

Appendix

Appendix A – Long Range Plan

Appendix B – Timeline

Appendix A
Sault Ste. Marie Area Watershed
Long Range Plan

SAULT STE. MARIE AREA WATERSHED – LONG RANGE PLAN	2007	2008	2009
Operating Expenses			
Manager	45,000	47,000	49,000
General Operations	6,000	6,000	6,000
Total Operating Expenses	51,000	53,000	55,000
Project Implementation Plan - Objectives and Tasks			
1. Loss of Aquatic Habitat (BMPs)			
Task A - Develop Ordinance/Regulation	5,000	5,000	5,000
Task B - SESC Administration	40000/SESC staff	40000/SESC staff	40000/SESC staff
Task C - Install Structural BMPs	25,000	25,000	25,000
Task D - Fisheries Habitat Evaluation	Manager's Salary	Manager's Salary	Manager's Salary
Task E - Fisheries Habitat Installation	10,000	10,000	10,000
Task F - Land Protection Strategy	5,500	5,500	100,000
Task G - Land Protection Endowment	500,000	500,000	500,000
Task H - Revolving Land Protection Fund	500,000	500,000	500,000
1. Loss of Aquatic Habitat (Information/Education (I/E))			
Task 1 - Land Use Education	5,000	5,000	5,000
Task 2 - Educate Realtors and Developers	5,000	5,000	5,000
Task 3 - Backyard Wildlife Education	5,000	5,000	5,000
Task 4 - Wetland Education Campaign	5,000	5,000	5,000
Task 5 - Shoreline Education	5,000	5,000	5,000
Task 6 - Land Protection Strategy Education	5,000	5,000	5,000
Task 7 - Develop Water Quality Information Packet	1,000	1,000	0
2. Developed Areas/Construction Sites (BMPs)			
Task A - Construction Site BMP Education	40000/SESC staff	40000/SESC staff	40000/SESC staff
Task B - Township/City Technical Assistance			20,000 planner
2. Developed Areas/Construction Sites (I/E)			
Task 1 - SESC Workshops	1,000	1,000	1,000
Task 2 - SESC Site Review	40000/SESC staff	40000/SESC staff	40000/SESC staff
Task 3 - Filling the Gap Workshop/Materials		2,000	
Task 4 - Fisheries Education			2,000
3. Road Stream Crossings (BMPs)			
Task A	50,000	50,000	50,000
Task B	Manager Salary	Manager Salary	Manager Salary
3. Road Stream Crossings (I/E)			
Task 1 - Road Commission TA	5,000	5,000	5,000
4. Urban/Rural Stormwater (BMPs)			
Task A - Drainage District Feasibility Research	Manager Salary	Manager Salary	Manager Salary

