimals Thereof.
 All Improvements Not Shown.

	KEBS, INC. KYES ENGINEERING BRYAN LAND SURVEYS	
	2116 HASLETT ROAD, HASLETT, MI 48840 PH. 517-339-1014 FAX. 517-339-8047 13432 PRESTON DRIVE, MARSHALL, MI 49068 PH. 269-781-9800 FAX. 269-781-9805	
DRAWN BY AN	SECTION 10 , T4N, R1W	
FIELD WORK BY AE	JOB NUMBER:	
SHEET 1 OF 6	103392.BND	

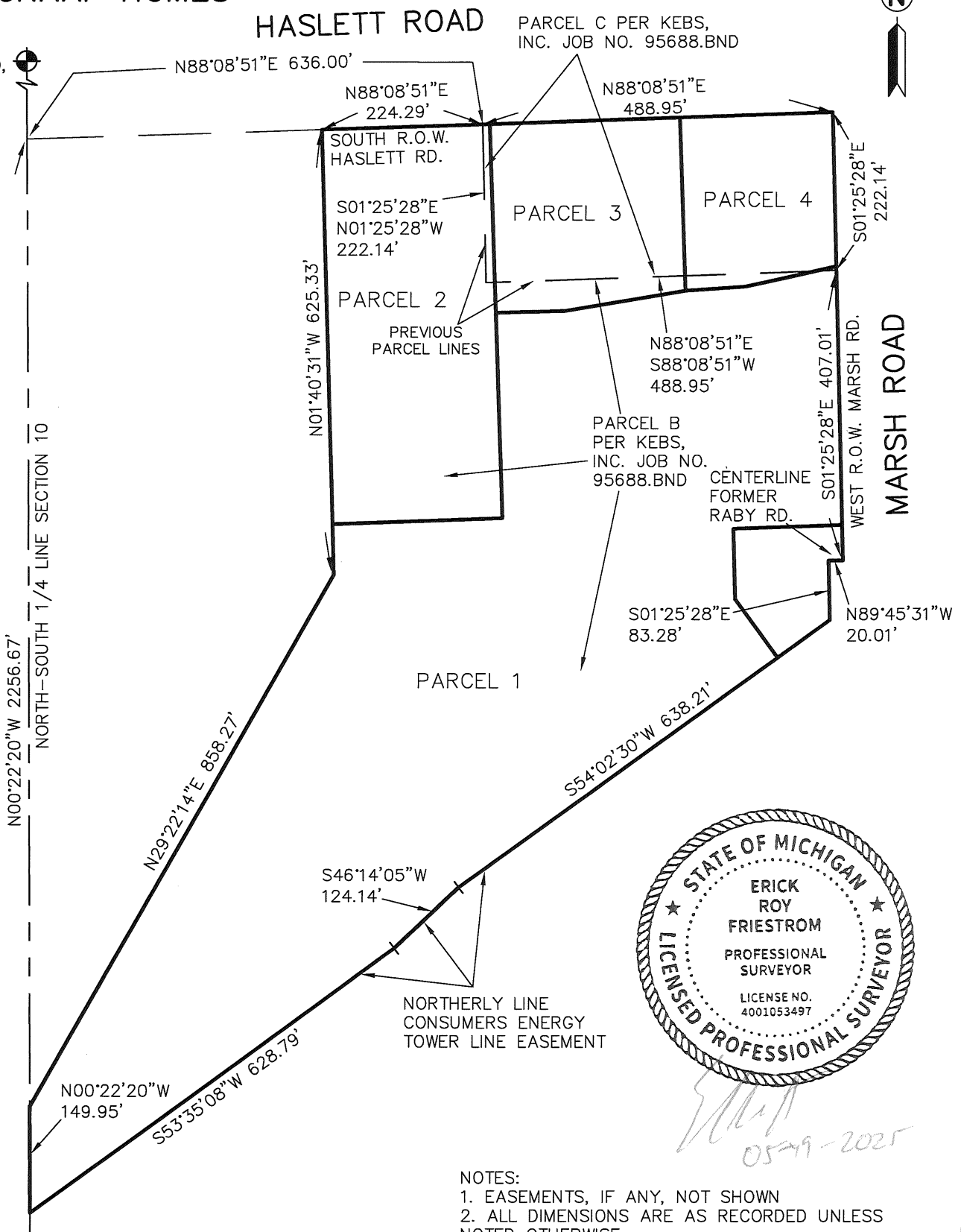
CERTIFIED BOUNDARY SURVEY

PREVIOUS CONFIGURATION & AS RECORDED DIMENSIONS

FOR: **BOSGRAAF HOMES**



CENTER OF SECTION 10, T4N, R1W



N00°22'20"W 2256.67'
NORTH-SOUTH 1/4 LINE SECTION 10

SOUTH 1/4 CORNER SECTION 10, T4N, R1W



Erick Roy Friestrom
05-29-2025

- NOTES:
1. EASEMENTS, IF ANY, NOT SHOWN
 2. ALL DIMENSIONS ARE AS RECORDED UNLESS NOTED OTHERWISE
 3. SEE SHEET 1 FOR BOUNDARY DETAILS
 4. SEE SHEET 3 FOR IMPROVEMENT DETAILS

SCALE 1" = 200'



LEGEND

- = Survey Boundary Line
- = Distance Not to Scale

All Dimensions are in Feet and Decimals Thereof.
All Improvements Not Shown.



