

Table 1

**A LISTING OF RESOURCE-BASED MANAGEMENT PLANS
FOR AREAS OF CHIPPEWA COUNTY
PREPARED BY PUBLIC AGENCIES**

Type of Plan	Responsible Agency	Date of Plan
Land Resource- Based Plans		
Chippewa County Farmland Preservation Plan	LCD	1985
Chippewa County Erosion Control Plan	LCD	1993
Chippewa County 10 Year Forest Plan	FPD	2007
Chippewa County Outdoor Recreation Plan	FPD	2008
Water Resource-Based Plans, Studies, Inventories		
Surface Water Inventory of Chippewa County	DNR	1963
Chippewa/Eau Claire Urban Area Sewer Service Plan	WCWRPC	1985
Duncan Creek Priority Watershed Plan	DNR/LCD	1995
Lower Chippewa River Basin Water Quality Mgt Plan	DNR	1996
Yellow River Nonpoint Source Pollution Inventory	LCD	1998
Hallie Water Quality Management Plan - Phase I	DNR	1999
Upper Chippewa River Basin Water Quality Mgt Plan	DNR	2000
Hallie Water Quality Management Plan - Phase II	DNR	2000
State of the Lower Chippewa River Basin Report	DNR	2001
Phosphorus Loading & Trophic Status of Lakes in the Yellow River Watershed	DNR	2004
Biotic Inventory of Native Plant Communities and Threatened/Endangered Resources	DNR/FPD	2006
Chippewa County Forest 15-Year Plan 2006-2020	DNR	2007
Pleistocene Geology of Chippewa County, WI	WGNHS	2007
Chippewa Falls Urban Area Storm Water Mgt Plan	LCD	2007
2007 Chippewa County Groundwater Inventory	LCD	2008
Little Lake Wissota WQ Modeling Study & TMDL Plan	DNR	2008
Chippewa County Flood Plain Map & Report	FEMA	2008
Phosphorus Loading Model for Lake Eau Claire & Altoona	UWSP	2008
Current Resource Inventories		
Little Lake Wissota Watershed Soil Test Inventory	LCD	2009
Chippewa Falls Urban Area Storm Water Facilities Cond Inv	LCD	2009

Table 2

**A PARTIAL LISTING OF DYNAMIC GIS-BASED RESOURCE INVENTORIES
AND DATA SETS MAINTAINED BY CHIPPEWA COUNTY**

Dynamic GIS Layers	Maintenance Responsibility
Ownership Management Units	
Tax parcel boundaries	Land Records
Aerial Imagery	
1995 Landsat	
1998 Irsic	
02, 04, 05, 06, 08 Aerial Image	USDA
Farmland Management	
Farmland Preservation tracts and parcels	LCD
USDA field and tract boundaries	USDA
Animal Waste Ordinance - manure storage sites	LCD
Animal Waste Ordinance - nutrient mgt. fields	LCD
NR151 Standard - evaluated parcels	LCD
Erosion monitoring - individual fields	LCD
Conservation Easements	
CREP	LCD
Stewardship	LCD
Non Point Source	LCD
Chippewa County Groundwater Inventory	
New well and replacement permits	LCD
Private well chemistry	LCD
Private well geology	LCD
County Ordinance Monitoring	
NR135 non-metallic mines	LCD
CF urban area storm water mgt - BMP's	LCD
Stormwater plan reviews	LCD
Wetlands	
WDNR wetlands	WDNR
NRCS wetlands	USDA
Forestry Land Use	
County Forest Land Forest Management Units	FPD
Natural Resource Features	
Perennial and intermittent streams	WGNHS
Drainageways	USDA
Lakes	WGNHS
Soils	USDA
Geology	WGNHS
Surface contours	WGNHS
Groundwater contours	WGNHS
Bedrock	WGNHS
Land cover	WDNR

Table 3

A Summary of Chippewa County Land Sales
Total Number of Annual Agricultural Land Sales and Percent Converted to Nonagricultural Use

Year	Total of all agricultural land			Agricultural land continuing in agricultural use			Agricultural land being diverted to other uses			The percent of agricultural land sold and converted to nonagricultural use
	No. of transactions	Acres sold	Dollars per acre	No. of transactions	Acres sold	Dollars per acre	No. of transactions	Acres sold	Dollars per acre	
1996	38	1503	480	29	1300	487	9	203	433	14%
1997	39	1893	599	30	1615	539	9	278	946	15%
1998	89	5877	1067	68	4826	1030	21	1051	1235	18%
1999	86	5010	1274	62	3893	1138	24	1117	1748	22%
2000	100	6050	1297	66	4638	1226	34	1412	1533	23%
2001	74	3727	1398	50	3046	1307	24	681	1807	18%
2002	86	4446	1732	52	2676	1627	34	1770	1889	40%
2003	84	5492	1598	56	4573	1460	28	919	2284	17%
2004	81	4961	1854	60	4386	1886	21	575	1610	12%
2005	52	2687	2464	35	1794	2178	17	893	3038	33%
2006	33	2573	1983	26	2149	1838	7	424	2718	16%
2007	34	2297	1790	31	2204	1672	3	93	4590	4%

Information obtained from Wisconsin Agricultural Statistics (1996-2007).
 Compiled by the Chippewa County Land Conservation Dept., 5/8/09

ACRES PLANTED/HARVESTED FOR CROPS IN CHIPPEWA COUNTY, WISCONSIN

Year	Corn Harvested for Grain	Corn Harvested for Silage	Total Corn Harvested	Soybeans Planted	Oats Planted	Alfalfa Harvested as Dry Hay	Other Hay Harvested as Dry Hay	Specialty Crops Plants	Milk Cows
1988	21,500	43,600	65,100	8,000	27,400	75,100	28,200	4,150	52,800
1989	49,300	21,900	71,200	7,250	26,300	82,000	20,900	3,770	52,800
1990	51,000	21,000	72,000	7,400	25,400	80,000	18,700	2,550	52,500
1991	54,400	17,400	71,800	9,600	20,900	81,000	13,800	3,050	50,000
1992	45,200	25,800	71,000	13,300	21,600	62,200	22,500	3,100	49,200
1993	37,700	26,800	64,500	9,900	20,800	60,000	25,500	3,100	46,500
1994	63,900	17,200	81,100	15,400	19,400	62,000	16,200	3,000	46,200
1995	61,800	15,900	77,700	12,700	18,300	62,200	16,400	3,100	47,000
1996	64,500	24,200	88,700	12,700	13,100	59,400	16,400	*1,900	46,000
1997	67,700	21,000	88,700	13,700	16,900	55,900	18,400	*1,600	45,000
1998	66,400	21,400	87,800	14,000	11,400	55,800	17,900	*2,000	42,000
1999	63,400	20,700	84,100	15,300	12,800	62,400	20,500	*2,200	42,500
2000	56,500	20,600	77,100	20,200	10,800	54,100	9,700	*1,900	39,500
2001	54,000	21,000	75,000	22,800	7,700	50,700	9,400	*1,300	35,000
2002	62,200	19,500	81,700	23,100	11,800	48,100	13,100	*1,700	33,700
2003	65,500	22,700	88,200	30,100	10,700	41,000	16,400	*1,400	33,500
2004	65,800	21,700	87,500	32,200	10,800	40,100	14,600	*1,800	33,000
2005	63,000	22,500	85,500	32,800	11,200	39,800	15,600	*1,600	33,000
2006	63,900	22,300	86,200	33,600	10,200	42,000	15,500	*2,100	33,000
2007	76,400	18,100	96,000	27,300	8,300	42,300	11,500	*1,700	32,500

