

**DANE COUNTY 2017 ANNUAL WORK PLAN  
LOCALLY-IDENTIFIED PRIORITIES**

Table 1: Planned activities and performance measures by category

CATEGORY	PLANNED ACTIVITIES WITH BENCHMARKS	PERFORMANCE MEASUREMENTS
<p><b>Cropland, soil health and/or nutrient management</b></p> <p>Maintain agricultural lands long-term production and manage crop nutrients in an economic and environmentally sound manner while protecting and improving the quality of groundwater and surface water in Dane County and providing education to targeted audiences. (1.1, 1.2, 2.1, 2.2, 2.3, 4.5, 6.1, 6.2)</p>	<p>Plan, design and/or install cropland conservation practices:</p> <ul style="list-style-type: none"> <li>• 20 waterways projects cost-shared</li> <li>• 5 diversions, grade stabilization or terrace projects cost-shared</li> <li>• 300 acres of cover crops, no-till, reduced tillage and similar projects cost-shared</li> <li>• 2 low disturbance manure injection toolbars cost-shared</li> </ul> <p>Provide nutrient management technical assistance including training, planning and review of 50 nutrient management plans.</p> <p>Conduct at least 2 nutrient management workshops for past or new farmer written nutrient management plans.</p> <p>Conduct a cover crop initiative in partnership with UWEX and NRCS focused on aerial seeding of silage ground including outreach meetings.</p> <p>Hold annual agronomist check-in meeting.</p> <p>Hold at least 1 cover crop/soil health demonstration.</p> <p>Conduct annual county-wide crops and tillage survey.</p> <p><i>Note: Efforts will be implemented county-wide but focused where appropriate in the Yahara River, Badfish Creek and Door Creek watersheds.</i></p>	<p>Type and units of practice(s) installed</p> <p>Amount of cost-share dollars allocated</p> <p># lbs of P reduced (calculated for targeted watersheds only)</p>

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<p><b>Livestock</b></p> <p>Maintain agricultural lands long-term production while protecting and improving the quality of groundwater and surface water in Dane County and providing education to targeted audiences. (1.2, 2.2, 2.3, 4.5, 6.1, 6.2)</p>	<p>Plan, design and/or install livestock facility conservation practices:</p> <ul style="list-style-type: none"> <li>• 3 barnyard systems cost-shared</li> <li>• 2 storage facility closures cost-shared</li> <li>• 2 pasture management, fencing or related practices cost-shared</li> <li>• 1 small scale process wastewater system</li> </ul> <p>Provide conservation practice technical assistance to 10 landowners associated with livestock facility conservation practices.</p> <p>Review and issue 5 manure storage permits and conduct 10 manure storage permit inspections.</p> <p>Review and issue 2 manure storage closure permits.</p> <p>Review and issue 5 winter spreading permits under Chapter 14 and conduct status reviews on 20% of the permits annually.</p> <p>Hold at least 1 manure storage permit educational meeting targeted for applicants and consultants.</p> <p>Establish a grazing network in partnership with UWEX and Glacierland RC&amp;D including facilitated roundtable discussion with targeted grazing operators and 2 pasture walks.</p> <p><i>Note: Efforts will be implemented county-wide but focused when appropriate in the Yahara River, Badfish Creek and Door Creek watersheds.</i></p>	<p>Type and units of practice(s) installed</p> <p>Amount of cost-share dollars allocated</p> <p># lbs of P reduced (calculated for targeted watersheds only)</p>

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<p><b>Water quality/quantity</b></p> <p>Protect and enhance in-stream, riparian, wetland and upland habitat. (3.1)</p>	<p>Implement Year 1 of the Dane County Legacy Sediment Removal Project.</p> <p>Complete Phase 2 of a 2,985 ft. stretch of streambank protection on the Sugar River at the Sugar River Basco Unit Wildlife Area in the Town of Montrose.</p> <p>Work with willing sellers on acquiring streambank easements along cold water trout streams.</p>	<p>Type and units of practice(s) installed</p> <p>Amount of cost-share dollars spent</p> <p># acres added with easements</p>
<p><b>Invasive species</b></p> <p>Develop and implement an invasive species program for aquatic and terrestrial invasive species. (3.5, 4.6, and 6.3)</p>	<p>Review and update Aquatic Plant Management Plan for the Yahara Chain of Lakes and River.</p> <p>Inspect watercraft (CBCWW) at select landings for AIS on both Mendota and Monona lakes.</p> <p>Update Dane County Emerald Ash Borer Management Plan.</p> <p>Evaluate and continue EAB wood recycling options and programs.</p> <p>Remove common carp from Dane County waters targeting Indian Lake, Cherokee Marsh, Lake Kegonsa, and Mud Lake.</p> <p>Conduct near-shore fish surveys for Mendota and Monona Lakes.</p> <p>Work with volunteers to control invasive species along streambank easement corridors and Dane County Parks properties.</p> <p>Install EAB and Wood Recycling educational displays at parks affected by EAB</p> <p>Install Invasive Pests and Wood Recycling Exhibit at Henry Vilas Zoo.</p>	<p># hours logged at (2) specified landings</p> <p># lbs carp removed</p> <p># surveys completed</p>