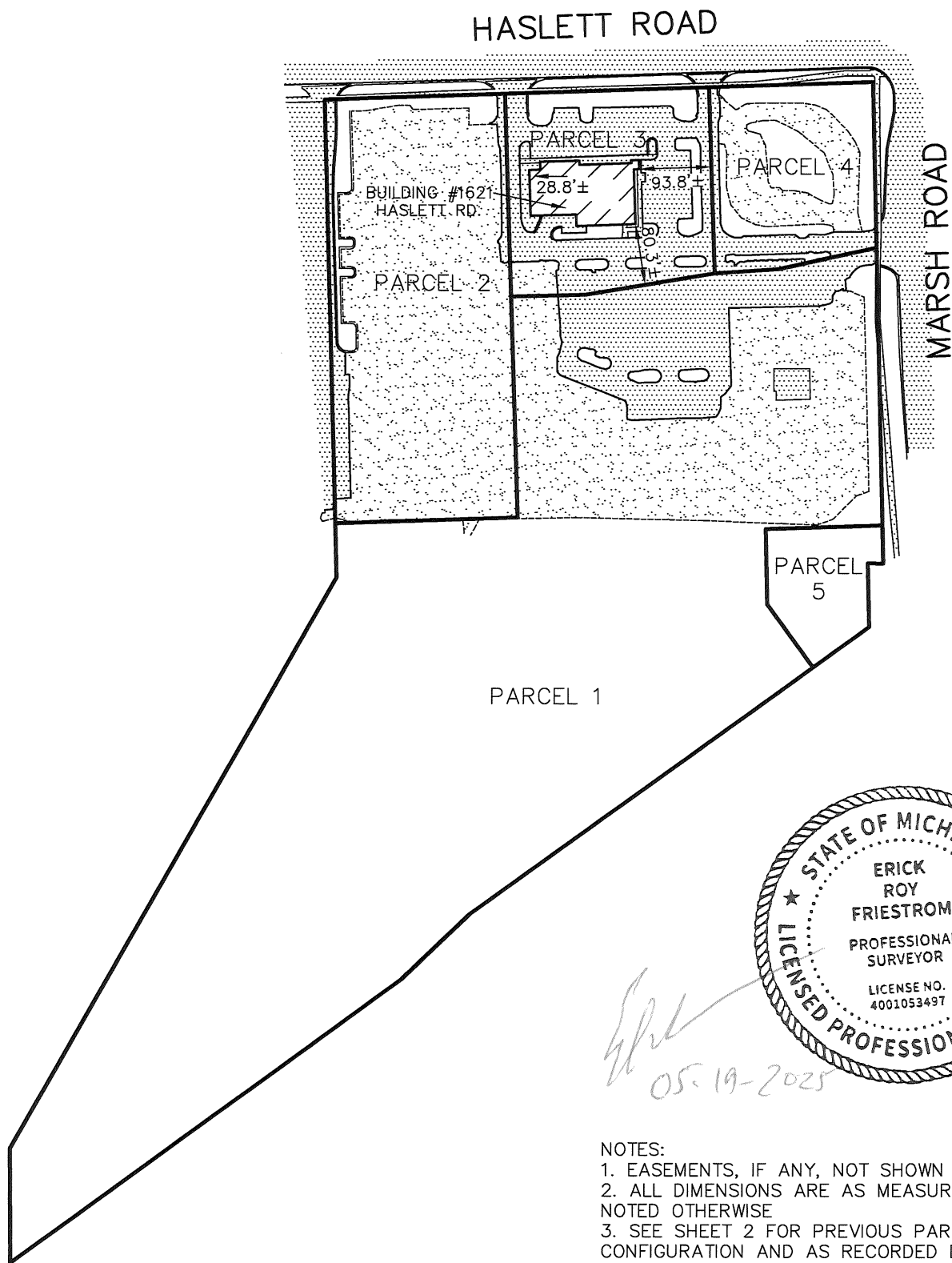
KEBS, INC. KYES ENGINEERING
BRYAN LAND SURVEYS

2116 HASLETT ROAD, HASLETT, MI 48840
PH. 517-339-1014 FAX. 517-339-8047
13432 PRESTON DRIVE, MARSHALL, MI 49068
PH. 269-781-9800 FAX. 269-781-9805

DRAWN BY AN	SECTION 10, T4N, R1W
FIELD WORK BY AE	JOB NUMBER: 103392.BND
SHEET 2 OF 6	

CERTIFIED BOUNDARY SURVEY IMPROVEMENT DETAILS

FOR: BOSGRAAF HOMES



- NOTES:
1. EASEMENTS, IF ANY, NOT SHOWN
 2. ALL DIMENSIONS ARE AS MEASURED UNLESS NOTED OTHERWISE
 3. SEE SHEET 2 FOR PREVIOUS PARCEL CONFIGURATION AND AS RECORDED DIMENSIONS
 4. SEE SHEET 1 FOR BOUNDARY DETAILS

SCALE 1" = 200'



LEGEND

- = Asphalt, Concrete
- = Gravel
- = Survey Boundary Line
- = Distance Not to Scale
- = Fence
- = Denotes Distance to the Survey Line

All Dimensions are in Feet and Decimals Thereof.

All Improvements Not Shown.



KEBS, INC. KYES ENGINEERING
BRYAN LAND SURVEYS

2116 HASLETT ROAD, HASLETT, MI 48840
PH. 517-339-1014 FAX. 517-339-8047

13432 PRESTON DRIVE, MARSHALL, MI 49068
PH. 269-781-9800 FAX. 269-781-9805

DRAWN BY AN	SECTION 10, T4N, R1W
FIELD WORK BY AE	JOB NUMBER:
SHEET 3 OF 6	103392.BND

CERTIFIED BOUNDARY SURVEY

CERTIFICATE OF SURVEY:

I hereby certify only to the parties named hereon that we have surveyed and divided into four parcels, at the direction of said parties, two parcels of land previously described as:

(As provided by KEBS, Inc. Survey Job No. 95688.BND)

Parcel B:

A parcel of land in the Southeast 1/4 of Section 10, T4N, R1W, Meridian Township, Ingham County, Michigan, the surveyed boundary of said parcel described as: Commencing at the South 1/4 corner of said Section 10; thence N00°22'20"W along the North-South 1/4 line of said Section 10 a distance of 746.99 feet to the point of beginning of this description; thence continuing N00°22'20"W along said North-South 1/4 line 149.95 feet; thence N29°22'14"E 858.27 feet; thence N01°40'31"W 625.33 feet to the South right-of-way line of Haslett Road, said South line being South of and 50.00 feet measured perpendicularly to the centerline of Haslett road; thence N88°08'51"E along said South line 224.29 feet; thence S01°25'28"E parallel with the West right-of-way line of Marsh Road 222.14 feet; thence N88°08'51"E parallel with said South line 488.95 feet to the West right-of-way line of Marsh Road, said West line being West of and 60.00 feet measured perpendicularly to the centerline of Marsh Road; thence along said West line S01°25'28"E 407.01 feet to the centerline of former Raby Road and a jog in the West right-of-way line of said Marsh Road; thence N89°45'31"W along said centerline and jog in right-of-way 20.01 feet to a point being West of and 80.00 feet measured perpendicularly to the centerline of Marsh Road; thence S01°25'28"E along said West line 83.28 feet to the Northerly line of a Consumers Energy tower line easement; thence along said Northerly line the following three courses: S54°02'30"W 638.21 feet, S46°14'05"W 124.14 feet; S53°35'08"W 628.79 feet to the point of beginning; said parcel containing 16.54 acres more or less; said parcel subject to all easements and restrictions if any.

Parcel C:


A parcel of land in the Southeast 1/4 of Section 10, T4N, R1W, Meridian Township, Ingham County, Michigan, the surveyed boundary of said parcel described as: Commencing at the South 1/4 corner of said Section 10; thence N00°22'20"W along the North-South 1/4 line of said Section 10 a distance of 2256.67 feet to the South right-of-way line of Haslett Road, said South line being South of and 50.00 feet measured perpendicularly to the centerline of Haslett road; thence N88°08'51"E along said South line 636.00 feet to the point of beginning; thence N88°08'51"E continuing along said South line 488.95 feet to the West right-of-way line of Marsh Road, said West line being West of and 60.00 feet measured perpendicularly to the centerline of Marsh Road; thence S01°25'28"E along said West line 222.14 feet; thence S88°08'51"W parallel with said South line 488.95 feet; thence N01°25'28"W parallel with said West line 222.14 feet to the point of beginning; said parcel containing 2.49 acres more or less; said parcel subject to all easements and restrictions if any.

and that we have found or set, as noted hereon, permanent markers to all corners and angle points of the boundaries of said parcels and that the more particular legal descriptions of said parcels are as follows:

(CONTINUED ON SHEET 5)



ER
05-19-2025

	KEBS, INC.	KYES ENGINEERING BRYAN LAND SURVEYS
	2116 HASLETT ROAD, HASLETT, MI 48840 PH. 517-339-1014 FAX. 517-339-8047 13432 PRESTON DRIVE, MARSHALL, MI 49068 PH. 269-781-9800 FAX. 269-781-9805	
DRAWN BY	AN	SECTION 10, T4N, R1W
FIELD WORK BY	AE	JOB NUMBER:
SHEET	4 OF 6	103392.BND

CERTIFIED BOUNDARY SURVEY

(CONTINUED FROM SHEET 4)

Parcel 1

A parcel of land in the Southeast 1/4 of Section 10, T4N, R1W, Meridian Township, Ingham County, Michigan, the surveyed boundary of said parcel described as: Commencing at the South 1/4 corner of said Section 10; thence N00°22'20"W along the North-South 1/4 line of said Section 10 a distance of 746.99 feet to the point of beginning of this description; thence N00°22'20"W continuing along said North-South 1/4 line 149.95 feet; thence N29°22'14"E 858.27 feet; thence N01°40'31"W 70.98 feet; thence N88°02'20"E 237.20 feet; thence N01°57'40"W 289.09 feet; thence N88°34'55"E 96.05 feet; thence N80°35'06"E 170.90 feet; thence N86°05'13"E 83.79 feet; thence N77°44'29"E 129.62 feet to the West right-of-way line of Marsh Road; thence S01°25'28"E along said West line 362.53 feet; thence S88°08'51"W parallel with the North line of Haslett Road 151.66 feet; thence S01°25'28"E parallel with said West line of Marsh Road 98.66 feet; thence S35°57'30"E perpendicular to the Northerly line of a Consumers Energy Easement 101.73 feet to said Northerly line; thence along said Northerly line the following three courses: S54°02'30"W 548.40 feet; S46°14'05"W 124.14 feet; and S53°35'08"W 628.79 feet to the point of beginning; said parcel containing 12.84 acres, more or less; said parcel subject to all easements and restrictions, if any.

Parcel 2

A parcel of land in the Southeast 1/4 of Section 10, T4N, R1W, Meridian Township, Ingham County, Michigan, the surveyed boundary of said parcel described as: Commencing at the South 1/4 corner of said Section 10; thence N00°22'20"W along the North-South 1/4 line of said Section 10 a distance of 2256.67 feet to the South right-of-way line of Haslett Road; thence N88°08'51"E along said South line 411.71 feet to the point of beginning of this description; thence N88°08'51"E continuing along said South line 234.44 feet; thence S01°57'40"E 553.90 feet; thence S88°02'20"W 237.20 feet; thence N01°40'31"W 554.35 feet to the point of beginning; said parcel containing 2.99 acres, more or less; said parcel subject to all easements and restrictions, if any.

Parcel 3

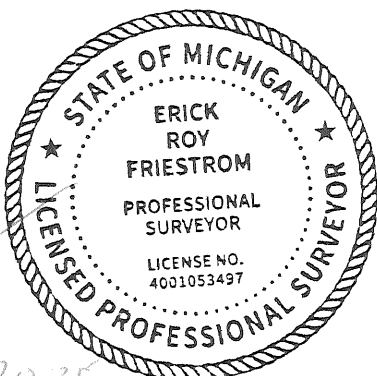
A parcel of land in the Southeast 1/4 of Section 10, T4N, R1W, Meridian Township, Ingham County, Michigan, the surveyed boundary of said parcel described as: Commencing at the South 1/4 corner of said Section 10; thence N00°22'20"W along the North-South 1/4 line of said Section 10 a distance of 2256.67 feet to the South right-of-way line of Haslett Road; thence N88°08'51"E along said South line 646.15 feet to the point of beginning of this description; thence N88°08'51"E continuing along said South line 265.50 feet; thence S01°57'40"E 243.04 feet; thence S80°35'06"W 170.90 feet; thence S88°34'55"W 96.05 feet; thence N01°57'40"W 264.81 feet to the point of beginning; said parcel containing 1.57 acres, more or less; said parcel subject to all easements and restrictions, if any.

Parcel 4

A parcel of land in the Southeast 1/4 of Section 10, T4N, R1W, Meridian Township, Ingham County, Michigan, the surveyed boundary of said parcel described as: Commencing at the South 1/4 corner of said Section 10; thence N00°22'20"W along the North-South 1/4 line of said Section 10 a distance of 2256.67 feet to the South right-of-way line of Haslett Road; thence N88°08'51"E along said South line 911.65 feet to the point of beginning of this description; thence N88°08'51"E continuing along said South line 213.30 feet to the West right-of-way line of Marsh Road; thence S01°25'28"E along said West line 216.62 feet; thence S77°44'29"W 129.62 feet; thence S86°05'13"W 83.79 feet; thence N01°57'40"W 243.04 feet to the point of beginning; said parcel containing 1.13 acres, more or less; said parcel subject to all easements and restrictions, if any.

(CONTINUED ON SHEET 6)

ERK
05.19-2025



	KEBS, INC.	KYES ENGINEERING BRYAN LAND SURVEYS
	2116 HASLETT ROAD, HASLETT, MI 48840 PH. 517-339-1014 FAX. 517-339-8047 13432 PRESTON DRIVE, MARSHALL, MI 49068 PH. 269-781-9800 FAX. 269-781-9805	
DRAWN BY	AN	SECTION 10, T4N, R1W
FIELD WORK BY	AE	JOB NUMBER:
SHEET	5 OF 6	103392.BND

CERTIFIED BOUNDARY SURVEY

(CONTINUED FROM SHEET 5)

Parcel 5

A parcel of land in the Southeast 1/4 of Section 10, T4N, R1W, Meridian Township, Ingham County, Michigan, the surveyed boundary of said parcel described as: Commencing at the South 1/4 corner of said Section 10; thence N00°22'20"W along the North-South 1/4 line of said Section 10 a distance of 746.99 feet to the Northerly line of a Consumers Energy Easement; thence along said Northerly line the following three courses: N53°35'08"E 628.79 feet; N46°14'05"E 124.14 feet; and N54°02'30"E 548.40 feet to the point of beginning of this description; thence N35°57'30"W perpendicular to said Northerly line 101.73 feet; thence N01°25'28"W parallel with the West right-of-way line of Marsh Road 98.66 feet; thence N88°08'51"E parallel with the South right-of-way line of Haslett Road 151.66 feet to said West right-of-way line; thence along said West right-of-way line the following three courses: S01°25'28"E 49.99 feet to the centerline of former Raby Road; N89°45'31"W along said centerline 20.01 feet; and S01°25'28"E 83.28 feet to said Northerly line of a Consumers Energy Easement; thence S54°02'30"W along said Northerly line 89.81 feet to the point of beginning; said parcel containing 0.47 acre, more or less; said parcel subject to all easements and restrictions, if any.

WITNESSES TO SECTION CORNERS:

Center of Section 10, T4N, R1W, Book 18, Page 83

Found remon bar & cap #31588

Found PK nail & tag in South side of 18" Oak, N74°W, 31.28'

Found PK nail & tag in West side of 6" Oak, North, 21.80'

Found nail & tag "KEBS" in West side of 14" Cherry, N08°W, 29.85'

Found nail & tag "KEBS" in East side of 8" Oak, N17°W, 11.98'

Found nail & tag "KEBS" in East side of 14" Oak, N53°W, 4.88'

Found 1/2" bar, North, 13.63'

South 1/4 corner, Section 10, T4N, R1W, Book 18, Page 84

Found remon bar & cap #31588, ±0.2' below grade

Southeast corner of garage #1764 Nemoke Trail, S13°E, 60.58'

Northwest corner of building #1760 Nemoke Trail, N57°E, 110.21'

Southwest corner of building #1760 Nemoke Trail, S82°E, 124.52'

Found nail & tag #53497 in Southeast side of 12" Pine, N18°W, 26.83'

Northeast corner of building #1764 Nemoke Trail, S67°W, 6.02'


I certify that the requirements for 1970 PA 132, MCL 54.213 have been met. The relative positional precision of the corners identified for this survey and shown on the map are within the limits accepted by the professional practice of surveying.

All bearings are Michigan State Plane South Zone grid bearings obtained from GPS observations using corrections obtained from the nearest National Geodetic Survey C.O.R.S. station.



E.R.F.
05-19-2025
Erick R. Friestrom
Professional Surveyor No. 53497

Date:

		KEYES ENGINEERING BRYAN LAND SURVEYS
2116 HASLETT ROAD, HASLETT, MI 48840 PH. 517-339-1014 FAX. 517-339-8047		
13432 PRESTON DRIVE, MARSHALL, MI 49068 PH. 269-781-9800 FAX. 269-781-9805		
DRAWN BY	AN	SECTION 10, T4N, R1W
FIELD WORK BY	AE	JOB NUMBER:
SHEET	6 OF 6	103392.BND

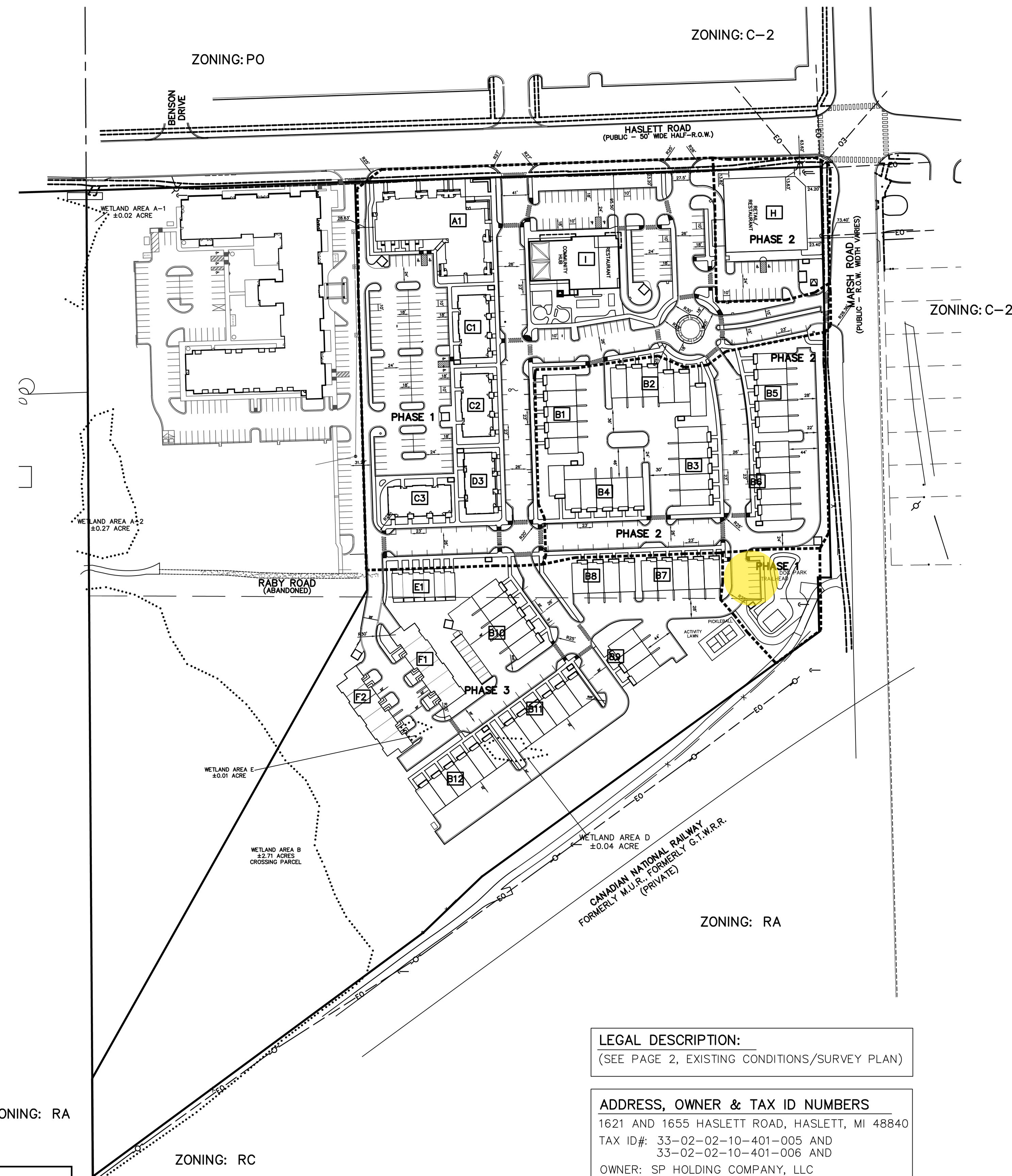
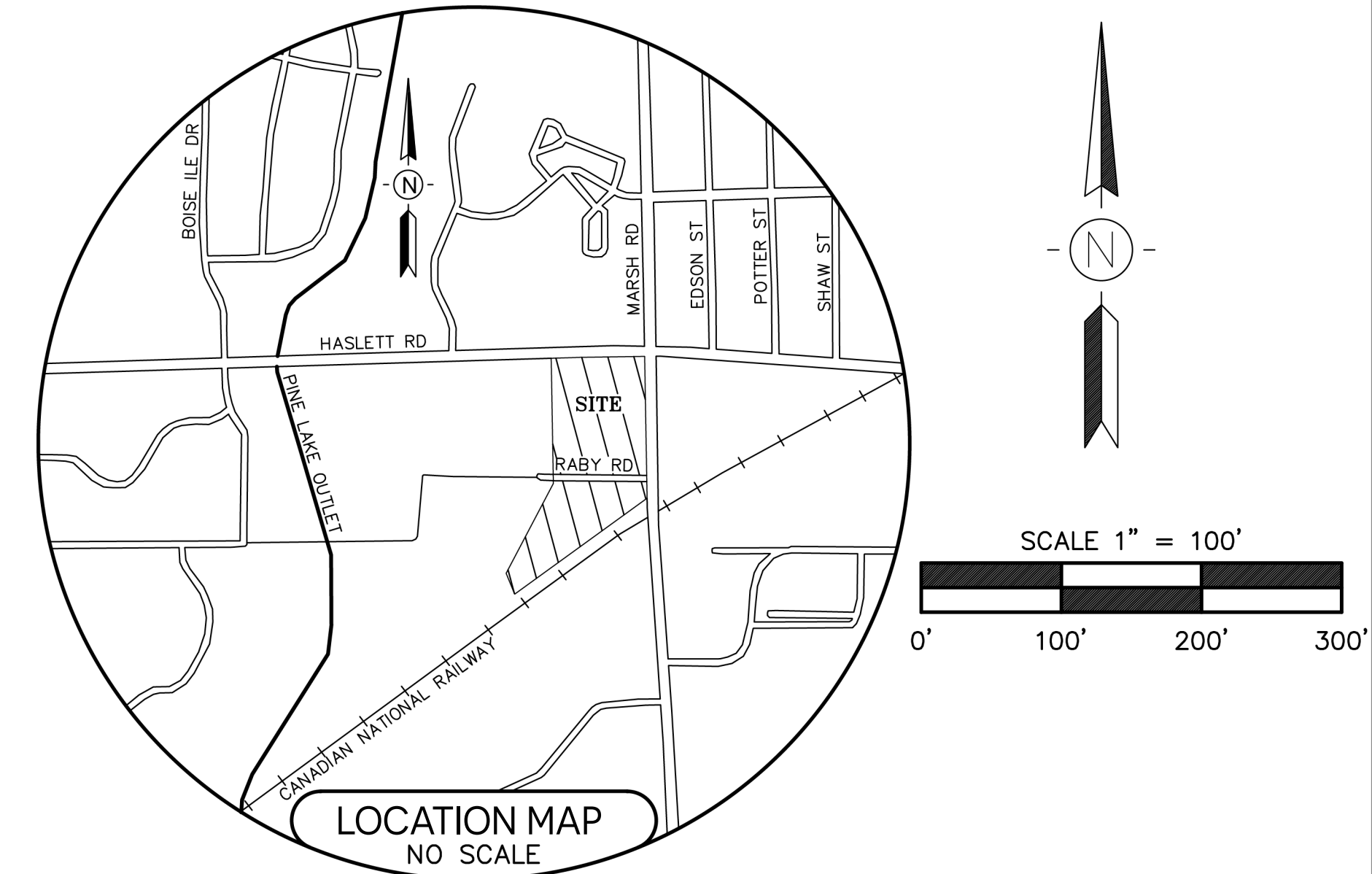
APPLICANT:
 SP HOLDING COMPANY, LLC
 148 S. RIVER AVE., SUITE 100
 HOLLAND, MI 49423
 PH: (616) 667-3333

ENGINEER/SURVEYOR:
 KEBS, Inc.
 2116 HASLETT RD.
 HASLETT, MI. 48840
 PH: (517) 339-1014

ARCHITECT:
 INTEGRATED ARCHITECTURE
 840 OTTAWA AVE. NW
 GRAND RAPIDS, MI 49503
 PH: (616) 559-4724

HASLETT VILLAGE

MERIDIAN TOWNSHIP, INGHAM COUNTY, MICHIGAN



SITE DATA
 PROPOSED M.U.P.U.D.
 TOTAL SITE AREA = 829,215 SF = 19.04 ACRES
 EXISTING ZONING: C-2 (GENERAL COMMERCIAL)
 ADJACENT ZONING: SEE PLAN

BUILDING SETBACKS
 FRONT - 100' FROM C/L HASLETT/MARSH RD.
 SIDES - 15'
 REAR - 15' (100' FROM SOUTH LINE-RA ZONING)
 HEIGHT - 45' MAX. = 45' PROPOSED - OK

BUILDING/UNIT DATA

APARTMENTS (A) = 48,000 G.S.F. = 58 UNITS
 4 (STUDIO), 39 (1-BED), 15 (2-BEDROOM)

TOWNHOUSE (B) = 1,580 G.S.F. EACH (12 BLDGS)
 62 (3-BED) = 62 UNITS (3 BEDROOM)

STACKED FLATS (C) = 12,100 G.S.F. EACH (3 BLDGS)
 12 X 3 = 36 UNITS (ALL 2 BEDROOM)

STACKED FLATS (D) = 18,660 G.S.F. EACH (1 BLDGS)
 = 12 UNITS = 3 (1-BED), 9 (2-BEDS)

ROW HOUSE (E) = 1,150 G.S.F. EACH UNIT (1 BLDGS.)
 6 (2-BED) = 6 UNITS

TOWNHOUSE (F) = 14,600 G.S.F. EACH (2 BLDGS.)
 8 X 2 = 16 UNITS = 12 (2-BEDS), 4 (3-BEDS)

TOTAL UNITS = 190
 TOTAL G.S.F. = 237,020 G.S.F.

RETAIL (H) = 14,000 G.S.F.

COMMERCIAL (I) = 9,230 G.S.F.

PARKING
 RESIDENTIAL (1-BED UNITS/STUDIO) = 46 UNITS @
 REQUIRED 2 SPACES/UNIT PLUS EXPANSION
 CAPACITY OF 25% = 115 SPACES

RESIDENTIAL (2+ BED UNITS) = 78 UNITS @ REQUIRED
 2 SPACES/UNIT PLUS EXPANSION CAPACITY OF 25%
 = 360 SPACES

COMMERCIAL/RETAIL = 21,750 SF @ 5 SPACE/1,000 SF
 = 109 SPACES
 TOTAL SPACES = 115 + 360 + 109 = 584 SPACES
 TOTAL = 584 SPACES

PROVIDED: 10'X18' SPACES = 368
 9'X23' SPACES (MIN.) = 76
 PROVIDED @ TOWNHOMES = 61 (GARAGE)
 TOTAL PROVIDED = 505 SPACES
 OVERALL = 584 - 505 = 329 SPACE WAIVER NEEDED

BIKE PARKING
 FOR BIKES, 1 BIKE PARKING IS REQUIRED FOR EACH 10
 REQUIRED SPACES. FOR 834 SPACES, BIKE PARKING
 REQUIRED IS 83. WITH GRANTED PARKING WAIVER THE
 BIKE PARKING REQUIRED WILL BE 48. BIKE PARKING
 AREAS ARE SHOWN, RACKS WILL BE PROVIDED TO MEET
 REQUIREMENT

AMENITIES (SEE ARCHITECTURAL FOR MORE DETAIL)

- COMMUNITY FOCUSED BUNDLE (DOG PARK, TRAILHEAD, FOOD TRUCK COURT)
- ELECTRIC CAR CHARGING STATIONS
- PUBLIC OUTDOOR SEATING PLAZA
- PUBLIC RECREATION RESOURCE
- GREEN SPACE
- LOW-FLOW PLUMBING FIXTURES
- WIRELESS ACCESS POINTS
- DECORATIVE LIGHTING

