

Appendix B
Sault Ste. Marie Area Watershed
Timeline

SAULT AREA PROJECT TIMELINE	2007	2008	2009
Project Implementation Plan – Objectives and Tasks			
1. Loss of Aquatic Habitat (BMPs)			
Task A - Develop Ordinance/Regulation	Project Planned	Provide Technical Assistance	Ordinance Developed
Task B - SESC Administration	Ongoing	Ongoing	Ongoing
Task C - Install Structural BMPs	See BMP Summary Table		
Task D - Fisheries Habitat Evaluation	Consult MDNR	Engineer Sites	
Task E - Fisheries Habitat Installation			Install Sites
Task F - Land Protection Strategy	Provide Technical Assistance	Provide Technical Assistance	Secure Easement
Task G - Land Protection Endowment	Solicit Endowment Funding	Secure Endowment Funding	Secure Endowment Funding
Task H - Revolving Land Protection Fund	Solicit Funding	Establish Fund	Begin Distributing Loans
1. Loss of Aquatic Habitat (Information/Education (I/E))			
Task 1 - Land Use Education	Develop, Distribute I/E Media	Develop, Distribute I/E Media Example	Develop, Distribute I/E Media Example
Task 2 - Educate Realtors and Developers	Develop, Distribute I/E Media	Develop, Distribute I/E Media	Develop, Distribute I/E Media
Task 3 - Backyard Wildlife Education	Develop, Distribute I/E Media	Develop, Distribute I/E Media	Develop, Distribute I/E Media
Task 4 - Wetland Education Campaign	Develop, Distribute I/E Media	Develop, Distribute I/E Media	Develop, Distribute I/E Media
Task 5 - Shoreline Education	Develop, Distribute I/E Media	Develop, Distribute I/E Media	Develop, Distribute I/E Media
Task 6 - Land Protection Strategy Education	Develop, Distribute I/E Media	Develop, Distribute I/E Media	Develop, Distribute I/E Media
Task 7 - Develop Water Quality Information Packet	Develop Packet	Distribute Packet	Distribute Packet
2. Developed Areas/Construction Sites (BMPs)			
Task A - Construction Site BMP Education	Host Workshop	Host Workshop	Host Workshop
Task B - Township/City Technical Assistance	Provide Technical Assistance	Provide Technical Assistance	Develop Ordinance, Update Planning Documents
2. Developed Areas/Construction Sites (I/E)			
Task 1 - SESC Workshops	See 2A	See 2A	See 2A
Task 2 - SESC Site Review	Ongoing	Ongoing	Ongoing
Task 3 - Filling the Gap Workshop/Materials	Host Workshop	Host Workshop	Host Workshop
Task 4 - Fisheries Education	Develop, Distribute I/E Media	Develop, Distribute I/E Media	Develop, Distribute I/E Media

3. Road Stream Crossings (BMP's)			
Task A	See BMP Summary Table	See BMP Summary Tale	See BMP Summary Table
Task B	Host Workshop	Host Workshop	Host Workshop
3. Road Stream Crossings (I/E)			
Task 1 - Road Commission TA	Host Workshop	Host Workshop	Host Workshop
4. Urban/Rural Stormwater (BMPs)			
Task A - Drainage District Feasibility Research	City Officials Consultation	Develop GIS Parcel Map/Distribute Outreach	Public Comment, vote.
Task B - GIS Stormwater Infrastructure		Develop GIS Map of Stormwater Structure	
Task C - Update City/TWP Stormwater Plan	City Officials Consultation	Develop Recommendations	Complete Revisions to Plan
Task D - Installation of Stormwater BMPs	City Officials Consultation	Install 50% planned BMP's	Install 100% planned BMP's
Task E - SESC Stormwater Consultation	Ongoing	Ongoing	Ongoing
4. Urban/Rural Stormwater (I/E)			
Task 1 - Public Stormwater Education	Develop, Distribute I/E Media	Develop, Distribute I/E Media	Develop, Distribute I/E Media
Task 2 - Public Stormwater Education materials	City Officials Consultation	City Officials Consultation	City Officials Consultation
Task 3 - Drain Stenciling		Host Stenciling Event	Host Stenciling Event
5. Bank/Shoreline Erosion (BMPs)			
Task A - Pursue Installation Public Shoreline BMPs	Confirm Priority Parcels	Engineer Sites	Install BMPs
Task B - Pursue Installation Private Shoreline BMPs	Confirm Priority Parcels	Engineer Sites	Install BMPs
Task C - Install BMPs (Established Sites)	Confirm Landowners/Engineer	Install 50% planned BMPs	Install 100% planned BMPs
Task D - Demonstration Sites	Confirm Landowners/Engineer	Install Demonstration Site	Public Outreach
Task E - Update Streambank Inventory	Update Inventory	Monitor Changes	Monitor Changes
Task F - Install Streambank BMPs	Confirm Sites/Engineer	Install 50% planned BMP's	Install 100% planned BMPs
5. Bank/Shoreline Erosion (I/E)			
Task 1 - Develop Demonstration Sites	Consult Landoowners	Engineer/Install Sites	Evaluate Effectiveness
Task 2- Shoreline/Riparian Area Guidebook	Plan/Develop Book	Distribute Book	Distribute Book
6. Contamination Sites (LUSTS, FUDS, etc.) (BMPs)			
Task A - Install BMPs at Marinas	Consult Marinas/Plan Materials	Distribute/Install BMPs	Maintenance
Task B - Install BMPs at Fuel Stations	Consult Stations	Distribute/Install BMPs	Maintenance
Task C - LUST Owner Consultation	Consult MDEQ/Landowners	Implement Delist Criteria	Implement Delist Criteria
Task D - Pursue abandoned wells/cap	Develop Map/Plan	Pursue Funding	Cap Well