Specialty crops include barley, winter wheat, snap beans, green peas, and sweet corn.

*Barley Only

Source: Wisconsin Agricultural Statistics, 1988 - 2006

Table 5

COUNTY PRIORITY FOR SERVICING LOCAL PROGRAMS

PRIORITY	PROGRAM	EXTENT OF COUNTY SUPPORT OR SERVICE
High		
	Land Conservation Program & Policy Implementation	Technical and administrative support
	Farmland Preservation & Working Lands Conservation	Technical and conservation planning
	Unique Land Conservation\County Stewardship Program	Conservation planning and local match grants
	Stream Corridor & Wetland Buffer Conservation Programs	Conservation planning and state grant distribution
	Coordinated Municipal Recycling Program (RU & Ord)	Technical assistance and state grant distribution
	Water Conservation & Pollution Control Services (reg)	Technical assistance and conservation planning
Medium		
	County Sponsored Recycling Collection Programs	Administrative assistance and local levy
	Chippewa Falls Urban Area Stormwater Program	Technical and administrative services
	Disturbed Land Reclamation Programs	Technical and administrative services
Low		
	Water Conservation & Pollution Control Services (vol)	Technical and planning services
	Community Outreach & Support for Water Access & Parks Improvement	Technical, planning and I/E services
	City of Chippewa Falls Recycling Program	Technical and administrative services
	highlighted = mandated program	

Table 6

**Local Priorities for Implementing Agricultural Nonpoint Standards
in Chippewa County
Based Upon Need and Type and Location of Practice**

RELATIVE PRIORITY	AGRICULTURAL STANDARD OR PROHIBITION
Highest Level	
	<ul style="list-style-type: none"> •Installation of stream and wetland buffers meeting FSA CREP buffer standards.
High Level	
	<ul style="list-style-type: none"> •NR151.08 - Manure Management Prohibitions <ul style="list-style-type: none"> -No unlimited livestock access to streams. -No overflow of manure storage facilities. -No unconfined manure pile in Water Quality Management Areas (WQMA) -No direct runoff from feedlot or stored manure. •NR151.05 - Manure Storage Facilities <ul style="list-style-type: none"> -New facilities to meet 313 siting and design standards. -New facilities operators to meet 590 nutrient management standards. -Closure of abandoned structures. •NR151.06 - Clean Water Diversions in Water Quality Management Areas <ul style="list-style-type: none"> -Runoff to be diverted from feedlots.
Medium Level	
	<ul style="list-style-type: none"> •NR151.05 - Manure Storage Facilities <ul style="list-style-type: none"> -Repair or replacement of failing and leaking facilities. •NR151.02 - Sheet, Rill and Wind Erosion <ul style="list-style-type: none"> -Control within water quality management areas.
Low Level	
	<ul style="list-style-type: none"> •NR151.02 - Sheet, Rill and Wind Erosion <ul style="list-style-type: none"> -Control outside of water quality management areas. •NR151.07 - Nutrient Management <ul style="list-style-type: none"> -Operators not associated with storage or WPDES permits.

Table 7.

SCHEDULE OF ACTIVITIES TO IMPLEMENT LWRM PLAN

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.	2010				2011				2012				
	1	2	3	4	1	2	3	4	1	2	3	4	
<p>Objective 1 - Develop and implement a county energy conservation program for county operations.</p> <ul style="list-style-type: none"> •Consider and adopt county energy conservation plan. •Apply the plan to systematically record and monitor energy use and to identify, select and implement energy conservation projects. •Establish energy conservation education and outreach program to inform the public and other municipalities of energy conservation savings and opportunities. 	X												
<p>Objective 2 - Encourage alternative energy production that uses wind, waste stream bi-products, or biomass generated from agricultural or forestry operations.</p> <ul style="list-style-type: none"> •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. •Design and implement a pilot project to determine the feasibility of producing renewable electrical energy from distributed sources, including manure digesters and small-scale farmstead-based wind generators. <ul style="list-style-type: none"> -Assess interest by local electrical utilities and farm organizations to explore and evaluate technology. -Prepare a project proposal that includes funding and site selection. 			X										
<p>Objective 3 - Develop and administer recycling and solid waste management programs that reduce, reuse, and ensure the proper disposal of waste materials.</p> <ul style="list-style-type: none"> •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. <ul style="list-style-type: none"> -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. •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. 	⊗	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.	2010					2011					2012			
	1	2	3	4		1	2	3	4		1	2	3	4
<p>Objective 1. Support the efforts of individual landowners, private nonprofit conservation organizations, and local municipalities to preserve productive "working lands".</p> <ul style="list-style-type: none"> •Actively administer and support landowner participation in the WI Farmland Preservation Program. <ul style="list-style-type: none"> -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. <ul style="list-style-type: none"> -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. -Prepare and submit project budget and grant proposals. •Revise and update the Chippewa County Farmland Plan in association with State efforts to update WI Stats. 91 and the State Farmland Preservation Program. <ul style="list-style-type: none"> -Identify the location, size and boundaries of working land conservation areas through use of Town or county-based planning processes, and landowner registries. 		⊗				⊗					⊗			
<p>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.</p> <ul style="list-style-type: none"> •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. •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. •With private, nonprofit conservation organizations, define the location of high priority conservation areas having significant public value or unique ecological significance. •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		⊗				⊗					
	X		X		X					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.	2010				2011				2012			
	1	2	3	4	1	2	3	4	1	2	3	4
<p>Objective 3. Encourage biodiversity and sustainable agriculture, forestry, and biomass production on private lands by providing technical assistance and conservation program services to landowners.</p> <ul style="list-style-type: none"> •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. •Administer educational services, technical services, and 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. •Administer the Wisconsin Conservation Reserve Enhancement Program (CREP) to establish stream and wetland buffers. 	⊗	⊗		⊗	⊗	⊗		⊗	⊗			⊗
<p>Objective 4. Encourage biodiversity and sustainable forest and biomass production on public lands by supporting the efforts of the custodial agencies responsible for developing and administering property management plans.</p> <ul style="list-style-type: none"> •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. •On public lands managed by State agencies, actively participate in the public participation process used to develop and revise management plans. 		?		⊗				⊗				⊗
<p>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.</p> <ul style="list-style-type: none"> •Implement a project to identify select parcels of high environmental or ecologic value located within or adjacent public land management areas. •Contact landowners to explain options for permanent resource protection through use of conservation easements or fee title sale. 						X			X			
<p>Objective 6. Support efforts by public agencies and nonprofit conservation organizations to inventory and control invasive species (upland and aquatic).</p> <ul style="list-style-type: none"> •Participate in information exchange and networking opportunities to raise public awareness and monitor invasive species populations. 			⊗			⊗					⊗	

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.	2010					2011					2012				
	1	2	3	4		1	2	3	4		1	2	3	4	
<p>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.</p> <ul style="list-style-type: none"> •Administer and support programs to protect, restore, and enhance wetlands. •Develop a project proposal to restore natural hydrology and create depressions for groundwater recharge. <ul style="list-style-type: none"> -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			⊗					⊗				
<p>Objective 2. Establish a groundwater and baseflow monitoring program to monitor and record groundwater elevations and associated stream baseflow conditions at representative locations throughout the county.</p> <ul style="list-style-type: none"> •Compile existing information of record to document historic groundwater elevations and fluctuations in local aquifers. •Develop a project design and grant proposal to install and maintain a monitoring network. 						X								X	X
<p>Objective 3. Actively encourage and support the development of water conservation programs to maintain public and private water supplies.</p> <ul style="list-style-type: none"> •Support the efforts of municipalities that implement wellhead protection planning projects and programs. •Develop a project design and grant proposal to develop a model municipal water conservation plan that could be readily applied to other municipalities. <ul style="list-style-type: none"> -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. 	⊗					⊗					⊗		X		

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.	2010				2011				2012			
	1	2	3	4	1	2	3	4	1	2	3	4
<p>Objective 1. Track the location and rate of new development in unincorporated areas using approved subdivision plats, certified survey maps, and new well permits.</p> <ul style="list-style-type: none"> •Maintain current Chippewa County well permit mapping and Chippewa County Groundwater Inventory GIS database. •Establish and implement a land division mapping and tracking procedures to monitor the location and rate of development in unincorporated areas of the county. 	⊗				⊗				⊗			
<p>Objective 2. Provide opportunities for greater communication and cooperation in land use planning and land use regulation between the county, towns, cities, and villages.</p> <ul style="list-style-type: none"> •Sponsor periodic land use educational conferences to encourage communication and provide information of value to town and county officials. 	?				?				?			
<p>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.</p> <ul style="list-style-type: none"> •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

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	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.	X	X										
•Evaluate and revise the County Non-Metallic Mining Reclamation Ordinance.	X	X										
•Evaluate and revise the County Animal Waste Mgt. Ordinance to reflect changes in NR151 and ATPC 50. (LCD/Zoning)						X						
•Develop a revised Shoreland Zoning Ordinance to meet local needs and to reflect changes in NR115.						X						

⊗Ongoing action items implemented throughout the year.

Note 1: Activities to pursue program objectives are prioritized for implementation, as placed on the quarterly project schedule. High priority initiatives for 2010 are highlighted.

Note 2: 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. The intended 2010-2012 product goals are 10-15 CREP contracts per year.

Note 3: With regard to product deliverables associated with the DATCP Soil and Water Resource Management grant program, conduct 10-20 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.

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			⊗				⊗					⊗	

LAND CONSERVATION AND SUSTAINABILITY

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<p>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.</p> <ul style="list-style-type: none"> •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. •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. •With private, nonprofit conservation organizations, define the location of high priority conservation areas having significant public value or unique ecological significance. •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		⊗				⊗					
	X		X		X				X					

LAND CONSERVATION AND SUSTAINABILITY

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<p>Objective 3. Encourage biodiversity and sustainable agriculture, forestry, and biomass production on private lands by providing technical assistance and conservation program services to landowners.</p> <ul style="list-style-type: none"> •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. •Administer educational services, technical services, and 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. •Administer the Wisconsin Conservation Reserve Enhancement Program (CREP) to establish stream and wetland buffers. 	⊗				⊗				⊗			
<ul style="list-style-type: none"> •Administer educational services, technical services, and financial incentives to agricultural producers through State/Federal agricultural conservation and nonpoint pollution control programs. •Administer educational services, technical services, and financial incentives to woodland producers through local producer networks, woodland management organizations, and State/Federal forestry programs. 		⊗			⊗					⊗		
<ul style="list-style-type: none"> •Administer educational services, technical services, and financial incentives to woodland producers through local producer networks, woodland management organizations, and State/Federal forestry programs. 		⊗			⊗					⊗		
<ul style="list-style-type: none"> •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. 				⊗				⊗				⊗
<ul style="list-style-type: none"> •Administer the Wisconsin Conservation Reserve Enhancement Program (CREP) to establish stream and wetland buffers. 	⊗				⊗				⊗			
<p>Objective 4. Encourage biodiversity and sustainable forest and biomass production on public lands by supporting the efforts of the custodial agencies responsible for developing and administering property management plans.</p> <ul style="list-style-type: none"> •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. •On public lands managed by State agencies, actively participate in the public participation process used to develop and revise management plans. 		?										
<ul style="list-style-type: none"> •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. 				⊗				⊗				⊗
<ul style="list-style-type: none"> •On public lands managed by State agencies, actively participate in the public participation process used to develop and revise management plans. 												
<p>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.</p> <ul style="list-style-type: none"> •Implement a project to identify select parcels of high environmental or ecologic value located within or adjacent public land management areas. •Contact landowners to explain options for permanent resource protection through use of conservation easements or fee title sale. 							X					
<ul style="list-style-type: none"> •Implement a project to identify select parcels of high environmental or ecologic value located within or adjacent public land management areas. 									X			
<ul style="list-style-type: none"> •Contact landowners to explain options for permanent resource protection through use of conservation easements or fee title sale. 												
<p>Objective 6. Support efforts by public agencies and nonprofit conservation organizations to inventory and control invasive species (upland and aquatic).</p> <ul style="list-style-type: none"> •Participate in information exchange and networking opportunities to raise public awareness and monitor invasive species populations. 												
<ul style="list-style-type: none"> •Participate in information exchange and networking opportunities to raise public awareness and monitor invasive species populations. 			⊗						⊗			⊗

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.	2010					2011					2012			
	1	2	3	4		1	2	3	4		1	2	3	4
<p>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.</p> <ul style="list-style-type: none"> •Administer and support programs to protect, restore, and enhance wetlands. •Develop a project proposal to restore natural hydrology and create depressions for groundwater recharge. <ul style="list-style-type: none"> -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			⊗					⊗			
<p>Objective 2. Establish a groundwater and baseflow monitoring program to monitor and record groundwater elevations and associated stream baseflow conditions at representative locations throughout the county.</p> <ul style="list-style-type: none"> •Compile existing information of record to document historic groundwater elevations and fluctuations in local aquifers. •Develop a project design and grant proposal to install and maintain a monitoring network. 						X							X	X
<p>Objective 3. Actively encourage and support the development of water conservation programs to maintain public and private water supplies.</p> <ul style="list-style-type: none"> •Support the efforts of municipalities that implement wellhead protection planning projects and programs. •Develop a project design and grant proposal to develop a model municipal water conservation plan that could be readily applied to other municipalities. <ul style="list-style-type: none"> -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. 	⊗					⊗					⊗	X		

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, con't.	2010				2011				2012			
	1	2	3	4	1	2	3	4	1	2	3	4
<p>Objective 4. Improve the county's capacity to monitor changes in groundwater chemistry using existing well testing programs.</p> <ul style="list-style-type: none"> •Maintain the existing Chippewa County rural groundwater inventory and monitoring program. •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 County groundwater inventory. •Develop a project design for a long-term groundwater monitoring project using a subset of 1985 and 2007 inventory sample points to assess current and long-range trends as they affect the rural water supply. 	⊗		X		⊗		X		⊗			

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.	2010				2011				2012			
	1	2	3	4	1	2	3	4	1	2	3	4
<p>Objective 1. Track the location and rate of new development in unincorporated areas using approved subdivision plats, certified survey maps, and new well permits.</p> <ul style="list-style-type: none"> •Maintain current Chippewa County well permit mapping and Chippewa County Groundwater Inventory GIS database. •Establish and implement a land division mapping and tracking procedures to monitor the location and rate of development in unincorporated areas of the county. 	⊗				⊗				⊗			
<p>Objective 2. Provide opportunities for greater communication and cooperation in land use planning and land use regulation between the county, towns, cities, and villages.</p> <ul style="list-style-type: none"> •Sponsor periodic land use educational conferences to encourage communication and provide information of value to town and county officials. 	?				?				?			
<p>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.</p> <ul style="list-style-type: none"> •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.	2010				2011				2012			
	1	2	3	4	1	2	3	4	1	2	3	4
<p>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.</p> <ul style="list-style-type: none"> •Initiate a "comprehensive revision" to the County Comprehensive Zoning Ordinance. <ul style="list-style-type: none"> -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. •Evaluate and revised the County Recycling Ordinance and Litter Ordinance. •Evaluate and revise the County Non-Metallic Mining Reclamation Ordinance. •Evaluate and revise the County Animal Waste Mgt. Ordinance to reflect changes in NR151 and ATPC 50. (LCD/Zoning) •Develop a revised Shoreland Zoning Ordinance to meet local needs and to reflect changes in NR115. 	?											
	X											
	X	X										
	X	X										
						X						
						X						

⊗Ongoing action items implemented throughout the year.

Note 1: Activities to pursue program objectives are prioritized for implementation, as placed on the quarterly project schedule. High priority initiatives for 2010 are highlighted.

Note 2: 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. The intended 2010-2012 product goals are 10-15 CREP contracts per year.

Note 3: With regard to product deliverables associated with the DATCP Soil and Water Resource Management grant program, conduct 10-20 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.

Table 7.

SCHEDULE OF ACTIVITIES TO IMPLEMENT LWRM PLAN

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.	2010				2011				2012			
	1	2	3	4	1	2	3	4	1	2	3	4
	<p>Objective 1 - Develop and implement a county energy conservation program for county operations.</p> <ul style="list-style-type: none"> • Consider and adopt county energy conservation plan. • Apply the plan to systematically record and monitor energy use and to identify, select and implement energy conservation projects. • Establish energy conservation education and outreach program to inform the public and other municipalities of energy conservation savings and opportunities. 	X										
<p>Objective 2 - Encourage alternative energy production that uses wind, waste stream bi-products, or biomass generated from agricultural or forestry operations.</p> <ul style="list-style-type: none"> • 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. • Design and implement a pilot project to determine the feasibility of producing renewable electrical energy from distributed sources, including manure digesters and small-scale farmstead-based wind generators. <ul style="list-style-type: none"> -Assess interest by local electrical utilities and farm organizations to explore and evaluate technology. -Prepare a project proposal that includes funding and site selection. 			X									
<p>Objective 3 - Develop and administer recycling and solid waste management programs that reduce, reuse, and ensure the proper disposal of waste materials.</p> <ul style="list-style-type: none"> • 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. <ul style="list-style-type: none"> -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. • 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.	2010				2011				2012			
	1	2	3	4	1	2	3	4	1	2	3	4
	<p>Objective 1. Support the efforts of individual landowners, private nonprofit conservation organizations, and local municipalities to preserve productive "working lands".</p> <ul style="list-style-type: none"> • Actively administer and support landowner participation in the WI Farmland Preservation Program. <ul style="list-style-type: none"> - 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. <ul style="list-style-type: none"> - 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. <ul style="list-style-type: none"> - Prepare and submit project budget and grant proposals. • Revise and update the Chippewa County Farmland Plan in association with State efforts to update WI Stats. 91 and the State Farmland Preservation Program. <ul style="list-style-type: none"> - Identify the location, size and boundaries of working land conservation areas through use of Town or county-based planning processes, and landowner registries. 											
<p>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.</p> <ul style="list-style-type: none"> • 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. • 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. <ul style="list-style-type: none"> - With private, nonprofit conservation organizations, define the location of high priority conservation areas having significant public value or unique ecological significance. • 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. 												

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.	2010				2011				2012			
	1	2	3	4	1	2	3	4	1	2	3	4
	<p>Objective 3. Encourage biodiversity and sustainable agriculture, forestry, and biomass production on private lands by providing technical assistance and conservation program services to landowners.</p> <ul style="list-style-type: none"> •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. •Administer educational services, technical services, and 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. •Administer the Wisconsin Conservation Reserve Enhancement Program (CREP) to establish stream and wetland buffers. 	⊗				⊗				⊗		
<p>Objective 4. Encourage biodiversity and sustainable forest and biomass production on public lands by supporting the efforts of the custodial agencies responsible for developing and administering property management plans.</p> <ul style="list-style-type: none"> •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. •On public lands managed by State agencies, actively participate in the public participation process used to develop and revise management plans. 												
<p>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.</p> <ul style="list-style-type: none"> •Implement a project to identify select parcels of high environmental or ecologic value located within or adjacent public land management areas. •Contact landowners to explain options for permanent resource protection through use of conservation easements or fee title sale. 												
<p>Objective 6. Support efforts by public agencies and nonprofit conservation organizations to inventory and control invasive species (upland and aquatic).</p> <ul style="list-style-type: none"> •Participate in information exchange and networking opportunities to raise public awareness and monitor invasive species populations. 												

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.	2010				2011				2012			
	1	2	3	4	1	2	3	4	1	2	3	4
	<p>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.</p> <ul style="list-style-type: none"> •Administer and support programs to protect, restore, and enhance wetlands. •Develop a project proposal to restore natural hydrology and create depressions for groundwater recharge. <ul style="list-style-type: none"> -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		⊗				⊗		
<p>Objective 2. Establish a groundwater and baseflow monitoring program to monitor and record groundwater elevations and associated stream baseflow conditions at representative locations throughout the county.</p> <ul style="list-style-type: none"> •Compile existing information of record to document historic groundwater elevations and fluctuations in local aquifers. •Develop a project design and grant proposal to install and maintain a monitoring network. 					X					X		X
<p>Objective 3. Actively encourage and support the development of water conservation programs to maintain public and private water supplies.</p> <ul style="list-style-type: none"> •Support the efforts of municipalities that implement wellhead protection planning projects and programs. •Develop a project design and grant proposal to develop a model municipal water conservation plan that could be readily applied to other municipalities. <ul style="list-style-type: none"> -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. 	⊗				⊗				⊗	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.

	2010				2011				2012			
	1	2	3	4	1	2	3	4	1	2	3	4
<p>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 and Administrative Rules NR115, NR243, NR151 AND ATCP 50.</p> <ul style="list-style-type: none"> • 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. 			X									
<ul style="list-style-type: none"> • Administer a voluntary farm evaluation and certification program following the practices and management approach established in this plan. 	⊗				⊗				⊗			
<ul style="list-style-type: none"> • Implement a well-defined county regulatory framework to enforce the NR151 standards. <ul style="list-style-type: none"> - 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. • Actively participate in the Wisconsin WPDES Permitting Processes administered by DNR. 	⊗	X			⊗				⊗			
<p>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.</p> <ul style="list-style-type: none"> • 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. 												
<p>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.</p> <ul style="list-style-type: none"> • 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, con't.	2010				2011				2012			
	1	2	3	4	1	2	3	4	1	2	3	4
	<p>Objective 4. Support State efforts to pursue water quality objectives through the development and implementation of TMDL limits in designated EPA 319 watersheds.</p> <ul style="list-style-type: none"> •Participate in a DNR sponsored effort to implement TMDL's that have been developed for the Little Lake Wisconsin Watershed. <ul style="list-style-type: none"> -Develop a TMDL watershed implementation plan to establish a project time frame, roles and responsibilities, anticipated costs, funding commitments and measures of performance. -Develop and enter formal working agreements and service contracts with participating municipalities and funding agencies. •Participate in a DNR sponsored TMDL planning process to develop TMDL's for Moon Bay of Lake Wisconsin 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.

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.
- Evaluate and revise the County Recycling Ordinance and Litter Ordinance.
- Evaluate and revise the County Non-Metallic Mining Reclamation Ordinance.
- Evaluate and revise the County Animal Waste Mgt. Ordinance to reflect changes in NR151 and ATPC 50. (LCD/Zoning)
- Develop a revised Shoreland Zoning Ordinance to meet local needs and to reflect changes in NR115.

	2010				2011				2012			
	1	2	3	4	1	2	3	4	1	2	3	4
?												
X												
X												
X												
X									X			
									X			

⊗Ongoing action items implemented throughout the year.

Note 1: Activities to pursue program objectives are prioritized for implementation, as placed on the quarterly project schedule. High priority initiatives for 2010 are highlighted.

Note 2: 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. The intended 2010-2012 product goals are 20 CREP contracts per year.

Note 3: With regard to product deliverables associated with the DATCP Soil and Water Resource Management grant program, conduct 10-20 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.

Table 8. **BENCHMARK MEASURES FOR HIGH PRIORITY ACTIVITIES TO TRACK PROGRESS TOWARD LWRM PLAN IMPLEMENTATION**

ENERGY CONSERVATION & WASTE REDUCTION

<p>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.</p>	<p>Benchmark Products</p>
<p>Objective 1 - Develop and implement a county energy conservation program for county operations.</p> <ul style="list-style-type: none"> •Consider and adopt county energy conservation plan. •Apply the plan to systematically record and monitor energy use and to identify, select and implement energy conservation projects. •Establish energy conservation education and outreach program to inform the public and other municipalities of energy conservation savings and opportunities. 	<ul style="list-style-type: none"> •Annual Report of energy use and conservation activities.
<p>Objective 2 - Encourage alternative energy production that uses wind, waste stream bi-products, or biomass generated from agricultural or forestry operations.</p> <ul style="list-style-type: none"> •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. •Design and implement a pilot project to determine the feasibility of producing renewable electrical energy from distributed sources, including manure digesters and small-scale farmstead-based wind generators. <ul style="list-style-type: none"> -Assess interest by local electrical utilities and farm organizations to explore and evaluate technology. -Prepare a project proposal that includes funding and site selection. 	<ul style="list-style-type: none"> •Written pilot project proposal. -Written survey and report of compiled survey responses. -Project proposal with budget, funding sources installation and operational commitments and an implementation schedule.
<p>Objective 3 - Develop and administer recycling and solid waste management programs that reduce, reuse, and ensure the proper disposal of waste materials.</p> <ul style="list-style-type: none"> •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. <ul style="list-style-type: none"> -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. •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. 	<ul style="list-style-type: none"> •Written benchmark study documenting the current status. -Written report documenting current recycling rates. -RFP and service contract to document the reviews/ expenses of existing MRF's and feasibility of expansion.

LAND CONSERVATION AND SUSTAINABILITY

<p>Goal 2. Develop and administer conservation programs that preserve the land, support sustainable production, provide biodiversity, and protect the natural ecology.</p>	<p>Benchmark Products</p>
<p>Objective 1. Support the efforts of individual landowners, private nonprofit conservation organizations, and local municipalities to preserve productive "working lands".</p> <ul style="list-style-type: none"> •Actively administer and support landowner participation in the WI Farmland Preservation Program. <ul style="list-style-type: none"> -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. <ul style="list-style-type: none"> -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. -Prepare and submit project budget and grant proposals. •Revise and update the Chippewa County Farmland Plan in association with State efforts to update WI Stats. 91 and the State Farmland Preservation Program. <ul style="list-style-type: none"> -Identify the location, size and boundaries of working land conservation areas through use of Town or county-based planning processes, and landowner registries. 	<ul style="list-style-type: none"> -Written project proposal. -Signed 66.03 agreements and M.O.U.'s. -Project budget and written grant application.
<p>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.</p> <ul style="list-style-type: none"> •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. •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. •With private, nonprofit conservation organizations, define the location of high priority conservation areas having significant public value or unique ecological significance. •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. 	<ul style="list-style-type: none"> •Annual public notice and solicitation of matching grant proposals. •Public meeting agendas and minutes. •GIS map showing locations of priority conservation areas.

LAND CONSERVATION AND SUSTAINABILITY

<p>Goal 2. Develop and administer conservation programs that preserve the land, support sustainable production, provide biodiversity, and protect the natural ecology, con't.</p>	<p>Benchmark Products</p>
<p>Objective 3. Encourage biodiversity and sustainable agriculture, forestry, and biomass production on private lands by providing technical assistance and conservation program services to landowners.</p> <ul style="list-style-type: none"> •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. •Administer educational services, technical services, and 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. •Administer the Wisconsin Conservation Reserve Enhancement Program (CREP) to establish stream and wetland buffers. 	<ul style="list-style-type: none"> •Letter of interest to farm and forestry organizations. •Written report documenting potential County role and cost/benefits. •Written report documenting number, type and location of CREP buffer contracts; seek 10-15/yr.
<p>Objective 4. Encourage biodiversity and sustainable forest and biomass production on public lands by supporting the efforts of the custodial agencies responsible for developing and administering property management plans.</p> <ul style="list-style-type: none"> •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. •On public lands managed by State agencies, actively participate in the public participation process used to develop and revise management plans. 	
<p>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.</p> <ul style="list-style-type: none"> •Implement a project to identify select parcels of high environmental or ecologic value located within or adjacent public land management areas. •Contact landowners to explain options for permanent resource protection through use of conservation easements or fee title sale. 	
<p>Objective 6. Support efforts by public agencies and nonprofit conservation organizations to inventory and control invasive species (upland and aquatic).</p> <ul style="list-style-type: none"> •Participate in information exchange and networking opportunities to raise public awareness and monitor invasive species populations. 	

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.	Benchmark Products
<p>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.</p> <ul style="list-style-type: none"> •Administer and support programs to protect, restore, and enhance wetlands. •Develop a project proposal to restore natural hydrology and create depressions for groundwater recharge. <ul style="list-style-type: none"> -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. 	<ul style="list-style-type: none"> •Written project proposal identifying the location, time frame, costs and funding sources, budget and implementation schedule. -GIS map showing the location of project areas and target sites.
<p>Objective 2. Establish a groundwater and baseflow monitoring program to monitor and record groundwater elevations and associated stream baseflow conditions at representative locations throughout the county.</p> <ul style="list-style-type: none"> •Compile existing information of record to document historic groundwater elevations and fluctuations in local aquifers. •Develop a project design and grant proposal to install and maintain a monitoring network. 	
<p>Objective 3. Actively encourage and support the development of water conservation programs to maintain public and private water supplies.</p> <ul style="list-style-type: none"> •Support the efforts of municipalities that implement wellhead protection planning projects and programs. •Develop a project design and grant proposal to develop a model municipal water conservation plan that could be readily applied to other municipalities. <ul style="list-style-type: none"> -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, con't.	Benchmark Products
<p>Objective 4. Improve the county's capacity to monitor changes in groundwater chemistry using existing well testing programs.</p> <ul style="list-style-type: none">•Maintain the existing Chippewa County rural groundwater inventory and monitoring program.•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 County groundwater inventory.•Develop a project design for a long-term groundwater monitoring project using a subset of 1985 and 2007 inventory sample points to assess current and long-range trends as they affect the rural water supply.	<ul style="list-style-type: none">•Annual report and GIS map.•New GIS layer and associated database showing locations of public water supply wells and groundwater chemistry.

NONPOINT SOURCE WATER POLLUTION CONTROL

<p>Goal 4. Develop and administer nonpoint sources of water pollution control programs to pursue State and local water quality objectives.</p>	<p>Benchmark Products</p>
<p>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 and Administrative Rules NR115, NR243, NR151 AND ATCP 50.</p> <ul style="list-style-type: none"> •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. <ul style="list-style-type: none"> -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. •Actively participate in the Wisconsin WPDES Permitting Processes administered by DNR. 	<ul style="list-style-type: none"> •Written farm evaluation reports documenting results of new farm evaluations; seek 10-20/yr. •Letters of request and self certification forms for all program participants subject to compliance. •Written annual activity report summarizing the status of NR151 farm evaluations and compliance. •GIS map showing the location of parcels evaluated and meeting standards.
<p>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.</p> <ul style="list-style-type: none"> •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. 	<ul style="list-style-type: none"> •Revised and executed working agreement.
<p>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.</p> <ul style="list-style-type: none"> •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. 	<ul style="list-style-type: none"> •Written and electronic annual report to DNR and permitted municipalities.

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, con't.	Benchmark Products
<p>Objective 4. Support State efforts to pursue water quality objectives through the development and implementation of TMDL limits in designated EPA 319 watersheds.</p> <ul style="list-style-type: none">•Participate in a DNR sponsored effort to implement TMDL's that have been developed for the Little Lake Wissota Watershed.<ul style="list-style-type: none">-Develop a TMDL watershed implementation plan to establish a project time frame, roles and responsibilities, anticipated costs, funding commitments and measures of performance.-Develop and enter formal working agreements and service contracts with participating municipalities and funding agencies. •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

<p>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.</p>	<p>Benchmark Products</p>
<p>Objective 1. Track the location and rate of new development in unincorporated areas using approved subdivision plats, certified survey maps, and new well permits.</p> <ul style="list-style-type: none"> •Maintain current Chippewa County well permit mapping and Chippewa County Groundwater Inventory GIS database. •Establish and implement a land division mapping and tracking procedures to monitor the location and rate of development in unincorporated areas of the county. 	
<p>Objective 2. Provide opportunities for greater communication and cooperation in land use planning and land use regulation between the county, towns, cities, and villages.</p> <ul style="list-style-type: none"> •Sponsor periodic land use educational conferences to encourage communication and provide information of value to town and county officials. 	
<p>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.</p> <ul style="list-style-type: none"> •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

<p>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.</p>	<p>Benchmark Products</p>
<p>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.</p> <ul style="list-style-type: none"> •Initiate a "comprehensive revision" to the County Comprehensive Zoning Ordinance. <ul style="list-style-type: none"> -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. •Evaluate and revised the County Recycling Ordinance and Litter Ordinance. •Evaluate and revise the County Non-Metallic Mining Reclamation Ordinance. •Evaluated and revise the County Animal Waste Mgt. Ordinance to reflect changes in NR151 and ATCP 50. (LCD/Zoning) •Develop a revised Shoreland Zoning Ordinance to meet local needs and to reflect changes in NR115. 	<ul style="list-style-type: none"> •Revised Comprehensive Zoning Ordinance submitted for town and committee consideration. •Stormwater ordinance submitted for committee consideration. •Revised Recycling and Litter Ordinance submitted for committee consideration. •Revised Nonmetallic Mining Ordinance submitted for committee consideration. •Revised Shoreland Zoning Ordinance submitted for committee consideration.

Note 1: Activities to pursue program objectives are prioritized for implementation, as placed on the quarterly project schedule. High priority initiatives for 2010 are highlighted.

Table 8. BENCHMARK MEASURES FOR HIGH PRIORITY ACTIVITIES TO TRACK PROGRESS TOWARD LWRM PLAN IMPLEMENTATION

ENERGY CONSERVATION & WASTE REDUCTION

	Benchmark Products
<p>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.</p> <p>Objective 1 - Develop and implement a county energy conservation program for county operations.</p> <ul style="list-style-type: none"> • Consider and adopt county energy conservation plan. • Apply the plan to systematically record and monitor energy use and to identify, select and implement energy conservation projects. • Establish energy conservation education and outreach program to inform the public and other municipalities of energy conservation savings and opportunities. 	<ul style="list-style-type: none"> • Annual Report of energy use and conservation activities.
<p>Objective 2 - Encourage alternative energy production that uses wind, waste stream bi-products, or biomass generated from agricultural or forestry operations.</p> <ul style="list-style-type: none"> • 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. • Design and implement a pilot project to determine the feasibility of producing renewable electrical energy from distributed sources, including manure digesters and small-scale farmstead-based wind generators. - Assess interest by local electrical utilities and farm organizations to explore and evaluate technology. - Prepare a project proposal that includes funding and site selection. 	<ul style="list-style-type: none"> • Written pilot project proposal. - Written survey and report of compiled survey responses. - Project proposal with budget, funding sources installation and operational commitments and an implementation schedule.
<p>Objective 3 - Develop and administer recycling and solid waste management programs that reduce, reuse, and ensure the proper disposal of waste materials.</p> <ul style="list-style-type: none"> • 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. • 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. 	<ul style="list-style-type: none"> • Written benchmark study documenting the current status. - Written report documenting current recycling rates. - RFP and service contract to document the reviews/expenses of existing MRF's and feasibility of expansion.

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.

Benchmark Products

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 Program.

- 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.

- 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.

- Prepare and submit project budget and grant proposals.

- Revise and update the Chippewa County Farmland Plan in association with State efforts to update WI Stats. 91 and the State Farmland Preservation Program.

- Identify the location, size and boundaries of working land conservation areas through use of Town or county-based planning processes, and landowner registries.

- Written project proposal.

- Signed 66.03 agreements and M.O.U.'s.

- Project budget and written grant application.

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.

- 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.

- With private, nonprofit conservation organizations, define the location of high priority conservation areas having significant public value or unique ecological significance.

- 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.

- Annual public notice and solicitation of matching grant proposals.

- Public meeting agendas and minutes.
- GIS map showing locations of priority conservation areas.

LAND CONSERVATION AND SUSTAINABILITY

	Benchmark Products
<p>Goal 2. Develop and administer conservation programs that preserve the land, support sustainable production, provide biodiversity, and protect the natural ecology, con't.</p> <p>Objective 3. Encourage biodiversity and sustainable agriculture, forestry, and biomass production on private lands by providing technical assistance and conservation program services to landowners.</p> <ul style="list-style-type: none"> •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. •Administer educational services, technical services, and 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. •Administer the Wisconsin Conservation Reserve Enhancement Program (CREP) to establish stream and wetland buffers. 	<ul style="list-style-type: none"> •Letter of interest to farm and forestry organizations. •Written report documenting potential County role and cost/benefits. <ul style="list-style-type: none"> •Written report documenting number, type and location of CREP buffer contracts; seek 10-15/yr.
<p>Objective 4. Encourage biodiversity and sustainable forest and biomass production on public lands by supporting the efforts of the custodial agencies responsible for developing and administering property management plans.</p> <ul style="list-style-type: none"> •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. •On public lands managed by State agencies, actively participate in the public participation process used to develop and revise management plans. 	
<p>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.</p> <ul style="list-style-type: none"> •Implement a project to identify select parcels of high environmental or ecologic value located within or adjacent public land management areas. •Contact landowners to explain options for permanent resource protection through use of conservation easements or fee title sale. 	
<p>Objective 6. Support efforts by public agencies and nonprofit conservation organizations to inventory and control invasive species (upland and aquatic).</p> <ul style="list-style-type: none"> •Participate in information exchange and networking opportunities to raise public awareness and monitor invasive species populations. 	

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.

Benchmark Products

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.

- 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.

- Written project proposal identifying the location, time frame, costs and funding sources, budget and implementation schedule.
- GIS map showing the location of project areas and target sites.

Objective 2. Establish a groundwater and baseflow monitoring program to monitor and record groundwater elevations and associated stream baseflow conditions at representative locations throughout the county.

- Compile existing information of record to document historic groundwater elevations and fluctuations in local aquifers.

- Develop a project design and grant proposal to install and maintain a monitoring network.

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 and 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, con't.

Benchmark Products

Objective 4. Improve the county's capacity to monitor changes in groundwater chemistry using existing well testing programs.

- Maintain the existing Chippewa County rural groundwater inventory and monitoring program.

- 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 County groundwater inventory.

- Develop a project design for a long-term groundwater monitoring project using a subset of 1985 and 2007 inventory sample points to assess current and long-range trends as they affect the rural water supply.

- Annual report and GIS map.
- New GIS layer and associated database showing locations of public water supply wells and groundwater chemistry.

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.

Benchmark Products

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 and 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.

• 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.

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.

- Written farm evaluation reports documenting results of new farm evaluations; seek 10/yr.
- Letters of request and self certification forms for all program participants subject to compliance.
- Written annual activity report summarizing the status of NR151 farm evaluations and compliance.
- GIS map showing the location of parcels evaluated and meeting standards.

• Revised and executed working agreement.

• Written and electronic annual report to DNR and permitted municipalities.

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, con't.

Benchmark Products

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 Wisconsin Watershed.
 - Develop a TMDL watershed implementation plan to establish a project time frame, roles and responsibilities, anticipated costs, funding commitments and measures of performance.
 - Develop and enter formal working agreements and service contracts with participating municipalities and funding agencies.
- Participate in a DNR sponsored TMDL planning process to develop TMDL's for Moon Bay of Lake Wisconsin and Otter Lake.

PLANNING AND ENVIRONMENTAL REGULATION

<p>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.</p>	<p>Benchmark Products</p>
<p>Objective 1. Track the location and rate of new development in unincorporated areas using approved subdivision plats, certified survey maps, and new well permits.</p> <ul style="list-style-type: none"> •Maintain current Chippewa County well permit mapping and Chippewa County Groundwater Inventory GIS database. •Establish and implement a land division mapping and tracking procedures to monitor the location and rate of development in unincorporated areas of the county. 	
<p>Objective 2. Provide opportunities for greater communication and cooperation in land use planning and land use regulation between the county, towns, cities, and villages.</p> <ul style="list-style-type: none"> •Sponsor periodic land use educational conferences to encourage communication and provide information of value to town and county officials. 	
<p>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.</p> <ul style="list-style-type: none"> •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.

Benchmark Products

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.
- Evaluate and revise the County Recycling Ordinance and Litter Ordinance.
- Evaluate and revise the County Non-Metallic Mining Reclamation Ordinance.
- Evaluated and revise the County Animal Waste Mgt. Ordinance to reflect changes in NR151 and ATP 50. (LCD/Zoning)
- Develop a revised Shoreland Zoning Ordinance to meet local needs and to reflect changes in NR115.

- Revised Comprehensive Zoning Ordinance submitted for town and committee consideration.
- Stormwater ordinance submitted for committee consideration.
- Revised Recycling and Litter Ordinance submitted for committee consideration.
- Revised Nonmetallic Mining Ordinance submitted for committee consideration.
- Revised Shoreland Zoning Ordinance submitted for committee consideration.

Note 1: Activities to pursue program objectives are prioritized for implementation, as placed on the quarterly project schedule. High priority initiatives for 2010 are highlighted.

Table 9.

ANTICIPATED BUDGET BY PROGRAM AREA TO IMPLEMENT LWRM PLAN

	2010			2011			2012		
	County Levy	State Program Asst.	State Cost Share	County Levy	State Program Asst.	State Cost Share	County Levy	State Program Asst.	State Cost Share
ENERGY CONSERVATION & WASTE REDUCTION									
Goal 1 - Develop 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.									
<u>Obj. 1.</u> Develop and implement an energy conservation program for County operations.									
<u>Obj. 2.</u> Encourage alternative energy production that uses wind, waste stream bi-products, or biomass generated from agricultural or forestry operations.									
<u>Obj. 3.</u> Develop and administer recycling and solid waste management programs that reduce, reuse, and ensure the proper disposal of waste materials.									
	10,000			10,000			10,000		
	60,000			60,000	300,000		60,000		
	30,000	325,000		30,000	325,000		30,000	325,000	

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.

Obj. 1. Support the efforts of individual landowners, private nonprofit conservation organizations, and local municipalities to preserve productive "working lands".

Obj. 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.

Obj. 3. Encourage biodiversity and sustainable agriculture, forestry, and biomass production on private lands by providing tech. assistance and conservation program services to landowners.

Obj. 4. Encourage biodiversity and sustainable forest and biomass production on public lands by supporting the efforts of the custodial agencies responsible for developing and administering property management plans.

Obj. 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.

Obj. 6. Support efforts by public agencies and nonprofit conservation organizations to inventory and control invasive species (upland and aquatic).

	2010			2011			2012		
	County Levy	State Program Asst.	State Cost Share	County Levy	State Program Asst.	State Cost Share	County Levy	State Program Asst.	State Cost Share
	21,000	30,000		21,000	30,000		21,000	30,000	
	135,000			135,000			135,000		
	110,000	173,000	50,000	110,000	173,000	50,000	110,000	173,000	50,000
	5,000			5,000			5,000		
	5,000			5,000			5,000		
	10,000	4,000		10,000	4,000		10,000	4,000	

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.

- Obj. 1. Develop and implement conservation programs that protect wetlands, restore natural hydrology and drainage, and improve stormwater storage capacity, soil infiltration, and groundwater recharge.
- Obj. 2. Establish a groundwater and baseflow monitoring program to monitor and record groundwater elevations and associated stream baseflow conditions at representative locations throughout the County.
- Obj. 3. Actively encourage and support the development of water conservation programs to maintain public and private water supplies.
- Obj. 4. Improve the county's capacity to monitor changes in groundwater chemistry using existing well testing programs.

2010			2011			2012		
County Levy	State Program Asst.	State Cost Share	County Levy	State Program Asst.	State Cost Share	County Levy	State Program Asst.	State Cost Share
20,000			20,000			20,000		

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.

Obj. 1. Administer the NR151 agricultural nonpoint source pollution control performance standards on a county-wide basis.

Obj. 2. Administer the nonagricultural nonpoint pollution control performance standards on a county-wide basis.

Obj. 3. Administer 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.

Obj. 4. Support State efforts to pursue water quality objectives through the development and implementation of TMDL limits in designated watersheds.

	2010			2011			2012		
	County Levy	State Program Asst.	State Cost Share	County Levy	State Program Asst.	State Cost Share	County Levy	State Program Asst.	State Cost Share
	130,000	137,000	195,000	130,000	137,000	195,000	130,000	137,000	195,000
	15,000			15,000			15,000		
	22,000	10,000		22,000	10,000		22,000	10,000	
		85,000			100,000	150,000		100,000	200,000

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.

Obj. 1. Track the location and rate of new development in unincorporated areas using approved subdivision plats, certified survey maps, and new well permits.

Obj. 2. Provide opportunities for greater communication and cooperation in land use planning and land use regulation between the County, towns, cities, and villages.

Obj. 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.

Obj. 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.

2010			2011			2012		
County Levy	State Program Asst.	State Cost Share	County Levy	State Program Asst.	State Cost Share	County Levy	State Program Asst.	State Cost Share
20,000			20,000			20,000		