

Page	Implementation Summary Table			2013 5-yr Update				
	Chapter 5: Agricultural, Natural and Cultural Resources	Responsible Entity	Related Planning Processes	Status 2013	Keep?	Modify?	Done?	Notes
	Agricultural Resources Policies and Programs:				X	X	X	
46	1. Continue and expand assistance and incentive programs as identified in the <i>Land and Water Resources Plan</i> .	LWRD	<i>Land and Water Resources Plan</i>	Ongoing	X			
	a. education;	LWRD		Ongoing	X			
	b. conservation planning;	LWRD		Ongoing	X			
	c. technical assistance;	LWRD		Ongoing	X			
	d. cost-share;	LWRD		Ongoing	X			
	e. financial incentive, and;	LWRD		Ongoing	X			
	f. facility design.	LWRD		Ongoing	X			
46	2. Continue and expand direct services, marketing assistance and on-demand technical assistance provided to farmers through Dane County University of Wisconsin Extension programs.	UWEX		Ongoing	X			
	a. Educate farmers about new ways they can improve their incomes;	UWEX		Ongoing	X			
	b. Provide loans, referrals and business counseling to farmers in a farm-specific program	UWEX		Ongoing	X			
	c. Educate farmers about conservation easements as an alternative to development and a way to pass farms on to future generations.	UWEX						
	d. Hold farming community sharing meetings where farmers can talk to each other about what they do to save costs, etc.	UWEX		Ongoing	X			
46	3. Design and implement education workshops and distribute materials for farmers, developers, landowners and the general public.	UWEX, DPD		Ongoing	X			
	a. Educate landowners on their options and alternatives to development (ask non-profits and others to help) – TDR, PDR, etc	UWEX, DPD		Ongoing	X			
	b. Publicize benefits/drawbacks of conservation subdivisions.	DPD		Not addressed	X			
	c. Develop a publication giving notice to rural home/property owners of potential impacts of ag practices such as road traffic (tractors, etc) and manure odor; require distribution to all new rural property buyers.	DPD, ROD		Complete			X	
	d. Notify rural residential landowners of farming practices by notices recorded with deeds, surveys or other legal documents .	DPD, ROD		Not addressed	X			
	e. Develop and distribute a map of Dane County that illustrates the types and location of agriculture in the county.	DPD, UWEX, CAPD		Complete			X	
47	4. Develop and implement a comprehensive economic development program to support, expand and enhance agriculture as a viable economic activity in Dane County.	Food Council, DPD, UWEX, LWRD		Ongoing		X		Continue to implement...
	a. Develop a Dane County logo to enable farmers to foster local marketing efforts.	Food Council		Complete			X	

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	b. Work with local ad agencies on a campaign for Dane County grown products	Food Council		Complete			X	
	c. Start a pilot project that tests the feasibility of selling Dane County food products including local institutional markets, grocery stores and restaurants.	Food Council		Complete		X		Continue to implement and maintain support for Institutional Food Marketing program.
	d. Encourage local purchasing in county food service facilities. Build on current efforts to establish a policy that 10% of food purchases through its Consolidated Food Service be made locally within two years. In addition, the county should support the initiative to create the Courthouse Catering enterprise, which proposes to source 75% of food locally for a cafeteria in the new courthouse.	Food Council		Complete		X		Continue to implement and maintain support for Institutional Food Marketing program.
	e. Create an electronic web site to market Dane County products over the web.	Food Council, DPD		Complete			X	
	f. Enlist restaurants and grocery stores to showcase county products – establish a government-sponsored council to promote goals.	Food Council		Complete			X	
47	5. Make sure county-funded highway and other transportation improvements and plans take into account the needs of farmers.	PWHandT, DPD, MPO	T.I.P.	Ongoing		X		
47	6. Work to develop viable, affordable options for rural farm families needing health insurance.	????		Not addressed		X		
	a. help capitalize on Dane County's exceptional assets;							
	b. coordinate efforts to build a stronger local food system;							
	c. advise County government to address food system issues, particularly aimed at strengthening the capacity of the local and regional food system;							
	d. assist in food-related education;							
	e. gather relevant data and information;							
	f. play a coordinating role among groups in the local food system, and;							
	g. develop policies to address food system issues.							
47	7. Continue to consider a permanent, countywide Transfer of Development Rights program to protect large areas of agricultural land.	DPD	Farmland Preservation Plan	Complete		X		Modify to "continue to expand and implement TDR in interested communities."
47	8. Continue to develop a permanent, countywide Purchase of Development Rights (PDR) program to preserve agricultural lands.	LWRD, DPD	Parks and Open Space Plan, Land and Water Resource Plan	Partially complete	X			
47	10. Revise county zoning and land division ordinances and county and town plans to establish design guidelines that minimize conversion of agricultural land, and support farm operations and agriculture-related businesses.	DPD	Farmland Preservation Plan	Complete			X	

