

<p>Notice of Public Meeting</p> <p>Thursday, August 13</p> <p>Immediately following Public Hearing</p>	<p>LAND CONSERVATION COMMITTEE</p>	<p>Door County Government Center County Board Room, 1st floor 421 Nebraska Street, Sturgeon Bay, WI</p>
<p>Oversight for Soil & Water Conservation Department</p>		

AGENDA

1. **Call Meeting to Order**
2. **Establish a Quorum**
3. **Adopt Agenda / Properly Noticed**
4. **Correspondence** Page 2
5. **Public Comment** (Maximum agenda item of 30 minutes with a maximum of three minutes per speaker)
6. **Supervisor Response**
7. **Approve Minutes: 7/9/20 LCC Minutes** Page 5
8. **2021 – 2030 Land and Water Resource Management Plan**
 - 8.1. Land Acknowledgement – Discussion
 - 8.2. Draft for State Land & Water Conservation Board – Discussion/Approval
 - 8.3. DATCP submittal (Implementation Review, 2019 Annual Work Plan/Accomplishments, 2020 Annual Work Plan) – Discussion/Approval Page 7
9. **Invasive Species Program**
 - 9.1. Authorization to Apply for WI DNR Surface Water Grant Program – Approval Page 22
 - 9.2. Phragmites Control Program RFP – Review/Accept/Award Page 23
10. **Dunes Lake Restoration Update**
11. **Agricultural Program Overview**
12. **Soil & Water Resource Management Grant Program**
 - 12.1. Landowner/Operator Cost-share Agreement – Approval(s) Page 24
13. **SWCD Water Pollution Abatement Cost-Share Program**
 - 13.1. Water Pollution Abatement Cost-Sharing Program Policy Revision – Approval Page 25
 - 13.2. Landowner/Operator Cost-share Agreement – Approval(s) Page 27
14. **Budget**
 - 14.1. Possible Fee for Discussion Only
15. **Door County 2020 Private Well Monitoring Program Update** Page 28
16. **Vouchers, Claims and Bills** Page 30
17. **Future Agenda Items**
18. **Next Meeting Dates:** September 3, 2020 8:30 a.m. – Regular LCC Meeting
19. **Meeting Per Diem Code**
20. **Adjourn**

In light of the declared state of emergency and to mitigate the impact of COVID-19 this meeting will be conducted by teleconference or video conference. Members of the public may join the meeting remotely or in-person in the Peninsula Room (C121) 1st Floor Government Center (please note public in-person has limited capacity and is on a first come, first served basis).

To attend the meeting via computer:

Go to:

<https://doorcounty.webex.com/doorcounty/onstage/g.php?MTID=e41f16b6169a9aa29e27629b89e0b1d6f>

Event password: Aug13lcc2020

To connect via phone:

Call 1-408-418-9388

Access code: 146 924 2036

Deviation from the order shown may occur

Hanson, Beth

From: HANSON, ERIN
Sent: Thursday, August 6, 2020 9:21 AM
To: Hanson, Beth
Subject: FW: Ahnapee at Algoma - June 27 Pulse Facebook Photos

Erin Hanson
Phone: (920) 746-2216
ehanson@co.door.wi.us

From: FreixCompany 2012 <draftdepot04@yahoo.com>
Sent: Tuesday, August 4, 2020 1:23 PM
To: Fisher, Kenneth <District10@co.door.wi.us>; Austad, Daniel <District8@co.door.wi.us>
Cc: PABICH, KEN <kpabich@co.door.wi.us>; Chomeau, Vinni <District18@co.door.wi.us>; Bultman, Bob <District19@co.door.wi.us>; HANSON, ERIN <ehanson@co.door.wi.us>; Rep. Kitchens <rep.kitchens@legis.wisconsin.gov>; Coulthurst, Greg <GCoulthurst@co.door.wi.us>
Subject: Ahnapee at Algoma - June 27 Pulse Facebook Photos

Committee Chairpersons,

Kindly inform myself and the entire public of what Door County's definition of allowable contaminated sediment transfer into waters of the state is. Apparently the outflows documented in these photos don't even meet DCSWC definitions of a single point source of pollution.

The Chair of the Assembly Committee on the Environment stated on WDOR, July 20, that decades of extremely contaminated sediment had been trapped behind the county-owned infrastructure know as the Forestville Dam and the river will eventually look much cleaner once it is flushed out to Lake Michigan.

A week after the July 28, 2020 regular Board of Supervisor meeting, I've not been responded to about this concern, expressed in my public comment.

Thanks for your attention to this email, now how about some attention to remediating what most people would describe as an ongoing environmental catastrophe.

Peace, and immediately resolve this problem please.

Donald Freix
Fish Creek, WI

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[https://scontent-iad3-1.xx.fbcdn.net/v/t1.0-9/106275391_10159068844293488_8608609067501184410_o.jpg? nc cat=106& nc sid=8024bb& nc ohc=RNX-3M-EnUMAX_wRj7K& nc ht=scontent-iad3-1.xx&oh=9fd66a20bfb4349f53a5ed8a1e262962&oe=5F4D41EE](https://scontent-iad3-1.xx.fbcdn.net/v/t1.0-9/106275391_10159068844293488_8608609067501184410_o.jpg?nc_cat=106&nc_sid=8024bb&nc_ohc=RNX-3M-EnUMAX_wRj7K&nc_ht=scontent-iad3-1.xx&oh=9fd66a20bfb4349f53a5ed8a1e262962&oe=5F4D41EE)

SWCD Staff,

I wanted to let you know that you were recognized at the recent Land Information Council (LIC) meeting for new technology incorporated into the Department (Lidar derivatives, Municipality web-based program tracking, and in-field Collector app on tablet + phones). Please use the gift card for a lunch celebrating your accomplishments. Thank you for your efforts and I wish you all continued success.

Tom Heigler

GIS / LIO Coordinator

"These minutes have not been reviewed by the oversight committee and are subject to approval at the next regular committee meeting."

MINUTES

Thursday, July 9, 2020

LAND CONSERVATION COMMITTEES

*Door County Government Center
County Board Room, 1st floor
421 Nebraska Street, Sturgeon Bay*

