

Great Lakes AOC Contaminated Sediment Management Plan - June 2020

State	AOC	Site Name / Location	Estimated Volume of Contaminated Sediments	Estimated Cost of Current Phase (Average)	Responsible Office / Authority	Assessment Status	Remediation Complete?	Current Phase	Start Date (Current Phase)	Expected End Date (Current Phase)
IL	Waukegan	Waukegan Harbor [Superfund: Outboard Marine Corp. NPL site]	115,000	\$36,000,000	Superfund	Full	Yes	Remediation	2012	2013
IL	Waukegan	Waukegan Harbor Strategic Dredging	9,735	\$733,000	GLNPO	Full	Yes	Complete	2013	2013
IN	Grand Calumet River	East Branch Grand Calumet River (RCRA: US Steel Project)	786,000	\$30,000,000	RCRA/CWA	Full	Yes	Complete		2002
IN	Grand Calumet River	Grand Calumet River East Branch - Phase 2 (Cline Ave - east to 2nd rail bridge after Industrial Hwy)	1,000,000	\$3,000,000	Legacy	Full	No	FS/RD	2016	2021
IN	Grand Calumet River	Grand Calumet River East Branch	1,062,821	\$88,100,000	Legacy	Full	Yes	Remediation	2013	2014
IN	Grand Calumet River	Grand Calumet River West Branch - Reaches 1,2 (Roxanna Marsh)	584,870	\$52,000,000	Legacy	Full	Yes	Complete	2011	2012
IN	Grand Calumet River	Grand Calumet River West Branch - Reaches 3,4,5 (Hammond Sanitary District)	148,816	\$33,900,000	Legacy	Full	Yes	Complete	2010	2011
IN	Grand Calumet River	Grand Calumet River West Branch - Reaches 6,7 (State Line / NIPSCO)	46,135	\$12,000,000	Legacy	Full	Yes	Remediation	2015	2016
IN	Grand Calumet River	Indiana Harbor Canal [Corps: WRDA, Indiana Harbor and Ship Canal dredging project]	4,000,000	TBD	USACE	Full	No	Remediation	2013	2020
IN	Grand Calumet River	Indiana Harbor Canal TSCA Hot Spots	TBD	TBD	USACE	Full	Yes	Remediation	2019	2019
IN	Grand Calumet River	Lake George Canal Middle and East	60,000+	TBD	Legacy	Full	No	Remediation	2020	2023
IN	Grand Calumet River	Lake George Canal West	TBD	TBD	Legacy	Partial	No	FS/RD	2013	2015
IN	Grand Calumet River	Indiana Harbor Canal- Junction (Indianapolis to Kennedy Ave.)	TBD	TBD	Legacy	Partial	No	FS/RD	2013	2015
MI	Clinton River	Clinton River	TBD	\$790,000	Legacy	Partial	No	Assessment	2011	2016
MI	Clinton River	Clinton River I-90 "S" Curves, Mt Clemens	TBD	\$580,000	USACE	Partial	No	Assessment	2017	2019
MI	Deer Lake	Deer Lake/Carp River/Carp Creek	2,500,000	N/A	MDEQ	Full	Yes - MNR	Monitored Natural Recovery	2007	2035
MI	Detroit River	Black Lagoon - Trenton Channel	115,671	\$8,700,000	Legacy	Full	Yes	Complete	2005	2005
MI	Detroit River	Connors Creek (City of Detroit)	146,000	\$4,000,000	City of Detroit, Detroit Water and Sewerage Dept	Full	Yes	Complete		
MI	Detroit River	Detroit River / Upper Trenton Channel	215,000	\$4,200,000	Legacy	Full	No	Design	2014	2020
MI	Detroit River	Detroit River - Mid-Lower Trenton Channel	700,000	\$600,000	Legacy	Full	No	Assessment	2013	2014
MI	Detroit River	Monguagon Creek - Upper Trenton Channel	TBD	\$800,000	Legacy	Partial	No	RD	2019	2020

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MI	Detroit River	Detroit River - Celeron Island	53,000	\$600,000	Legacy	Full	No	Assessment	2013	2014
MI	Detroit River	Detroit River - Ecorse Shoreline	2,100,000	\$600,000	Legacy	Full	No	Assessment	2013	2014
MI	Detroit River	Detroit River - Riverbend	500,000	\$600,000	Legacy	Full	No	Assessment	2015	2016
MI	Detroit River	Detroit River - Harbortown	868,000	\$600,000	Legacy	Full	No	Assessment	2016	2016