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47	11. Enforce existing penalties under state law for land converted from agricultural use.	Treasurer, DPD, LWRD	Farmland Preservation Plan	Partially complete		X		Continue to collect use-value penalties for land converted from agriculture.
	a. County Treasurer should collect penalties and distribute to local municipalities.						X	
	b. County's share of penalties should go to the Dane County Conservation Fund to fund purchase of agricultural easements from interested land owners.						X	
48	12. Work with the DNR and any future water quality planning agencies to establish objective standards for Urban Service Area approvals that take into account potential agricultural impacts.	CARPC	FUDA	In progress		X		Continue to work with CARPC, any successor agency, and the DNR to...
Mineral Resources Policies and Programs:					X	X	X	
49	1. Amend county zoning ordinance to improve standards and adopt objective criteria for siting, operation and expansion of mineral extraction sites. Provide mechanisms to increase public awareness and improve coordination between town and county government.	DPD		Complete			X	
49	2. Map all locations of best mineral extraction sites in coordination with private mineral companies. Consider these locations when doing acquisitions or easements for other purposes.	DPD, CARPC, LWRD		Not addressed	X			
49	3. Consider allowing minerals to be extracted from publicly owned land where consistent with other public objectives. Reinvest revenues to improve, restore or develop county parks, lakes, forests, tree planting and other high-priority natural resources.	LWRD, PWHandT		Not addressed	X			
49	4. Work with towns to identify areas where limited or no rezones to allow residential development would be permitted until mineral extraction and reclamation is complete, in order to protect significant, undeveloped mineral resources. Consider leases of development rights and temporary easements to compensate landowners affected by such restrictions.	DPD		Not addressed	X			
49	5. Conduct an inventory of inactive, unreclaimed mineral extraction sites in Dane County.	DPD		Complete			X	
50	6. Develop educational flyers, website information and other media related to: the need for mineral resources; the need for, and ways to reuse or recycle mineral resources; potential impacts, and mitigation or management techniques; the transitional nature of mineral extraction operations; current permitting and reclamation requirements; the presence of existing or proposed mineral extraction sites; opportunities for public and local government input into permitting decisions.	UWEX, DPD		Not addressed	X			
Land Resources Policies and Programs:					X	X	X	

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52	1. Continue to consider a permanent, countywide Transfer of Development Rights program.	DPD	Farmland Preservation Plan	Complete		X		Modify to "continue to expand and implement TDR in interested communities."
	a. Supports and complements any existing or future Purchase of Agricultural Conservation Easements (PACE,) Purchase of Development Rights (PDR) or transfer of development (TDR) programs developed by the county, local, state or federal governments;			Complete		X		Reduce detail, include in simpler overall statement.
	b. Provides for voluntary participation and flexibility for town, city and village government and individual landowners.			Complete		X		Reduce detail, include in simpler overall statement.
	c. Provides planning assistance for towns that want to create sending and/or receiving areas.			Complete		X		Reduce detail, include in simpler overall statement.
	d. Encourages inclusion of working farmlands, large woodlands and natural resource areas under conservation easement;			Complete		X		Reduce detail, include in simpler overall statement.
	e. Includes a countywide TDR ordinance that would:			Complete		X		Reduce detail, include in simpler overall statement.
	i. set minimum standards;			Complete		X		Reduce detail, include in simpler overall statement.
	ii. provide a framework to support existing or future town, village, city and cooperative TDR programs, and;			Complete		X		Reduce detail, include in simpler overall statement.
	iii. provide for consistency with other county and other municipal zoning requirements.			Complete		X		Reduce detail, include in simpler overall statement.
	f. Includes model TDR ordinance and plan language which could be adopted voluntarily by local governments;			Complete		X		Reduce detail, include in simpler overall statement.
	g. Does not have long-term negative impacts on villages and cities by preventing logical growth and encouraging sprawl.			Complete		X		Reduce detail, include in simpler overall statement.
	h. Focuses agricultural easement purchases to areas planned and viable for long-term or permanent agricultural or natural resource use.			Complete		X		Reduce detail, include in simpler overall statement.
	i. Makes sure that all land protection through TDR is in permanent agreements and conservation easements have secondary easements holders to provide lasting public benefit.			Complete		X		Reduce detail, include in simpler overall statement.
52	2. Continue to develop a permanent, countywide Purchase of Development Rights (PDR) program.	LWRD, DPD	Parks and Open Space Plan, Land and Water Resource Plan	Partially complete	X			
	a. Supports and complements any existing or future PDR Purchase of Agricultural Easements (PACE,) or transfer of development (TDR) programs developed by the county, local, state or federal governments;			Partially complete	X			
	b. Encourages inclusion of natural resource lands, farmlands, and woodlands under conservation easement;			Partially complete	X			
	c. Focuses on voluntary participation on lands where private landowners can continue to manage their property and public access is not required.			Partially complete	X			