Oversight for Soil & Water Conservation Department

1. **Meeting was called to order at 8:30** a.m. by Chair Ken Fisher.
2. **Establish a Quorum - Roll Call**
Members present: Bob Bultman, Vinni Chomeau, Roy Englebert, Ken Fisher, Todd Thayse, Mike Vandenhouten and Richard Virlee.
Others present: Erin Hanson and Beth Hanson – SWCD. Present for a portion of a meeting: Brian Forest, Samantha Koyen, and Kevin Seng – SWCD and Ken Pabich – County Administrator.
3. **Adopt Agenda / Properly Noticed:** Motion by Todd Thayse, seconded by Vinni Chomeau to adopt the agenda as posted. Motion carried.
4. **Correspondence:** None
5. **Public Comment:** None
6. **Supervisor Response:** None
7. **Approve Minutes:** Richard Virlee made a motion, seconded by Bob Bultman, to approve the June 11, 2020, Land Conservation Committee meeting minutes as written with correction. Motion carried.
8. **Invasive Species**
 - 8.1. Bob Bultman made a motion, seconded by Vinni Chomeau, providing preliminary approval of Soil & Water Conservation Department Invasive Species municipal cost-share agreements with Town of Forestville in the amount of \$1,000, Town of Sevastopol in the amount of \$100, and Town of Liberty Grove in the amount of \$1,000. Motion carried.
9. **Northeast Lakeshore Total Maximum Daily Load (TMDL)**
 - 9.1. Brian Forest reported on the TMDL webinars held on June 25, 2020 and July 9, 2020, explaining that a TMDL looks at current conditions of a waterbody, the maximum amount of pollutant that a waterbody can receive and what is needed to meet water quality standards. Discussion followed.
10. **2020 Land and Water Resource Management Plan**
 - 10.1. Erin Hanson explained the minor changes received from WDNR and DATCP on the draft version of the 2021-2030 LWRM plan. Erin Hanson asked if the LCC had any suggestions. Mike Vandenhouten suggested adding to the manure management prohibition on page 166 to encourage technology to reduce the percentage of liquid in manure. Bob Bultman suggested personalizing the wetlands section for Door County to mention fens and would like to see vernal ponds and shallow water table areas noted.
 - 10.2. Erin Hanson reviewed the remaining steps to complete the approval process of the Door County Land & Water Resource Management Plan. Public hearing will be scheduled for August 13, 2020 at 8:30 a.m. with remote participation of those giving testimony for those who register in advance.

11. Area & State Conservation Associations

- 11.1. Erin Hanson and Ken Fisher participated and reported on the Lake Michigan Area Land and Water Conservation Association organization meeting. The summer tour has been canceled, the next meeting will be in fall in Shawano County.

12. Soil & Water Resource Management Grant Program

- 12.1. Vinni Chomeau made a motion, seconded by Mike Vandenhouten, providing approval for Soil & Water Resource Management cost-share agreement with Eileen Wood Revocable Trust pending landowner signature in the amount of \$8,488.08 for a waterway and land out of production. Motion carried.

13. SWCD Water Pollution Abatement Cost-share Program

- 13.1. Erin Hanson reported that preliminary approval was given for County cost-share application with Mark Gruettner in the amount of \$300 for well abandonment.

14. Targeted Runoff Management Grant Program

- 14.1. Erin Hanson explained the request from Ronn and Mary Gilbert to release parcel numbers 0220236282624B1 and 0220225282644B1 from Targeted Runoff Management cost-share agreement number 07-GIL-04. This property was split from larger parcels and is not used for agricultural purposes. Vinni Chomeau made a motion, seconded by Bob Bultman, providing approval for partial release of property included in Targeted Runoff Management cost-share agreement with Gilbert Farms Ltd. Motion carried.

15. Personnel

- 15.1. Erin Hanson reported that Tim Dahl has successfully completed a six-month introductory period and has authorized his classification as a "regular" employee.

16. Vouchers, Claims and Bills: A listing was provided.

17. Future Agenda Items: None

18. Next Meeting Date: August 13, 2020 and September 3, 2020 8:30 a.m. – Regular LCC Meeting

17. Meeting Per Diem Code: 709

18. Adjourn: Motion to adjourn by Richard Virlee, seconded by Roy Englebert at 9:34 a.m. Motion carried.

Respectfully submitted by Beth Hanson, SWCD Administrative Assistant



Land and Water Conservation Board County Land and Water Resource Management Plan Review of LWRM Plan Revisions

County: Door

Implementation Covering Past Five Years and Future Directions

Answer these four questions in writing (not to exceed 4 pages)

1. Provide a representative number of accomplishments within the last five years that can be directly traced to activities identified in multiple work plans. For each accomplishment, explain how the planning process helped the county achieve its outcome, including planning adjustments that helped better target county activities.

Examples of Soil and Water Conservation Department (SWCD) accomplishments within the last five years linked to multiple work plans include: protection of groundwater and surface waters through implementation of the agricultural performance standards and prohibitions, partnerships to restore waterbodies, and invasive species programs.

Since 2004 SWCD has focused on protecting groundwater and surface waters through implementation of the agricultural performance standards and prohibitions in ch. NR 151, Wisc. Adm. Code. A local ordinance is updated each time new standards are promulgated, most recently in 2018 for the Silurian bedrock targeted standards. Each annual workplan identifies prioritized compliance reviews, installation of conservation practices, and operation and maintenance reviews to ensure practices continue to protect surface and groundwater. Over 90% of the county's cropland is included in a nutrient management plan each year. SWCD follows a formal process to notify about 60 landowners and operators of their compliance status each year, with approximately 45% of those letters identifying full compliance at the site. Noncompliance is primarily addressed through installation of conservation practices and/or changes in management at the site. When necessary formal offers of cost share and elevated enforcement are also used to obtain compliance and protect groundwater and surface water.

SWCD also identifies projects with partners to restore waterbodies in each annual workplan. For over a decade natural resource partners have focused on restoration of Dunes Lake by identifying causes of eutrophication, installing agricultural practices in the watershed, and conducting a pilot dredge to remove sediments containing legacy phosphorus. The partnership has assembled \$1.1 million to complete the remaining dredging project in 2020-2021. Other restoration efforts involve the Upper Ahnapee Watershed through research of current conditions, watershed planning (9 Element Plan approved in 2020), and agricultural practice installation; as well as targeted monitoring and outreach in watersheds that drain to the Bay of Green Bay.

SWCD maintains a leadership role in the Door County Invasive Species Team (DCIST) and manages a variety of invasive species outreach, education and control projects each year. The 2011-2020 LWRM plan recognized the threat of invasive species and set a

goal of conducting programs within the SWCD. Since that time SWCD has diversified funding sources and developed a strategic plan to guide invasive species program efforts (available at doorinvasives.org). SWCD serves as the fiscal manager for DCIST and secures a variety of grants to support seasonal staff and implement projects to protect Door County's unique natural habitats from invasive species.

Planning adjustments that have helped target SWCD activities through the years include sequential activities that build on prior year accomplishments, a focus on specific watersheds, and identification of department priorities for conservation programs and funding.

2. Identify any areas where the county was unable to make desired progress in implementing activities identified in recent work plans. For each area identified, explain the work plan adjustments that were made to refocus planned activities. If no areas are identified, explain how the county was able to make progress in all the areas planned.

Each year SWCD identifies achievable performance measures in the annual work plan submitted to DATCP. These are typically based on available cost share and SWCD staff capacity to complete the tasks listed for each category. In any given year factors such as weather, unanticipated projects that emerge as priorities, and staff turnover can impact the actual number of planned activities that are accomplished. SWCD strives to adjust as necessary to meet commitments established in the annual work plan.

It is important to note that the annual work plans SWCD submits to DATCP do not identify the full scope of activities necessary to achieve the goals established in the LWRM plan. To do so would require significant additional state investment in cost share and conservation staff, as well as broader consideration of how to make the nonpoint program effective at protecting groundwater and surface waters. For example, the requirement to offer cost share for practices that should be expected of every agricultural operation (e.g. nutrient management), and the limitations imposed by different grant sources on how cost share funds can be used, complicates funding basic conservation practices. Many of these constraints are outside of SWCD's immediate control and cannot be addressed through minor adjustments to annual work plans.

SWCD success at meeting work plan priorities is demonstrated by the number of conservation practices installed throughout the county and compliance with performance standards and prohibitions. Yet results of recent water quality monitoring initiated by SWCD are less than "desired" and there is clearly a need for sustained conservation efforts. In response SWCD continues to focus available resources on high priority activities to protect groundwater and surface water. We actively seek funding from a variety of sources to install as many conservation practices as possible and maintain strong conservation programs.