MI	Detroit River	Detroit River Riverwalk	13,000	TBD	Legacy	Full	No	Remediation	2020	2020
MI	Detroit River	Centennial Park	TBD	\$2,100,000	Legacy	Full	No	Design	2019	2021
MI	Detroit River	Detroit River Railyard	TBD	TBD	GLNPO/USACE	Partial	No	RI/FS/RD	2019	2021
MI	Detroit River	McLouth Steel/GI Shoreline	TBD	\$2,900,000	MIEGLE	Partial	No	Assessment	2019	2021
MI	Kalamazoo River	Kalamazoo River (Area 1: Plainwell Impoundment)	19,500	TBD	Superfund	Partial	No	Design	2017	2021
MI	Kalamazoo River	Kalamazoo River (Area 2: Otsego City Impoundment)			Superfund					
MI	Kalamazoo River	Kalamazoo River (Area 3: Otsego Township Impoundment)	5,000	TBD	Superfund	Full	Yes	Remediation	2017	2019
MI	Kalamazoo River	Kalamazoo River (Area 4: Trowbridge Impoundment)			Superfund					
MI	Kalamazoo River	Kalamazoo River (Area 5: Trowbridge to Allegan City Dam)			Superfund					
MI	Kalamazoo River	Kalamazoo River (Area 6: Lake Allegan)			Superfund					
MI	Kalamazoo River	Kalamazoo River (Area 7: Allegan Dam to Lake Michigan)			Superfund					
MI	Manistique River	Manistique River, OU-I	9,417	\$3,700,000	NOAA/MDEQ	Full	Yes	Complete	2016	2016
MI	Manistique River	Manistique River and Harbor, OU-II	42,500	\$10,000,000	NOAA/MDEQ	Full	Yes	Complete	2019	2019
MI	Manistique River	Manistique River [Superfund: Manistique River and Harbor non-time critical removal action]	111,000	\$40 - 50 million	Superfund	Full	Yes	Complete		2004
MI	Muskegon Lake	Zephyr Refinery - Fire Suppression Ditch	48,870	\$15,500,000	Legacy	Full	Yes	Remediation	2017	2018
MI	Muskegon Lake	Division Street Outfall	43,459	\$10,800,000	Legacy	Full	Yes	Complete	2011	2012
MI	Muskegon Lake	Ruddiman Creek	89,870	\$14,200,000	Legacy	Full	Yes	Complete	2005	2006
MI	Muskegon Lake	Ryerson Creek Outfall	14,600	TBD	Legacy	Full	No	Remediation	2020	2021
MI	River Raisin	Raisin River [GLLA]	124,714	\$36,300,000	Legacy	Full	Yes	Complete	2012	2016
MI	River Raisin	Raisin River (Strategic Dredging)	69,000	\$800,000	USACE	Full	Yes	Complete		2012
MI	Rouge River	Lower Rouge River "Old Channel"	108,000	\$56,800,000	Legacy	Full	No	Remediation	2017	2021
MI	St. Marys River	St. Marys River Former MGP Site (Phase 1)	6,500	\$1,500,000	Legacy	Full	Yes	Complete	2010	2010
MI	St. Marys River	St. Marys River Former MGP Site (Phase 2)	18,000	\$7,000,000	Legacy	Full	Yes	Complete	2010	2011
MI	St. Marys River	St. Marys River, Tannery Bay	45,593	\$8,000,000	Legacy	Full	Yes	Complete	2006	2007
MI	Torch Lake	Torch Lake	TBD	TBD	GLNPO	Partial	No	FS	2019	2021
MN	St. Louis River	Minnesota Slip	36,750	\$5,500,000	USACE/MPCA	Full	Yes	Remediation	2018	2019
MN	St. Louis River	Slip C and Slip 3	116,000	\$5,000,000	USACE/MPCA	Full	Yes	Remediation	2018	2019
MN	St. Louis River	St. Louis River/Interlake/Duluth Tar Superfund Site	455,000	\$45,600,000	State Superfund	Full	Yes	Complete		2012
MN	St. Louis River	St. Louis River/Interlake/Duluth Tar Superfund Site - Carbon Mat (GLLA betterment to Superfund Remedy)	164,000	\$2,400,000	Legacy	Full	Yes	Complete	2009	2010
MN	St. Louis River	St. Louis River/US Steel "Spirit Lake"	710,000	\$3,000,000	Legacy	Full	No	RD	2017	2020
MN	St. Louis River	Mud Lake West	90,000	TBD	USACE/MPCA	Partial	No	RD	2016	2020
MN	St. Louis River	Munger Landing	TBD	TBD	USACE/MPCA	Partial	No	RD	2018	2020