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	d. Uses the current Highway 12 program as a model, with modified PDR ranking criteria to suit needs of a county-wide program.			Partially complete	X			
	e. Establishes a dedicated PDR fund and identifies a minimum level of funding.			Partially complete	X			
	f. Maximizes the county's ability to receive additional funding for PDR, such as the Federal Farmland Protection Program, Wisconsin Stewardship Fund, local or municipal revenues.			Partially complete	X			
	g. Does not have a long-term negative impacts on villages and cities by preventing logical growth and encouraging sprawl.			Partially complete	X			
	h. Focuses easement purchases to areas planned and viable for long-term or permanent agricultural or natural resource use.			Partially complete	X			
	i. Makes sure that all land protection through PDR is in permanent agreements and conservation easements have secondary easement holders to provide lasting public benefit.			Partially complete	X			
52	3. Accelerate implementation and enhance the recommendations of the current <i>Dane County Parks and Open Space Plan</i> .	LWRD	Parks and Open Space Plan	Ongoing		X		Continue implementation of the POSP...
	a. Identify lead agencies, local units of government, and non-profits responsible for implementing the natural resource protection and recreation elements, including those outside the scope of the POSP.		Parks and Open Space Plan	Ongoing	X			
	b. Explore the use of a variety of funding mechanisms, including recreational user fees, to fund recreational recommendations of the Parks & Open Space Plan.		Parks and Open Space Plan	Ongoing	X			
	c. Explore the use of lake and water recreation fees to fund public water access improvements.		Parks and Open Space Plan	Ongoing	X			
	d. Continue to fully fund and complete project planning, recreational facility development, implementation, trail development, land management and ecological restoration activities.		Parks and Open Space Plan	Ongoing	X			
	e. Continue to develop and provide access to water-based recreation trails for canoes, kayaks and similar watercraft. Improve separate canoe/kayak access to navigate waterways at all county properties and encourage townships and municipalities to do the same by seeking partnership funding and developing a countywide plan for this access.		Parks and Open Space Plan	Ongoing	X			
	f. Continue to fully fund and implement the Dane County Conservation Fund Grant Program.		Parks and Open Space Plan	Ongoing	X			
	g. Increase Dane County Park's capacity to implement master plans for parks & resources areas in order to bring the public & community into conservation projects.		Parks and Open Space Plan	Ongoing	X			

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52	4. Expand the scope and purpose of the <i>County Parks and Open Space Plan</i> in future updates to adequately meet the natural resource protection and recreation needs of Dane County.	LWRD, DPD	Parks and Open Space Plan	Ongoing	X			
	a. Expand the range of tools used to protect identified natural resource areas.		Parks and Open Space Plan	Ongoing	X			
	b. Incorporate regular, periodic surveys on use of parks and recreational facilities in countywide mailings, such as tax bills.		Parks and Open Space Plan	Ongoing	X			
	c. Include archaeological, historic and cultural significance among the criteria for acquiring and managing lands under all county real estate acquisition programs.		Parks and Open Space Plan	Ongoing	X			
	d. Identify, map and prioritize key natural resources, including those outside the scope of the Parks & Open Space Plan, for possible inclusion in future updates of the plan.		Parks and Open Space Plan	Ongoing	X			
	e. Identify water bodies with insufficient public access and target lands for acquisition related to public water access in future updates of the Parks & Open Space Plan. Explore incentives for landowners to allow public access to their land (beyond the Ordinary Highwater Mark).		Parks and Open Space Plan	Ongoing	X			
	f. Develop criteria for and designate a system of water trails connecting streams and lakes. Possible criteria might include: locations for limited or unimproved access, quiet areas or times of day, the quality of viewshed, habitat protection, public ownership & access, and public safety.		Parks and Open Space Plan	Ongoing	X			
	g. Use computer modeling, site visits, consultations with other partners, including foresters, conservationists, landscape architects, planners and others, to define and map viewsheds, watersheds and buffer areas that might impact current or proposed Parks & Open Space Plan lands.		Parks and Open Space Plan	Ongoing	X			
	h. Develop protection strategies for viewsheds, watershed, and other buffer areas. Strategies might include: creation of voluntary "friends" groups; inclusion in PDR and TDR programs; eligibility for Conservation Grant funding; site design regulations and others.		Parks and Open Space Plan	Ongoing	X			
	i. Add to zoning ordinance an appropriate setback for any development approved adjacent to county, state or local parks, resource, wildlife & conservation areas. The idea is to provide a buffer between the public conservation / recreation land and any new buildings.		Parks and Open Space Plan	Ongoing	X			
	j. Include comprehensive planning goals and objectives related to additional priority natural resource area, watersheds, viewsheds, and open space networks in future updates of the Parks & Open Space Plan.		Parks and Open Space Plan	Ongoing	X			
	k. Review lands recommended for acquisition in the Parks and Open Space Plan to see if there are any lands already or better protected through regulation or other programs, such as wetlands or floodplains.		Parks and Open Space Plan	Ongoing	X			

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53	5. Provide enhanced planning assistance to towns to support natural resource protection and conservation	DPD	Farmland Preservation Plan	Ongoing		X		Continue to provide....
53	6. Create ordinances that require communities to work together on land use, comprehensive and parks and open space plans.	DPD, CARPC		Not addressed	X			
53	7. Develop and implement guidelines for vegetation, maintenance and management of county rights-of-way, roadways, utility corridors and grounds to protect scenic, ecological and natural characteristics of county-owned land.	LWRD, PWHandT	T.I.P.	Not addressed	X			
	a. Work with other jurisdictions to develop similar standards.			Not addressed	X			
	b. Develop an education program for highway and town road workers to identify and encourage native plants and to identify and eradicate noxious, invasive species.			Not addressed	X			
53	8. Fully implement and enhance programs identified in the <i>Land and Water Resources Plan</i> .	LWRD	Land and Water Resources Plan	Ongoing	X			
	a. Create a central database for all existing cost-sharing and payment programs (such as CRP, CREP, WRP, nutrient management, rain gardens, conservation easements, etc.) available to all landowners.			Not addressed	X			
	b. Create financial incentives for private owners of woodlands, grasslands, wetlands and other native communities to improve the ecological health and habitat by removing invasives, planting desirable species, and harvesting or managing as appropriate.			Not addressed	X			
	c. Continue to expand information and education efforts directed at agricultural nonpoint source control. Additional emphasis should be placed on fertilizer management and use, integrated pest management and minimization of pesticide use, and safe handling of pesticides and other hazardous farm materials.			Ongoing	X			
	d. Expand inventory efforts and develop animal waste management plans for farms where over 25 animal units are kept near water bodies, or where significant pollution potential exists.			Ongoing	X			
	e. Obtain conservation easements and installing fencing, livestock crossings, and other improvements needed to protect stream corridors and reduce streambank erosion.			Ongoing	X			
54	9. Amend county zoning, shoreland zoning, land division and other ordinances to minimize impacts to, and promote restoration of, native ecological communities.	DPD	Chapter 11 vegetative buffer stds.	Complete		X		Continue to review and amend, as necessary,
54	10. Expand and enhance educational programs to promote sound environmental stewardship practices among private landowners.	UWEX, LWRD		Ongoing	X			
	a. Hold shoreland restoration demonstrations on public properties.			Not addressed	X			

