

TABLE A-1: GOALS, OBJECTIVES AND RECOMMENDATIONS MATRIX

		Chapter 3										Chapter 4										Chapter 5										Chapter 6		Chapter 7										Chapter 8		Chapter 9														
GOALS		Pollution does not threaten public health and the health of the watershed										All biological communities and habitats are healthy, diverse and self-sustaining										Water is safe for drinking					Water is safe for swimming					Fish and wildlife are safe to consume					Land use activities are sustainable and support a healthy watershed		Recreation and economic activities impacting the lake are sustainable and support a healthy watershed										Data and information are available to ensure informed management decisions		All entities responsible for natural resources and environmental protection within the watershed are working together in a collaborative manner to protect and enhance the watershed					The public is informed about environmental issues and engaged in activities to restore and protect the lake				
		Meet water quality standards	quantify and control pollutant discharges	eliminate chemicals of concern with specific development and implementation of pollution	Monitor, identify and eliminate spills	adequate monitoring to assess individual	Eliminate negative impacts on the health of	Protect, restore, and maintain natural	Protect, restore, and maintain threatened and	Identify, prioritize, and remediate contaminated	Prevent, control and manage exotic species	Meet all existing drinking water quality as	Control sources of pathogens and contaminants in order to ensure water is	adequate monitoring of source water to ensure	water bodies in the watershed meet water quality	Control sources of pathogens to eliminate the threat to beach	Provide adequate beach	Meet all existing guidelines for fish and wildlife consumption	Ensure that levels of contaminants in fish and	Promote sustainable land use activity and	Identify and monitor impacts from land use, and	Support initiatives that promote sustainable	Identify and monitor impacts from recreation and	Enhance existing public access sites to the lake and	Ensure effective ballast water management	Establish, maintain and long-term monitoring programs that disseminate information to the public, local	Increase awareness among the public, local governments, and maintain a high level of public implement educational programs to foster																																	
RECOMMENDATIONS																																																												
CHAPTER 5: HUMAN HEALTH	5-1	Complete and implement Source Water Assessments to ensure effective protection of raw drinking water supply sources.																																																										
	5-2	Require monitoring programs for public water supplies to assure rapid detection of variations in water quality due to spills, contamination, and other factors.																																																										
	5-3	Revise existing notification and response plans to assure source water protection from contaminants associated with spills and runoff events.																																																										
	5-4	Support long-term establishment and operation of the Lake St. Clair weather buoy.																																																										
	5-5	Formalize the current, informal reporting and notification process used by water treatment operators.																																																										
	5-6	Continue to collect and evaluate fish contaminant monitoring data.																																																										
	5-7	Review sediment and water quality criteria, and sediment remediation/mitigation measures, to assure that the bioavailability of bioaccumulative chemicals of concern is reduced to the point that fish consumption guidelines are no longer necessary.																																																										
	5-8	Expand ongoing outreach efforts to adequately inform the public, especially at-risk populations, about fish consumption guidelines.																																																										
	5-9	Require the elimination of all sources of untreated human sewage entering the waterways through																																																										
	5-9a	a. The development and implementation of illicit discharge elimination plans (IDEP)																																																										
	5-9b	b. Completion of combined sewer overflow (CSO) and sanitary sewer overflow (SSO) treatment and elimination programs.																																																										
	5-9c	c. Detection and correction of failing on-site disposal systems (OSDSs)																																																										
	5-9d	d. Implement point-of-sale OSDS inspection programs to assure continued maintenance																																																										
	5-10	Improve wastewater treatment planning, monitoring and permitting at the local level to assure that sewage is properly managed, regardless of the selected treatment alternative. Specifically, smaller systems must be properly sited, constructed, monitored, operated, maintained, and regulated. This would require:																																																										
5-10a	a. Existing programs for permitting and siting on-site sewage disposal systems must be diligently enforced																																																											
5-10b	b. Existing small package wastewater treatment plants and lagoon systems must be well monitored by state and local environmental officials.																																																											
5-10c	c. Current E. coli monitoring programs for drains and tributaries must be maintained and examined for possible expansion																																																											
5-10d	d. Provide incentives for septage transfer stations and disposal facilities																																																											
5-11	Develop and implement an education and incentive program to assist local units of government in providing regional sewer service that would minimize the number of small local wastewater treatment plants, lagoons and onsite disposal systems.																																																											
5-12	Evaluate the impact of wildlife, pets, and livestock on elevated E. coli levels. Institute a regional bacterial source tracking system (BST).																																																											
5-13	Continue research into more timely and cost effective strategies for early detection of beach closures and predictive models for beach closures.																																																											
5-14	Implement the Beaches Environmental Assessment and Coastal Health Act (BEACH Act).																																																											