3. Describe the county's approach to implementation of its priority farm strategy including outreach, farm inventories and making use of multiple funding sources. How has the county evaluated the effectiveness of its priority farm strategy and used this information to improve implementation of the agricultural performance standards and conservation practices on farms?

SWCD's agricultural programs focus on implementation of the agricultural performance standards and prohibitions through a local ordinance. Priority farms are a combination of: voluntary, required, previously installed practices, Farmland Preservation Program, targeted watersheds and geographically prioritized landowners. The geographic prioritization identifies those parcels with the greatest potential to impact water quality based on site factors such as depth to bedrock, depth to water table, soils, etc and removes subjectivity from identifying priority farms. Outreach is conducted primarily through one-one conversations with landowners and farm operators. Farm inventories are documented, tracked and compliance notifications sent to landowners/operators. When required, cost share is formally offered to landowners using state and local funds. SWCD prefers to work cooperatively with landowners/operators to resolve noncompliance but cases with uncooperative landowners are elevated through an enforcement process with Door County's Corporation Counsel when necessary.

Since 2002 SWCD has been awarded 52 small-scale and two large-scale TRM grants from WDNR. SWCD also makes use of NOD, SWRM and local funds to make cost share offers for best management practices. New funding programs that SWCD has entered into in recent years are CREP and the multi-discharger variance (MDV), though these have seen limited participation as of this time. Effectiveness of the farm strategy is primarily evaluated through tracking installation of best management practices and compliance status by parcel. Adjustments are made annually to ensure that the limited funding available is targeted to locations of greatest need.

4. Provide representative examples that show changes in direction in the county's LWRM plan and annual work plans, with specific examples provided showing adjustments in goals, objectives or planned activities.

Representative changes in direction in the last five years of Door County's annual workplans are Nutrient Management - New Plan Development and Technical Assistance for shoreline erosion control projects. Each change is the result of a review of actual and/or perceived environmental benefit relative to staff time invested so as to maximize use of available resources. However, overall goals have remained constant with the change being a shift in program activities.

For "Nutrient Management - New Plan Development" in 2016 SWCD planned for 700 acres of cost share to noncompliant landowners. In subsequent years effort was maintained at 700 acres/year but targeted to specific HUC-12 watersheds. SEG funds provided landowners cost share, and if necessary SWCD compelled compliance with the standard. Given the extensive nutrient management coverage in the county there was diminishing return for effort to cost share 700 new acres each year. Few were willing to accept cost share and those that did were small parcels with less intensive agricultural use. Going forward in 2020 and on, SWCD will extend SEG cost share only to those who seek nutrient management assistance and direct SEG funds to other practices, to the extent allowed through the program. SWCD now invests staff resources into ensuring nutrient management plans are properly prepared and implemented on the ground, using the plans as a tool to meet broader water quality goals.

For Technical Assistance for shoreline erosion control projects the annual work plans from 2016 - 2020 list relatively consistent performance measures. However the number of shoreline erosion control/land disturbance projects in Door County continues to grow each year of the very high Lake Michigan water levels. Riparian projects have grown

from 2 in 2017 to over 22 in 2020 to date. To adjust, SWCD and Zoning staff identified how to provide assistance to landowners, contractors and landscapers so that they can pre-plan and submit acceptable plans that meet erosion control standards with the first submittal. The same goal is achieved with better communication and coordination between the public, SWCD and Zoning staff.

Annual Work Plans

Attach both of the following:

- a. The most current annual work plan, prepared in the current format from DATCP, and addresses all required items such as needed funding and staff hours.
- b. The work plan for the previous year that includes a column that identifies the progress in implementing the planned activities for that year.

Presentation Regarding County Resource Concerns

Prepare and present an 8-10 minute snapshot to the board regarding county resources and management issues. The county must prepare one of following as part of this brief presentation:

- a. A PowerPoint (showing what your county looks like, can include maps), or
- b. A hand out (2 page max)

Guidance on Board Review Process

The LWCB’s review supplements, but does not replace compliance with the DATCP checklist for LWRM plan approval. This encourages and supports honest presentations from the county. The county is strongly encouraged to have the LCC chair or committee member be a part of the presentation to the Board to contribute policy and other insights to the discussion. The goal of the review is not to fail counties. The board recognizes the dynamic nature of the planning process. Board members are interested in how counties tackle priorities over time and how they respond to changing conditions in pursuing their priorities. The board will evaluate a county’s planning and implementation based on how well the county balances and prioritizes the following: agricultural performance standards, other state priorities (impaired waters, FPP checks), and local priorities. When needed, the Board will provide constructive support to counties to improve the quality of their planning.

Land Conservation Committee Notification

The LCC was provided a completed copy of this form (including attachments) on: August 13, 2020

Signature of Authorized Representative: _____ **Date:** _____
(e.g. County Conservationist, LCC chair)

Send completed form and attachments to:
Lisa.Trumble@wi.gov

**DOOR COUNTY 2019 ANNUAL WORK PLAN WITH ACCOMPLISHMENTS
LOCALLY-IDENTIFIED PRIORITIES**

Table 1: Planned activities and performance measures by category

CATEGORY (goal and objective from LWRM plan can be added in each category)	PLANNED ACTIVITIES WITH BENCHMARKS If applicable identify focus areas, e.g. HUC 12 watershed code	PERFORMANCE MEASUREMENTS (Estimated in Work Plan)	ACHIEVED IN 2019
<ul style="list-style-type: none"> • <i>Cropland</i> 			
Nutrient management – Review	<i>Office review of all plans submitted in 2019. Outreach to landowners to ensure continued compliance on cropland acres that were formerly covered by a plan but do not have a current plan.</i>	<i>Approximately 215 plans submitted 1,866 missing cropland acres identified and resolved</i>	298 plans covering 79,660 acres / 92% cropland acres submitted, all fields mapped using GIS, office review and follow-up to correct identified deficiencies
Nutrient management – Compliance	<p><i>Follow up on prior nutrient management plan compliance audits to ensure accurate and quality plans are submitted and followed.</i></p> <p><i>Nutrient management compliance inspections with emphasis on compliant manure applications, soil loss, and field restrictions. Priority areas include Kayes Creek – Frontal Green Bay (040301020403), Larson Creek – Frontal Green Bay (040301020402), and Ahnapee (HUC12 040301020204) Watersheds.</i></p>	<p><i>At least one meeting with each operator, crop consultant invited to attend.</i></p> <p><i>Formal notification to five landowners with offer of cost share (if required) establishing a compliance deadline for fields with continual soil erosion that have not yet been resolved.</i></p> <p><i>Twenty nutrient management compliance inspections completed.</i></p>	<p>Met at least once with each operator of farm with prior plan compliance audits.</p> <p>Formal notification through Chapter 23 to five landowners establishing compliance deadline and offering cost share (when required) for fields with continual soil erosion.</p> <p>32 manure hauling compliance inspections (“hauling audits”), of which 50% had noncompliance identified and communicated to owners/operators, 10 citations issued for improper manure applications</p>
Nutrient management – New plan development	<i>Offer cost sharing to landowners with existing cropland not yet in compliance with the cropland performance standards. New plan development will be targeted in the Kayes Creek – Frontal Green Bay (040301020403) and Larson Creek – Frontal Green Bay (040301020402) HUC12 Watersheds.</i>	<i>Approximately 700 acres offered cost sharing</i>	<p>1041 new acres included in nutrient management plans for the first time in 2019</p> <p>806 acres offered cost share 600 acres accepted cost share</p>
Cropland Practice Installation	<i>Offer technical assistance and cost share to eligible landowners to reduce soil and nutrient loss and maintain compliance with performance standards.</i>	<i>As needed, technical assistance and cost-share will be offered to install practices to meet conservation needs identified through the other nutrient management activities listed above.</i>	1 grassed waterway installed

