

**NAVIGABLE WATERS OF THE UNITED STATES
WITHIN THE REGULATORY JURISDICTION OF THE
U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT**

Updated: 19 Sep 2018

In administration of the laws enacted by congress for the protection and preservation of the navigable waters of the United States, the Detroit District, under the authority of the Rivers and Harbors Act of 1899, currently exercises jurisdiction over the waterways listed below. Where applicable, we have listed the known or approximate upstream extent of our jurisdiction under the Rivers and Harbors Act.

With respect to an upper limit to navigability, a river will, at some point along its length, change from navigable to non-navigable. Very often that point will be at a major fall or rapids, or other place where there is a marked decrease in the navigable capacity of the river. The upper limit is therefore often the same point traditionally recognized as the head of navigation. Navigable waters of the United States that are lakes typically do not possess a head of navigation and are usually considered to be “navigable throughout.” Examples of such “navigable throughout” waters in the Detroit District include the Great Lakes and their connecting channels.

On navigable waters of the United States that are non-tidal lakes and rivers, Federal regulatory jurisdiction extends laterally to the entire water surface and bed of a waterbody, which includes all the land and waters below or waterward of the ordinary high water mark (OHWM). Jurisdiction extends to the edge of all such waterbodies, even though portions of the waterbody may be extremely shallow, or obstructed by shoals, vegetation or other barriers. Marshlands and similar areas are thus considered navigable in law, but only so far as the area is subject to inundation by the ordinary high waters. In tributaries entering navigable lakes or the navigable reaches of rivers, the Corps of Engineers' jurisdiction extends into these tributaries to a point where such inundation by the ordinary high waters does or could otherwise occur. These tributary reaches are readily susceptible to improvements to enable navigation on the waterbody. Additionally, the Corps' jurisdiction may extend to the landward side of the OHWM of navigable waterbodies if activities in those areas could affect the course, location, or condition of the waterbody so as to impact its navigable capacity.

This list represents our effort to provide the public with a complete list of waterbodies for which we have made navigability determinations (shown in bold type) as well as sections of tributaries we have encountered that are waterward of the OHWM of a navigable water of the United States. The absence of a waterbody from this list should not be taken as an indication that a particular waterbody is not navigable or in Corps' jurisdiction (e.g., most canals open to navigable waters in the Detroit District are considered to be to be navigable waters but are not specifically noted in this list). For tributaries to navigable waters, even though this listing may use a recognizable landmark as a limit (e.g., road, bridge, dam, etc.), jurisdiction extends to the OHWM of the listed navigable waterbody, and we must conduct an on-site verification to make a definitive determination of the extent of our jurisdiction. We revise this document as

new information warrants.

Michigan waters precede Indiana waters in this listing. Michigan waters are arranged in the following order: (1) Lake Michigan and tributaries; (2) Lake Superior and tributaries; (3) St. Marys River and tributaries; (4) Lake Huron and tributaries (with the Inland Route as a subsection); (5) St. Clair River and tributaries; (6) Lake St. Clair and tributaries; (7) Detroit River and tributaries; (8) Lake Erie and tributaries. The listing of Michigan waters starts in southwest Michigan with the Galien River, runs up Lake Michigan, and proceeds around the state in a clockwise manner.

Waterbody	Tributary To	County	Approximate Regulatory Cut-Off	Twp Rge Sec	Latitude	Longitude
<u>MICHIGAN</u>						
Lake Michigan			Navigable throughout		43.435696	-87.128861
Galien River		Berrien	Whittaker St. Bridge	T8S, R21W, Sec 9	41.79792778	-86.74680556
Grand Mere Lakes	Lake Michigan	Berrien	All Three Lakes			
St. Joseph River		Berrien	Dam at Berrien Springs; 24.7 miles above mouth	T6S, R17W, Sec 18	41.94411389	-86.32846389
Hickory Creek	St. Joseph River	Berrien	Cleveland Avenue	TS5, R19W, Sec 3/2	42.06338333	-86.494725
Paw Paw River		Berrien	Paw Paw Avenue	T4S, R18W, Sec 18	42.12514444	-86.44827778
(The Benton Harbor Canal, which parallels Main Street, and empties into the Paw Paw River, was declared by Congress in 1963 to be a Non -navigable water of the United States east of Riverview Drive.)						
Ox Creek	Paw Paw River	Berrien	North Shore Drive	T4S, R18W, Sec 18	42.12109444	-86.45461111
Black River		Van Buren	Former Michigan Central RR bridge at South Haven Approx 2.5 miles above mouth 300 feet from junction of Main Br & in South Branch (Kal-Haven trail bridge)	T1S, R17W, Sec 2	42.41749	-86.25011
Black River (Middle Br.)	Lake Michigan	Allegan	Baseline Road	T1N, R16W, Sec 31	42.42091	-86.24363
Kalamazoo Lake		Allegan	Navigable throughout		42.650968	-86.20442
Kalamazoo River		Allegan	Allegan Dam about 31.5 miles above confluence with Lake Michigan	T2N, R14W, Sec15	42.56381111	-85.9537
Rabbit River	Kalamazoo River	Allegan	Hwy 40	T3N, R14W, Sec 6	42.67518056	-86.00349444
Rossman Creek	Kalamazoo River	Allegan	Upstream of Hooker Road	T2N, R13W, Sec 34	42.51958	-85.83738
Lake Macatawa		Allegan	Navigable throughout		42.782007	-86147006
Black/Macatawa River		Ottawa	North River Avenue	T5N, R15W, Sec 20	42.80024444	-86.11171667
Pigeon Lake/ Pigeon River	Lake Michigan	Ottawa	Downstream of 2d Downstream powerline crossing	T6N, R16W, Sec 14	42.91018	-86.17323
Grand River (and all contiguous bayous)		Kent	Fulton Street Bridge, Downtown Grand Rapids	T7N, R12W, Sec 25	42.96315	-85.67621667