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MN	St. Louis River	Scanlon Reservoir	60,000	TBD	USACE/MPCA	Partial	No	RD	2016	2020
MN	St. Louis River	Thomson Reservoir	240,000	TBD	USACE/MPCA	Partial	No	RD	2016	2020
MN	St. Louis River	Ponds Behind Erie Pier	29,656	TBD	USACE/MPCA	Partial	No	RD	2016	2019
MN	St. Louis River	AGP/Northland Slip	48,135	TBD	USACE/MPCA	Partial	No	RD	2016	2019
MN	St. Louis River	Azcon/DSPA Slip	29,656	TBD	USACE/MPCA	Full	No	Remediation	2020	2020
NY	Rochester Embayment	Genesee River	TBD	TBD	NRD	Partial	No	Assessment		
NY	Buffalo River	Buffalo River	494,557	\$48,500,000	Legacy	Full	Yes	Remediation	2013	2015
NY	Buffalo River	Buffalo River (Strategic Dredging)	372,000	\$8,000,000	USACE	Full	Yes	Complete	2011	2012
NY	Buffalo River	Buffalo River (Strategic Dredging)	120,000	\$1,000,000	USACE	Full	No	Remediation	2020	2020
NY	Eighteenmile Creek	Eighteenmile Creek Superfund Site (OU 3)	TBD		Superfund	Ongoing	No	Remedial Investigation	2013	2021
NY	Niagara River	Smokes Creek	TBD	\$350,000	Legacy	Partial	No	Assessment	2010	2013
NY	Niagara River	Niagara River Site Characterization Areas	TBD	\$1,500,000	GLRI/USACE/NYSDEC	Partial	No	Assessment	2013	2021
NY	St. Lawrence River	Lower Grasse River Superfund Site			Superfund			Remediation		
NY	St. Lawrence River	Reynolds Metals Superfund Site	86,000	\$39,000,000	Superfund	Full	Yes	Complete	2001	2009
OH	Ashtabula	Ashtabula River	497,383	\$58,500,000	Legacy	Full	Yes	Complete	2006	2010
OH	Ashtabula	Ashtabula River Corps Fed Channel	132,000	\$13,000,000	USACE	Full	Yes	Complete	2008	2008
OH	Ashtabula	Ashtabula River Strategic Dredging	110,000	\$6,000,000	USACE	Full	Yes	Complete	2013	2014
OH	Ashtabula	Ashtabula River (North Slip)	11,976	\$1,500,000	Legacy	Full	Yes	Complete	2013	2013
OH	Cuyahoga River	Cuyahoga River Gorge Dam	867,000	\$1,300,000	Legacy	Full	No	RD	2018	2020
OH	Cuyahoga River	Cuyahoga River Old Channel	70,000	\$500,000	Legacy	Full	No	RD	2018	2021
OH	Maumee River	Lower Maumee River - (GLLA: outside Ship Channel, I-280 bridge upstream to Walbridge park)	TBD	\$800,000	Legacy	Partial	No	Assessment	2011	2012
OH	Maumee River	Lower Maumee River - (GLLA: outside Ship Channel, I-280 bridge downstream 5 river mi.)	TBD	\$800,000	Legacy	Partial	No	Assessment	2013	2014
OH	Maumee River	Maumee River - RM 0-7 (outside Ship Channel, mouth to I-75 Bridge)	800,000	TBD	TBD		No	TBD		
OH	Maumee River	Ottawa River (Upper Reaches: RM 3.2 - RM 8.8)	251,172	\$47,200,000	Legacy	Full	Yes	Remediation	2010	2011
OH	Maumee River	Otter Creek - Lower Reach	120,000	\$1,800,000	Legacy	Full	No	Design	2016	2020
OH	Maumee River	Swan Creek - (GLLA: confluence with Maumee upstream to Highland Park (3.75 river mi))	TBD	\$800,000	Legacy	Partial	No	Assessment	2011	2015
WI	Fox River / Green Bay	Fox River/Lower Green Bay [Superfund: OU 1 - Little Lake Butte des Morts]	800,000	\$100,000,000	Superfund	Full	Yes	Complete	2004	2009
WI	Fox River / Green Bay	Fox River/Lower Green Bay [Superfund: OU 2 - Appleton to Little Rapids]	50,000	\$5,000,000	Superfund	Full	Yes	Complete	2009	2009
WI	Fox River / Green Bay	Fox River/Lower Green Bay [Superfund: OU 3 - Little Rapids to DePere]	500,000	\$50,000,000	Superfund	Full	Yes	Complete	2009	2012
WI	Fox River / Green Bay	Fox River/Lower Green Bay [Superfund: OU 4- DePere to Green Bay]	7,000,000	\$1,000,000,000	Superfund	Full	No	Remediation	2009	2020

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WI	Fox River / Green Bay	Fox River/Lower Green Bay [Superfund: OU 5 - Green Bay] - Monitored Natural Recovery	29,000,000	\$5,000,000	Superfund	Full	No	Remediation	2018	2020
WI	Fox River / Green Bay	Green Bay Former MGP	TBD	TBD	Superfund	Full	No	Remediation	2016	2020
WI	Lower Menominee River	Menominee River [RCRA: Ansul site]	259,000	\$124,000,000	RCRA	Full	Yes	Remediation	2011	2013
WI	Lower Menominee River	Tyco/Ansul [GLLA]	41,010	\$26,400,000	Legacy	Full	Yes	Remediation	2014	2015
WI	Lower Menominee River	MGP (WPCS)	15,357	\$6,500,000	Superfund	Full	Yes	Remediation	2012	2013
WI	Lower Menominee River	Menekaunee Harbor	79,350	\$5,100,000	WDNR	Full	Yes	Remediation	2014	2016
WI	Milwaukee Estuary	Blatz Pavilion - WDNR Cleanup	5,000	\$2,000,000	WDNR	Full	Yes	Remediation	2006	2008
WI	Milwaukee Estuary	Kinnickinnic River (Becher Street to Kinnickinnic Ave)	167,000	\$22,400,000	Legacy	Full	Yes	Remediation	2009	2009
WI	Milwaukee Estuary	Lincoln Park (Phase 1 - Lincoln Creek / West Oxbow)	119,039	\$24,600,000	Legacy	Full	Yes	Remediation	2010	2012
WI	Milwaukee Estuary	Lincoln Park (Phase 2 - East Oxbow / Milwaukee River)	52,918	\$18,000,000	Legacy	Full	Yes	Remediation	2014	2015
WI	Milwaukee Estuary	Milwaukee Estuary [Menomonee R. Superfund: Moss American NPL site]	64,000	\$18,500,000	Superfund	Full	Yes	Remediation	2008	2010
WI	Milwaukee Estuary	Cedar Creek Operable Unit 2A - Milwaukee River Basin	70,000	\$24,800,000	Superfund	Full	Yes	Remediation	2017	2018
WI	Milwaukee Estuary	Cedar Creek Operable Unit 2B - Milwaukee River Basin	13,000	TBD	Superfund	Full	No	FS	2019	2020
WI	Milwaukee Estuary	Menomonee and Milwaukee Rivers	123,000	\$1,715,000	Legacy	Full	No	RI/FS	2016	2019
WI	Milwaukee Estuary	Milwaukee River Downstream	TBD	\$1,800,000	Legacy	Partial	No	Assessment	2016	2021
WI	Milwaukee Estuary	Kinnickinnic River Mooring Basin	TBD	\$400,000	Legacy	Partial	No	Assessment	2015	2021
WI	Milwaukee Estuary	Milwaukee Estuary [Superfund: Solvay Coke]	50,000	TBD	Superfund	Partial	No	FS	2016	2018
WI	Milwaukee Estuary	Miller Compressing Co/Burnham Canal (west of 14th Street)	4,000	TBD	Superfund	Full	No	Remediation	2019	2020
WI	Milwaukee Estuary	Milwaukee Estuary GLLA FFS/PDI/RD	1,500,000	\$29,000,000	Legacy	Partial	No	FS/PDI	2020	2022
WI	Sheboygan River	Sheboygan River [Legacy Act]	148,822	\$32,000,000	Legacy	Full	Yes	Remediation	2012	2012
WI	Sheboygan River	Sheboygan River [Strategic Dredging - 8th street brdg downstream to mouth]	155,000	\$21,000,000	GLNPO	Full	Yes	Remediation	2012	2013
WI	Sheboygan River	Sheboygan River Lower River	60,000	\$11,000,000	Superfund	Full	Yes	Remediation	2011	2012
WI	Sheboygan River	Sheboygan River Upper River	35,000	\$15,000,000	Superfund	Full	Yes	Remediation	2005	2007
WI	Sheboygan River	Sheboygan River: Camp Marina MGP	15,000	\$10,000,000	Superfund	Full	Yes	Remediation	2011	2012
WI	St. Louis River	Hog Island / Newton Creek Inlet	46,000	\$6,300,000	Legacy	Full	Yes	Remediation	2006	2006
WI	St. Louis River	Crawford Creek - Lake Superior Basin	TBD	\$850,000	Legacy	Full	No	Focused FS	2018	2021
WI	St. Louis River	Howards Bay	85,000	\$14,000,000	Legacy	Full	No	Remediation	2020	2021
WI	St. Louis River	Howards Bay Strategic Dredging	100,000	\$1,500,000	USACE	Full	No	Remediation	2020	2021
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