**DOOR COUNTY 2019 ANNUAL WORK PLAN WITH ACCOMPLISHMENTS
LOCALLY-IDENTIFIED PRIORITIES**

- Livestock*

CATEGORY (goal and objective from LWRM plan can be added in each category)	PLANNED ACTIVITIES WITH BENCHMARKS If applicable identify focus areas, e.g. HUC 12 watershed code	PERFORMANCE MEASUREMENTS (Estimated in Work Plan)	ACHIEVED IN 2019
Livestock Operations – Prioritized Compliance Reviews	<i>Conduct standard & prohibition inventories, including notification & determination of cost share availability. Sites selected will be those in the Kayes Creek – Frontal Green Bay (040301020403) and Larson Creek – Frontal Green Bay (040301020402) HUC12 Watersheds and those on existing prioritization list.</i>	<i>Twenty sites inspected and issued notification letters</i>	66 compliance notification letters sent (includes both cropland and livestock site notifications). 22 livestock operations inventoried, 12 notified of noncompliance, 0 offered cost share. 2 livestock operations referred to corporation counsel for enforcement.
Livestock BMPs – Installation of new practices	<i>Offer technical assistance and cost share to eligible landowners to assist with installation of practices to bring sites into compliance with performance standards and prohibitions.</i>	<i>One feed storage area runoff control project (extended from 2018) and approximately five manure storages with associated roofs, clean water diversions, and/or barnyard runoff controls planned, dependent on availability of local share.</i>	2 feed storage area runoff control, 5 manure storage and waste transfer, and 1 barnyard runoff control projects installed.
Livestock BMPs – Operation and Maintenance Reviews	<i>Visually inspect previously installed BMPs within O&M period for effectiveness and integrity. Educate landowner/operator about required follow up actions and ensure they are completed.</i>	<i>65 projects inspected Noncompliance issues identified and discussed with landowner & operator and a timeline established for return to compliance</i>	57 projects inspected. 10 issues identified; 6 resolved in 2019 and 4 in progress in 2020.

- Water quality*

Beaches	<i>Visually inspect previously installed BMPs for effectiveness and integrity. Provide technical assistance to Towns/Owners as necessary to address identified issues or for new projects.</i>	<i>12 Beach practices to be inspected</i>	12 beach practices inspected 8 Towns/Municipalities provided technical assistance
Conservation Reserve Enhancement Program (CREP)	<i>Reenrollment of eligible contracts expiring in 2019. New enrollment: targeted outreach via direct mailing and 1:1 site visits with interested landowners in the Ahnapee Watershed (HUC12 040301020204).</i>	<i>2 contracts expiring in 2019 Approximately 130 landowners contacted</i>	0 contracts reenrolled 2 new contracts with 18 new acres of riparian buffers installed 50 targeted landowner contacts
Groundwater – Well Abandonment	<i>Continued promotion and implementation of voluntary well abandonment program.</i>	<i>1 press release to local media Direct mailing to landowners as wells identified Abandonments completed as requested</i>	Two well abandonments cost shared

- Forestry*

Forestry	N/A		
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**DOOR COUNTY 2019 ANNUAL WORK PLAN WITH ACCOMPLISHMENTS
LOCALLY-IDENTIFIED PRIORITIES**

- Invasive*

CATEGORY (goal and objective from LWRM plan can be added in each category)	PLANNED ACTIVITIES WITH BENCHMARKS If applicable identify focus areas, e.g. HUC 12 watershed code	PERFORMANCE MEASUREMENTS (Estimated in Work Plan)	ACHIEVED IN 2019
Invasive species – Inventory	<i>Update electronic inventory of priority invasive species in state and county road right-of-ways, state trails, county parks and quarries, and selected riparian corridors. Provide technical assistance to landowners to promote inventories on private lands.</i>	<i>Approx. 25 miles of rights-of-way, 2 miles of stream corridor, 2 acres of county parks and quarries, and 2.5 miles of shoreline. One on one outreach to 30 individual landowners to impact private lands inventory numbers (varying parcel sizes).</i>	Inventory completed and added to electronic inventory: 94.3 acres of county parks and quarries 308 miles of ROW 121.7 miles of stream corridors 10 miles of shoreline 131 one-on-one landowner outreach
Invasive Species – Control	<i>Complete manual and chemical control of priority invasive species using LTE staff and private contractors.</i>	<i>Projected (manual/chemical) control in acres: Wild Parsnip- 10 Phragmites- 6 Other NR-40 – 2</i>	Acreage Controlled: Wild Parsnip- 20 Phragmites- 75 Other NR-40 – 10.5
Invasive Species – Education and Outreach	<i>Educate landowners and municipal leaders about non-native invasive species impacts, inventory and control methods.</i>	<i>200 hours of Clean Boats Clean Waters at priority boat launches 4 educational presentations/training sessions 30 one-on-one contacts 100 direct mailings to landowners</i>	248 Hours of Clean Boats Clean Waters 5 education presentations/training sessions 131 one-on-one landowner outreach 364 Direct mailings to landowners

- Wildlife*

Wildlife Damage	<i>Provide technical and abatement assistance to crop owners for damage caused by eligible wildlife species (primarily deer and turkeys).</i>	<i>Approximately 2 dozen enrollees Approximately 60 deer donated</i>	14 enrollees 49 deer donated
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- Urban*

Storm Water	<i>Provide technical assistance to landowners and consultants for small and large scale projects and land disturbance sites, as referred by the Land Use Services Department.</i>	<i>Approximately 20 site visits and plans reviews</i>	12 storm water project site visits and/or plans reviews 28 land disturbance project site visits and/or plan reviews
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- Watershed*

Groundwater	<i>Provide technical input/assistance to area groups and affected landowners/operators. Prioritize program efforts based on impact to groundwater.</i>	<i>Coordinate with partners and attend meetings as necessary</i>	Technical assistance to individuals, area groups, etc. as requested. Initiated collaborative groundwater study with UW-Oshkosh & Door County Public Health. 150 private wells sampled. 4 groundwater education forums held.
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**DOOR COUNTY 2019 ANNUAL WORK PLAN WITH ACCOMPLISHMENTS
LOCALLY-IDENTIFIED PRIORITIES**