Waterbody	Tributary To	County	Approximate Regulatory Cut-Off	Twp Rge Sec	Latitude	Longitude
Crockery Creek	Grand River	Ottawa	I-96	T8N, R15W, Sec 23	43.07356389	-86.05231389
Spring Lake (and all contiguous bayous)		Ottawa	Fruitport Rd/Bridge St (see Norris Ck)	T9N, R16W, Sec 36	43.122061	-86.152476
Norris Creek	Spring Lake	Muskegon	Upstream of Fruitport Road/Bridge Street	T9W, R16W, Sec 36	43.122061	-86.152476
Mona Lake		Muskegon	Navigable throughout		43.179968	-86.254993
Muskegon Lake		Muskegon	Navigable throughout		43.232103	-86.290685
Muskegon River		Muskegon & Newaygo	M-37 Highway Bridge; 39 1/4 miles above mouth	T12N, R12W, Sec 19	43.42277222	-85.79832222
Bear Lake	Muskegon Lake	Muskegon	Russell Road crossing; includes all Bear Lake	T10N, R16W, Sec 7	43.27463611	-86.2433
Duck Lake	Lake Michigan	Muskegon	Nestrom Road	T11N, R17W, Sec 17/18	43.34358056	-86.37667222
White Lake		Muskegon	Navigable throughout		43.380588	-86.380581
White River		Muskegon	U.S. 31, 6.8 miles from confluence with Lake Michigan (not Buisness Rte. 31)		43.42491111	-86.32728333
Flower Creek	Lake Michigan	Oceana	~1.3 mi above mouth	T13N, R18W, Sec 34	43.47540556	-86.45608333
Stony Lake	Lake Michigan	Oceana	~ 500' downstream of T14N, R18W, Sec 27 line	T14N, R18W, Sec 34	43.572961	-86.454008
Silver Creek	Lake Michigan	Oceana	Dam 0.7 miles above mouth	T15N, R19W, Sec. 36	43.657013	-86.528758
Richmonds Inlet	Lake Michigan	Oceana	Entire Inlet	T15N, R18W, Sections 7 and 18	43.7021	-86.50504
Pentwater Lake		Oceana	Navigable throughout; W Longbridge Road	T16N, R18W, Sec 24	43.763609	-86.408641
Bass Lake	Lake Michigan	Mason	Entire lake	T17N, R18W, Sec 25, 26, 35, 36	43.832013	-86.41363
Pere Marquette Lake		Mason	Navigable throughout	T18N, R18W	43.930143	-86.417415
Pere Marquette River		Mason	South Pere Marquette Highway	T18N, R18W, Sec 25/26	43.930143	-86.417415
Lincoln Lake	Lake Michigan		Lincon River junction	T18N, R18W, Sec 3	43.98011389	-86.44115
Lincoln River		Mason	at N-S Road	T18N, R18W, Sec 2/1	43.98207778	-86.41889167

Waterbody	Tributary To	County	Approximate Regulatory Cut-Off	Twp Rge Sec	Latitude	Longitude
Big Sable River (aka Hamlin Lake)	Lake Michigan	Mason	Hamlin Lake Dam; 1.1 miles above mouth	T19N, R18W	44.032604	-86.492218
Manistee Lake		Manistee	Navigable throughout		44.246887	-86.246887
Manistee River		Manistee	6.6 miles above mouth (LRE-2011-00734-45)	T21N, R16W, Sec 3	44.260051	-86.240138
Little Manistee River	Manistee Lake	Manistee	Old Stronach Road	T21N, R16W, Sec 21	44.210276	-86.245141
Bar Lake/Swamp	Lake Michigan	Manistee	Entire lake	T22N, R17W/R16W, Sec 8, 18, 17, 24, 19	44.297454	-86.294312
Portage Lake		Manistee	Navigable throughout		44.362275	-86.226931
Arcadia Lake (aka North Bar Lake)		Manistee	Saint Pierre Road	T24N, R16W, Sec 24	44.48666389	-86.21456667
Lower Herring Lake	Lake Michigan	Benzie	Entire lake	T25N, R16W, Sec 14/23	44.564719	-86.213084
Betsie Lake and Betsie River		Benzie	M-22	T26N, R16W, Sec 27	44.62036111	-86.22169722
Platte River	Lake Michigan	Benzie	Downstream interface of Loon Lake and Platte River	T27N, R15W, Sec 28	44.71411944	-86.13475278
South Bar Lake	Lake Michigan	Leelanau	Entire lake	T28N, R15W, Sec 13 & 24	44.819302	-86.062857
North Bar Lake	Lake Michigan	Leelanau	Entire lake	T28N, R15W, Sec 12 & 13	44.839897	-86.063209
Carp River/ Leelanau River		Leelanau	Dam at Leland	T30N, R12W, Sec 9	45.02294444	-85.761275
Boardman River	Lake Michigan	Grand Traverse	1.1 mi above mouth	T27N, R11W, Sec 3	44.761793	-85.622746
Mitchell Creek & East Branch Mitchel Creek	Lake Michigan	Grand Traverse	Michigan Northern Railroad; 0.7 miles above mouth	T27N, R10W, Sec 7 & 8	44.74450833	-85.55136389
Petobego Pond	Lake Michigan	Antrim & Grand Traverse	Entire pond		44.856403	-85.443329

