

Project Description and Budget Summary: The Lake Michigan watershed is a diverse landscape that contains unique coastal resources and features, areas with an industrial past, and urban and suburban communities home to a diverse population of more than 175,000. The Lake Michigan Watershed Plan will provide an “umbrella” plan for the area from the Wisconsin border in the north to the southern end of the Illinois coastal ravine systems.

The southern portion of this planning area contains Pettibone Creek and approximately 40 small ravine and stream watersheds that convey water and runoff directly to Lake Michigan and currently do not fall into a comprehensive watershed-based plan. Projects in this portion of the watershed are implemented by individual stakeholders with less coordination and support from outside partners and these projects are often lower priority or ineligible for funding sources that use watershed-based planning as a pre-requisite (Great Lakes Restoration Initiative and Section 319 grants, for example).

The northern portion of the planning area includes three watersheds where plans were completed nearly 10 years ago (Kellogg Creek, Dead River, and Waukegan River) and require a decadal update per Federal and State guidance. Several projects recommended in those plans have been implemented, including streambank and ravine stabilization in Winthrop Harbor and Zion, for example. Additionally, significant remedial activities have occurred in the Waukegan Harbor Area of Concern and Illinois EPA has completed Total Maximum Daily Load reports (“TMDLs”) for beaches and the nearshore waters of Lake Michigan since the completion of the northern watershed plans. These successes as well as information from the TMDLs and emerging stakeholder concerns should be reported and addressed in the plan updates that will be included in the “umbrella” Lake Michigan plan.

The Lake Michigan Watershed Plan will provide prioritized recommendations for projects and programs throughout the entire watershed. SMC has received vocal support from stakeholders to pursue completion of this plan so that local projects are viable into the future. SMC reviewed several funding scenarios and determined the “umbrella” plan approach to be most cost-effective, rather than pursuing planning on a sub-watershed basis. The budget summary estimates two sources of grant revenue, the Illinois Coastal Management Program grant and the Illinois EPA Section 319 grant. SMC is pursuing commitment from watershed communities to supply additional local match for these funding sources prior to application for funding.

If successful, the planning process would begin in mid-2018 and a final draft would be complete in 2020.

Lake Michigan Watershed Based Planning Budget May 2017 DRAFT											
	Task Assign	Unit	Unit Cost	Qty	Project Total	CMP Total	CMP Revenue	CMP Match	319 Total	319 Revenue	319 Match
SMC Task Subtotals	SMC				\$ 127,040	\$ 110,540	\$ 82,340	\$ 28,200	\$ 16,500	\$ 500	\$ 16,000
Consultant Task Subtotals	Cons				\$ 124,950	\$ 89,450	\$ 17,660	\$ 71,790	\$ 35,500	\$ 29,500	\$ 6,000
PROJECT TOTALS					\$ 251,990	\$ 199,990	\$ 100,000	\$ 99,990	\$ 52,000	\$ 30,000	\$ 22,000
CMP GRANT CASH MATCH									319 GRANT MATCH		
COMMUNITY								Contribution		Task	SMC In-kind Contribution (Intern Program)
Lake County SMC								\$ 23,990.00		Stream Inventory	\$ 16,000.00
Local Gov and NGO Match								\$ 76,000.00		Detention Basin Inventory	\$ 6,000.00
CMP Match SubTotal								\$ 99,990.00		319 Match SubTotal	\$ 22,000.00