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	b. Produce & distribute educational materials and websites related to native landscaping, tree care and maintenance and insect/disease control.			Ongoing	X			
	c. Encourage Cities, Villages & Towns to achieve Tree City USA status.			Ongoing	X			
	d. Show all public parks, trails, natural resource areas and public fishing, hunting and wildlife viewing lands on all county maps for public distribution.			Complete			X	
	e. Develop and install interpretive signs, develop school tours to publicize examples of good stewardship.			Ongoing	X			
	Water Resources Policies and Programs:				X	X		
57	1. Continue to implement and update the <i>Dane County Water Quality Plan</i> .	CARPC	Water Quality Plan	Ongoing	X			
	a. Work with the Wisconsin DNR, cities, villages, towns and municipal sewer districts to re-establish a regional entity, representative of the Dane County area, to:			Ongoing	X			
	i. Approve public sewer and water extensions under NR 121, Wisconsin Administrative Code, and in a manner consistent with the <i>Dane County Water Quality Plan</i> ;			Ongoing	X			
	ii. Provide information, mapping and protection for environmental and open space corridors;			Ongoing	X			
	iii. Approve public wastewater facilities and improvement planning in the context of comprehensive areawide and watershed plans for pollution control and resource protection. Make sure facility expansions meet other regional goals, such as capacity to accept septage;			Ongoing	X			
	iv. Coordinate water quality monitoring, and hydrological modelling;			Ongoing	X			
	v. Direct future updates of the <i>Dane County Water Quality Plan</i> .			Ongoing	X			
	b. Continue to support extension of public sewer service only within those areas designated as urban service areas or limited service areas in local, county and regional plans.			Ongoing	X			
	c. Fully fund and implement the county government action steps identified in the <i>Dane County Water Quality Plan</i> .			Ongoing	X			
57	2. Fully fund, implement and continue to update the <i>Dane County Land and Water Resources Plan</i> . (See Land Resources Policy 8).	LWRD	Land and Water Resources Plan	Ongoing	X			
58	3. Implement and enhance the <i>Dane County Parks and Open Space Plan</i> (See Land Resources Policies 4 and 5)	LWRD	Parks and Open Space Plan	Ongoing	X			

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58	4. By no later than 2008, Dane County staff, working with local units of government and local residents, will develop a schedule and a process to create a plan for each watershed in the county, focusing on issues of infiltration, wetland preservation, recommended development phasing and stream buffers over a 50-year timeline. These watershed plans, when completed, shall become a part of the water resources component in a future update of the <i>Dane County Comprehensive Plan</i> . Components of these watershed plans should include:	DPD, LWRD, CARPC	FUDA	Partially complete		X		Revise timeframes, incorporate into FUDA
	a. For each watershed, map:		FUDA	Partially complete		X		Revise timeframes, incorporate into FUDA
	i. permeable soils and land cover that promote infiltration.			Not addressed		X		Revise timeframes, incorporate into FUDA
	ii. known recharge areas, including wellhead protection areas for all municipal wells			Not addressed		X		Revise timeframes, incorporate into FUDA
	iii. areas suitable for wetland restoration			Complete		X		Revise timeframes, incorporate into FUDA
	iv. all currently protected lands (public lands, DNR easements, NRCS buffers, etc)			Complete		X		Revise timeframes, incorporate into FUDA
	v. public access points to each waterbody			Not addressed		X		Revise timeframes, incorporate into FUDA
	vi. Develop clearinghouse of information re: groundwater recharge rates, well locations, draw down rates, etc in areas to aid planning.			Not addressed		X		Revise timeframes, incorporate into FUDA
	b. Complete and implement the Dane County Waterbody Classification system (currently underway) to design programs that take into account the environmental sensitivity and existing development conditions for each water body. Program policies should treat all riparian landowners (including public, private, in incorporated or in unincorporated areas) within a particular waterbody class in a uniform way. Specific programs could include:			In progress	X			
	i. Waterbody-sensitive shoreland zoning regulations, including standards for vegetative buffer protection and restoration, mitigation of nonconforming uses, slope protection and conservancy overlay districts.			Complete		X		Shoreland regulations that are tailored to specific classes of waterbodies.
	ii. Cost-share funding, including wetland, lake shore and streambank restoration, in-water habitat.			Ongoing	X			
	iii. acquisition,			Ongoing	X			
	iv. education and			Ongoing	X			
	v. other county programs			Ongoing	X			
	c. Educate local communities about where their key ground and surface water features are (once mapped) so they can incorporate in land use and comprehensive plans.			Ongoing	X			