Waterbody	Tributary To	County	Approximate Regulatory Cut-Off	Twp Rge Sec	Latitude	Longitude
Stream immediately south of Elk Rapids Harbor	Lake Michigan	Antrim	at rapids just upstream of footbridge	T29N, R9W, Sec 20	44.89801389	-85.41590278
Elk River	Lake Michigan	Antrim	dam downstream of Dexter St. bridge	T29N, R9W, Sec 21	44.90103333	-85.41273056
Lake Charlevoix		Charlevoix	Navigable throughout		45.267496	-85.122643
Pine River		Charlevoix	Navigable throughout		45.315805	-85.247841
Jordan River (south arm)	Lake Charlevoix	Charlevoix	Approximately 0.15 miles downstream of Rogers Rd	T32N, R7W, Sec 26	45.13442	-85.12548
Boyne River	Lake Charlevoix	Charlevoix	Park Street bridge	T33N, R6W, Sec 35	45.21418611	-85.01327222
Stover Creek	Lake Charlevoix	Charlevoix	Upstream from the mouth approx. 360 feet to Stover Creek Dam	T34N, R8W, Sec 35	45.300911	-85.248205
Carp Lake River	Lake Michigan	Emmet	Wilderness Park Drive (C81)	T39N, R4W, Sec 29	45.74559167	-84.82990833
Pte. Aux Chenes River	Lake Michigan	Mackinac	Logging Road at 600 ft USGS counter north of section 13/24 line	T41N, R5W, Sec 13	45.95241389	-84.87364444
Brevort River	Lake Michigan	Mackinac	0.3 mile above US-2	T41N, R5W, Sec 9	45.956982	-84.932895
Paquin Creek	Lake Michigan	Mackinac	Approximately 500 ft above mouth; south of US-2	T42N, R7W, Sec 6	46.05946	-85.219878
Black River	Lake Michigan	Mackinac	Junction w/ East branch of Black River; 0.25 miles above mouth	T43N, R8W, Sec 29	46.09635556	-85.34064167
Lower Millecoquins River	Lake Michigan	Mackinac	US-2; 0.3 miles above mouth	T43N, R9W, Sec 30	46.09550556	-85.47392778
Manistique River		Schoolcraft	Upper end of lumber slips at Manistique; 0.75 miles above mouth	T41N, R16W, Sec 12	45.95866389	-86.25476667
Milakokia River (Seul Choix Bay)	Lake Michigan	Schoolcraft	E-W Road; located 0.4 mile above mouth	T41N, R13W, Sec 2	45.97231389	-85.89542222
Little Fishdam	Lake Michigan	Delta	0.2 mile above US-2 bridge	T41N, R18W, Sec 33	45.902768	-86.564419
Fishdam River	Lake Michigan	Delta	0.35 mile above mouth	T41N, R18W, Sec 32	45.902701	-86.577411
Ogontz River	Lake Michigan	Delta	Junction of Johnston Creek; 1.3 miles above mouth	T40N, R20W, Sec 9	45.8792	-86.78315
Rapid River	Lake Michigan	Delta	US-2; 0.75 miles above mouth	T41N, R21W, Sec 20	45.92650556	-86.96356944

Waterbody	Tributary To	County	Approximate Regulatory Cut-Off	Twp Rge Sec	Latitude	Longitude
Sturgeon River	Lake Michigan	Delta	approx at Bull Run Creek; about 3.25 miles above mouth (see 2006-560110 for elevation downstream of this point)	T40N, R19W, Sec 17	45.85784722	-86.6691
Tacoosh River	Lake Michigan	Delta	US-2; 0.82 miles above mouth	T41N, R21W, Sec 20	45.92655	-86.97148056
Days River	Lake Michigan	Delta	US-2; 0.62 miles above mouth	T40N, R22W, Sec 2	45.895625	-86.99793611
Whitefish River	Lake Michigan	Delta	near confluence w/ Chippeny Creek	T41N, R21W, Sec 10	45.96668889	-86.920475
Escanaba River	Lake Michigan	Delta	Mead Paper Co. dam; 1.8 miles above mouth	T39N, R22W, Sec 7	45.79568056	-87.07945833
Ford River (Green Bay)	Lake Michigan	Delta	1.1 miles above M-35 bridge	T38N, R24W, Sec 15	45.691604	-87.137684
Bark River	Lake Michigan	Delta	0.1 miles above M-35 bridge	T37N, R24W, Sec 22, SE 1/4	45.57999167	-87.24533333
Cedar River (Green Bay)	Lake Michigan	Menominee	M-35	T35N, R25W, Sec 24	45.41385	-87.35033333
Menominee River		Menominee	to but not including U.S. 41 bridge	T31N, R27, Sec 3	45.10310833	-87.62630556
Lake Superior			Navigable throughout		47.680405	-86.963245
Montreal River	Lake Superior		Foot of Superior Falls ~0.3 miles above the mouth	T48N, R49W, Sec 15	46.56276111	-90.41540556
Black River Harbor		Gogebic	Harbor of Refuge; Sec 3/10 line	T49N, R46	46.66516667	-90.04505556
Iron River	Lake Superior	Ontonagon	M-64 bridge; 0.1 miles above mouth	T51N, R42W, Sec 12	46.83022222	-89.57028056
Ontonagon River		Ontonagon	Milwaukee RR bridge; 0.76 miles above mouth	T52N, R40W, Sec 25	46.86746667	-89.31745
Flintsteel River	Lake Superior	Ontonagon	Old RR Grade; 0.2 miles above mouth	T52N, R39W, Sec 12	46.92407778	-89.20518333
Firesteel River	Lake Superior	Ontonagon	0.4 miles above mouth	T52N, R39W, Sec 1	46.93083889	-89.19045278
West Sleeping River	Lake Superior	Ontonagon	0.6 miles above mouth	T53N, R38W, Sec 14	46.98349167	-89.09068333
East Sleeping River	Lake Superior	Ontonagon	T53N, R38W, Sec 13/14 line	T53N, R38W, Sec 13/14 line	46.98310556	-89.08035833
Little Misery River	Lake Superior	Ontonagon	T53N, R37W, Sec 16/21 line	T53N, R37W, Sec 16/21 line	46.98213611	-88.9996
Misery River	Lake Superior	Ontonagon	Lamprey wier/lowhead barrier dam	T53N, R37W, Sec 15	46.98227222	-88.98352222

Waterbody	Tributary To	County	Approximate Regulatory Cut-Off	Twp Rge Sec	Latitude	Longitude
Elm River	Lake Superior	Houghton	0.25 miles above mouth	T54N, R36W, Sec 30	47.047328	-88.917262
Keweenaw Waterway		Houghton	Navigable throughout, including Portage Lake, Torch Lake and Torch Canal		47.117154	-88.530412
Schlotz Creek	Keweenaw Waterway	Houghton	Houghton Canal Road	T55N, R34W, Sec 8/17 line	47.17069444	-88.65681389
Pike River	Keweenaw Waterway	Houghton	Old US-41 Bridge; 1.5 miles above mouth	T53N, R33W, Sec 5	47.01871944	-88.52645
Pilgrim River	Keweenaw Waterway	Houghton	US-41; 0.23 miles above mouth	T54N, R33W, Sec 5	47.10311111	-88.51658333
Snake River	Keweenaw Waterway	Houghton	At least to US-41	T53N, R33W Sec 10	46.998087	-88.480274
Sturgeon River		Houghton & Baraga	Prickett Dam; 50 miles above mouth	T50N, R35W, Sec 15	46.72469444	-88.66883333
Arnheim Ditch	Sturgeon River & Keweenaw Waterway	Houghton & Baraga	1.2 miles from the intersection with the Keweenaw Waterway	T53N, R33W, Sec 16	46.991604	-88.49924
Traverse River		Houghton	Big Traverse Road bridge; 0.85 miles mouth (Harbor of Refuge)	T55N, R31W, Sec 4	47.19571111	-88.23952778
Little Rice Lake Outlet	Lake Superior	Houghton	Little Traverse Rd; 0.7 miles above mouth	T55N, R31W, Sec 20	47.15078889	-88.26952778
Mud Lake Creek	Lake Superior	Houghton	Mud Lake Road	T55N, R32W, Sec 30	47.134939	-88.287787
Lake Lily (Copper Harbor)	Lake Superior	Keweenaw	Entire lake	T59N, R28W, Sec 34	47.468308	-87.840938
Lac La Belle		Keweenaw	Entire lake, including canal to Lake Superior	T57N & T58N, R29W	47.375267	-88.012643
Menge Creek	Lake Superior	Baraga	Menge Creek Road	T50N, R34W, Sec 12	46.74571667	-88.49767778
Huron River	Lake Superior	Marquette	Marquette County line; 0.6 miles above mouth	T52N, R29W, Sec 13/18 line	46.90836389	-88.0446
Pine River	Lake Superior	Marquette	Section 21/22 - at big bend in river	T52N, R28W	46.88426667	-87.85448889

