Table 7.

SCHEDULE OF ACTIVITIES TO IMPLEMENT LWRM PLAN

7/25/18

Workplan Schedule
Rev. 9/9/14

ENERGY CONSERVATION & WASTE REDUCTION

Goal 1 - Develop, support and advance county initiatives that conserve energy & reduce waste, and serve as a catalyst for broader community efforts to conserve energy, limit carbon emissions, and increase renewable energy production.	2015				2016				2017				2018				2019			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Objective 1 - Develop and implement a county energy conservation program for county operations.																				
•Consider and adopt county energy conservation plan. •Apply the plan to systematically record and monitor energy use and to identify, select anc implement energy conservation projects. •Establish energy conservation education and outreach program to inform the public and other municipalities of energy conservation savings and opportunities.	⊗				⊗				⊗				⊗				⊗			
Objective 2 - Encourage alternative energy production that uses wind, waste stream bi-products, or biomass generated from agricultural or forestry operations.																				
•Design and implement pilot project to determine the feasibility of using local bio-mass as a fuel source for local heat, fuel, or electrical energy production.			X																	
•*Design and implement a pilot project to evaluate the production and use of perennial grasses and/or woody biomass as sustainable sources of biomass for the production of cellulosic ethanol and other derived products.			X																	
-Assess interest by local energy companies, farm organizations, and Agricultural Enterprise Areas (AEA's) to evaluate and secure feedstocks from local forest and agricultural sources.					X															
•Design and implement pilot project to determine the feasibility of producing renewable electrical energy from distributed sources, including manure digesters and small-scale farmstead-based wind generators.													X							
-Assess interest by local electrical utilities and farm organizations to explore and evaluate technology.														X						
-Prepare a project proposal that includes funding and site selection.																X				
Objective 3 - Develop and administer recycling and solid waste management programs that reduce, reuse, and ensure the proper disposal of waste materials.																				
•Maintain role as Responsible Unit Coordinator for municipalities.	⊗				⊗				⊗				⊗				⊗			
•Conduct a benchmark study to evaluate the effectiveness of current household and institutional recycling programs; and to evaluate the cost efficiency of existing Materials Recovery Facilities (MRF's) in Chippewa County.																				
-Research and compile information on existing facilities.																				
-Develop RFP to prepare a cost/benefit analysis on the feasibility of maintaining and expanding municipal-owned MRF's.		X																		
•Design and implement a project to collect and market office paper from all public and county-owned facilities.																				
•Systematically enforce the Chippewa County Recycling Ordinance to assure compliance at all public facilities including public parks, campgrounds, ball fields and facilities.																				