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	d. Analyze economic impacts of impaired waters, exceptional resource waters and outstanding resource waters.			Ongoing	X			
	e. Incorporate existing DNR information related to point-source and nonpoint-source pollutants within each watershed. Consult with DNR to maintain and update as necessary.			Ongoing	X			
	f. Consider program changes and recommendations to better protect watershed headwaters.			Ongoing	X			
	g. Work with cities and villages to use development and impact fees to help fund watershed planning efforts; add some levy funds for "all-rural" watersheds.			Not addressed	X			
	h. Identify funding and hire additional county staff to manage the watershed planning program and implementation.			Not addressed	X			
	i. Design a Land Evaluation and Site Assessment system (LESA) to specifically identify significant infiltration areas for each watershed.			Not addressed	X			
	j. Establish criteria and land use practices to promote infiltration on a watershed-wide basis.			Ongoing	X			
	k. Incorporate detailed, site-specific watershed studies as they become available.			Ongoing	X			
	l. Develop model watershed plans that introduce the concept of a "groundwater budget" for each watershed.			Not addressed	X			
59	5. Develop and implement an integrated flood prevention and mitigation program.	Emergency Mgt., PWHandT, LWRD	Flood Mitigation Plan	Ongoing	X			
	a. Fully implement the <i>Dane County Flood Mitigation Plan</i>	Emergency Mgt.		Ongoing	X			
	b. Revise county flood control and other facility design, maintenance and management policies to reduce flood hazards and better manage high water conditions. Specific issues to address include:	LWRD, PWH&T		Ongoing	X			
	i. Evaluate methods such as modification of bridge constrictions, aquatic plant modification, dredging, channel modification, etc. to increase flow conveyance.	PWH&T, LWRD		Ongoing	X			
	ii. Work with the WI DNR and municipalities to manage water control structures from Lake Mendota to below the Stebbinsville Dam under a unified, coordinated and recordable management strategy based on a Yahara River System management plan. Use the calibrated Yahara Lakes model currently under development to optimize management of the Yahara Lake system	LWRD		Ongoing	X			
	iii. Continue to work with the WI DNR to design water level orders to address all four seasons, not just summer maximum and winter minimum.	LWRD		Ongoing	X			
	iv. Continue to work with the WI DNR to coordinate lake levels in the Yahara River system to support fish spawning and survival and support native aquatic vegetation.	LWRD		Ongoing	X			

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	v. Establish a structure and process for ongoing planning and funding for capital improvement and maintenance of flood control and navigation structures on the Yahara River system (i.e. locks, dams, conveyance channels). Explore the use of user fees to finance operations and maintenance of boat launch facilities and locks.	LWRD		Ongoing	X			
	vi. Continue to evaluate the need to renovate Tenney, Babcock and LaFollette lock and dams. The evaluation should include the possibility of automating the gates at one or all of the dams.	LWRD		Ongoing	X			
	c. Provide sufficient resources to actively enforce and administer county floodplain zoning ordinances to strictly limit new development within floodplains. Evaluate county and municipal floodplain zoning standards to see if ordinances adequately protect floodplains and revise as necessary.	DPD		Ongoing	X			
59	6. Work with the WIDNR and municipalities to manage water control structures from Lake Mendota to below the Stebbinsville Dame under a unified, coordinated and recordable management strategy based on an Yahara River System management plan.	LWRD, WI DNR, municipalities		Ongoing	X			
59	7. Remove closed pipes/channels and establish natural waterways in their place where possible, with exceptions for active agricultural practices.	LWRD, WI DNR, PWH&T		Ongoing	X			
60	8. Continue, enhance and update county erosion control and stormwater management programs.	LWRD		Ongoing	X			
	a. Ensure there is adequate budget and staff for construction site erosion control and stormwater management to meet plan review and inspection targets as described in Chapter 14, Dane County Code.	LWRD		Ongoing	X			
	b. Develop capacity and funding source to have county perform or contract for emergency stabilization work on sites where significant erosion or flood damage is occurring as a result of permit violations.	LWRD		Check status	X			
	c. Support amendments to state law to permit county or regional stormwater utilities to plan and construct regional stormwater facilities to serve watersheds with a high level of existing development and significant stormwater problems. Identify a permanent source of funding for project development, construction and ongoing maintenance.	County lobbyist		Ongoing	X			
	d. Review county zoning and land division ordinances to see if there are opportunities to modify parking lot, street width and other standards to reduce impervious surface areas of new developments. Encourage permeable paving surfaces in parking lots, overflow parking areas and walkways.	DPD		Not addressed	X			