Waterbody	Tributary To	County	Approximate Regulatory Cut-Off	Twp Rge Sec	Latitude	Longitude
Salmon Trout River	Lake Superior	Marquette	confluence w/Sullivan Creek	T52N, R27W, Sec 31	46.86011	-87.785
Iron River	Lake Superior	Marquette	0.3 miles above mouth	T51N, R26W, Sec 18	46.80894167	-87.65463889
Sauk Head Lake	Lake Superior	Marquette	Entire lake and outlet tributary	T50N, R26W	46.713016	-87.575233
Harlow Creek	Lake Superior	Marquette	0.71 miles above mouth (approx 100' downstream of center line of C.R.550 (see 2014-00027-252)	T49N, R25W, Sec 19	46.63246667	-87.47528889
Dead River	Lake Superior	Marquette	0.94 miles above mouth at Tourist Park Tower Station	T48N, R25W, Sec 10	46.57167222	-87.41038333
Chocolay River	Lake Superior	Marquette	Main Street Bridge 0.5 miles above mouth	T47N, R24W, Sec 6	46.49585	-87.35038611
Laughing Whitefish River	Lake Superior	Alger	0.1 miles above John H. Hammer Public Site	T48N, R22W, Sec 35	46.52000556	-87.02801944
Deer Lake Outlet	Lake Superior	Alger	M-28 bridge	T47N, R21W, Sec 17	46.47762778	-86.95339722
AuTrain River	Lake Superior	Alger	Cameron Crossing Bridge	T47N, R20W, Sec 5	46.413225	-86.84249444
Sucker River	Lake Superior	Alger	Jct w/Grand Marais Creek 2.48 miles above mouth	T49N, R13W, Sec 3	46.66683889	-85.91101111
Two Hearted River	Lake Superior	Luce	From mouth to south line of T50N, R9W, Sec 27	T50N, R9W, Sec 27	46.69455556	-85.42333611
Little Two Hearted River	Lake Superior	Luce	From mouth to south line of T50N, R9W, Sec 24	T50N, R9W, Sec 24	46.70885278	-85.37653333
Little Lake		Luce	Navigable Throughout (Harbor of Refuge)		46.71315	-85.361912
Weatherhogs Lake and Creek Complex	Lake Superior	Chippewa	Entire system	T50N, R6W, Sec 6 T50N, R7W, Sec 1-4	46.75602	-85.134657
Betsy River	Lake Superior	Chippewa	Whitefish Point Road bridge	T49N, R6W, Sec 3	46.67529722	-85.03349167
Tahquamenon River		Chippewa	Lower falls approx 16 miles above mouth	T49N, R7W, Sec 32	46.60403333	-85.20488333
Naomikong Creek	Lake Superior	Chippewa	North of Shoreline Road/Curley Lewis Memorial Hwy	T47N, R5W, Sec 18	46.47315	-84.97290556

Waterbody	Tributary To	County	Approximate Regulatory Cut-Off	Twp Rge Sec	Latitude	Longitude
Roxbury Creek	Lake Superior	Chippewa	North of Shoreline Road/Curley Lewis Memorial Hwy	T47N, R6W, Sec 11	46.47887222	-85.01335278
Ankodosh Creek	Lake Superior	Chippewa	North of Shoreline Road/Curley Lewis Memorial Hwy	T47N, R6W, Sec 12	46.47750833	-84.99905556
Waiska River		Chippewa	Duluth South Shore & Atlantic RR bridge; 0.75 miles above mouth	T46N, R2W, Sec 4	46.40750278	-84.56617222
St. Marys River		Chippewa	Navigable throughout including Lake Geroge, Munuscong Lake, & Lake Nicolet			
Mission Creek	St. Marys River	Chippewa	First unnamed tributary	T47N, R1E, Sec 9	46.47799167	-84.30446944
Frechette Creek	St. Marys River	Chippewa	Riverside Drive	T47N, R1E, Sec 22	46.45794722	-84.286025
Ermatinger Creek	St. Marys River	Chippewa	Riverside Drive	T47N, R1E, Sec 26	46.44628611	-84.27917222
Galloway Creek	St. Marys River	Chippewa	Approx 0.35 miles from mouth	T48N, R6W, Sec 28	46.52098333	-85.06361111
Hursley Creek	St. Marys River	Chippewa	Lower Hay Lake Rd	T46N, R1E, Sec 11/12 line	46.39545	-84.25920556
Sailors Creek	St. Marys River	Chippewa	Lower Hay Lake Rd	T46N, R1E, Sec 13/14 line	46.39025	-84.25929167
Charlotte River		Chippewa	South Scenic Dr Bridge; 0.3 miles above mouth	T45N, R1E, Sec 6	46.32038611	-84.22537222
Munuscong River (Munuscong Lake)	St. Marys River	Chippewa	Munuscong State Forest boat launch	T44N, R1E, Sec 15	46.21462778	-84.28070278
Little Munuscong River (Munuscong Bay)	St. Marys River	Chippewa	1.0 miles above mouth	T44N, R1E, Sec 11	46.222459	-84.268076
Gogomain River	St. Marys River	Chippewa	Gogomain Road; 0.97 miles above mouth	T43N, R2E, Sec 1	46.14975833	-84.12533333
Lake Huron			Navigable throughout		44.967524	-82.430214
Pigeon Cove Creek include (Drummond Island)	Lake Huron	Chippewa	From mouth to all contiguous waters.	T41N, R5E, Sec 4	45.971302	-83.810957

