

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

Updated 4/27/21

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	\$446,723	-	\$446,723	19
			Remedy Effectiveness Study - Reach 2-4	Complete	\$1,100,000	-	\$1,100,000	20
			Decision document	In Progress	-	-	-	20
3,4,6,14	Halfway, Silver, Shantee Creeks	Ohio EPA	Field verification of conditions	Complete	-	-	-	20
			Decision document	In Progress	-	-	-	21
6,14	Swan Creek (RM 4-0) (Phase 1 & 2 area)	GLNPO	SLERA	Complete	-	-	-	19
			Data Gap Investigation	Funded	\$600,000	-	\$600,000	20
			Feasibility Study	Partial Funding	\$195,000	\$105,000	\$300,000	21
			Remedial Design	Needs Funding	\$325,000	\$175,000	\$500,000	22
			Remedial Action/Construction	Needs Funding	\$12,025,000	\$6,475,000	\$18,500,000	23
			Remedy Effectiveness Study	Needs Funding	tbd	tbd	tbd	28
3,4,6,14	Maumee River - Upstream (Phase 1 area)	US ACE (for GLNPO)	SLERA	Complete	-	-	-	20
			Decision document	In Progress	-	-	-	20
3,4,6,7,14	Maumee River - Sway Bridge (within Phase 2 area)	US ACE (for GLNPO)	SLERA	Complete	-	-	-	20
			Data Gap Investigation	Funded	\$725,300	-	\$725,300	21
			Feasibility Study	Needs Funding	\$195,000	\$105,000	\$300,000	22
			Remedial Design	Needs Funding	\$325,000	\$175,000	\$500,000	23
			Remedial Action/Construction	Needs Funding	\$12,512,500	\$6,737,500	\$19,250,000	24
			Remedy Effectiveness Study	Needs Funding	tbd	tbd	tbd	29
3,4,6,14	Maumee River - WWTP (within Phase 2 area)	US ACE (for GLNPO)	SLERA	Complete	-	-	-	20
			Data Gap Investigation	Funded	\$725,300	-	\$725,300	21
			Feasibility Study	Needs Funding	\$195,000	\$105,000	\$300,000	22
			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)	Remedial Design	Complete	\$1,300,000	\$700,000	\$2,000,000	20
			Remedy/Restoration Baseline Study	In Progress	tbd	tbd	tbd	20
			Remedial Action/Construction	Funded	\$6,500,000	\$3,500,000	\$10,000,000	21
			Remedy Effectiveness Study	Pending	tbd	tbd	tbd	26
			Restoration Effectiveness Study	Pending	tbd	tbd	tbd	26
3,4,6,14	Duck Creek	GLNPO	SLERA	Complete	-	-	-	19
			Decision document (NFA)	Complete	-	-	-	19

note: Italicized funding are rough estimates

\$59,107,323 \$29,890,000 \$88,997,323

Completed Tasks = \$3,546,723	In Progress/Funded Tasks = \$12,050,600	Needs Funding/Pending Tasks = \$73,100,000
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**Cost Share Projects**