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<p><b>Wildlife-Wetlands-Habitat</b></p> <p>Provide assistance to Dane County Parks to improve and enhance habitat. (3.1, 3.2, 3.3, 4.4, and 6.1)</p> <p>Work with landowners to implement CRP and CREP Programs for maintaining, restoring and enhancing habitat on marginal lands. (1.1, 3.2 and 3.3)</p>	<p>Pursue land acquisitions to conserve natural resource properties in the Dane County Parks and Open Space Plan.</p> <p>Work with Southwest Trout Unlimited volunteers to evaluate and maintain improved stream corridors that are covered by perpetual Dane County Streambank Easements.</p> <p>Provide planning and technical assistance to landowners for new and re-enrollment to CRP and CREP:</p> <ul style="list-style-type: none"> <li>• 50 re-enrollment contracts</li> <li>• 25 new enrollment contracts</li> </ul> <p>Assist FSA and NRCS with contracting new and re-enrollment contracts.</p>	<p># acres purchased/protected</p> <p># contracts completed</p>
<p><b>Urban issues</b></p> <p>Implement erosion control and storm water management programs (5.3)</p>	<p>Review and issue erosion control and storm water management plans and permits.</p> <p>Conduct erosion control and storm water management compliance inspections and enforcement.</p> <p>Implement Urban Water Quality Grant program.</p>	<p># plans reviewed</p> <p># permits issued</p> <p># inspections completed</p> <p># grants awarded</p>
<p><b>Watershed strategies</b></p> <p>Implement conservation practices for alternative point source phosphorus compliance options and TMDL implementation in accordance with applicable plans and service agreements. (1.2 and 2.3)</p>	<p>Provide technical services to implement conservation practices and track phosphorus load reductions for Yahara WINS Adaptive Management Project focused in the Yahara River and Badfish Creek Watersheds.</p>	<p># meetings attended/presentations given</p>





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	<p>Continue Career and College Pathways program(Forestry emphasis) at Madison Area Schools &amp; other districts with similar program in 4-5<sup>th</sup> grade, Middle school, High school (appropriate disciplines).</p> <p>Continue Forestry related disciplines with Project Green Teen at Malcom Shabazz High School.</p> <p>Continue Dream night and Rising above barriers tree climbing program with terminally ill and disabled children.</p> <p><i>Note: Activities will be implemented county-wide but focused when appropriate in the Yahara River, Badfish Creek and Door Creek watersheds.</i></p>	
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Table 2: Planned activity related to permits and ordinances

Permits and Ordinances	Plans/application reviews anticipated	Permits anticipated to be issued
Feedlot permits	n/a	n/a
Manure storage construction and transfer systems	5	5
Manure storage closure	2	2
Livestock facility siting	n/a	n/a
Nonmetallic/frac sand mining	n/a	n/a
Stormwater and construction site erosion control	300	300
Shoreland zoning	n/a	n/a
Wetlands and waterways (Ch. 30)	n/a	n/a
Other		
Winter Spreading Permits (Ch. 14 DC ordinance)	5	5

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Table 3: Planned inspections

<b>Inspections</b>	<b>Number of inspections planned</b>
Total Farm Inspections	225
For FPP	200
For NR 151	25
Animal waste ordinance	30
Livestock facility siting	n/a
Stormwater and construction site erosion control	100
Nonmetallic mining	n/a

Table 4: Planned outreach and education activities

<b>Activity</b>	<b>Number</b>
Tours	1
Field days	3
Trainings/workshops	11
School-age programs (camps, field days, classroom)	10
Newsletters	12
Social media posts	50
News release/story	2