CATEGORY (goal and objective from LWRM plan can be added in each category)	PLANNED ACTIVITIES WITH BENCHMARKS If applicable identify focus areas, e.g. HUC 12 watershed code	PERFORMANCE MEASUREMENTS (Estimated in Work Plan)	ACHIEVED IN 2019
Dunes Lake	<i>Coordinate with project partners to seek grant funding to complete lake restoration project. Provide technical assistance once funding is secured.</i>	<i>Coordinate with partners as necessary</i>	Project partners including Ducks Unlimited, The Nature Conservancy, Doorland Preserve Owners, WDNR, UW-Oshkosh, Town of Sevastopol, Glidden Drive Neighborhood Association, WI Coastal Management Program, Fund for Lake Michigan, Sustain our Great Lakes, Door County Community Foundation and numerous individuals have assembled ~ \$1.1 M for restoration efforts anticipated to be completed in 2020-2021.
Forestville Millpond/Ahnapee River	<i>Identify recommended management alternative. Provide technical support to the Door County Facilities and Parks Department to plan and carry out project.</i>	<i>Coordinate with partners and attend meetings as necessary</i>	Recommendation for dam management option approved by Door County Board of Supervisors. Extended draw down of water levels in the Forestville Millpond initiated. Technical support provided to the Facilities and Parks Department as needed. Upper Ahnapee Watershed “9 Element” Plan developed and submitted to WDNR/US EPA (approved February 2020).
Local Natural Resource Protection Efforts	<i>Provide technical assistance to partners engaged in watershed protection and restoration efforts including Kangaroo Lake, Clark Lake, Little Lake, Fish Creek and/or other waters as requested.</i>	<i>Coordinate with partners and attend meetings as necessary</i>	Technical assistance offered to partners as requested. Six streams monitored by SWCD monthly during growing season for water quality. Additional continuous temperature and macroinvertebrate monitoring at subset of those streams coordinated with WDNR and funded through grant.
• <i>Other</i>			
Nonmetallic Mining Reclamation	<i>Review and ensure compliance with all approved plans and new permit applications</i>	<i>50 sites inspected for compliance & adequacy of financial assurance</i>	50 sites inspected

**DOOR COUNTY 2019 ANNUAL WORK PLAN WITH ACCOMPLISHMENTS
LOCALLY-IDENTIFIED PRIORITIES**

Table 2: Planned activity related to permits and ordinances

Permits and Ordinances	Plans/application reviews anticipated	Permits anticipated to be issued	ACHIEVED IN 2019
Feedlot permits			
Manure storage construction and transfer systems	5	5	3
Manure storage closure			
Livestock facility siting			
Nonmetallic/frac sand mining	2	2	0
Stormwater and construction site erosion control	5	N/A	16
Shoreland zoning	6	N/A	24
Wetlands and waterways (Ch. 30)			
Other – Land Disturbance Review	9	N/A	(above)

Table 3: Planned inspections

Inspections	Number of inspections planned	ACHIEVED IN 2019
Total Farm Inspections	38	33
For FPP	18	11
For NR 151	20	22
Animal waste ordinance		(included in above numbers)
Livestock facility siting		N/A
Stormwater and construction site erosion control	20	40
Nonmetallic mining	50	50

Table 4: Planned outreach and education activities

Activity	Number	ACHIEVED IN 2019
Tours	6	6
Field days		
Trainings/workshops		1
School-age programs (camps, field days, classroom)	3	3
Newsletters		2
Social media posts	3	19
News release/story	2	2

**DOOR COUNTY 2019 ANNUAL WORK PLAN WITH ACCOMPLISHMENTS
LOCALLY-IDENTIFIED PRIORITIES**

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

Staff/Support	Hours	Costs
<i>DATCP funding</i>		\$139,936
<i>County funding</i>		\$395,407
<i>Other (state and federal grants, fees, donations)</i>		\$291,896
SWCD staff included above are: County Conservationist (1), Conservationists (6), Administrative Assistant (1), and Seasonal LTEs (2)	8 FTE = 16,704 2 LTE = 1,198	
Cost Sharing (can be combined)		
<i>DATCP Bonding</i>	<i>N/A</i>	\$51,900
<i>DATCP SEG</i>	<i>N/A</i>	\$28,000
<i>DNR NOD grant (2018 extended into 2019)</i>	<i>N/A</i>	\$78,161
<i>DNR Small Scale TRM (2018-2019)</i>	<i>N/A</i>	\$247,246
<i>DNR Large Scale TRM (2019-2021)</i>	<i>N/A</i>	408,619
<i>County</i>	<i>N/A</i>	\$10,000

**DOOR COUNTY 2020 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

Table 1: Planned activities and performance measures by category

NOTE: At this time SWCD staff have been ordered to work from home with only very limited field work identified as essential activities. Performance Measurements listed below may need to be adjusted if staff activities are restricted past the end of May.

CATEGORY (goal and objective from LWRM plan can be added in each category)	PLANNED ACTIVITIES WITH BENCHMARKS If applicable identify focus areas, e.g. HUC 12 watershed code (examples of types of “planned activities” in italics)	PERFORMANCE MEASUREMENTS (examples in italics)
<ul style="list-style-type: none"> • <i>Cropland</i> 		
Nutrient management – Compliance	<i>Nutrient management compliance inspections (manure hauling audits) with emphasis on compliant manure applications, soil loss, and field restrictions. Priority areas include Kayes Creek – Frontal Green Bay (040301020403), Larson Creek – Frontal Green Bay (040301020402), and Ahnapee (HUC12 040301020204) Watersheds.</i> <i>Office review of plans submitted in 2020.</i>	<i>Twenty-five nutrient management compliance inspections completed.</i> <i>Approximately 215 plans</i>
Nutrient management – New plan development	<i>Given extensive nutrient management coverage in county (90+% cropland acres) new offers of cost share will be limited to eligible owners/operators that request assistance from SWCD.</i>	<i>Cost sharing extended to eligible participants as requested.</i>
Nutrient management – Farmer Education	<i>Recruit participants and assist as necessary with NWTC Farmer Education Training and Refresher Classes to ensure quality farmer-written plans.</i>	<i>All farmers who write their own nutrient management plan notified that classes available in Sturgeon Bay in 2020-2021</i>
Cropland Practice Installation	<i>Offer technical assistance and cost share to eligible landowners to reduce soil and nutrient loss and maintain compliance with performance standards.</i>	<i>As needed, technical assistance and cost-share will be offered to install practices to meet conservation needs identified through the other nutrient management activities listed above.</i> <i>Five landowners have been identified as priorities for cropland practices to be installed in 2020.</i>
<ul style="list-style-type: none"> • <i>Livestock</i> 		
Livestock Operations – Prioritized Compliance Reviews	<i>Conduct standard & prohibition inventories, including notification & determination of cost share availability. Sites selected will be those in the Kayes Creek – Frontal Green Bay (040301020403) and Larson Creek – Frontal Green Bay (040301020402) HUC12 Watersheds and those on existing prioritization list.</i>	<i>Ten livestock sites inspected and issued notification letters.</i>

