

**Complete Maumee AOC Management Action Project List for Contaminated Sediments (SedMAPs)**

Updated 11/24/21

On 6/11/20 the MAAC approved these projects for recommendation to Ohio EPA. Ohio endorsed these projects on 6/29/20 and US EPA accepted them on 7/29/2020. These projects will address a variety of BUIs as listed with each project. These projects will lead to the direct removal of some BUIs, but other BUIs will require additional management actions as defined in those BUI-specific management action lists. Below is an explanation of the BUI numbering.

**Sediment Projects**

BUI	Project Site	Lead Agency	Task/Description	Funding Status	AOC GLLA Funding	Non-Federal Funding	Estimated Total Cost	Anticipated FFY
1,3,4,6,14	Ottawa River (Reaches 1 - 4 area)	US ACE (for GLNPO) ORD (for GLNPO)	Remedy Confirmation Study - Reach 1	Complete (2019)	\$446,723	-	\$446,723	19
			Remedy Effectiveness Study - Reach 2-4	Complete (2020)	\$1,100,000	-	\$1,100,000	20
			Decision document	In Progress	-	-	-	20
3,6,14	Halfway, Silver, Shantee Creeks	Ohio EPA	Field verification of conditions	Complete (11/20)	-	-	-	20
			Decision document	Complete (7/21)	-	-	-	21
6, 14	Swan Creek (RM 4-0) (Phase 1 & 2 area)	GLNPO	SLERA	Complete (2019)	-	-	-	19
			Data Gap Investigation	In Progress	\$600,000	-	\$600,000	20
			Feasibility Study	Funded	\$195,000	\$105,000	\$300,000	21
			Remedial Design	Needs Funding	\$325,000	\$175,000	\$500,000	23
			Remedial Action/Construction	Needs Funding	\$12,025,000	\$6,475,000	\$18,500,000	24
3,6,14	Maumee River - Upstream (Phase 1 area)	US ACE (for GLNPO)	Remedy Effectiveness Study	Needs Funding	tbd	tbd	tbd	29
			SLERA	Complete (2019)	-	-	-	20
3,6,7,14	Maumee River - Sway Bridge (within Phase 2 area)	US ACE (for GLNPO)	Decision document	In Progress	-	-	-	20
			SLERA	Complete (2019)	-	-	-	20
3,6,14	Maumee River - WWTP (within Phase 2 area)	US ACE (for GLNPO)	Data Gap Investigation	In Progress	\$725,300	-	\$725,300	21
			Feasibility Study	Funded	\$195,000	\$105,000	\$300,000	21
			Remedial Design	Needs Funding	\$325,000	\$175,000	\$500,000	23
			Remedial Action/Construction	Needs Funding	\$21,612,500	\$11,637,500	\$33,250,000	24
			Remedy Effectiveness Study	Needs Funding	tbd	tbd	tbd	29
3,4,6,11,14	Otter Creek	US ACE (for GLNPO)	SLERA	Complete (2019)	-	-	-	20
			Data Gap Investigation	In Progress	\$725,300	-	\$725,300	21
			Feasibility Study	Funded	\$195,000	\$105,000	\$300,000	21
			Remedial Design	Needs Funding	\$325,000	\$175,000	\$500,000	23
			Remedial Action/Construction	Needs Funding	\$21,612,500	\$11,637,500	\$33,250,000	24
3,4,6,14	Duck Creek	GLNPO	Remedy Effectiveness Study	Needs Funding	tbd	tbd	tbd	29
			Restoration Effectiveness Study	In Progress	tbd	tbd	tbd	26
			SLERA	Complete (2018)	-	-	-	19
			Decision document (NFA)	Complete (2019)	-	-	-	19
								\$59,107,323
Completed Tasks = \$13,546,723			In Progress/Funded Tasks = \$2,950,600			Needs Funding/Pending Tasks = \$72,500,000		