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	e. Continue to evaluate new technologies and practices such as rain gardens, permeable pavements, enhanced infiltration techniques and other stormwater technologies for inclusion in the <i>Dane County Erosion Control & Stormwater Management Manual</i> . Promote the use and understanding of the manual to as wide an audience as possible. Establish county demonstration projects for new practices, such as permeable surface installation.	LWRD		Ongoing	X			
	f. Work with local municipalities to adopt minimum standards for shoreland, floodplain and wetland zoning, road salt (or other ice or snow melt material) use, street cleaning, storm sewer maintenance, storm sewer outlet protection, shoreline protection, and construction site erosion control ordinances. Continue to develop standards for stormwater management plans in conjunction with local and state management agencies.	LWRD, LWC, DPD		Ongoing	X			
	g. Develop a schedule to monitor installed stormwater management practices to evaluate their maintenance and long-term effectiveness.	LWRD		Ongoing	X			
	h. Work with towns, cities and villages to design incentives, such as density-bonuses, cost-share or tax breaks, for development designs and practices that go beyond minimum standards for water quality protection.	DPD	??	Ongoing	X			
	i. Encourage creation of and improvements to municipal stormwater utilities' rate structures to provide incentives for practices such as permeable pavement, rain garden installation, etc.	CAPD, LWRD	??	Ongoing	X			
	j. Work with cities and villages to allow developers to meet infiltration requirements by cost-sharing infiltration practices in other locations, e.g., private homes, schools, churches – this could operate like a “infiltration mitigation bank”	LWRD, CAPD	??	Not addressed	X			
	k. Encourage Business certification processes, such as Green Tier, that include training for improved stormwater management.	UWEX, LWRD	??	Ongoing	X			
	l. Provide ongoing funding for county urban water quality program to upgrade and retrofit stormwater outfalls.	LWRD, LWC	??	Ongoing	X			
60	9. Work with local municipalities to adopt minimum standards for shoreland, floodplain and wetland zoning, road salt (or other ice or snow melt material) use, street cleaning, storm sewer maintenance, storm sewer outlet protection, shoreline protection and construction site erosion control ordinances.	LWRD, DPD, CARPC		Ongoing	X			
61	10. Expand and enhance the tools available to the county and other communities to promote groundwater protection.		Water Quality Plan	Ongoing	X			

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				Status 2013	Keep?	Modify?	Done?	Notes
	a. Develop a county-wide program, that includes purchase of development rights or acquisition, dedicated to protecting areas of significant infiltration, municipal wellhead areas, and lands contributing to recharge of major aquifers. This could ultimately serve as an "infiltration mitigation bank" to assist in meeting state and county stormwater infiltration requirements on a watershed or regional basis. Develop a funding program that would allow for joint contributions from local, county, state and federal governments and private sources.	DPD, LWRD		Not addressed	X			
	b. Identify high recharge areas in existing developments and promote demonstration / research projects there to mitigate the impacts of concentrated impervious areas.	LWRD		Ongoing	X			
	c. Work with municipalities to develop wellhead protection plans to maximize infiltration and prevent groundwater pollution.	DPD, CARPC		Not addressed	X			
	d. Amend the county land division ordinance to promote site design that maximizes infiltration.	DPD		Not addressed	X			
	e. Define parameters of "major land use" needing hydrological analysis. Develop a systematic methodology to examine hydrological impacts at the time a rezone request is made.	DPD		Partially complete	X			
	f. Make hydrologic resources (facts, computer modeling, etc) widely available to county staff, towns, cities and villages. Provide training where appropriate to assist in the use of these resources.	CAPD		Partially complete	X			
	8. Provide partial funding for a feasibility study and an environmental assessment to explore returning treated wastewater to groundwater in the upper portions of the Yahara River watershed. Such a study should:	CAPD		Partially complete	X			
	a. Build on current work by U.W. Odana Road Co-Generation Plant groundwater infiltration project, and include recommendations to expand similar programs to other watersheds.	LWC, CAPD		Not addressed	X			
	b. Identify partners such as Madison Metropolitan Sewerage District, the Wisconsin DNR, the University of Wisconsin, Wisconsin Geological and Natural History Survey, the Cities of Madison, Middleton and others for potential supplemental funding and support.	LWC, CAPD		Not addressed	X			
	c. Suggest amendments to state, county and local regulations, as well as regional water and sewer utility policies, to allow for such a practice while protecting groundwater and surface water quality.	LWC, County lobbyist		Not addressed	X			
	d. Evaluate the current state of infiltration, effluent treatment, and water conservation technologies. Recommend ways (such as county, state and University –funded research) to stimulate development of any new technologies needed.	CAPD, LWRD		Not addressed	X			
61	11. Develop a county program to monitor land spreading of septage and enforce state requirements.	Env. Health		Complete	X			

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	a. Amend the county zoning ordinance, the county sanitary code, or other appropriate ordinances to allow county officials to regulate siting and to enforce requirements for landspreading of septage.	DPD, Env. Health		Complete	X			
	b. Establish a fee structure sufficient to add dedicated staff to conduct, monitoring, inspection and enforcement related to septage landspreading operations.	Env. Health		Complete	X			
62	12. Develop a set of educational materials and programs to promote water stewardship, infiltration, and water conservation.	LWC, UWEX		Ongoing	X			
	a. Continue to hold regular workshops for developers and construction companies to educate them about best management practices, regulatory standards, and to encourage practices that go beyond minimum standards.			Ongoing	X			
	b. Hold annual county-wide or basin-wide watershed groups meeting.			Ongoing	X			
	c. Develop maps and other educational materials and audio-visual media materials that illustrate the "water cycle" for Dane County – where our water comes from, where it goes, how water flows from house to street to stream to land.			Ongoing	X			
	d. Encourage county and local parks and the University of Wisconsin to model state of the art practices that protect water quantity and quality (i.e., infiltration, less mowing, mulching, re-establishment of native vegetation, etc.).			Not addressed	X			
	e. Develop clearinghouse of information re: groundwater recharge rates, well locations, draw down rates, etc in areas to aid planning.			Not addressed	X			
	f. Develop educational programs to build public understanding and acceptance of new wastewater treatment, groundwater restoration and water conservation techniques.			Not addressed	X			
	g. Provide information and guidelines to promote a culture of respect among shoreline property owners, recreational users, and others.			Ongoing	X			
	h. Use street signs to educate public on watershed boundaries.			Not addressed	X			
	i. Educate landowners in mapped groundwater sensitive areas about ways to voluntarily protect groundwater (areas with shallow aquifers, karst topography, etc).			Not addressed	X			
	j. Implement an ongoing media campaign to promote water conservation, rain barrels, cessation of lawn watering, leaf collection, native landscaping, mulching and acceptance of the occasional brown lawn.			Ongoing	X			
	k. Create "Welcome to the Watershed" packet for new homeowners (seek assistance from developers).			Partially complete	X			
	l. Coordinate with neighborhood associations, 4-H, and other community groups to implement educational programs.			Ongoing	X			