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.	2015				2016				2017				2018				2019			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Objective 1. Support the efforts of individual landowners, private nonprofit conservation organizations, and local municipalities to preserve productive "working lands".																				
•Actively administer and support landowner participation in the WI Farmland Preservation Prog.		⊗				⊗				⊗				⊗				⊗		
-Conduct NR151 evaluations and provide technical services to all new and existing program participants.																				
-Conduct annual reporting and certification process to verify landowner compliance.																				
•Develop and implement a "working lands" pilot project to evaluate and advance County options for farmland protection and economic development.					X															
-Prepare a project proposal through the Wis. Working Lands Initiative to define the scope, purpose, and means to evaluate a pilot project.																				
-Prepare and enter 66.03 municipal agreements and M.O.U.'s with participating municipalities and public agencies.							X													
-Prepare and submit project budget and grant proposals.								X												
•Revise and update the Chippewa County Farmland Plan in association with State efforts to update WI Stats. 91 and the State Farmland Preservation Program.	X																			
-Identify the location, size and boundaries of working land conservation areas through use of Town or county-based planning processes, and landowner registries.																				
Objective 2. Support the efforts of individual landowners, private nonprofit conservation organizations, and municipalities to preserve unique lands with high public value, or those that contain threatened or endangered species.																				
•Actively administer and maintain the Chippewa County Stewardship Program to support the acquisition of land and/or conservation easements by municipalities or nonprofit organizations for conservation purposes.	⊗				⊗				⊗				⊗				⊗			
•*Actively administer and maintain the Chippewa County Forest Land Acquisition Program to support the direct purchase of land located in and adjacent the County Forestry blocking boundary for forest production, resource conservation, and public use.	⊗				⊗				⊗				⊗				⊗			
•Develop and enter working agreements between the county and nonprofit conservation org. to clarify appropriate roles and responsibilities with regard to land and easement acquisition and ongoing custodial management.			X																	
•With private, nonprofit conservation organizations, define the location of high priority conservation areas having significant public value or unique ecological significance.						X														
•In cooperation with nonprofit conservation organizations, maintain a wild lakes registry for undeveloped lakes as a companion to the Wisconsin Scientific and Natural Areas Program.									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, cont.	2015				2016				2017				2018				2019			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Objective 3. Encourage biodiversity and sustainable agriculture, forestry, and biomass production on private lands by providing technical assistance and conservation program services to landowners.																				
•Support the efforts of major farm and forestry organizations to compile, market, and monitor carbon credits as part of sustainable operations.																				
•Administer educational services, technical services, and financial incentives to agricultural producers through State/Federal agricultural conservation and nonpoint pollution control programs.		⊗				⊗				⊗				⊗				⊗		
-With Chippewa Co. Extension, design and implement an educational outreach project, directed to agricultural producers who irrigate.					X															
-With Chippewa Co. Extension and NRCS, design and implement an educational outreach project, including test plot trials, directed to evaluate and accelerate the use of cover crops.					X															
•Administer educational services, technical services, & financial incentives to woodland producers through local producer networks, woodland management organizations, and State/Federal forestry programs.		⊗				⊗				⊗				⊗				⊗		
•Provide technical services to the owners and operators of non-metallic mines, abandoned mines, and brown fields to reclaim disturbed sites and achieve end land uses that are productive and sustainable.																				
-*Implement and evaluate a five (5) year pilot project with UWRF & cooperating mining co.'s to demonstrate & evaluate non-metallic mine reclamation using reclamation test plot trials.	X																			
•Administer the Wisconsin Conservation Reserve Enhancement Program (CREP) to establish stream and wetland buffers.	⊗				⊗				⊗				⊗				⊗			
Objective 4. Encourage biodiversity & sustainable forest and biomass production on public lands by supporting the efforts of the custodial agencies responsible for developing and administering property management plans.																				
•On county forest lands managed by Chippewa County, identify areas of unique ecological significance and apply the County Forest Plan to manage and monitor these areas.					X															
•On public lands managed by State agencies, actively participate in the public participation process used to develop and revise management plans.																				
Objective 5. Protect and buffer the existing public land base by pursuing conservation easements, or fee title purchase options on select parcels located within and immediately adjacent the designated blocking boundaries of public forests, parks, or conservation management areas.																				
•Develop and implement a project to identify select parcels of high environmental or ecologic value located within or adjacent public land management areas.					X															
-Contact landowners to explain options for permanent resource protection through use of conservation easements or fee title sale.								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, cont.	2015				2016				2017				2018				2019			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Objective 6. Support efforts by public agencies and nonprofit conservation organizations to inventory and control invasive species (upland and aquatic), and pursue land & stream management objectives.																				
•Participate in information exchange and networking opportunities to raise public awareness and monitor invasive species populations.																				
•*Design and implement a project to inventory, monitor, and control invasive species (aquatic & terrestrial) on parcels (public & private) located within and adjacent the Chippewa Co. Forest blocking boundary, and on publically owned parcels managed as part of the Co. Forest system or County Parks system.					X															
•*Establish a network of representative lakes to monitor lake water quality, vegetation, and biologic condition.									X											
-*Assess interest by DNR & Lake Associations to develop project framework & agreements for data collection & monitoring.																				
Objective 7. *Develop communication networks & institutional capacity to better facilitate resource management & conservation decision making by municipalities and community orgs.																				
•*Design & implement a standing educational program to provide ongoing conservation awareness and leadership training to farm, lake, and non-profit conservation organizations.		X																		
-With stakeholder representation, assess needs and develop pilot project design.																				

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.	2015				2016				2017				2018				2019			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Objective 1. Develop and implement conservation programs that protect wetlands, restore natural hydrology and drainage, and improve store water storage capacity, soil infiltration and groundwater recharge.																				
•*Implement and evaluate a five (5) year research project with WGNHS, USGS, and cooperating. mining companies and irrigators to evaluate the impacts of expanded non-metallic mining and irrigation in western Chippewa County.	X																			
•Administer and support programs to protect, restore, and enhance wetlands.																				
•Develop a project proposal to restore natural hydrology and create depressions for groundwater recharge.																				
-Identify areas or compile existing locations of groundwater recharge.																				
-Develop project outline and budget to restore or enhance natural hydrology; include permanent protection options.																				
•Develop a project proposal to explore the costs and benefits of establishing a county-based wetland mitigation bank.					X															
Objective 2. Establish a groundwater, lake, and stream base flow monitoring program to record & monitor groundwater & associated surface water elevations at representative locations throughout the county to support local needs.																				
•*Design and implement a project to establish permanent benchmark monitoring sites that augments existing state and federal monitoring networks using local measurements and/or remote sensing.					X															
Objective 3. Actively encourage and support the development of water conservation programs to maintain public and private water supplies.																				
•Support the efforts of municipalities that implement wellhead protection planning projects and programs.																				
•Develop a project design &d grant proposal to develop a model municipal water conservation plan that could be readily applied to other municipalities.																				
-Solicit interest from cities and villages that provide municipal water.																				
-Prepare project proposal that includes timeline and budget.																				
-Work with select municipality on implementation of pilot project.																				

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, cont..	2015				2016				2017				2018				2019			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Objective 4. Improve the county's capacity to monitor changes in groundwater quantity and groundwater chemistry using existing well permitting and drinking water testing programs.																				
•Maintain the existing Chippewa County Groundwater Inventory and Monitoring program.	⊗				⊗				⊗				⊗				⊗			
-*Document and codify into County Ordinance the existing administrative procedures and processes used to maintain the Chippewa Co. Groundwater Inventory & Well Permitting Program.			X																	
-Develop & implement a project design for a county-wide groundwater sampling project using a subset of 1985 &2007 inventory sample points, to assess current and long-range trends as they affect the rural water supply.	X				X															
-For public water supply wells routinely sampled by the county, create a GIS data base that matches well locations to existing water quality records; GPS the location of wells currently sampled; maintain the record as part of the Chippewa Co. groundwater inventory.					X															

NONPOINT SOURCE WATER POLLUTION CONTROL

Goal 4. Develop and administer nonpoint sources of water pollution control programs to pursue State and local water quality objectives.	2015				2016				2017				2018				2019			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Objective 1. Administer the NR151 agricultural nonpoint source pollution control performance standards on a county-wide basis, using authority of WI Stats. 59, 92, 281 & Administrative Rules NR115, NR243, NR151 AND ATCP 50.																				
•Assess interest on behalf of the major farm organizations to implement an educational outreach, project to inform ag producers, rural landowners and the general public about the performance standards and the county's program to administer them.																				
•Administer a voluntary farm evaluation and certification program following the practices and management approach established in this plan.																				
•Implement a well-defined county regulatory framework to enforce the NR151 standards.	⊗				⊗				⊗				⊗				⊗			
-Evaluate and update the DNR/County MOU that clarifies the local/state regulatory framework, and the role of the county and state under NR243 permitting and enforcement authorities.		X																		
-*Evaluate and update Chippewa Co. Animal Waste Storage Ordinance to reference current State Administrative Rule & technical standards, clarify reporting requirements, and better define enforcement authority & procedures.						X														
•Actively participate in the Wisconsin WPDES Permitting Processes administered by DNR.																				
Objective 2. Administer the nonagricultural nonpoint pollution control performance standards on a county-wide basis using the authority of WI Stats. 92, 281 and Administrative Rules NR103, NR115 and NR 216.																				
•Review and revise the existing working agreement between Chippewa County and DNR as it applies to stormwater plan review in unincorporated areas, subject to NR216 permit requirements.		X																		
Objective 3. Administer a joint stormwater management program that meets EPA and NR216 stormwater permit requirements, with affected municipalities in the Chippewa Falls Urban Area to meet requirements of WPDES Permit #WI-WO50121-1.																				
•Administer components of the joint program following process and commitments defined in the stormwater plan and Chapter 66.03 agreement between Chippewa County, the Village of Lake Hallie, and the Towns of Eagle Point and Lafayette.		⊗				⊗				⊗				⊗				⊗		

NONPOINT SOURCE WATER POLLUTION CONTROL

Goal 4. Develop and administer nonpoint sources of water pollution control programs to pursue State and local water quality objectives, cont..	2015				2016				2017				2018				2019			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Objective 4. Support State efforts to pursue water quality objectives through the development and implementation of TMDL limits in designated EPA 319 watersheds.																				
•Participate in a DNR sponsored effort to implement TMDL's that have been developed for the Little Lake Wissota Watershed.																				
-*With Jacob Leinenkugel Brewing Co., extend and further implement the Little Lake Wissota Stewardship Project as a bridge to a full TMDL implementation project.	X																			
-Develop a TMDL watershed implementation plan to establish a project time frame, roles and responsibilities, anticipated costs, funding commitments and measures of performance.													X							
-Develop and enter formal working agreements and service contracts with participating municipalities and funding agencies.																	X			
•Participate in a DNR sponsored TMDL planning process to develop TMDL's for Moon Bay of Lake Wissota and Otter Lake.																				

PLANNING AND ENVIRONMENTAL REGULATION

Goal 5. Facilitate community-based land use planning, and develop and administer local ordinances that address local needs and augment the community's voluntary conservation efforts.	2015				2016				2017				2018				2018			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Objective 1. Track the location & rate of new development in unincorporated areas using approved subdivision plats, certified survey maps, and new well permits.																				
•Maintain the existing Chippewa County Groundwater Inventory and well permitting program.	⊗	✓			⊗	✓			⊗	✓			⊗	✓			⊗			
•Establish and implement a land division mapping and tracking procedures to monitor the location and rate of development in unincorporated areas of the county.																				
Objective 2. Provide opportunities for greater communication and cooperation in land use planning and land use regulation between the county, towns, cities, and villages.																				
•Sponsor periodic land use educational conferences to encourage communication and provide information of value to town and county officials.																				
Objective 3. Provide ongoing planning, administrative, and enforcement services to towns that participate in County Comprehensive Zoning, and to towns or other municipalities that have entered agreements or contracts for specified services.																				
•Provide information and educational support to towns regarding procedures to develop and implement town based comprehensive plans and ordinances.																				
•Provide information, educational support, and consultation to towns that have adopted comprehensive plans to assist them to develop, administer, and enforce local ordinances.																				

PLANNING AND ENVIRONMENTAL REGULATION

Goal 5. Facilitate community-based land use planning, and develop and administer local ordinances that address local needs and augment the community's voluntary conservation efforts.	2015				2016				2017				2018				2019			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Objective 4. Systematically review and update selected county land use and environmental ordinances to be consistent with the County Comprehensive Plan, and State Administrative Rule changes.																				
•Initiate a "comprehensive revision" to the County Comprehensive Zoning Ordinance. -Set schedule; formally notify all towns of revision process (WI Stats. 59.69(5)). -Finalize pallet of standardized zoning districts, seek town comment. -Assist towns to select districts to be applied within its jurisdiction. If necessary, customize the selected districts for each town to create a unique pallet for the town. -Assist towns to develop and submit a revised town zoning map which will define which districts are proposed for which locations. -Hold public hearings. -From those now participating in the County Comprehensive Zoning, accept town request for adoption or dismissal within the statutory review period.	?																			
•Develop a Storm Water Management and Construction Site Erosion Control Ordinance to meet requirements of the Chippewa Falls Urban Area Permit, #WI-SO50121-1.		X ✓																		
•Evaluate and revised the County Recycling Ordinance and Litter Ordinance.																				
•Evaluate and revise the County Non-Metallic Mining Reclamation Ordinance.	X																			
•Evaluate and revise the County Animal Waste Mgt. Ordinance to reflect changes in NR151 and ATCP 50.					X															
•Develop a revised Shoreland Zoning Ordinance to meet local needs and to reflect changes in NR115.																				

Note 1: Activities to pursue program objectives are prioritized for implementation, as placed on the quarterly project schedule. High priority initiatives for 2014-19 are highlighted and denoted with an X symbol.

Note 2: ⊗ Symbol depicts ongoing action items implemented throughout the year.

Note 3: * Symbol depicts objectives or activities added as part of the 2009 Land & Water Plan, update in 2014.

Note 4: With regard to product deliverables associated with the DATCP Soil and Water Resource Management grant program, conduct activities in the CREP program contract as necessary to pursue the Wisconsin/USDA CREP program agreement. The County's commitment will be pursued within the limits of available State funding.

Note 5: With regard to product deliverables associated with the DATCP Soil and Water Resource Management grant program, conduct NR151 evaluations and seek full farm compliance on operations following priorities established in Section 6.52. The County's commitment will be pursued within the limits of available State funding.

✓ = Completed Activity