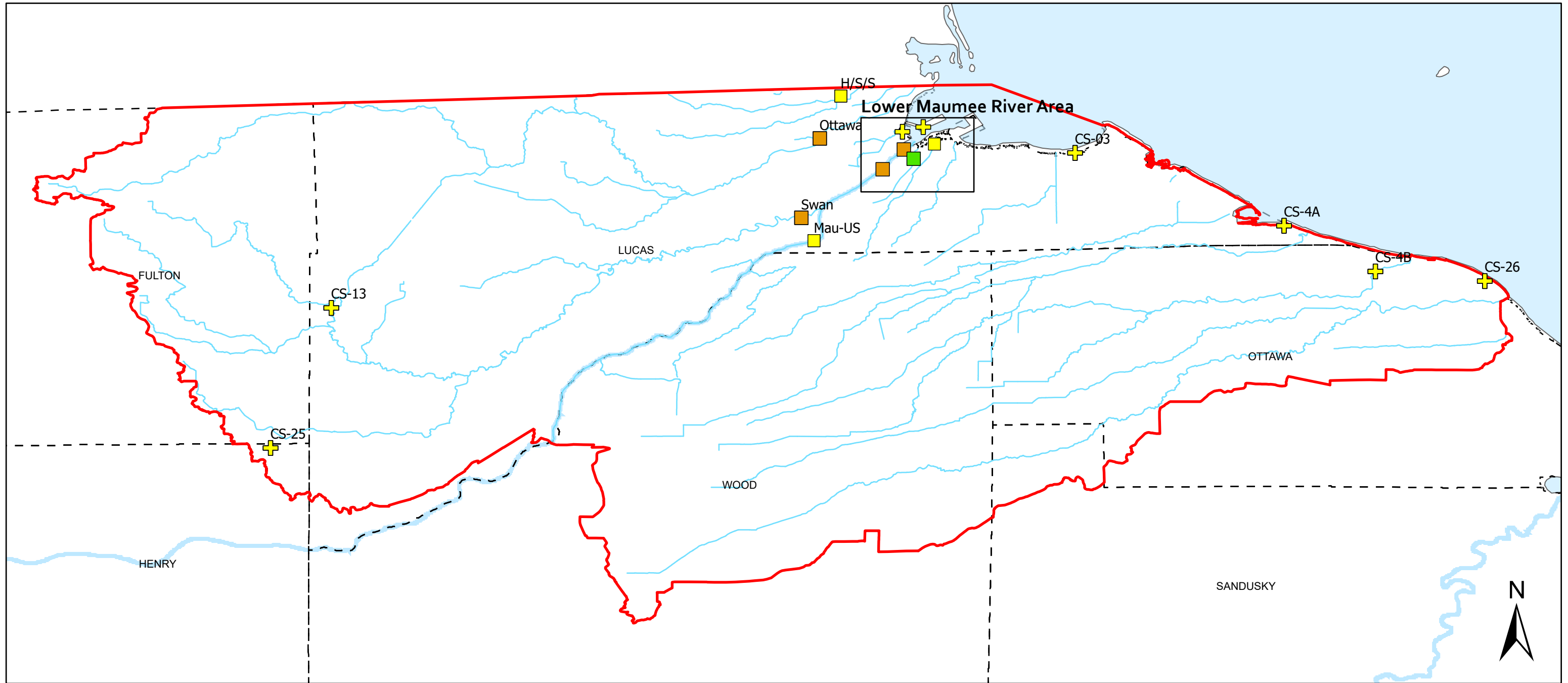
Project ID	Project name (Site name)	Lead Implementer/ Partner	Funding Source	Funding Status	AOC GLLA Funding	Non-Federal Funding	Estimated Total Cost	Estimated Complete
CS-01	Cullen Park Flow Through Wetland (MB-2.0)	Toledo-Lucas Co Port Authority (TLCPA)	H2Ohio (SFY20-Phase 1)	In Progress	-	\$5,088,000	\$5,088,000	2021
CS-02	Grassy Island Flow Through Wetland	TLCPA	H2Ohio (SFY20-Phase 1)	In Progress	-	\$742,000	\$742,000	??
CS-03	Maumee Bay State Park (29-17)	TNC	H2Ohio (SFY20-Phase 1)	In Progress	-	\$2,000,000	\$2,000,000	2022
CS-4A	Ottawa NWR Nearshore Habitat Restoration (CrC-4.0)	Ottawa SWCD	H2Ohio (SFY20-Phase 1)	In Progress	-	\$600,000	\$600,000	2021
CS-4B	Turtle Creek Bay (Magee Marsh) Reconnection (TuC-20.0)	Erie SWCD	H2Ohio (SFY20-Phase 1)	In Progress	-	\$550,000	\$550,000	2021
CS-13	Oak Openings Preserve Metropark Wetland Expansion	Metroparks Toledo	H2Ohio (SFY20-Phase 1)	In Progress	-	\$867,000	\$867,000	2021
CS-25	VanOrder Woodland and Wetland Restoration	ODNR - Forestry	H2Ohio (SFY20-Phase 1)	In Progress	-	\$363,476	\$363,476	2022
CS-26	Navarre Marsh Wetland Restoration & Reconnection	DU	H2Ohio (SFY20-Phase 1)	In Progress	-	\$950,000	\$950,000	2022

\$11,160,476 \$11,160,476

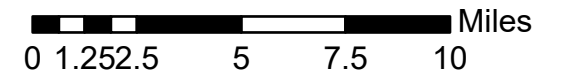
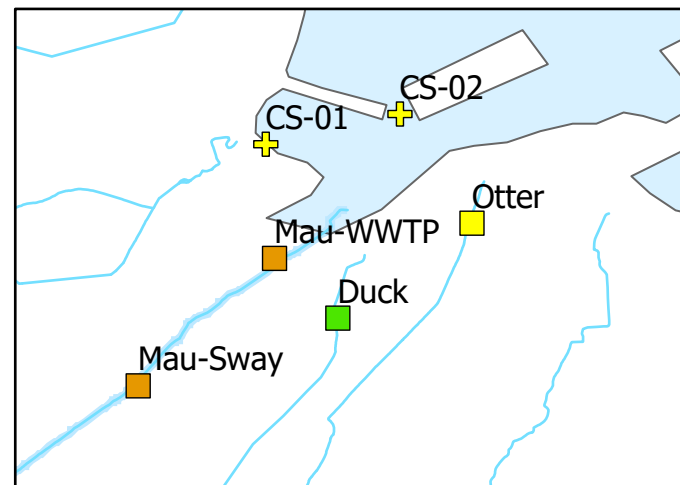
**Beneficial Use Impairments**

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:

# Maumee AOC Approved Management Action Project (MAP) Locations for Contaminated Sediments



Lower Maumee River Area



- SedMAPs - With Cost Share Projects
- Project Completed - AOC GLRI Funding
  - Project Funded - AOC GLRI Funding
  - Funding Needed - AOC GLRI Funding
  - + Project Completed - Other Funding
  - + Project Funded - Other Funding
  - + Funding Needed - Other Funding
  - Maumee AOC