Waterbody	Tributary To	County	Approximate Regulatory Cut-Off	Twp Rge Sec	Latitude	Longitude
Potagannissing River (Drummond Island)	Lake Huron	Chippewa	300 ft above Maxton Road Bridge	T42N, R6E, Sec 15	46.03732778	-83.66521389
Seaman Lake (Drummond Island)	Lake Huron	Chippewa	Entire lake		45.963667	-83.828158
Gravel Lake	Lake Huron	Chippewa	Entire lake		45.945631	-83.78225
Albany Creek	Lake Huron	Chippewa	Mouth to USFWS dam	T41N, R3E, Sec 5	45.970946	-84.076458
Beavertail Creek	Lake Huron	Mackinac	M-134 bridge	T41N, R2E, Sec 5	45.98296667	-84.20539722
Prentiss Creek	Lake Huron	Chippewa	M-134 bridge	T42N, R2E, Sec31	45.98977222	-84.23533611
McKay Creek	Lake Huron	Mackinac	0.5 miles upstream of mouth	T42N, R1E, Sec 27	46.00321667	-84.29815833
Flowers Creek	Lake Huron	Mackinac	0.2 miles upstream of mouth	T42N, R1E, Sec 33	45.99632778	-84.31904444
Steele Creek	Lake Huron	Mackinac	N Czech Lane culvert upstream of M-143 bridge	T42N, R1W, Sec 19	46.01648611	-84.47561111
Pine River (St. Martin Bay)	Lake Huron	Mackinac	Unnamed tributary; 1.0 miles above mouth	T42N, R3W, Sec 2	46.06995556	-84.64777778
Carp River (St. Martin Bay)	Lake Huron	Mackinac	First Rapids; 0.8 miles above mouth	T42N, R3W, Sec 20	46.02570556	-84.706525
Little Black River	Lake huron	Cheboygan	US-23	T38N, R2W, Sec 25	45.65884167	-84.49197778
<u>INLAND ROUTE</u>						
Cheboygan River		Cheboygan	Navigable throughout		45.562901	-84.408785
Black River	Cheboygan River	Cheboygan	Alverno Dam	T37N, R1W, Sec 35	45.55179167	-84.39528333
Mullett Lake		Cheboygan	Navigable throughout		45.512689	-84.521906
Mullet. Negro Creek (Hardwood St Forest)	Mullett Lake	Cheboygan	Forest boundry at Sec 6, T36N, R2W	T36N, R2W, Sec 6	45.53817	-84.60578

Waterbody	Tributary To	County	Approximate Regulatory Cut-Off	Twp Rge Sec	Latitude	Longitude
Pigeon River (Pigeon River Bay)	Mullett Lake	Cheboygan	Southerly boundry of Sec 9, T35N, R2W; ~0.5 miles upstream of East Mullett Lake Rd	T35N, R2W, Sec 9	45.4326	-84.54978333
Scott Creek	Mullett Lake	Cheboygan	Approx 350 ft upstream from the mouth (LRE-2012-00655-30)	T35N, R2W, Sec 3	45.451211	-84.541972
Indian River		Cheboygan	Navigable throughout			
Little Sturgeon River	Indian River	Cheboygan	To junction of Crumley Creek	T35N, R2W, Sec 29/30	45.39646667	-84.58872222
Burt Lake		Cheboygan	Navigable throughout		45.471203	-84.661146
Carp Creek/ Little Carp River	Burt Lake	Cheboygan	Hogsback Road	T36N, R3W, Sec 4	45.54865556	-84.68255278
Sturgeon River	Burt Lake	Cheboygan	M-68	T35N, R3W, Sec 25	45.402325	-84.61810278
Maple River (Maple Bay)	Burt Lake	Cheboygan	Brutus Rd (Emmet Co.) T36N, R4W, N boundry of Sec 25	T36N, R4W, Sec 25	45.49323333	-84.74228889
Crooked River		Cheboygan	Navigable throughout		45.462351	-84.765333
Crooked Lake		Emmet	Navigable throughout		45.412046	-84.829966
Pickerel Lake & Pickerel Channel	Crooked Lake	Emmet	T35N, R4W, entire to the mouth of Cedar Creek	T35N, R4W, Sec 25	45.39395278	-84.74229722
Minnehaha Creek	Crooked Lake	Emmet	Pickerel Lake Road	T35N, R4W, Sec 32	45.37725833	-84.82879722
Round Lake & its outlet	Crooked Lake	Emmet	Entire lake and Mud & Spring Lakes		45.407457	-84.890541
<u>END OF INLAND ROUTE</u>						
Bell River	Lake Huron	Presque Isle	T33N, R8E, entire system west of False Presque Isle	T33N, R8E	45.272064	-83.410076
Grand Lake Outlet (Thompsons Harbor)	Lake Huron	Presque Isle	Dam located at outlet of Grand Lake; 1.8 miles above mouth of Lake Huron	T34N, R7E, Sec 23	45.33058611	-83.56004444

Waterbody	Tributary To	County	Approximate Regulatory Cut-Off	Twp Rge Sec	Latitude	Longitude
Swan Lake & conn. Unnamed trib to Lake Huron	Lake Huron	Presque Isle	All of Swan lake and tributary.	T35N, R6E, Sec 20, 29, 32, 33	45.38778	-83.72719
Trout River	Lake Huron	Presque Isle	200 ft upstream of Linden St bridge	T35N, R5E, Sec 16	45.42988333	-83.83038611
Black Mallard River	Lake Huron	Presque Isle	US-23 bridge	T36N, R2E, Sec 1	45.53665278	-84.12939167
Ocqueoc River (Bell Landing)	Lake Huron	Presque Isle	US-23; 0.6 mile above mouth	T36N, R3E, Sec 21	45.48798056	-84.07631944
Grass Creek	Lake Huron	Alpena	0.7 mile above mouth	T32N, R9E, Sec 34	45.12631944	-83.32949444
Thunder Bay River		Alpena	9th Street Dam	T31N, R8E, Sec 22	45.07203611	-83.43756667
Devils River	Lake Huron	Alpena	East West road 0.45 miles above mouth at Lake Huron	T29N, R8E, Sec 12	44.91981944	-83.42230556
Black River	Lake Huron	Alcona	South Shore Road	T28N, R9E, Sec 24	44.81511389	-83.30261111
Mill Creek	Lake Huron	Alcona	Wier Lakeward of Lake St in Harrisville	T26N, R10E, Sec 12		
AuSable River		Iosco	Foot Dam	T24N, R8E, Sec 34/35	44.43570556	-83.43996111
Van Etten Creek	AuSable River	Iosco	Dam near mouth of Van Etten Lake	T24N, R9E, Sec 27	44.44845833	-83.33987778
Old/Dead AuSable River	Lake Huron AuSable River	Iosco	In entirety		44.392193	-83.338695
Tawas Lake & Tawas River	Lake Huron	Iosco	All of Lake and River		44.312071	-83.48885
E Branch AuGres River	Lake Huron	Arenac	Noble Road	T20N, R7E, Sec 12/13	44.14362778	-83.57564167
AuGres River	Lake Huron	Arenac	US-23 bridge	T19N, R6E, Sec 13	44.04826389	-83.68696389
Rifle River (Wigman Bay)	Lake Huron	Arenac	Stover Road 0.8 mile Lake Huron	T19N, R5E, Sec 36	44.00432222	-83.82482778
Rifle River (old channel)	Lake Huron	Arenac	T18N & T19N boundry at R6E	T18N, R6E, Sec 5	43.99765833	-83.77796111
Pine River	Lake Huron	Arenac	Pine River Road	T18N, R5E, Sec 10	43.98303889	-83.86357222
Saganing River	Lake Huron	Arenac	First bridge (McClarity Rd/Worth Rd)	T18N, R5E, Sec 30	43.92815556	-83.91111111

Waterbody	Tributary To	County	Approximate Regulatory Cut-Off	Twp Rge Sec	Latitude	Longitude
Pinconning River	Lake Huron	Bay	North & South Road at 1/2 of S25 T17N, R4E, Sec 25	T17N, R4E, Sec 25	43.85121667	-83.93672778
Johnson Drain	Lake Huron	Bay	Approx 3700 ft to mouth	T16N, R4E, Sec 1	43.81737778	-83.93171667
Tebo Drain	Lake Huron	Bay	Approx 2300 ft to mouth	T16N, R4E, Sec 12	43.80316667	-83.93357222
Tobico Marsh/ Lagoon & outlets(s)	Lake Huron	Bay	Entire system		43.691819	-83.932859
Kawkawlin River		Bay	Michigan Central RR bridge 4 miles above mouth	T15N, R4E, Sec 36	43.65393889	-83.94408611
Tittabawassee River		Midland	Dow dam at Midland North of Brine Pond #6	T14N, R2E, Sec 21	43.59999722	-84.23926944
Bullock Creek	Tittabawassee R.	Midland	At the bridge on Progress Place approx 4,000 ft to mouth	T14N, R2E, Sec 28	43.58361944	-84.23615278
Squaconning Creek	Saginaw River	Bay	Four Mile Road	T13N, R4E, Sec 2 & 3	43.560225	-83.97416667
Dutch Creek	Saginaw River	Bay	NB I-75/23/10; 2.5 miles above mouth of the Saginaw River	T14N, R4E, Sec 36	43.57238333	-83.94875
Quanicassee River	Lake Huron	Bay & Tuscola	3.3 miles above mouth of Lake Huron	T13N, R6E, Sec 1 & 12	43.55120833	-83.71107778
Saginaw River		Saginaw	Navigable throughout			
Cheboyganing Creek	Saginaw River	Saginaw	Portsmouth Road	T12N, R5E, Sec 1 & 2	43.47570278	-83.83761389
Crow Island State Game Area	Saginaw River	Saginaw	Entire Game Area	T13N, R5E, Sec 28, 32, 33, T12N, Sec 4	43.510654	-83.895249
Lake Linton (Ojibway Island)	Saginaw River	Saginaw	Entire water body	T12N, R4E, Sec 25 & 26	43.415746	-83.954145
Columbia Drain	Saginaw River	Bay	Downstream of Salzburg Ave	T14N, R5E, Sec 31	43.581158	-83.918087
Cass River	Shiawassee River	Saginaw	Grand Trunk RR Bridge (Bridgeport quad)	T11N, R5E, Sec 18	43.35127222	-83.92426944
Shiawassee River		Saginaw	Junction with Bad River	T11N, R3E, Sec 26	43.32289722	-84.09175

Waterbody	Tributary To	County	Approximate Regulatory Cut-Off	Twp Rge Sec	Latitude	Longitude
Shiawassee River State Game Area	Shiawassee River	Saginaw	Hulien Road; T10N, R3E, Sec 10/3 and Sec 2/11 boundries	T10E, R3E	43.31407	-84.10279
Shiawassee National Wildlife Refuge	Shiawassee River	Saginaw	All of Refuge		43.35178	-84.0876
Ferguson Bayou Crystal Bayou	Shiawassee River	Saginaw	Entire length	T11N, R4E	43.35727	-83.99944
Flint River	Shiawassee River	Saginaw	At confluence with Mistequay Creek	T11N, R4E, Sec 32	43.3084	-84.01760556
Bad River	Shiawassee River	Saginaw	Upper city limits of St. Charles	T10N, R3E, Sec 6	43.30108333	-84.15269167
Marsh and Swan Creek	Shiawassee River	Saginaw	Conrail Teft Road/RR	T11N, R3E, Sec 17	43.35400833	-84.13310278
Mud Creek	Lake Huron	Huron	Approx 2000 ft from culvert at Filion Rd	T17N, R10E, Sec 22	43.88687778	-83.30431111
Willow Creek	Lake Huron	Huron	Lighthouse Rd; 0.4 miles above mouth	T18N, R14E, Sec 33	44.0294	-82.83611667
Bird Creek	Lake Huron	Huron	Pointe Barques Rd; 0.3 mile above mouth	T19N, R13E, Sec 29	44.04654444	-82.98918333
Elm Creek	Lake Huron	Huron	M-25	T15N, R16E, Sec 17	43.74048056	-82.61439722
Pigeon River		Huron	Upper village limits of Caseville	T18N, R10E, Sec 35	43.94573611	-83.26275833
White River	Lake Huron	Huron	M-25	T15N, R16E, Sec 20	43.72950833	-82.61215
Sebewaing River		Huron	0.5 mile above mouth Chesapeake & Ohio RR bridge	T15N, R9E, Sec 7	43.73416944	-83.45728333
Pinnebog River		Huron	Junction w/first upstream creek 0.5 mile	T18N, R12E, Sec 16	43.998919	-83.066116
White River	Lake Huron	Huron	at least to M-25	T15N, R16E, Sec 20	43.72950833	-82.61215
St. Clair River		St. Clair	Navigable throughout		42.801049	-82.479826
Pine River	St. Clair River	St. Clair	Detroit Port Huron RR bridge, 2.1 miles above mouth		42.81374722	-82.500125
Galbraith Drain	Lake Huron	St. Clair	M-25	T7N, R17E, Sec 4	43.07512222	-82.4696666
Birch Creek	Lake Huron	St. Clair	M-25; 0.2 mile above	T8N, R17E, Sec 5	43.16308889	-82.50393056
Milwaukee Creek	Lake Huron	St. Clair	M-25	T8N, R17E, Sec 20	43.11566111	-82.49438333

Waterbody	Tributary To	County	Approximate Regulatory Cut-Off	Twp Rge Sec	Latitude	Longitude
Black River Canal	Lake Huron	St. Clair	From lake Huron to Black River	T7N, R17E, Sec 27	43.01635833	-82.45091667
Black River		St. Clair	Beach Road approx 7 miles above mouth	T7N, R17E, Sec 32	43.00712222	-82.48915833
Stocks Creek	Black River	St. Clair	Water Street	T6N, R17E, Sec 4	42.99350278	-82.45510278
Bunce Creek	St. Clair River	St. Clair	M-29	T6N, R17E, Sec 29	42.92664	-82.4615
Belle River		St. Clair	Springborn Road; top line of section 36	T4N, R16E, Sec 36	42.737775	-82.49638056
Lester-Bammel Drain	St. Clair River	St. Clair	at least to M-29 (see 2013-00866-12)		42.69384	-82.51153
Harsens Island	St. Clair River	St. Clair	all waters, drains, ditches, canals, St. Clair Flats; State Wildlife Area		42.587509	-82.586932
Dickinson Island	St. Clair River	St. Clair	all waters, drains, ditches, canals, St. Clair Flats; State Wildlife Area		42.608719	-82.623468
Swan Creek (Fair Haven)	Lake St. Clair	St. Clair	1.8 miles above mouth of Lake St. Clair (577.3' NGVD 1929); Short Cut Rd.	T3N, R15E, Sec 15	42.69418	-82.64846
Marsac Creek	Lake St. Clair	St. Clair	Hwy 29; 0.3 mile above mouth at Lake St. Clair	T3N, R15E, Sec 15	42.68759722	-82.71193889
Beaubien Creek (Perch Point)	Lake St. Clair	St. Clair	0.8 mile (577.3' NGVD 1929) T3N, R15E & R16E boundry, Sec 25	T3N, R15E, Sec 25	42.66393889	-82.60756111
Marine City Drain & residential canals	St. Clair River	St. Clair	1.1 miles above mouth of St. Clair River	T2N & T3N, R16E, Sec 2 & P.C. No. 200	42.644667	-82.525503
Lake St. Clair			Navigable throughout		42.47467	-82.73192
Crapaud Creek/ Frog Creek	Lake St. Clair	Macomb	New Baltimore at 1st road crossing located 0.15 miles above mouth of Lake St. Clair	T3N, R14E	42.67578333	-82.74283611
Fish Creek	Lake St. Clair	Macomb	2.5 miles above mouth (Salt River) at 23 Mile Road/M-29	T3N, R14E, Sec 22	42.67521667	-82.78599167
Salt River	Lake St. Clair	Macomb	23 Mile Rd/M-29 Bridge; includes entire adjacent canal system at Anchor Bay Harbor (577.3' NGVD 1929)	T3N, R14E, Sec 23 & 27	42.67553333	-82.77096389
Auvase Creek	Lake St. Clair	Macomb	Sugar Bush Road	T3N, R14E, Sec 29	42.64865556	-82.81893333

Waterbody	Tributary To	County	Approximate Regulatory Cut-Off	Twp Rge Sec	Latitude	Longitude
Black Creek/ Canal System	Lake St. Clair & Clinton River	Macomb	P.C. Nos. 168, 319, 238, 151 to include entire canal system	T2N, R14E		
Clinton River		Macomb	Gratiot Avenue Hwy Bridge, Mt. Clemens		42.58408056	-82.88253611
Unnamed Creek	Lake St. Clair	Macomb	At least to Metro Parkway	T2N, R14E, P.C. #133, 207, 130, 616	42.576797	-82.83018
Clinton River Cutoff	Lake St. Clair	Macomb	Navigable throughout			
Milk River (Lakefront Park)	Lake St. Clair	Macomb	at dam located 0.4 mile above mouth at lake St. Clair	T1N, R13E, P.C. No. 544	42.45510833	-82.876475
Fox Creek Canal System (Windmill Point)	Lake St. Clair/ Detroit River	Wayne	Jefferson Avenue, (includes entire canal system south of Jefferson Ave, which also includes the canals south of Scripps Ave)	T1S, R13E	42.374305	-82.940501
Detroit River		Wayne	Navigable throughout			
Conner Creek	Detroit River	Wayne	Freud Avenue	T2S, R12E	42.36405	-82.95814444
Belle Isle inland Waters, including -Lake Tacoma -Lake Muskoday -Lake Okonoka -Blue Heron Lagoon & connecting tributaries	Detroit River	Wayne	Navigable throughout		42.340275	-82.978141
Marsh Creek	Detroit River	Wayne	Upstream of Fort St which is 573.1' IGLD 85 (see LRE-2002-70000 & 2015-00116-7)	T4S, R10E, Sec 35	42.111286	-83.222387
Brownstone Creek (joins Marsh Creek)	Detroit River	Wayne	at least to Conrail RR, (~574.3 NGVD 1929) (LRE-2002-70000)	T4S, R10E, Sec 35	42.10087222	-83.22078889