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	m. Discourage farmers from spreading manure on frozen land and help them establish alternatives such as cooperative manure handling. Implement existing winter manure spreading ordinance under Chapter 14, Dane County Code.			Complete	X			
	n. Provide better public access to recommendations, decisions and information related to Dane County water issues through the internet, e-mail, brochures, newsletters and other outreach efforts.			Ongoing	X			
	o. Use public access points as opportunities for education, e.g., indicate what watershed you're in and its importance; current planning processes, management goals & projects; how-to information on rain gardens, permeable surfaces, etc.			Ongoing	X			
62	13. Work with municipal water suppliers to adopt rate structures that encourage conservation.	LWC, CARPC, LWRD		Not addressed	X			
63	14. Develop a wildlife management plan that addresses endangered, threatened, native, nuisance, and invasive species, including aquatic and near-shore plants and wildlife.	LWC, DPD	FUDA?	Not addressed	X			
63	15. As funds and resources permit, explore the feasibility and effectiveness of constructing a phosphorus-removal treatment plant in the Yahara chain of lakes, possibly at the Tenney Locks and Dam.	LWRD		Not addressed	X			
63	16. Work cooperatively with anglers, water recreation, conservation and watershed groups and build on the efforts of the Lakes and Watershed Commission's "Take a Stake in the Lakes" campaign to maintain an effective countywide pool of water resources volunteers. Train and assist volunteers to:	LWC, LWRD, UWEX		Ongoing	X			
	a. Inspect boats for invasive species at boat landings;			Ongoing	X			
	b. Perform basic water quality and control structure monitoring tasks for all lakes, streams and urban and rural drainageways;			Ongoing	X			
	c. Work with schools and youth groups to involve youth in watershed clean-up and restoration projects;			Ongoing	X			
	d. Participate in shoreland, wetland and floodplain restoration and demonstration projects			Not addressed	X			
	e. Educate water users and riparian landowners about water quality, quantity and use issues.			Ongoing	X			
63	17. Support amendments to state statute to include a watershed organization representative on the Dane County Lakes and Watershed Commission.	County lobbyist		Ongoing	X			
Wildlife Resources Policies and Programs:					X			
64	1. Develop a Wildlife Conservation Plan for Dane County, that is partially modeled on and coordinated with the Wisconsin's Wildlife Action Plan, to conserve species of concern.	LWRD, DPD	Land and Water Resources Plan, Parks and Open Space Plan	Not addressed	X			

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	a. Work cooperatively with local DNR fisheries, wildlife and forestry managers, University of Wisconsin departments such as wildlife ecology, regional planning and landscape architecture, and non-profit groups to develop a Wildlife Conservation Plan and a related map, that includes:			Not addressed	X			
	• Significant wildlife areas and areas for potential habitat restoration, along with connecting travel corridors;			Partially complete	X			
	• Natural resource areas identified in the Dane County Parks and Open Space Plan;			Complete	X			
	• Land protection and stewardship needs for all rare and endangered wildlife populations in the county.			Partially complete	X			
	• Places where overpopulated species are causing nuisance or agricultural economic losses. Use this to help guide choices in the possible creation of additional habitat or improvement of habitat.			Not addressed	X			
	• Publicly accessible areas for wildlife viewing, including roadways that can be noted as wildlife viewing drives, roadside pull-over space where there are views of natural areas, and hiking and biking trail access for wildlife viewing on county lands.			Partially complete	X			
	b. Develop a strategy to identify and capture state, federal and other ongoing funding for plan development and ongoing wildlife habitat protection and restoration.			Not addressed	X			
	c. Use existing survey data and volunteers to collect survey data.			Not addressed	X			
	d. Seek cooperation of local governments in mapping habitat areas and the connecting corridors on private lands, as well as documenting wildlife nuisance concerns resulting from local wildlife overpopulation.			Not addressed	X			
	e. Where possible, try to include identified land wildlife corridors in exclusive agriculture zoning and as priority areas for protection.			Partially complete	X			
	f. Establish with partners, including volunteers, a long-term program of bird and amphibian diversity monitoring in selected areas to measure changes in diversity over time. Use this along with threatened/endangered species monitoring data as indicators of changing habitat conditions for both common and non-common wildlife.			Not addressed	X			
	g. Develop a voluntary landowner program for land conservation and stewardship within wildlife corridors identified by this plan, and use voluntary PDR/TDR to permanently protect lands in these corridors as well as to create or expand habitat areas.			Not addressed	X			
65	2. Expand outreach and education programs related to wildlife concerns:			Ongoing	X			
	a. Include public fishing, hunting and wildlife viewing grounds on publicly distributed county maps. (See Land Resources Policies and Programs.)	LIO, DPD, LWRD, CAPD		Complete	X			