note: Italicized funding are rough estimates

**Cost Share Projects**

Project ID	Project name (Site name)	Lead Implementer/ Partner	Funding Source	Funding Status	AOC GLLA Funding	Non-Federal Funding	Added to PA	Estimated Complete
CS-01	Cullen Park Flow Through Wetland (MB-2.0)	Toledo-Lucas Co Port Authority (TLCPA)	H2Ohio (SFY20-Phase 1)	Complete (2021)	-	\$201,840	Oct. 2020	2021
CS-02	Grassy Island Flow Through Wetland	TLCPA	H2Ohio (SFY20-Phase 1)	Complete (2021)	-	\$514,670	Oct. 2020	2021
CS-03	Maumee Bay State Park (29-17)	TNC	H2Ohio (SFY20-Phase 1)	In Progress	-	\$2,200,000	Oct. 2020	2022
CS-4A	Ottawa NWR Nearshore Habitat Restoration (CrC-4.0)	Ottawa SWCD	H2Ohio (SFY20-Phase 1)	In Progress	-	\$650,000	Oct. 2020	2021
CS-4B	Turtle Creek Bay (Magee Marsh) Reconnection (TuC-20.0)	Erie SWCD	H2Ohio (SFY20-Phase 1)	In Progress	-	\$600,000	Oct. 2020	2021
CS-13	Oak Openings Preserve Metropark Wetland Expansion	Metroparks Toledo	H2Ohio (SFY20-Phase 1)	In Progress	-	\$867,000	Oct. 2020	2021
CS-25	VanOrder Woodland and Wetland Restoration	ODNR - Forestry	H2Ohio (SFY20-Phase 1)	In Progress	-	\$363,476	Oct. 2020	2022
CS-26	Navarre Marsh Wetland Restoration & Reconnection	DU	H2Ohio (SFY20-Phase 1)	In Progress	-	\$950,000	Oct. 2020	2022
CS-12	Mallard Club Wildlife Area Wetland Connection	Ducks Unlimited	H2Ohio (SFY20-Phase 2)	In Progress	-	\$767,071	June 2021	2024
CSM-15	Maumee River Shoreline Acquisition	Metroparks Toledo	Metroparks Toledo General Fund	In Progress	-	\$1,800,000	June 2021	2021
CSM-16	Oak Openings Preserve Metropark Wetland Expansion (PART 2 of CS-13)	Metroparks Toledo	Clean Ohio Fund District 12 (SFY20)	In Progress	-	\$483,625	June 2021	2021
CSM-17	Oak Openings Corridor Swamp Forest Protection (Reed)	Metroparks Toledo	Clean Ohio Fund District 12 (SFY21)	In Progress	-	\$584,000	June 2021	2021
CSM-18	Ravine Park Acquisition and Restoration (Garfield Greenway)	Metroparks Toledo	Clean Ohio Fund District 12 (SFY21)	In Progress	-	\$271,368	June 2021	2022
CSM-19	Swan Creek Preserve Expansion	Metroparks Toledo	Clean Ohio Fund District 12 (SFY21)	In Progress	-	\$162,005	June 2021	2022
CS-34	Clark Island Habitat Restoration Project	City of Toledo	H2Ohio (SFY21-Phase 3)	In Progress	-	\$620,000	June 2021	2024
CS-36	Duck and Otter Creek Wetland and Stream Restoration	Toledo/Lucas Co Port Authority	H2Ohio (SFY21-Phase 3)	In Progress	-	\$1,800,000	June 2021	2024
CS-4C	Toussaint Shooting Club Reconnections	Ottawa SWCD	H2Ohio (SFY21-Phase 3)	In Progress	-	\$2,418,000	June 2021	2023
						\$15,253,055		

**Beneficial Use Impairments**

BUI 1:	Restrictions on Fish & Wildlife Consumption	Eutrophication or Undesirable Algae	BUI 8:
BUI 2:	Tainting of Fish and Wildlife Flavor	Restrictions on Drinking Water Consumption or Taste & Odor Problems	BUI 9:
BUI 3:	Degradation of Fish & Wildlife Populations	Beach Closings (Recreational Contact)	BUI 10:
BUI 4:	Fish Tumors or Other Deformities	Degradation of Aesthetics	BUI 11:
BUI 5:	Bird or Animal Deformities or Reproductive Problems	Added Costs to Agriculture or Industry	BUI 12:
BUI 6:	Degradation of Benthos	Degradation of Phytoplankton and Zooplankton Populations	BUI 13:
BUI 7:	Restrictions on Dredging Activities	Loss of Fish & Wildlife Habitat	BUI 14: