



**SCHEDULE OF ACTIVITIES TO IMPLEMENT LWRM PLAN**

**LAND CONSERVATION AND SUSTAINABILITY**

Progress Table

Goal 2. Develop and administer conservation programs that preserve the land, support sustainable production, provide biodiversity, and protect the natural ecology.	2019				2020				2021				2022				2023															
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4												
<p><b>Objective 1. Actively support the economic viability &amp; sustainability of existing agricultural operations, the local ag economy, &amp; rural communities.</b></p> <ul style="list-style-type: none"> <li>Establish structured &amp; ongoing communication with the Chippewa Co. Economic Development Corp. to identify &amp; support economic development opportunities for agricultural producers, processors, &amp; related business enterprises</li> <li>Working in association with local ag organizations &amp; processors, ag org., UWEX &amp; CCEDC, define &amp; implement project initiatives that seek to assure a diverse mix of ag operations that are scaled to provide local job opportunities, maintain &amp; support local ag economy, &amp; sustain rural communities</li> <li>Actively explore &amp; support initiatives that maintain existing family-owned operations &amp; agri-businesses, establish local food to table markets, encourage farm-based renewed energy production, &amp; encourage cooperative development &amp; business ventures</li> <li>Develop a pilot project working through ag producers in an established Agricultural Enterprise Area (AEA) to meet a defined community need &amp; agricultural business objective</li> <li>Develop &amp; implement pilot project(s) to evaluate emerging technology that can be applied to optimize inputs, limit env. concerns, &amp; sustain crop production (irrigated &amp; non-irrigated)</li> </ul>		⊗				⊗																										
<p><b>Objective 2 - Support the efforts of individual landowners, private nonprofit conservation organizations, &amp; local municipalities to protect farmland &amp; to preserve productive "working lands" under WI Stats., Chapter 91.</b></p> <ul style="list-style-type: none"> <li>Actively support the efforts of landowners &amp; agricultural producers who petition to develop &amp; implement an Agricultural Enterprise Area (AEA) or who seek to participate in Farmland Preservation Zoning under WI Stats., Chapter 91</li> <li>Provide technical &amp; administrative support to landowners &amp; agricultural producers who enter farmland preservation contracts or who participate in Farmland Preservation Zoning to meet State program requirements                             <ul style="list-style-type: none"> <li>-Conduct NR151 farm evals &amp; provide tech services to all new &amp; existing program participants</li> <li>-Conduct annual reporting &amp; certification process to verify landowner compliance</li> </ul> </li> </ul>	⊗				⊗				⊗				⊗				⊗				⊗											
<p><b>Objective 3. Administer the WI CREP Program to establish stream &amp; wetland buffers. Assess program options for continued Co. administration under the WI CREP Program.</b></p> <ul style="list-style-type: none"> <li>Maintain &amp; expand an annual buffer evaluation &amp; maintenance program to assure contract compliance &amp; to assist landowners to maintain the biodiversity &amp; enviro function of buffers</li> <li>With DATCP &amp; FSA, explore USDA program options to establish special area designation to facilitate expanded program functions as targeted to watersheds with poorly defined drainage patterns located east of the Chippewa River</li> <li>With DATCP &amp; FSA, explore USDA program options to allow periodic mowing &amp; harvest of perennial hay to control woody vegetation, maintain grassland habitat cover, &amp; remove nutrients</li> </ul>	⊗				⊗				⊗				⊗				⊗				⊗											

**LAND CONSERVATION AND SUSTAINABILITY**

Goal 2. Develop and administer conservation programs that preserve the land, support sustainable production, provide biodiversity, and protect the natural ecology, con't.	2019				2020				2021				2022				2023			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<p><b>Objective 4. Encourage biodiversity &amp; sustainable ag., forest &amp; biomass production on private lands by providing tech. assistance &amp; conservation program services to landowners.</b></p> <ul style="list-style-type: none"> <li>●Administer educational services, technical services, &amp; financial incentives to ag producers through state/federal ag conservation &amp; nonpoint pollution control programs</li> <li>●Administer ed services, technical services, &amp; financial incentives to woodland producers through local producer networks, woodland mngt orgs, &amp; state/federal forestry programs</li> <li>●Provide tech services to the owners &amp; operators of non-metallic mine sites, abandoned mines, &amp; brown fields to reclaim disturbed sites &amp; achieve productive &amp; sustainable end land uses</li> </ul>	⊗				⊗				⊗				⊗							
<p><b>Objective 5. Support the efforts of major farm &amp; forestry org. &amp; public agencies to develop &amp; pursue market-based mechanisms to sequester carbon increase soil organic matter, improve water quality and mitigate climate change, as part of ongoing go &amp; forestry operations, including efforts to compile, market, &amp; monitor carbon or water quality credits</b></p>	?																			
<p><b>Objective 6. Support the efforts of individual landowners, private nonprofit conservation orgs. &amp; municipalities to preserve unique lands with high public &amp; environmental value.</b></p> <ul style="list-style-type: none"> <li>●Actively administer &amp; maintain the Chippewa Co. Stewardship Program to support the acquisition of land and/or conservation easements by municipalities or nonprofit orgs for conservation purposes</li> <li>●Initiate project to increase public awareness of the "Living Land Endowment" as an established agency directed endowment of the Chippewa Co. Community Foundation, to encourage &amp; facilitate co. giving to support public acquisitions of land with high natural, eco or scientific value</li> <li>●With private, nonprofit conservation orgs, define the location of high priority conservation areas having significant public value or unique ecological significance</li> <li>●In cooperation with nonprofit conservation organizations, maintain a wild lakes registry for undeveloped lakes as a companion to the WI Scientific &amp; Natural Areas Program</li> </ul>	⊗			X	⊗				⊗				⊗				⊗			
<p><b>Objective 7. Encourage land conservation &amp; biodiversity through use of corridor initiatives.</b></p> <ul style="list-style-type: none"> <li>●Work in assoc. with local landowners, US Park Service, Ice Age Council, &amp; Chip. Co. Chapter of the Ice Age trails to plan &amp; establish the location of the Natural Ice Age Trail corridor</li> <li>●Work in conjunction with the WDNR and interested landowners to determine the feasibility of est. environmental corridor linking McCann Ck. Fishery Area to the Nature Ice Age Scien. Rsv.</li> </ul>			X		X	X														
<p><b>Objective 8. Encourage &amp; support efforts to reclaim surface mined lands to native plant communities with high ecological value as wildlife habitat.</b></p> <ul style="list-style-type: none"> <li>●Develop &amp; expand working relationships with permitted nmm &amp; university researchers to est. test plots to demonstrate nmm reclamation processes &amp; establish reclamation test plots</li> <li>●Establish &amp; maintain a working relationship of ecological consultants to assist landowners restore, manage, &amp; maintain native plan communities on private lands</li> <li>●Establish &amp; maintain a working relationship with consultants &amp; the WDNR to provide controlled burn services on public &amp; private lands</li> </ul>	X																			

**LAND CONSERVATION AND SUSTAINABILITY**

Goal 2. Develop and administer conservation programs that preserve the land, support sustainable production, provide biodiversity, and protect the natural ecology, con't.	2019				2020				2021				2022				2023			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<p><b>Objective 9. Encourage biodiversity &amp; sustainable forest &amp; biomass production on public lands by supporting the efforts of the custodial agencies responsible for developing &amp; administering property management plans.</b></p> <ul style="list-style-type: none"> <li>●On co. forest lands managed by Chippewa Co., id areas of unique ecological significances &amp; apply the Co. Forest Plan to manage &amp; monitor these areas</li> <li>●On public lands managed by state agencies, actively participate in the public participation process used to develop &amp; periodically revise property management plans</li> <li>●Design, install, &amp; manage standardize interpretive signage at select units of the Co. Forest to system &amp; other public lands to raise awareness of physical site characteristics &amp; ecologic/environmental functions &amp; values</li> </ul>						X	X													
<p><b>Objective 10. Protect &amp; buffer the existing public land base by pursuing cons. easements or fee title purchase options on select parcels located within &amp; immediately adjacent the designated blocking boundaries of public forests, parks, or conservation management areas.</b></p> <ul style="list-style-type: none"> <li>●Implement a project to identify select parcels of high environmental or ecologic value located within or adjacent public land management areas</li> <li>●Contact landowners to explain options for permanent resource protection through use of conservation easements or fee title sale</li> </ul>						X	X					X								
<p><b>Objective 11. Support efforts by public agencies &amp; nonprofit conservation organizations to inventory &amp; control upland &amp; aquatic invasive species on public &amp; private land.</b></p> <ul style="list-style-type: none"> <li>●Participate in information exchange &amp; networking opportunities through the Lower Chippewa Invasive Partnership to raise public awareness, monitor, &amp; control upland invasive species.</li> <li>●Support efforts by individuals, lake organizations, &amp; local municipalities to inventory, monitor, &amp; control aquatic invasive species</li> <li>●Working through the Chippewa Co. Forest Comprehensive Land Use Plan &amp; land mgnt. program, further develop &amp; continually refine efforts to control upland &amp; aquatic invasive species on land managed as part of the Chippewa Co. Forest system</li> <li>●Working through the DOA, Facilities &amp; Parks Division, develop &amp; refine efforts to control upland &amp; aquatic species on land managed as part of the Co. Parks system</li> </ul>	⊗																			
<p><b>Objective 12. With WDNR &amp; interested non-profit conservation organizations, develop a community-based habitat improvement &amp; access program to expand public hunting, fishing, trapping, &amp; outdoor recreation uses on private lands.</b></p>																				
<p><b>Objective 13. Working with interested landowners &amp; farm operators, encourage &amp; facilitate the use of standardized cons. leases to provide economic stability to assist landowners to meet agricultural performance standards for cropland &amp; to improve soil health.</b></p>																				

**WATER CONSERVATION**

Goal 3. Develop, support, and implement water conservation programs to maintain current aquifer volumes and to protect the county's drinking water supply.	2019				2020				2021				2022				2023			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<p><b>Objective 1. Develop &amp; implement soil &amp; water conservation programs that protect wetlands, restore hydrology &amp; improve stormwater storage capacity, soil infiltration &amp; grdwtr recharge</b></p> <ul style="list-style-type: none"> <li>•Develop a small watershed project proposal to restore natural hydrology by implementing cropping systems &amp; structured practices to improve groundwater recharge in select watersheds where infiltration has been reduced as a result of non-metallic mining</li> <li>•Develop &amp; support project proposals &amp; local, state, &amp; federal initiatives to protect, restore, &amp; enhance wetlands</li> </ul>											X									
<p><b>Objective 2. Maintain &amp; expand the utility of groundwater quantity &amp; groundwater quality programs conducted to maintain the Chippewa Co. Groundwater Inventory</b></p> <ul style="list-style-type: none"> <li>• Routinely administer &amp; compile data to support the contributing components of the Chippewa Co. Groundwater Inventory</li> <li>• Establish &amp; actively maintain the groundwater index monitoring network to continuously monitor annual groundwater chemistry at representative wells located throughout the co.</li> <li>• With WDNR, evaluate the feasibility &amp; develop formal agreements to exchange water quality info. generated through state well sampling &amp; well permit locations generated through co. well permitting</li> </ul>	⊗				⊗				⊗				⊗				⊗			
<p><b>Objective 3. Upgrade &amp; actively maintain the Co.'s newly developed groundwater monitoring network to remotely monitor &amp; record groundwater elevations &amp; assoc. stream baseflow conditions at representative locations throughout the county.</b></p> <ul style="list-style-type: none"> <li>•Complete&amp; actively maintain the existing Wellntel network, as est. at select well locations to continuously monitor groundwater elevations</li> <li>•Compile &amp; post existing groundwater elevation monitoring data to extend the record of groundwater monitoring &amp; to document fluctuations through time</li> <li>•Develop a project design &amp; grant proposal to further refine, enhance, &amp; improve the utility of the monitoring network by linking groundwater elevation monitoring to stream baseflow monitoring &amp; gauged stream locations</li> </ul>			X				⊗									X				
<p><b>Objective 4. Actively encourage &amp; support the development of water conservation programs to maintain public &amp; private water supplies.</b></p> <ul style="list-style-type: none"> <li>• Distribute, actively apply, &amp; support the use of USGS ModFlow Groundwater Model that has been created to evaluate high capacity wells in Chippewa Co.</li> <li>•Contact municipalities to determine the status of wellhead protection programs and to determine any municipal concerns or interests</li> <li>• Support the efforts of municipalities that implement wellhead protection planning projects</li> </ul>			X	X		X														



**NONPOINT SOURCE WATER POLLUTION CONTROL**

**Goal 4. Develop & administer nonpoint sources of water pollution control programs to pursue state and local water quality objectives.**

**Objective 1. Administer the NR151 agricultural nonpoint source pollution control performance standards on a co.-wide basis, using authority of WI Stats. 59, 92, 281, & Admin Rules NR 115, NR 243, NR 151 & ATCP 50.**

- Assess interest on behalf of the major farm org. to implement an educational outreach project to inform ag producers, rural landowners, & general public about agriculture & the ag performance standards & the co.'s program to administer them
- Systematically schedule & conduct site specific farm walkovers & farm evaluations on priority farms to explain the ag performance standards & prepare written reports that doc the extent of current compliance
- Admin voluntary farm evaluation & certification program following the practices & mngt approach established in this plan
- Implement a well-defined co. regulatory framework to enforce NR151 standards
- Actively participate in WI WPDES permitting process for livestock facilities administered by DNR under NR 243 or NR 151

**Objective 2. Support efforts of crop & livestock producers, their agronomic service providers, & associated certified crop advisors, to develop, implement, & maintain nutrient mngt plans that meet the WI NRCS Technical Guide 590 standards.**

**To support nutrient mngt plan development by private sector consultants:**

- Conduct farm walkovers to identify soil & water conservation needs & objectives
- Gather information on current soil testing, cropping, & nutrient mngt procedures to create baseline information in selected field record keeping format, compatible with prescribed nutrient mngt software (SNAP Plus Map or state approved alternative)

**To support ongoing plan implementation & quality control:**

- Encourage direct involvement by individual crop & livestock producers as annual plan updates are prepared by state certified crop advisors
- Compile, review, & maintain a record of all annual plan updates & submittals. Track & monitor cropland field erosion rates, soil organic material, & cropland field & farm weighted average phosphorus index values
- Arrange & participate in a state & local quality control program using a system of annual farm spot checks to assure compliance with WI Admin. Rules, co. ord., & co., state or Fed contracts
- With UWEX, sponsor annual meeting of all certified crop advisors, consultants, custom manure & fertilizer applicators, & other agronomic service providers who provide nutrient & pest mngt services to ag producers

2019				2020				2021				2022				2023			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		X																	
⊗																			
⊗																			
⊗				⊗				⊗				⊗				⊗			
⊗				⊗				⊗				⊗				⊗			
⊗																			
⊗																			
⊗																			
⊗																			
				⊗				⊗				⊗				⊗			





**PUBLIC EDUCATION AND COMMUNITY OUTREACH**

**Goal 6. Facilitate Public Education and Community Outreach.**

**Educational Service Delivery**

**Objective 1. Use the structure of existing educational institutions & community organizations to deliver the community outreach & educational programs to pursue natural resource management & program objectives.**

- Create and implement Agricultural Agency Education Coordinating Council to:
  - Facilitate structure communication & develop & oversee the implementation of an annual interagency soil & water conservation education workplan
- Expand working relationships with youth-based community orgs to provide opportunities for environmental education & civic engagement
- Establish working relationships with public education institutions (K-12) to inventory, customize, & support programs that focus on earth, biological, & agricultural sciences
- Maintain & expand working relationships with post-secondary education institutions (technical college, UW system) to sponsor applied research, special environmental studies, & opportunities for student internship

**Community Outreach**

**Objective 1. Develop institutional framework and management structure to further engage citizen volunteers, civic organizations, & youth to pursue resource management program objectives**

- Apply existing program LCFM Forest & Trails Div. framework to recruit, train, & mng volunteers
- Conduct needs assessment to evaluate LCFM staff & conservation organization capacity to expand community engagement
- Evaluate the "Rusk County Volunteer Challenge" model to determine concepts that may transfer
- Explore the feasibility of establishing a working arrangement with the co. court system to provide opportunities for conservation-based community service projects for troubled youth or for low risk non-violent offenders

2019				2020				2021				2022				2023			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
	X				⊗				⊗				⊗				⊗		

Note 1: Activities to pursue program objectives are prioritized for implementation, as placed on the quarterly project schedule. Higher priority initiatives and activities for 2019-2021 are highlighted and denoted with an X symbol.

Note 2: ⊗ Ongoing action items implemented throughout the year.

Note 3: ? Symbol depicts unknown scheduling of or initiative, or activity is fully contingent upon expressed interest & commitment provided by a cooperating organization or agency.