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	b. Create a comprehensive wildlife viewing guide, that includes maps of publicly accessible wildlife areas, for Dane County in cooperation with agencies such as the DNR and non-profit partners.	UWEX, LWRD		Not addressed	X			
	c. Work with school districts and such environmental organizations as the Aldo Leopold Center, UW-Madison Arboretum, watershed organizations, Friends groups and school forests to educate students about ecological value of native grasslands and woodlands.	UWEX		Ongoing	X			
	d. Work with neighborhood associations, garden clubs and other local groups to adopt a natural area and promote native plant landscaping.	UWEX, LWRD		Ongoing	X			
	e. Incorporate wildlife habitat concerns into forestry management plans for woodlands on private lands.	UWEX, Tree Board		Not addressed	X			
	f. Broadly distribute existing invasive plant identification/control publications to urban and rural landowners, landscapers, plant nurseries and horticulture operations. Discourage sale and use of invasive species.	UWEX, DPD		Ongoing	X			
66	3. Seek partnership with the DNR and willing landowners to purchase hunting access easements or leases on private lands in a comprehensive county program. Promote use of public access provisions under the state Managed Forest Law to make more private land available for hunting.	LWRD		Ongoing	X			
66	4. Manage public facilities and lands to restore and maintain terrestrial and aquatic wildlife habitat and remove invasive species.	LWRD, PWHandT		Ongoing	X			
	a. Include a wildlife management plan for all existing and new park lands.				X			
	b. Replace lawn areas in parkland and other county property with native vegetation where feasible. Reduce mowing in areas where native plant restoration is not feasible.				X			
	c. Explore active removal, physical barriers such as barrier dams, and biological controls to reduce non-native aquatic species in Dane County waters. Seek to create conditions that will favor eventually restoring native species such as wild rice and other wetland species.				X			
	d. Continue to conduct controlled burns on a regular basis on county-owned lands.				X			
66	5. Develop a county invasive species ordinance banning the sale and planting of a county-developed list of most troublesome species, with focus on non-natives and species that invade croplands.	DPD		Not addressed	X			
66	6. Develop a county land and wildlife steward award program modeled after the Lakes and Watershed Commission's "Water Champions" program. Reward by recognition landowners, farmers and other citizens who have made outstanding contributions to wildlife habitat and natural resources conservation.	LWRD, Parks Commission		Not addressed	X			

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	Historic and Archaeological Resources Policies and Programs:				X			
68	1. Work with the Wisconsin Historical Society and the National Park Service to designate Dane County as a Certified Local Government for historic preservation.	DPD, Cultural Affairs		Not addressed	X			
	a. Establish a Dane County Historic Preservation Commission that includes Dane County residents with expertise in history, architectural history, architecture, and archaeology, to oversee the Historic Preservation program.			Not addressed	X			
	b. Develop a source of funding and permanent staffing resources to effectively administer a county historic preservation program.			Not addressed	X			
	c. Establish a system of designation priorities and a coordinated preservation program.			Not addressed	X			
	d. Working with the Dane County Historic Preservation Commission, the Dane County Cultural Affairs Commission, local historical societies, town government and the State Historical Society, identify and map properties and districts for inclusion in historic preservation programs.			Partially complete	X			
	e. Provide county, state, local and federal assistance to identify, register and document architectural resources and sponsor nomination of eligible resources to the National Register of Historic Places.			Not addressed	X			
	f. Conduct periodic surveys of the county on an ongoing basis to update designated lists of historically significant properties.			Not addressed	X			
	g. Amend the county historic and archaeological overlay zoning district, or develop and adopt a new ordinance, to meet State Historical Society of Wisconsin standards for historic preservation.			Not addressed	X			
68	2. Explore the availability and use of grant money to rehabilitate, restore or relocate historic structures threatened by demolition or disrepair. Explore incentives, such as historic preservation Tax Increment Financing (TIF) districts, grants or other tools, to encourage historic preservation.	DPD, Cultural Affairs		Partially complete	X			
68	3. Amend county zoning and land division ordinances to promote better protection, adaptive reuse and rehabilitation of historic resources. (See Land Use Policies.)	DPD	Limited Rural Business category	Partially complete	X			
69	4. Implement and enhance the <i>Dane County Parks and Open Space Plan</i> to acquire and manage lands of historic or archaeological significance. Include historic, cultural and archaeological significance among the criteria for acquiring and managing lands under all county real estate programs, including parks, public facilities, PDR and TDR programs (See Land Resources Policies 4 and 5).	LWRD	POSP	Ongoing	X			

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69	5. Work with the Wisconsin Historical Society, UW Extension, local historical societies, the Dane County Cultural Affairs Commission and the proposed Dane County Historic Preservation Commission to develop and implement an ongoing public participation and education program related to historic and archaeological resources.	UWEX, DPD, Cultural Affairs		Not addressed	X			