OPEN SPACE
 EXISTING IMPERVIOUS AREA: 363,793 SF
 EXISTING PERVIOUS AREA: 465,422 SF
 EXISTING OPEN SPACE: 465,422 / 829,215 = 56.13%

PROPOSED IMPERVIOUS AREA: 475,362 SF
 PROPOSED PERVIOUS AREA: 353,853 SF
 PROPOSED OPEN SPACE: 353,853 / 829,215 = 42.67%

UTILITIES
 WATER:
 CITY PUBLIC WATER MAIN (TO BE EXTENDED)
 SANITARY:
 CITY PUBLIC SANITARY (TO BE EXTENDED)
 STORM:
 ON-SITE SEWER, WATER TREATMENT AND DETENTION

STANDARD CONSTRUCTION NOTES

- The Contractor shall notify the Charter Township of Meridian, Department of Public Works, Office of Engineering, ph# 517-853-4440, a minimum of 72 hours prior to the start of construction of public utilities or of construction within the public right-of-way. In addition, any work within the public right-of-way, including signage will require a permit from the Ingham County Road Department. 2.All construction shall conform to the current standards and specifications of the Charter Township of Meridian which are included as part of these plans in effect at the time of construction. 3.After the completion of construction of public utilities or construction within public right-of-way, the contractor must request a final inspection. Any punchlist items resulting from the final inspection must be resolved prior to final release and acceptance.
- The existing utilities indicated on the plans are in accordance with available information. It shall be the contractor's obligation to verify the exact location of all existing utilities, which might affect this job.
- The contractor shall notify "MISS DIG" 1-800-482-7171 at least 72 hours prior to the start of construction. 6.The contractor shall at all times be aware of inconvenience caused to the abutting property owners and the general public. Where the contractor does not remedy undue inconveniences, the Meridian Charter Township, upon four hours notice, reserves the right to perform the work and deduct the cost therefore from the money due the contractor.
- Registered Land Surveyor provided by the contractor at the contractor's expense shall replace all property irons and monuments disturbed or destroyed by the contractor's operations. 8.Contractor shall provide Owner and Township Engineer a copy of written permission to use private property for storage of equipment and materials or for his construction operations. 9.Trench backfill under existing or proposed roadways, driveways, and parking areas, shall be sand or gravel, placed in 12" layers (maximum) and consolidated to 95% of maximum density as measured by modified proctor unless otherwise noted. 10. Trees and shrubs are to be protected during construction and bored where necessary.

Existing fences shall be removed and restored to their original condition or better where in conflict with construction. 12. Driveways, culverts, ditches, drain tile, tile fields, drainage structures, etc., that are disturbed by the contractor's operations shall be immediately restored.

13.All established lawn areas disturbed by the contractor's operations shall be resodded with matching sod. All other areas shall be seeded and mulched. Seeding and mulching shall be done in accordance with the General Specifications.

14.All ditch slopes shall have established vegetation and be protected from erosion. 15. All utility poles in close proximity to construction shall be supported in a manner satisfactory to the utility owner.

16.Prior to acceptance of the public utility, one complete set of acceptable sealed as-built mylars, minimum 3 mills thick, and one diskette (AutoCAD format) of the site plans shall be submitted to the Office of Engineering. 17. Onsite parking and sanitary facilities shall be provided for construction workers. The facilities shall be constructed and operated (with minimal impact to the surrounding area) to the satisfaction of the Township.

PATHWAY / SIDEWALK NOTES

- Sidewalk - 5' (minimum) wide concrete 4" thick, 6" thick through single family residential driveways, 7" thick through multi-family residential and commercial driveways on 3" compacted sand backfill. To maintain continuity, all 4' wide concrete sidewalks shall be replaced with new 4' wide concrete sidewalk when appropriate. 2.Pathways - (adjacent to roadways) - 7' (minimum) (8' when next to a wall or other object) wide concrete, 4" thick, 6" thick through residential driveways, 7" thick through commercial driveways on 3" compacted sand backfill. 3.Pathways - (off-road) - 8' (minimum) wide concrete, 6" thick concrete on 3" compacted sand backfill or 8' (minimum) wide asphalt 3" thick (Bituminous Mixture 1500T/L) on 6" of 21AA crushed limestone (minimum 9' wide).
- Sidewalks and pathways shall generally be placed 1 (one) foot from the ultimate right-of-way as identified on the "Street and Highway Plan". Contact the Department of Planning and Community Development for a current copy of the plan.
- boardwalk may be required to be installed instead of a standard concrete sidewalk/pathway if regulations do not allow their installation.
- 6.Pathways and sidewalks shall be constructed so as to promote proper positive surface drainage. Where ever possible the sidewalk/pathway shall be constructed 0.5' higher than the curb.
- 7.Retaining walls shall only be installed where all other efforts (offsite grading easements, tree relocation, etc.) to mitigate the need for such wall have been evaluated for cost effectiveness and dismissed.
- Guardrails and handrails shall be installed where the slopes adjacent to the pathway/sidewalk cannot be constructed to 1' vertical for every 3' horizontal. The depth to the toe of the slope area will be considered when implementing this requirement.
- 9.Pathways or sidewalks that do not connect to an existing pathway/sidewalk shall provide a gradual transition to existing ground. A "path ends" sign shall be posted at all pathway/sidewalk termini.
- Maximum slope of sidewalk is 5%. Cross slope is 2%. 11. All existing bituminous and concrete to be removed shall be sawcut.
- Expansion joint to be placed at 100' intervals. 13. All lumber to be pressure treated (Osmose 33 or equal) to 0.4 retention.

LEGAL DESCRIPTION:
 (SEE PAGE 2, EXISTING CONDITIONS/SURVEY PLAN)

ADDRESS, OWNER & TAX ID NUMBERS
 1621 AND 1655 HASLETT ROAD, HASLETT, MI 48840
 TAX ID#: 33-02-02-10-401-005 AND
 33-02-02-10-401-006 AND
 OWNER: SP HOLDING COMPANY, LLC

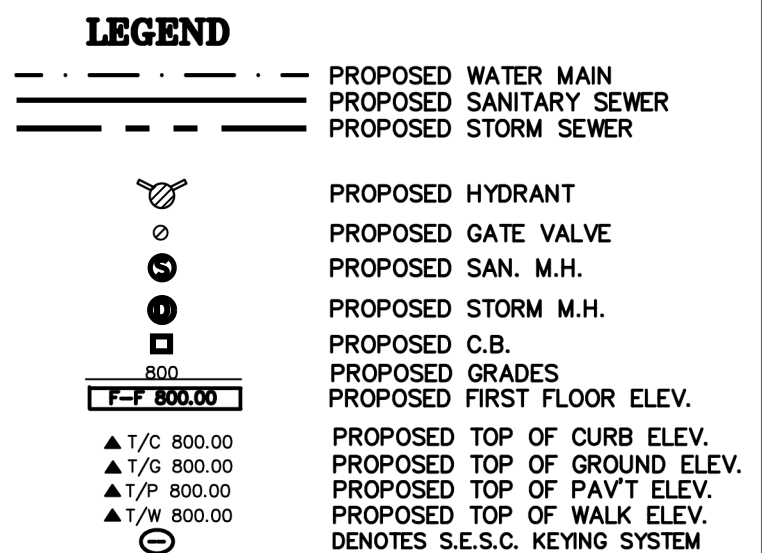
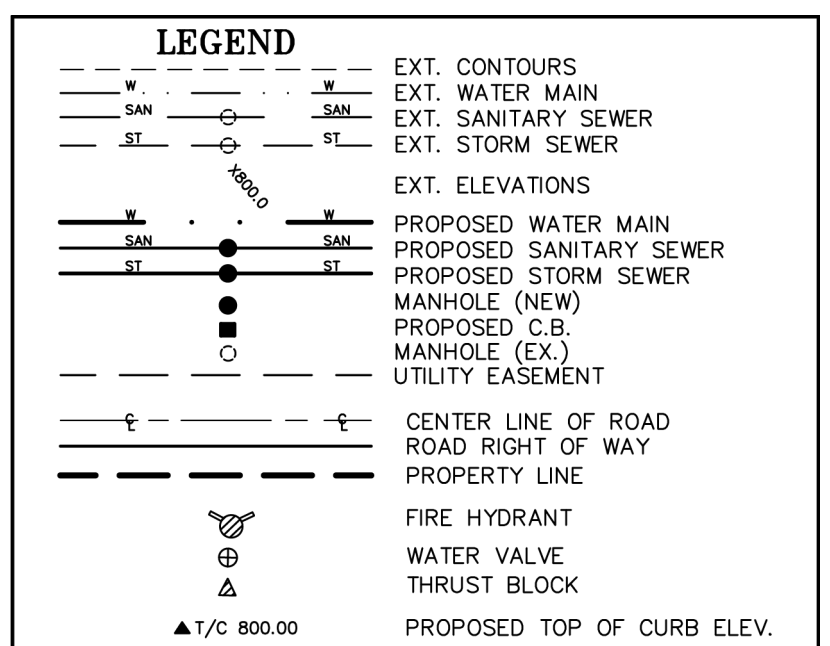
SHEET INDEX

- OVERALL SITE PLAN
- EXISTING CONDITIONS/SURVEY PLAN
- ENLARGED SITE AND DIMENSION PLAN
- OVERALL UTILITY PLAN
- GRADING PLAN NORTH
- GRADING PLAN MIDDLE
- GRADING PLAN SOUTH
- STORM SEWER PLAN NORTH
- STORM SEWER PLAN MIDDLE
- STORM SEWER PLAN SOUTH
- PHASE I UTILITY PLAN
- PHASE I GRADING PLAN
- PHASE I STORM SEWER PLAN
- PLAN & PROFILE #1
- PLAN & PROFILE #2
- PLAN & PROFILE #3
- PLAN & PROFILE #4
- PLAN & PROFILE #5
- SOIL EROSION CONTROL PLAN
- DETAIL SHEET #1
- DETAIL SHEET #2

ATTACHMENTS:
 INFILTRATION/CONTACT DETAILS
 LANDSCAPE PLAN (BY OTHERS)
 LIGHTING PLAN (BY OTHERS)
 MERIDIAN TOWNSHIP DETAILS (NOT INCLUDED)

NOTE:

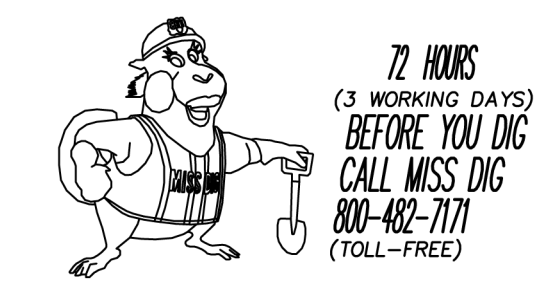
- FLOOR DRAIN LOCATIONS IN PROPOSED BUILDINGS (SEE ARCHITECTURAL PLANS)
- NO EXISTING OR PROPOSED STORAGE FACILITIES
- NO PROPOSED BUILDINGS SHALL STORE, USE OR GENERATE HAZARDOUS WASTE
- INVENTORY OF HAZARDOUS SUBSTANCE NOT PROVIDED SINCE NONE IS PROPOSED



BENCHMARKS:

BENCHMARK #1 ELEV. = 862.07 (NAVD88)
 CHISELED "X" IN NORTH SIDE OF CONCRETE LIGHT POLE BASE, 170± EAST AND 90± NORTH OF NORTHWEST CORNER OF #1655 HASLETT ROAD.

BENCHMARK #4 ELEV. = 863.05 (NAVD88)
 SOUTHWEST FLANGE BOLT OF FIRE HYDRANT, UNDER THE "A" IN "TRAVERSE CITY", 18± EAST AND 80± NORTH OF NORTHEAST CORNER OF #1655 HASLETT ROAD.



REVISIONS

3-15-22 M.U.P.U.D. SUBMITTAL		
4-29-22 M.U.P.U.D. REVISION		
11-14-22 SITE PLAN SUBMITTAL		
7-28-23 SITE PLAN SUBMITTAL		
1-29-24 SITE PLAN SUBMITTAL		
9-26-24 SITE PLAN SUBMITTAL		
11-27-24 SITE PLAN SUBMITTAL		
3-10-25 SITE PLAN REVISION		

DESIGNER: GREGORY A. PETRU ENGINEER NO. 50958

PROJECT MGR.: LAKE DRIVE GROUP, LLC

APPROVED BY: SHEET 1 OF 21

JOB #: E-99148

The Red Cedar River Water Trail stretches along the Red Cedar River from Williamston to the confluence with the Grand River in downtown Lansing where it merges with the Middle Grand River Water Trail.

Along its 30 mile route, the water trail showcases a diversity of Mid-Michigan landscapes, from farms and forests in its upper reaches, through suburban areas with a large number of parks and recreation areas downstream. Highlighting the central segment, the water trail traverses the beautiful campus of Michigan State University before running alongside the land-based Lansing River Trail into the more urbanized areas of Lansing. Wildlife abounds on all stretches of the river.

More information on the Red Cedar River Water Trail can be found at:
RedCedarRiver.org



PADDLE SAFE

The Red Cedar River is a dynamic natural system that is ever-changing. Its water level and flow rate can fluctuate significantly based on weather events and the time of the year. You may encounter logjams that need to be portaged and noxious plants on the shoreline. Know your abilities and gather as much information as you can about river conditions before leaving on a paddle trip. Always wear a personal flotation device, paddle with a partner, and use common sense.

It is recommended that you familiarize yourself with WHAT3WORDS at what3words.com and in the event of an emergency, call or text 911.

You are responsible for your own safety.



Red Cedar River Regatta

Saturday, May 16, 2026

9:00am to 5:00pm

Celebrate the opening of the Red Cedar River Water Trail by joining in a community paddle trip on the Red Cedar River.



The Red Cedar River Regatta is sponsored by the Rotary Club of Williamston Michigan and the Haslett-Okemos Rotary Club

Paddle your favorite segment of “The Red”

River enthusiasts who wish to join in the inaugural Red Cedar River Regatta can choose to paddle the entire water trail or one or more of the signature segments.

The entire river will have paddlers on it!

Note that trip times are estimates and subject to river conditions and paddler skills.

Upper Reach Explorer:

Skill Level: Beginner

Launch from **McCormick Park** and paddle upstream and back. This route is ideal for beginning paddlers with its generally calm waters and currents. No need to spot a vehicle, just paddle back to where you started.

Distance to the Dietz Road Bridge: 5.2 miles, 10.4 miles round trip, 3 hours.

Two Rivers:

Skill Level: Beginner

Experience both the Red Cedar and Grand rivers by starting at **Kruger’s Landing** and paddling into downtown Lansing. At the confluence, the waterway widens with takeouts either at **Sweeney’s Landing** or at **Rotary Park** in the heart of downtown.

Distance from Kruger’s Landing to Sweeney’s Landing: 2.9 miles, 1.25 hours.

Distance from Sweeney’s Landing to Rotary Park: .8 miles, .75 hours.

Town & Country:

Skill Level: Intermediate to Advanced

If you wish to tackle the Williamston Rapids, begin this segment from **McCormick Park** in Williamston. Otherwise, **Red Cedar Bend Landing** provides entry downstream from the rapids. Travel through forests, farmland, and a boulder field left behind by glacial activity. Finish this route at **Red Cedar Roadside Park** or continue farther on to **Harris Nature Center**.

Distance from McCormick Park Launch to Red Cedar Bend Landing: 0.7 miles, 0.5 hours.

Distance from Red Cedar Bend Landing to Red Cedar Roadside Park: 8.3 miles, 2.5 hours.

Distance from Red Cedar Roadside Park to Harris Nature Center: 2.4 miles, 1.25 hours.

Waterway of Chief Okemos:

Skill Level: Intermediate to Advanced

The community of Okemos is named after the famed Ojibwe chief whose tribe paddled, hunted, and fished these waters. Begin this segment at the **Harris Nature Center** and paddle through Meridian Township’s scenic riverfront parks. Finish at **Ferguson Park** or **Wonch Park**. These companion parks are situated on opposite sides of Okemos Road.

Distance from Harris Nature Center to Ferguson Park: 6.4 miles, 2.75 hours.

Spartan Voyage:

Skill Level: Intermediate to Advanced

From **Ferguson Park** or **Wonch Park**, the next downstream landing is at **Michigan State University**. This segment meanders through the suburban community of Okemos to East Lansing before entering the beautiful MSU campus. **Note that there is a marked portage around an on-campus weir.** The Michigan State University Canoe & Kayak Launch is located at the Jenison Field House Parking Lot.

Distance from Ferguson Park to MSU Canoe and Kayak Launch: 6.3 miles, 2.5 hours.

Campus to Kruger:

Skill Level: Intermediate to Advanced

Start this trip “On the banks of the Red Cedar,” referenced in the Spartan Fight Song and travel from **Michigan State University** to **Kruger’s Landing**. This segment follows the land-based Lansing River Trail before finishing at Kruger’s Landing, the namesake of Verlen Kruger. It was near Kruger’s Landing where Verlen Kruger finished the 28,000 mile long Ultimate Canoe Challenge.

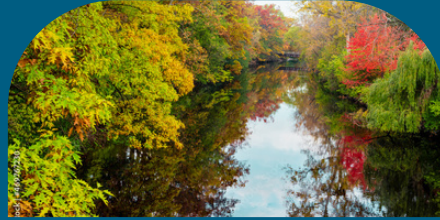
Distance from MSU’s Canoe & Kayak Launch to Kruger’s Landing: 3.2 miles, 1.25 hours.



SPORT'S & RECREATION



Serve a community with 30 parks and over 900 acres of green space within a short walk of most residents. We invite you to experience these spaces through a wide variety of events, programs and activities designed for all ages. Whether you're looking to get active, relax outdoors, or make memories with family and friends Meridian Township will always have something for you!



RED CEDAR RIVER

The Red Cedar River is one of our most valuable water resources. Meridian Township is committed to promoting the Red Cedar's recreational uses while maintaining its ecological integrity.

FARMERS' MARKET



As of 2026, the Meridian Township Farmers' Market hosts over 200 local vendors and serves more than 100,000 visitors annually. In 2025, the Meridian Township Farmers' Market provided \$36,000 in food assistance. The Farmers' Market operates year-round, offering locally grown, raised, and handmade products to the community.



Parks & Recreation

LAND STEWARDSHIP



The Stewardship Team is dedicated to managing nearly 1,000 acres of preserved land across the township. Stewardship means taking care of the land and natural environment. This consists of native plantings, invasive species removal, controlled burns, and environmental education through volunteer programs like the Meridian Conservation Corp (MCC).



PARK MAINTENANCE

Our dedicated maintenance team of six, carries the responsibility of maintaining and ensuring the safety and cleanliness of our parks, land preserves and pathways. This division of the Parks and Recreation Department manages the maintenance of 30 parks, 25 land preserves and over 25 miles of nature trails.

HARRIS NATURE CENTER



Surrounded by 200 acres of forest and meadows, the Harris Nature Center is set on the banks of the Red Cedar River and is home to several species of non-releasable native wildlife. Visitors can discover the seasonal changes along the trails learn through programs offered for people of all ages including:

- Summer Day Camp
- School programs
- Guided Walks
- Adult classes and events
- Native Plant Sales
- And more!

ANNUAL EVENTS

PRIDE

MAY

Meridian Pride is a community celebration honoring and supporting LGBTQ+ residents, allies and organizations. Held at Marketplace on The Green, the event features live music, DJ's, food trucks, a beer garden (21+), art vendors, advocacy resources and family-friendly activities, creating a welcoming space to celebrate diversity, inclusion and community.

SUMMER CONCERT SERIES

JUN

Spend your summer evenings enjoying free Summer Concert Series every Wednesday from June through September at The Marketplace on The Green. This popular weekly tradition features live performances by local bands in a welcoming outdoor setting. Bring a chair or blanket, relax with friends and family, and enjoy great music in the heart of the community.

CELEBRATE MERIDIAN FESTIVAL

JUN

Celebrate Meridian is our signature summer festival, bringing residents together for music, food, and fun. The festival includes food trucks, music, children's area, cultural performances & displays, Business & community vendors, and for our finale a very exciting drone show, making it a can't-miss summer tradition.

SANTA WOODLAND STROLL

DEC

Step into the Holiday season with Santa's Woodland Stroll, a magical winter event for all ages. Families are invited to enjoy a festive stroll through Nancy Moore park, take in the seasonal atmosphere, and meet Santa along the way. This beloved community event is a warm and memorable way to celebrate the holidays together.

AND MORE!

Parks and Recreation offers a wide variety of events, programs, and community celebration throughout the year for all ages. From seasonal events to cultural performance, nature outings, and more! Scan the QR code to see the full calendar of upcoming events so that you can find the perfect activity and entertainment for you, your family and friends.