Task E - Stream Clean Up	Plan Clean up/Solicit Funding	Sponsor Creek Clean Up	Sponsor Creek Clean Up
6. Contamination Sites (LUSTS, FUDS, etc.) (I/E)			
Task 1 - Develop Marina Information/Education-Boater's Workshops	Develop Outreach Materials	Distribute Materials	Distribute Materials
Task 2 - Hazardous Waste Education	Develop Outreach Materials	Distribute Materials	Distribute Materials
Task 3 - Contamination Site Consultation	Consult Partners/Engineer	Consult Partners/Engineer	Assist Landowner Implement Plan
7. Residential/Commercial Fertilizer/Pesticide Use (BMPs)			
Task A - Home Asyst, Lake Asyst, etc.	Facilitate MSUE Activity Increase	Facilitate MSUE Activity Increase	Facilitate MSUE Activity Increase
Task B - Update NRCS Plans	Consult Farmers	Update Farmer's Plans	Update Farmer's Plans
Task C - Implement Farm Bill	Consult Farmers	Pursue Funding	Implement Plan
7. Residential/Commercial Fertilizer/Pesticide Use (I/E)			
Task 1 - Lawn Care Education/Information	Develop, Distribute I/E Media	Host Workshop	Develop, Distribute I/E Media
Task 2 - Consultation with Landscapers	Consult Vendors/Materials	Host Vendor Workshop	Monitor Activity
8. Failing On-site Septic Systems (BMPs)			
Task A - CZARA 6217 Recommendations	Consult OSS Landowners	Develop Landowner Plans	Evaluate Effectiveness
Task B - Consult CCHD for OSS Alternatives/Installation	CCHD Consultation/Research	Develop Test Home	Evaluate Effectiveness
Task C - Municipal Wastewater Expansion Feasibility	Consult City Officials	Develop Feasibility Study	Complete Feasibility Study
8. Failing On-site Septic Systems (I/E)			
Task 1 - Develop OSS I/E	CCHD Consultation/Research	Develop, Distribute I/E Media	Develop, Distribute I/E Media
Task 2 - Municipal Wastewater Expansion Feasibility	Consult City Officials	Develop Feasibility Study	Complete Feasibility Study
9. Monitoring (BMPs)			
Task A - GLEAS 51	Survey All Sites	Survey All Sites	Survey All Sites
Task B - Beach Monitoring	Survey All Sites	Survey All Sites	Survey All Sites
Task C - GIS/Map Natural Features Inventory	Partner Consultation/Planning	Perform Inventory	Complete Inventory/Map
Task D - Analyze Air Quality-ITC		Consult ITC/Distribute Information	Distribute Information
Task E - On line Database	Contractor Consultation	Develop Database	Complete Database
Task F- Coastal Wetlands Inventory	Approve Project QAPP	Survey All Sites	Complete Project
Task G - Monitor Riparian Land Use	Create Baseline Land Use Map	Monitor Changes	Monitor Changes
Task H - Compile/Organize Partner Data		Compile/Organize Data	Compile/Organize Data
Task I - Support Fisheries Monitoring	Consult Partners	Develop Fisheries Criteria	Develop Fisheries Criteria
Task J - Evaluate BMPs	Confirm Evaluation Strategy	Monitor BMPs	Monitor BMPs

9. Monitoring (I/E)			
Task 1 - Implementation Plan Outreach	Develop, Distribute I/E Media	Develop, Distribute I/E Media	Develop, Distribute I/E Media
Task 2 - Host/Manage Website	Develop Website	Host Website	Host Website
Task 3 - BPAC Summit	Host Workshop	Host Workshop	Host Workshop
Task 4 - Project Signage	Develop/Plan Project Signage	Install Signage	Install/Maintain Signage
Task 5 - On line database	9E	9E	9E
Task 6 - Develop and Distribute Social Survey	Develop Survey/Approve QAPP	Distribute Survey and Evaluate	Public Outreach
Task 7 - Distribute Management Plan	Print Plan/Presentations	Public Presentations	Public Presentations
10. Desired Uses (BMPs)			
Task A - Open Space Initiative	1A	1A	1A
Task B - Assist Low Impact Parks	Develop Needs Assessment	Solicit Funding	Solicit Funding
10. Desired Uses (I/E)			
Task 1 - Host Natural Area Tours	Host Tour	Host Tour	Host Tour
Task 2 - Project Video	Video Planning/Filming	Distribute/Show Video	Distribute/Show Video