

Michigan Areas of Concern Beneficial Use Impairment Progress

Michigan's Areas of Concern program recognizes the importance of keeping the public informed of environmental progress. With the support of the Great Lakes Restoration Initiative and local stakeholders, the AOC program is achieving remarkable results in restoring Beneficial Uses and anticipates this progress will continue. This document will be updated regarding the latest Beneficial Use Impairment (BUI) removals.

Area of Concern	Restrictions on fish and wildlife consumption	Degradation of benthos	Loss of fish and wildlife habitat	Restrictions on dredging	Beach closings	Degradation of fish and wildlife populations	Degradation of aesthetics	Eutrophication or undesirable algae problems	Bird or animal deformities or other reproductive	Restrictions on drinking water consumption or taste and odor problems	Fish tumors or other reproductive	Tainting of fish and wildlife consumption or	Added costs to agriculture or industry	Degradation of phyto- or zooplankton populations	Original Total	Remaining Today
Saginaw Bay/River	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		12	9
Detroit River	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>				11	9
St. Clair River	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		10	3
St. Marys River	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>				10	6
Muskegon Lake	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>					9	5
River Raisin	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>						9	4
Rouge River	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>				9	9
Clinton River	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>								8	8
Kalamazoo River	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>						8	6
White Lake	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>					8	0
Menominee River	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									6	3
Manistique River	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>										5	2
Deer Lake	<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						3	0
Torch Lake	<input type="checkbox"/>	<input type="checkbox"/>									<input checked="" type="checkbox"/>				3	2
Original Total	14	13	12	12	11	10	10	8	7	5	4	3	1	1	111	
Remaining Today	11	9	8	8	4	8	5	4	4	1	3	0	0	1		66

<input type="checkbox"/>	Beneficial Use Impaired
<input checked="" type="checkbox"/>	Beneficial Use Restored
<input type="checkbox"/>	Not Applicable to this Area of Concern



Michigan Areas of Concern Beneficial Use Impairment Removals

	Area of Concern	Beneficial Use Impairment (BUI)	Status/Date	Supporting Documentation
45	St. Clair River	Bird or Animal Deformities or Reproduction Problems	BUI Removed May 2017	BUI Removal Document
44	Menominee River	Degradation of Benthos	BUI Removed May 2017	BUI Removal Document
43	Menominee River	Restrictions on Dredging Activities	BUI Removed May 2017	BUI Removal Document
42	St. Marys River	Eutrophication or Undesirable Algae	BUI Removed December 2016	BUI Removal Document
41	St. Marys River	Beach Closings	BUI Removed July 2016	BUI Removal Document
40	St. Clair River	Beach Closings	BUI Removed May 2016	BUI Removal Document
39	Muskegon Lake	Beach Closings	BUI Removed August 2015	BUI Removal Document
38	River Raisin	Loss of Fish and Wildlife Habitat	BUI Removed August 2015	BUI Removal Document
37	River Raisin	Degradation of Fish and Wildlife Populations	BUI Removed August 2015	BUI Removal Document
36	St. Clair River	Degradation of Benthos	BUI Removed November 2014	BUI Removal Document
35	Saginaw Bay/River	Loss of Fish and Wildlife Habitat	BUI Removed May 2014	BUI Removal Document
34	White Lake	Loss of Fish and Wildlife Habitat	BUI Removed April 2014	BUI Removal Document
33	White Lake	Degradation of Fish and Wildlife Populations	BUI Removed April 2014	BUI Removal Document
32	White Lake	Degradation of Aesthetics	BUI Removed March 2014	BUI Removal Document
31	White Lake	Restrictions on Drinking Water Consumption	BUI Removed March 2014	BUI Removal Document
30	Deer Lake	Restrictions on Fish or Wildlife Consumption	BUI Removed February 2014	BUI Removal Document
29	St. Marys River	Bird or Animal Deformities or Reproduction Problems	BUI Removed March 2014	BUI Removal Document
28	St. Marys River	Degradation of Aesthetics	BUI Removed January 2014	BUI Removal Document
27	Detroit River	Tainting of Fish or Wildlife Flavor	BUI Removed September 2013	BUI Removal Document
26	River Raisin	Eutrophication or Undesirable Algae	BUI Removed September 2013	BUI Removal Document
25	River Raisin	Beach Closings	BUI Removed September 2013	BUI Removal Document
24	Muskegon Lake	Restrictions on Fish or Wildlife Consumption	BUI Removed February 2013	BUI Removal Document
23	White Lake	Restrictions on Fish or Wildlife Consumption	BUI Removed February 2013	BUI Removal Document
22	Muskegon Lake	Restrictions on Drinking Water or Taste and Odor Problem	BUI Removed February 2013	BUI Removal Document
21	St. Clair River	Degradation of Aesthetics	BUI Removed July 2012	BUI Removal Document
20	St. Clair River	Added Costs to Agriculture or Industry	BUI Removed June 2012	BUI Removal Document
19	White Lake	Degradation of Benthos	BUI Removed June 2012	BUI Removal Document
18	White Lake	Eutrophication or Undesirable Algae	BUI Removed April 2012	BUI Removal Document
17	Kalamazoo River	Degradation of Aesthetics	BUI Removed April 2012	BUI Removal Document
16	River Raisin	Degradation of Aesthetics	BUI Removed April 2012	BUI Removal Document
15	Muskegon Lake	Restrictions on Dredging Activities	BUI Removed September 2011	BUI Removal Document
14	White Lake	Restrictions on Dredging Activities	BUI Removed September 2011	BUI Removal Document
13	Deer Lake	Eutrophication or Undesirable Algae	BUI Removed September 2011	BUI Removal Document
12	Deer Lake	Bird or Animal Deformities or Reproduction Problems	BUI Removed September 2011	BUI Removal Document
11	Detroit River	Restrictions on Drinking Water Consumption	BUI Removed July 2011	BUI Removal Document
10	St. Clair River	Restrictions on Dredging Activities	BUI Removed March 2011	BUI Removal Document
9	Menominee River	Beach Closings	BUI Removed March 2011	BUI Removal Document
8	Kalamazoo River	Beach Closings	BUI Removed March 2011	BUI Removal Document
7	Manistique River	Beach Closings	BUI Removed November 2009	BUI Removal Document
6	St. Clair River	Tainting of Fish or Wildlife Flavor	BUI Removed September 2009	BUI Removal Document
5	Saginaw Bay/River	Tainting of Fish or Wildlife Flavor	BUI Removed September 2008	BUI Removal Document
4	Manistique River	Loss of Fish and Wildlife Habitat	BUI Removed September 2008	BUI Removal Document

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3	Saginaw Bay/River	Restrictions on Drinking Water Consumption	BUI Removed June 2008	BUI Removal Document
2	Torch Lake	Fish Tumors or Other Deformities	BUI Removed April 2007	BUI Removal Document
1	Manistique River	Degradation of Benthos	BUI Removed November 2006	BUI Removal Document