

**DANE COUNTY 2018 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

Table 1: Planned activities and performance measures by category

CATEGORY	PLANNED ACTIVITIES WITH BENCHMARKS	PERFORMANCE MEASUREMENTS
<p>Cropland, soil health and/or nutrient management</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"> • 20 waterways projects cost-shared • 5 diversions, grade stabilization or terrace projects cost-shared • 300 acres of cover crops, no-till, reduced tillage and similar projects cost-shared • 2 low disturbance manure injection toolbars cost-shared <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>Hold annual agronomist check-in meeting.</p> <p>Hold at least 1 cover crop/soil health demonstration.</p> <p>Conduct annual county-wide crop 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>Livestock</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"> • 3 barnyard systems cost-shared • 2 storage facility closures cost-shared • 2 pasture management, fencing or related practices cost-shared <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 25% of the permits annually.</p> <p>Hold at least 1 manure storage permit educational meeting targeted for applicants and consultants.</p> <p>Facilitate construction bidding process for interested landowners.</p> <p>Continue growing the Dane County Grazing Network. Conduct at least 3 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>Water quality/quantity</p> <p>Protect and enhance in-stream, riparian, wetland and upland habitat. (3.1)</p>	<p>Continue implementation of the Dane County Legacy Sediment Removal Project.</p> <p>Implement 2 streambank protection projects.</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>Invasive species</p> <p>Develop and implement an invasive species program for aquatic and terrestrial invasive species. (3.5, 4.6, and 6.3)</p>	<p>Inspect watercraft (CBCWW) at select landings for AIS on both Mendota and Monona lakes.</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># hours logged at (2) specified landings</p> <p># lbs carp removed</p> <p># surveys completed</p>

CATEGORY	PLANNED ACTIVITIES WITH BENCHMARKS	PERFORMANCE MEASUREMENTS
<p>Wildlife-Wetlands-Habitat</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>Pursue land acquisitions to conserve natural resource properties in the Dane County Parks and Open Space Plan.</p>	<p># acres purchased/protected</p>

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<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>Provide planning and technical assistance to landowners for new and re-enrollment to CRP and CREP:</p> <ul style="list-style-type: none"> • 50 re-enrollment contracts • 20 new enrollment contracts <p>Assist FSA and NRCS with contracting new and re-enrollment contracts.</p>	<p># contracts completed</p>
<p>Urban issues</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>Watershed strategies</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>Evaluate options for potential partnerships with point sources to implement conservation practices including:</p> <ul style="list-style-type: none"> • Lodi Wastewater (Lake Wisconsin Watershed) • Dane/Iowa Wastewater (Black Earth Creek Watershed) • Belleville Wastewater (Upper Sugar River Watershed) <p><i>Note: Practice implementation is accounted for under cropland and livestock implementation goals identified above. Program management and reporting is accounted for under this activity.</i></p>	<p># meetings attended/presentations given</p>

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<p>Outreach & Education</p> <p>Implement educational programs aimed at reducing quantity and improving quality of urban storm water runoff. (4.5, 6.2, 6.3)</p> <p>Conduct general education and outreach activities to a variety of audiences based on current priorities. (6.1, 6.2)</p>	<p>Coordinate Plant Dane! Plant Cost Share Program and distribute 10,000 native plants.</p> <p>Host 1 Rain Garden Workshop targeting residents.</p> <p>Develop and distribute 3 campaign/communication toolkits for partners to promote various best management practices within their communities.</p> <p>Host 2 Effective Winter Maintenance Workshop for salt applicators and managers.</p> <p>Distribute monthly electronic newsletters to Madison Area Municipal Stormwater Partnership (MAMSWaP) with information and resources on how they can implement stormwater outreach programs in their communities.</p> <p>Develop and/or update educational outreach materials focused on conservation practices and watershed projects.</p> <p>Conduct five Watershed Network Gatherings.</p> <p>Engage volunteers in projects to improve county water resources.</p> <p>Expand the Free Native Plants for School and Community Projects program. Conduct one training workshop for volunteers.</p> <p>Work with the Dane County Office of Equity and Inclusion as well as other community organizations to expand the diversity of audiences reached through water-related events, activities, and educational opportunities.</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>	<p># Plant Dane participants</p> <p># Plant Dane plants distributed</p> <p># Rain Garden Workshop participants and workshop evaluations</p> <p># Effective Winter Maintenance Workshop participants and workshop evaluations</p> <p># Newsletters distributed</p> <p># participants at meetings and workshops</p> <p># education and outreach materials developed</p> <p># volunteer opportunities posted on www.takeastate.org</p> <p># volunteers engaged with projects</p> <p># native plants donated to schools and community projects</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

Table 3: Planned inspections

Inspections	Number of inspections planned
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

Activity	Number
Tours	1
Field days	3
Trainings/workshops	8
School-age programs (camps, field days, classroom)	5
Newsletters	12
Social media posts	50
News release/story	2

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Table 5: Staff Hours and Expected Costs (staff can be combined or listed individually)

Staff/Support	Hours	Costs
County Conservationist	2080	\$122,944
Engineer	2080	\$113,472
Conservation Specialist (x9)	18,720	\$806,215
GIS Specialist	1200	\$80,809
LTE	1040	\$37,084
Cost Sharing (can be combined)		
Bond (State & Local)	N/A	\$500,000
SEG (State)	N/A	\$100,000