Task B - GIS Stormwater Infrastructure			50,000
Task C - Update City/TWP Stormwater Plan			10,000
Task D - Installation of Stormwater BMPs	15,000	15,000	15,000
Task E - SESC Stormwater Consultation	40000/SESC staff	40000/SESC staff	40000/SESC staff
4. Urban/Rural Stormwater (I/E)			
Task 1 - Public Stormwater Education	Manager Salary	Manager Salary	Manager Salary
Task 2 - Public Stormwater Education materials	5,000	5,000	5,000
Task 3 - Drain Stenciling	1,500	1,500	1,500
5. Bank/Shoreline Erosion (BMPs)			
Task A – Pursue Installation Public Shoreline BMPs	10,000 materials	10,000 materials	10,000 materials
Task B – Pursue Installation Private Shoreline BMPs	Manager Salary	Manager Salary	Manager Salary
Task C - Install BMP's (Established Sites)	10,000	10,000	10,000
Task D - Demonstration Sites	10,000	10,000	10,000
Task E – Update Streambank Inventory	Manager Salary	Manager Salary	Manager Salary
Task F – Install Streambank BMPs	10,000	10,000	10,000
5. Bank/Shoreline Erosion (I/E)			
Task 1 - Develop Demonstration Sites	Manager Salary	Manager Salary	
Task 2 - Shoreline/Riparian Area Guidebook		2,000	
6. Contamination Sites (LUSTS, FUDS, etc.) (BMP's)			
Task A - Install BMPs at Marinas	2,000	2,000	
Task B - Install BMPs at Fuel Stations	5,000	5,000	5,000
Task C - LUST Owner Consultation	Manager Salary	Manager Salary	Manager Salary
Task D – Pursue abandoned wells/cap	Managers salary+750 well	Managers salary+750 well	Managers salary+750 well
Task E – Stream Clean Up	2,000	2,000	2,000
6. Contamination Sites (LUSTS, FUDS, etc.)(I/E)			
Task 1 - Marina Info/Education-Boater's Workshops		5,000	
Task 2 – Hazardous Waste Education	Manager Salary	Manager Salary	Manager Salary
Task 3 – Contamination Site Consultation	Manager Salary	Manager Salary	Manager Salary
7. Residential/Commercial Fertilizer/Pesticide Use (BMPs)			
Task A - Home Asyst, Lake Asyst, etc.	Manager's Salary	Manager's Salary	Manager's Salary
Task B – Update NRCS Plans	Manager's Salary	Manager's Salary	Manager's Salary
Task C - Implement Farm Bill			Farm Bill
7. Residential/Commercial Fertilizer/Pesticide Use (I/E)			
Task 1 - Lawn Care Education/Information	2,000	2,000	2,000
Task 2 - Consultation with Landscapers	2,000	2,000	2,000
8. Failing On-site Septic Systems (BMPs)			
Task A – CZARA 6217 Recommendations	Manager's Salary	Manager's Salary	Manager's Salary
Task B - Consult CCHD for OSS Alternatives and Installation			15,000
Task C - Municipal Wastewater Expansion Feasibility	Manager's Salary	Manager's Salary	Manager's Salary
8. Failing On-site Septic Systems (I/E)			
Task 1 - Develop OSS I/E	2,000	2,000	2,000
Task 2 - Municipal Wastewater Expansion Feasibility	8C	8C	8C
9. Monitoring (BMPs)			

Task A – GLEAS 51	Manager's Salary	Manager's Salary	Manager's Salary
Task B - Beach Monitoring	20,000	20,000	20,000
Task C - GIS/Map Natural Features Inventory			50,000
Task D - Analyze Air Quality-ITC		Manager's Salary	
Task E - On line Database			10,000
Task F - Coastal Wetlands Inventory			35,000 LSSU Staff
Task G - Land Protection Endowment			
Task H - Riparian Land Use	Manager's Salary	Manager's Salary	Manager's Salary
Task I - Support Fisheries Monitoring	Manager's Salary	Manager's Salary	Manager's Salary
Task J - Evaluate BMPs	Manager's Salary	Manager's Salary	Manager's Salary
9. Monitoring (I/E)			
Task 1 - Implementation Plan Outreach	15,000	15,000	15,000
Task 2 - Host/Manage Website	7,500	7,500	7,500
Task 3 - BPAC Summit	5,000	5,000	5,000
Task 4 - Project Signage	5,000	5,000	5,000
Task 5 - On line database	9E	9E	9E
Task 6 - Develop and Distribute Social Survey		10,000	
Task 7 - Distribute Management Plan	2,500		
10. Desired Uses (BMPs)			
Task A - Open Space Initiative	Manager's Salary	Manager's Salary	Manager's Salary
Task B – Assist Low Impact Parks	Manager's Salary	Manager's Salary	Manager's Salary
10. Desired Uses (I/E)			
Task 1 - Host Natural Area Tours	1,000	1,000	1,000
Task 2 - Project Video		15,000	
Total Plan Expenses	316000+SESC Staff	349500+SESC Staff	466000+SESC Staff