**DOOR COUNTY 2020 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

CATEGORY (goal and objective from LWRM plan can be added in each category)	PLANNED ACTIVITIES WITH BENCHMARKS If applicable identify focus areas, e.g. HUC 12 watershed code (examples of types of “planned activities” in italics)	PERFORMANCE MEASUREMENTS (examples in italics)
Livestock BMPs – Installation of new practices	<i>Offer technical assistance and cost share to eligible landowners to assist with installation of practices to bring sites into compliance with performance standards and prohibitions.</i>	<i>At minimum, one roofed manure storage and one roof/heavy use area protection project installed. Technical assistance provided to five additional landowners with funding identified and/or applied for practices to be installed.</i>
Livestock BMPs – Operation and Maintenance Reviews	<i>Visually inspect previously installed BMPs within O&M period for effectiveness and integrity. Educate landowner/operator about required follow up actions and ensure they are completed.</i>	<i>60 projects inspected Noncompliance issues identified and discussed with landowner & operator and a timeline established for return to compliance</i>
<ul style="list-style-type: none"> • <i>Water quality</i> 		
Beaches	<i>Visually inspect previously installed BMPs for effectiveness and integrity. Provide technical assistance to Towns/Owners as necessary to address identified issues and/or for new projects.</i>	<i>12 Beach practices to be inspected</i>
Conservation Reserve Enhancement Program (CREP)	<i>Reenrollment of eligible contracts expiring in 2020, depending on landowner willingness. Target new enrollments in the Kayes Creek – Frontal Green Bay (040301020403), Larson Creek – Frontal Green Bay (040301020402), and Ahnapee (HUC12 040301020204) Watersheds.</i>	<i>1 contract expiring in 2020 New enrollments promoted in target watersheds</i>
Groundwater – Well Abandonment	<i>Continued promotion and implementation of voluntary well abandonment program.</i>	<i>1 press release to local media Direct mailing to landowners as wells identified Abandonments completed as requested</i>
<ul style="list-style-type: none"> • <i>Forestry</i> • <i>Invasive</i> 		
Invasive species – Inventory	<i>Update electronic inventory of priority invasive species in state and county road right-of-ways, state trails, county parks and quarries, and selected riparian corridors. Provide technical assistance to landowners to promote inventories on private lands.</i>	<i>Approx. 25 miles of right-of-ways, 70 miles of stream corridor, 150 miles of shoreline and 2 acres of county parks and quarries. One on one outreach to 100 individual landowners to impact private lands inventory numbers (varying parcel sizes).</i>
Invasive Species – Control	<i>Complete manual and chemical control of priority invasive species using LTE staff and private contractors.</i>	<i>Projected (manual/chemical) control in acres: Wild Parsnip- 10 Phragmites- 70 Japanese Knotweed - 1 Other NR-40 – 2</i>

**DOOR COUNTY 2020 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

CATEGORY (goal and objective from LWRM plan can be added in each category)	PLANNED ACTIVITIES WITH BENCHMARKS If applicable identify focus areas, e.g. HUC 12 watershed code (examples of types of “planned activities” in italics)	PERFORMANCE MEASUREMENTS (examples in italics)
Invasive Species – Education and Outreach	<i>Educate landowners and municipal leaders about non-native invasive species impacts, inventory and control methods.</i>	<i>150 hours of Clean Boats Clean Waters at priority boat launches – subject to modification based on COVID-19 order 5 educational presentations/training sessions (virtual/small group) 6 newsletters 150 direct mailings to landowners 4 boat cleaning stations installed</i>
• <i>Wildlife</i>		
Wildlife Damage	<i>Provide technical and abatement assistance to crop owners for damage caused by eligible wildlife species (primarily deer and turkeys).</i>	<i>Approximately 2 dozen enrollees Approximately 60 deer donated</i>
• <i>Urban</i>		
Storm Water	<i>Provide technical assistance to landowners and consultants for small and large scale projects and land disturbance sites, as referred by the Land Use Services Department.</i>	<i>Approximately 20 site visits and/or plan reviews</i>
• <i>Watershed</i>		
Groundwater	<i>Provide technical input/assistance to area groups and affected landowners/operators. Prioritize program efforts based on impact to groundwater.</i>	<i>Coordinate with partners and attend meetings as necessary</i>
Groundwater	<i>County-wide private well water quality sampling program with UW-Oshkosh and Public Health.</i>	<i>Spring 2020 sampling cancelled due to COVID-19 order. One county-wide sampling event planned for fall 2020.</i>
Dunes Lake	<i>Coordinate with project partners to provide technical assistance for permitting and monitoring of lake restoration project scheduled for 2020.</i>	<i>Water quality monitoring program for Geisel and Shivering Sands Creek implemented Technical assistance provided for permit applications</i>
Forestville Millpond/Ahnapee River	<i>Provide technical support to Door County Parks as drawdown of the Forestville Millpond is underway in 2020.</i>	<i>Water levels in Millpond documented following rain events</i>
Local Natural Resource Protection Efforts	<i>Provide technical assistance to partners engaged in watershed protection and restoration efforts including Kangaroo Lake, Clark Lake, Little Lake, Fish Creek and/or other waters as requested.</i>	<i>Coordinate with partners and attend meetings as necessary</i>
• <i>Other</i>		
Nonmetallic Mining Reclamation	<i>Review and ensure compliance with all approved plans and new permit applications</i>	<i>50 sites inspected for compliance & adequacy of financial assurance 2 new mines permitted</i>

**DOOR COUNTY 2020 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

Table 2: Planned activity related to permits and ordinances

Permits and Ordinances	Plans/application reviews anticipated	Permits anticipated to be issued
Feedlot permits		
Manure storage construction and transfer systems	1	1
Manure storage closure		
Livestock facility siting		
Nonmetallic/frac sand mining	2	2
Stormwater and construction site erosion control	5	N/A
Shoreland zoning	6	N/A
Wetlands and waterways (Ch. 30)		
Other – Land Disturbance Review	9	N/A

Table 3: Planned inspections

Inspections	Number of inspections planned
Total Farm Inspections	38
For FPP	18
For NR 151	20
Animal waste ordinance	
Livestock facility siting	
Stormwater and construction site erosion control	30
Nonmetallic mining	50

Table 4: Planned outreach and education activities

Activity	Number
Tours	0
Field days	0
Trainings/workshops	0
School-age programs (camps, field days, classroom)	0
Newsletters	6
Social media posts	6
News release/story	2

**DOOR COUNTY 2020 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

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

Staff/Support	Hours	Costs
<i>DATCP funding</i>		<i>\$143,964</i>
<i>County funding</i>		<i>\$411,692</i>
<i>Other (state and federal grants, fees, donations)</i>		<i>\$179,901</i>
SWCD staff included above are: County Conservationist (1), Conservationists (6), Administrative Assistant (1), and Seasonal LTEs (2) and contract for part-time Invasive Species Coordinator	8 FTE = 16,704 2 LTE = 1,198	
Cost Sharing (can be combined)		
<i>DATCP Bonding</i>	<i>N/A</i>	<i>\$50,990</i>
<i>DATCP SEG</i>	<i>N/A</i>	<i>\$28,000</i>
<i>DNR Small Scale TRM (2018-2019, one project extended to 2020)</i>	<i>N/A</i>	<i>\$144,872</i>
<i>DNR Large Scale TRM (2019-2021)</i>	<i>N/A</i>	<i>408,619</i>
<i>County</i>	<i>N/A</i>	<i>\$10,000</i>



DOOR COUNTY

Resolution 2020-

AUTHORIZATION TO APPLY FOR WI DNR SURFACE WATER GRANT PROGRAM

1 **WHEREAS**, Door County’s water bodies (e.g., Lake Michigan, inland lakes, rivers, and the various
2 stream and creek corridors) are important resources used by the public for recreation and enjoyment of
3 natural beauty; and
4

5 **WHEREAS**, The protection of Door County’s waterbodies from invasive species is critical in the
6 protection of water quality and the natural ecosystem; and
7

8 **WHEREAS**, It is necessary to provide information and education about, including the need to protect
9 water quality and the natural ecosystem from the negative effects of, aquatic invasive species; and
10