Waterbody	Tributary To	County	Approximate Regulatory Cut-Off	Twp Rge Sec	Latitude	Longitude
River Rouge		Wayne	Michigan Central RR/Penn Central RR bridge near Melvindale near Schaefer Rd, upriver from Turning Basin		42.29048333	-83.16653889
Thorofare Canal (Grosse Ile)	Detroit River	Wayne	Grosse Ile, entire canal system	T4E, R11E		
Frenchman Creek (Grosse Ile)	Detroit River	Wayne	north of Groh Rd (Loma Lane)	T4 & 5S, P.C. Nos. 554 & 557	42.11178611	-83.16942222
Frank & Poet Drain (Gilbraltar)	Detroit River	Wayne	upstream of VanHorn Rd (Fort St is 571.7' IGLD 1985) (see LRE-2002-70000 & 2015-00116-7)	T4S, R10E, Sec 24	42.136561	-83.204954
Ecorse River		Wayne	RR & gas line; 0.3 miles above mouth	T3SE, R11E	42.23474167	-83.150975
Huron River		Wayne	US-24 bridge at Flat Rock		42.09418611	-83.29517222
Silver Creek	Huron River	Wayne	Huron River Road		42.06685278	-83.23404722
Smith Creek	Huron River	Wayne	Huron River Road		42.06706944	-83.22879722
Morrison Drain	Huron River	Wayne	Probably Woodruff Road; at 575' NGVD 1929 cutoff on bank (LRE-2002-70000)	T5S, R10E, Sec 11	42.08135833	-83.214725
Lake Erie			Navigable throughout			
Laudenschlager Drain	Lake Erie	Monroe	Wassanova Road	T5S, R10E, Sec 22/23	42.03999444	-83.22526111
Pt. Mouilee State Game Area	Lake Erie	Monroe	entire area			
Swan Creek	Lake Erie	Monroe	immediately downstream N Dixie Hwy Bridge (574.2' NGVD 1929)		41.99498611	-83.28587222
Little Swan Creek	Lake Erie	Monroe	Upstream of Dixie Highway at OHWM (Swan Creek); at least to Mallard Ave. (see 2003-10040)		41.9902	-83.29883
Walker Drain	Lake Erie	Monroe	up to Dixie Hwy and all canals (see 2013-00494-258 for MDOT survey)		41.95357222	-83.30184444
Stony Creek	Lake Erie	Monroe	1.3 miles above mouth (574.2' NGVD 1929) and all canals (see 2013-494-258 for MDOT survey)		41.94868056	-83.30950278
Cottonwood Creek	Lake Erie		? But not too far Land ward of Dixie Hwy		41.93291111	-83.33978333

Waterbody	Tributary To	County	Approximate Regulatory Cut-Off	Twp Rge Sec	Latitude	Longitude
Swope and Hurd Drain	Lake Erie		probably just lakeward of Mentel Road		41.9369	-83.34394
Sandy Creek	Lake Erie	Monroe	3300' above mouth (574.2' NGVD)		41.933775	-83.34327778
Sterling State Park; all canals	Lake Erie	Monroe	entire canal system	T6S & T7S, R9E		
Raisin River		Monroe	Detroit & Toledo Shoreline RR bridge (may now be Grand Trunk Western) in Monroe 2.8 miles above mouth		41.91238056	-83.38018889
<i>Old Channel River Raisin</i> (appears as wide canal/channel between River Raisin and Plum Creek) declared by Congress in 1965 to NOT be a navigable water; see navigation study						
Mason Run	Raisin River	Monroe	2.8 miles from mouth at River Raisin	T7S, R9E	41.91365	-83.45632222
Plum Creek	Lake Erie	Monroe	2.6 miles (574.2' NGVD 1929)		41.9015	-83.3902
Woodchuck Creek	Lake Erie	Monroe	LaPlaisance Road	T7S, R8E, P.C. No. 161	41.85796944	-83.39636111
LaPlaisance Creek		Monroe	LaPlaisance Road Bridge		41.87456111	-83.39410556
Pike Swale	LaPlaisance Creek	Monroe	0.35 miles from confluence of LaPlaisance Creek	T7S, R9E, P.C. No. 419	41.87020833	-83.39392222
Otter Creek	Lake Erie	Monroe	4.0 miles (at US-125) (574.2' NGVD 1929)	T7S, R8E, Sec 23	41.86684444	-83.45328056
Halfway Creek (North Maumee Bay)	Lake Erie	Monroe	~3.3 miles (measured from Erie State Wildlife Refuge) Junction of Santee Creek & Halfway Creek (~Conrail RR bridge)	T8S, R8E, Sec 31	41.73723056	-83.51566389
Muddy Creek (Allens Cove)	Lake Erie	Monroe	I-75; 1.9 miles above mouth	T7 & 8S, R8E, Sec 36 & 1	41.83191389	-83.42766389
LaPointe Drain	Lake Erie	Monroe	I-75; 0.65 miles above mouth	T8S, R8E, Sec 10		
Sulphur Creek	Lake Erie	Monroe	T7S, R8E, boundary of P.C. No. 360/377; 0.37 mi above NE/SW road above Toledo Beach	T7S, R8E, Sec 27	41.85249444	-83.46353333
Shantee Creek	Lake Erie	Monroe	Michigan-Ohio state line	T9S, R8E, Sec 4	41.73219722	-83.48194167
Bay Creek	Lake Erie	Monroe	I-75	T8S, R8E, Sec 15	41.78878889	-83.46620833
Flat Creek	Lake Erie	Monroe	Maybe upstream of Suder Ave.	T8S, R8E, Sec 28	41.75882	-83.49011

Waterbody	Tributary To	County	Approximate Regulatory Cut-Off	Twp Rge Sec	Latitude	Longitude
Ottawa River		Monroe	Detroit & Toledo Shoreline RR bridge (may now be Grand Trunk Western RR)	OH, T9S, R8E, Sec 8	41.711575	-83.50331667
<u>INDIANA WATERS</u>						
Iroquois River		Jasper	Navigable throughout (0.47 miles south of CR 300 S)	T29N, R7W, Sec 15	40.963282	-87.206116
Kankakee River	Illinois River	Newton, Jasper, LaPorte, Starke, & St. Joseph	Navigable throughout, (watercourse identified as Dixon Place Ditch upstream of confluence with Geyer Ditch just west of SR 223)	T36N, R1E, Sec 4, NW 1/4	41.60454	-86.42402
Maumee River		Allen	Hosey Dam in Fort Wayne	T30N, R12E, Sec 1	41.08237778	-85.11606667