11 **WHEREAS**, Door County’s Soil & Water Conservation Department (“SWCD”) is interested in
12 obtaining a 2020-2021 cost-share grant from the Wisconsin Department of Natural Resources (“WDNR”)
13 for the purpose of Aquatic Invasive Species (“AIS”) education, prevention & planning activities (“Project”)
14 through the WDNR’s Surface Water Grant Program; and
15

16 **WHEREAS**, The SWCD attests to the validity and veracity of the statements and representations
17 contained in the grant application; and
18

19 **WHEREAS**, The Door County Land Conservation Committee (“LCC”) supports applying for the
20 above described 2020-2021 WDNR grant; and
21

22 **WHEREAS**, A grant agreement is requested to carry out the Project.
23

24 **NOW, THEREFORE, BE IT RESOLVED**, That the Door County Land Conservation Committee
25 hereby authorizes the SWCD, subject to LCC oversight, to: a). complete, execute and submit a grant
26 application to the WDNR; b). sign and submit documents (e.g., application materials); c). perform force
27 account work; d). meet the financial and other obligations of the grant and Project; and e). take necessary
28 action to undertake, direct, and complete the approved application for project.
29

30 **BE IT FURTHER RESOLVED**, That the SWCD will comply with all applicable local, state and federal
31 laws, rules regulations, and ordinances relating to the Project and grant agreement.

**SUBMITTED BY:
LAND CONSERVATION COMMITTEE**

Ken Fisher, Chairperson

Todd Thayse

Bob Bultman

Richard Virlee

Vinni Chomeau

Mike Vandenhouten

Roy Englebert

Bid Opening For: Phragmites Control ProgramDate: August 3, 2020Time: 1pmWhere: <https://globalpage-prod.webex.com/join> Enter the meeting number 126 637 3249Present: Samantha Koyen & Greg Coulthurst

RFP Language: Door County is seeking proposals for a Phragmites australis (common reed) control program. The project consists of 3 parts, treatments in 15 miles of right-of-ways (ROW), treatments for less than an acre in four quarries, and treatments for 25 acres on private properties. Specifications and instructions are posted on the Door County website, <https://www.co.door.wi.gov/bids.aspx> may be obtained from the Soil and Water Conservation Department (SWCD), 421 Nebraska Street, 3rd Floor, Sturgeon Bay, WI [920-746-2214]. Proposals must conform to the requirements of the specifications and instructions. Proposals must be submitted to and received by the SWCD on or before 12:00 p.m. July 31, 2020. Proposals will be publicly opened on August 3, 2020, 1:00 pm. In an effort to mitigate the impacts of COVID-19, opening of proposals will be conducted by video conference and recorded for public record. Members of the public may join the opening remotely. To attend the opening via computer: Go to <https://globalpage-prod.webex.com/join>, enter the meeting number 126 637 3249, enter the password: ETbZqjPn449 (38297576 from phones and video systems). To join by video system: Dial 1266373249@meetingsamer18.webex.com or you can also dial 173.243.2.68 and enter your meeting number. To join by phone +1-408-418-9388 United States Tolls apply and enter access code: 126 637 3249.

Name of Contractor or Contracting company	Unit price (Unit Price) x (Estimated No. of Units) = Extended Unit Price	Total Bid Price by	Total Bid Price
Nature Care Ecological Consulting and Services	Non-Metallic Mine:	\$318.50	\$5,374.75
	\$245/acre= \$318.5		
	Private Property:	\$4,400.00	
	\$245/acre= \$4,400		
	County ROW:	\$656.25	
	\$75/mile= \$656.25		

DOOR COUNTY SOIL and WATER CONSERVATION DEPARTMENT

Water Pollution Abatement Cost-Sharing Program Policy

PURPOSE

To abate water pollution in the county. To provide monetary incentive to landowners by sharing in the cost of the installation of practices which will abate water pollution. Cost-share funds may also be used for other conservation projects by action of the LCC.

ROLE OF SOIL & WATER CONSERVATION DEPARTMENT PERSONNEL

To serve as the agent of the Land Conservation Committee in administering the program.

To provide technical assistance in developing a water pollution abatement plan with the applicant. To advise cost-share applicants of all options available to them.

To present applications to the LCC with recommendation for their approval or disapproval.

To inspect installation of the project for final approval as for compliance of minimum requirements and specifications of the water pollution abatement plan and program policy.

ROLE OF THE LAND CONSERVATION COMMITTEE

To make preliminary and final approval of all eligible applications.

ELIGIBILITY OF APPLICANT AND PROJECT

Units of Government are not eligible for cost-sharing.

A definite probability that the proposed project will significantly reduce existing or potential water pollution, rather than private benefits such as convenience.

The project will be of an enduring nature.

Installation of the project shall not begin before preliminary grant application approval is given by the LCC.

Installation of the project shall not begin before the Water Pollution Abatement Plan (construction plan) is approved by the SWCD.

Cost-share recipients must agree to maintain, and operate, the pollutant control practice for a minimum of ten years.

Failure to maintain the pollutant control practices in accordance with all minimum requirements and specifications of the water pollution abatement plan, may subject the funds recipient, except for circumstances beyond the control of the recipient, to complete repayment of all SWCD cost-sharing funds received and jeopardize the landowner's future eligibility for SWCD, state or federal cost-sharing funds and/or technical assistance.

GENERAL FUND ADMINISTRATION

SWCD cost-sharing shall not exceed 70% of the total costs of an approved project. SWCD cost-share funds may be utilized to cost-share 70% of the remaining costs after other sources of cost-share funds are applied. Cost-share rates may be adjusted in special circumstances by action of the LCC.

When SWCD administered cost-share funds are used in addition to other sources of cost-share funds, the SWCD administered cost-share amount shall be applied last and shall be limited to an amount which results in the total cost-share received from all sources to not exceed 100% of eligible costs. The SWCD 100% total cost-share maximum shall

apply to, and include only, those items deemed cost-share eligible costs by the cost-share program(s) administered by the SWCD.

SWCD cost-share funds shall not exceed ~~\$3,000~~ \$10,000 per year to an individual applicant. ~~for all projects except for barnyard runoff control systems and manure storage facilities which shall have a \$5,000 maximum. For nutrient management cost sharing, an annual upfront payment of up to \$7,000 is permissible, with a maximum breakdown of \$1,750 per year for four years.~~ Cost-share limits may be adjusted in special circumstances by the action of the LCC.

The cost-share applicant will provide copies of invoices (and estimated applicant's in-kind contribution), of labor, materials, equipment use and other costs incurred during construction before any cost-sharing funds may be distributed. Proof of payment, which includes canceled checks and contractor lien waivers, and other evidences of payment, will be required prior to the issuance of cost-share grants.

All cost-share grant approvals expire on December 31 of the year that approval was given by the LCC. Carry-over of approved cost-share grants from one calendar-year to the next may be approved by the LCC at the applicant's written request.

Cost-share payments shall be paid following the completion of the project according to the Water Pollution Abatement Plan. The LCC may approve partial grant payments, at the applicant's written request, if the project will not be completed on schedule due to circumstances beyond the control of the applicant or to facilitate proper installation of the project at a modified installation schedule.

Failure to comply with all the conditions of the cost-sharing program policy will result in the applicant's forfeiture of eligibility to receive a cost-share grant under this program.

APPLICATION PROCEDURE

Applicant's may apply for cost-share funds at the SWCD office by completing, and submitting, a Request of Cost-Sharing form.

Application denials are final and subsequent applications for the same or substantially similar proposed projects will not be accepted.

VARIANCE PROCEDURE

The LCC may approve a variance from a requirement of this policy upon written request of the applicant if the LCC determines that a variance is essential to effect program objectives and where special circumstances make a variance in the best interest of the program. The LCC will consider such factors as good cause, circumstances beyond the control of the applicant and financial hardship.

DEFINITIONS

"Water Pollution" means the presence in water of dissolved or suspended substances, of such character and in such forms, amounts, or concentrations that the water is rendered injurious to human life, harmful to commercial or recreational use, or harmful to fish, bird, animals or plant life.

"Water Pollution Abatement Plan" means a document which provides necessary and appropriate drawings, maps, pictures and descriptions of soils, waters and other relevant natural features; identifying management practices which are to be undertaken in order to abate such pollution, including drawings, design standards and specifications; and a time schedule for accomplishing the plan objectives.

ADOPTED BY THE LAND CONSERVATION COMMITTEE – 7/08/09

**August 2020
COUNTY COST-SHARE APPLICATIONS APPROVED BY SWCD**

Well Abandonment

Name	Estimated Cost	County Grant
Wayne Schrubbe	\$700.00	\$600.00
Well located on parcel 0060030262614 in the Town of Clay Banks. Well depth is ~<100', 6" diameter pipe, no pump or pit present.		

Other – Requires LCC Approval

Name	Estimated Cost	County Grant
S & S Cropping Enterprises	\$13,062.52	\$9,143.76
.5 acre waterway with tile line		

Nutrient Management - Previously Approved by SWCD

Name	Acres	County Grant

Other - Previously Approved by Ken Fisher

Name	Acres	County Grant



Environmental Research & Innovation Center

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Door County Private Well Monitoring Program: Fall 2020 Outline

The goal of the Door County Private Well Monitoring Program is to provide education to county residents and visitors about well water quality monitoring while simultaneously building a database of groundwater quality data that can be used by county officials to monitor and maintain safe and healthy drinking water in Door County. It is anticipated that grants, resident interest and/or modest county funds can be obtained to make this program sustainable for the long-term.

In the fall of 2019, over 150 well owners in Door County participated in the pilot program. Results from the pilot program showed 15% of wells with coliform bacteria present (0% *e. coli*), 2% with nitrate levels over 10 mg/L, and 0% with arsenic levels over 10 µg/L.

UW Oshkosh will be conducting a spatially distributed groundwater study throughout Door County. This will be done by sampling at least one well per PLSS section (1 square mile area) of the county, totaling 619 sections. UW Oshkosh will randomly select well(s) in each section in Door County and invite residents to participate in the study by letter. Any Door County resident that owns a well may participate in the study even if their well was not selected. Previous participants will be invited for the fall 2020 sampling by emailing a registration link and/or sending a mail invitation.

The study will cover the quantification of total coliforms/*e. coli* and nitrate + nitrite as N. In addition, participants will have the option to add arsenic and cumulative tests for an additional cost. UW Oshkosh will serve as the data custodian for all private well information and well data. Results will be released to study participants, a county-wide database with results will be built (including detailed maps showing results without personally identifiable information), and results will be shared with the WI Well Water Quality Interactive Viewer (Managed by UWSP).

Objectives

1. Educate Door County residents of the importance of testing their well water
2. Collect spatially distributed groundwater data throughout the county
3. Solicit volunteers for a long-term monitoring program

Activities

1. Advertise a 2020 sampling event and public forum via social media, radio, local press and at local community events and/or meetings
2. Randomly select well(s) in each remaining section by sending letters and invite former participants to take part in the study
3. Hold a virtual public forum(s) with three primary objectives:
 - a. Discuss the groundwater study and importance of testing well water quality
 - b. Teach study participants how to collect water samples and
 - c. Drop-off logistics - when/where to drop off samples
4. Mail out sampling kits to participating wells

5. Hold 2-3 water sample drop-off “drive-thru” locations on Friday evening and Saturday morning
 - a. Special arrangements will be made for Washington Island. A staff member will instruct participants how to collect samples and take samples back to Sturgeon Bay.
6. Run samples at UW Oshkosh lab and notify participants immediately of any unsafe results
7. Release results to study participants, build a county-wide database with results, and share results with the WI Well Water Quality Interactive Viewer (Managed by UWSP)
8. Hold a virtual public forum after study completion to educate public of study results and next steps
9. Generate a final report with a summary of 2019 and 2020 results. This will include maps, graphs, and a preliminary data review to determine “hot spots”

Future Activities

1. Continue to recruit volunteers for long-term monitoring that fit study design requirements
2. Apply for continued funding for the long-term sustainability of the program
3. Conduct repeat sampling events to characterize long term trends in groundwater quality, accounting for the variability caused by underlying geology

Budget

Item	Cost per item	Fall 2020 Sampling		GRAND TOTAL
		Quantity	Total Cost	
Laboratory Testing (total coliforms/ <i>e. coli</i> & nitrate + nitrite as N)	\$45	300 wells	\$13,500	\$13,500
Homeowner cost coverage of laboratory testing	-\$30	300 wells	-\$9,000	-\$9,000
UW Oshkosh time	\$20	60 hours	\$1,200	\$1,200
UW Oshkosh travel	\$0.58	~400 miles	\$232	\$232
UW Oshkosh hotel	\$100	2	\$200	\$200
Mailings (letters)	\$0.80	1,000	\$800	\$800
Shipping sample kits	\$4.50	300	\$1,350	\$1,350
Grand Total				\$8,282

Timeline

- August – send letters to randomly selected wells
- September – hold virtual public forums
- October 2/3rd – water sample drop-off
- October – release results to participants & hold virtual public forum with results
- Spring 2021 – coordinate a repeat sampling event

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Department 31 - Soil, Water, Conservation									
Vendor 4818 - CELLCOM WISCONSIN RSA 10									
Sub-Department 31 Soil, Water, Conservation									
509512	June/July Cellular Charges	Paid by Check #675315		07/14/2020	07/14/2020	07/14/2020		07/21/2020	152.65
		Sub-Department 31 Soil, Water, Conservation Totals				Invoices	1		0
		Vendor 4818 - CELLCOM WISCONSIN RSA 10 Totals				Invoices	1		\$152.65
Vendor 5245 - DC PRINTING LLC									
Sub-Department 31 Soil, Water, Conservation									
965473	Boot Brush Signs	Paid by Check #675316		07/14/2020	07/14/2020	07/14/2020		07/21/2020	171.00
		Sub-Department 31 Soil, Water, Conservation Totals				Invoices	1		0
		Vendor 5245 - DC PRINTING LLC Totals				Invoices	1		\$171.00
Vendor 14654 - EWALDS HARTFORD FORD LLC									
Sub-Department 31 Soil, Water, Conservation									
35214	2020 Ford Ranger - SWCD	Paid by Check #675362		07/21/2020	07/21/2020	07/21/2020		07/21/2020	30,097.00
		Sub-Department 31 Soil, Water, Conservation Totals				Invoices	1		0
		Vendor 14654 - EWALDS HARTFORD FORD LLC Totals				Invoices	1		\$30,097.00
Vendor 11225 - FORESTRY SUPPLIERS INC									
Sub-Department 31 Soil, Water, Conservation									
736083	Control Supplies - PeDIP	Paid by Check #675317		07/14/2020	07/14/2020	07/14/2020		07/21/2020	523.92
		Sub-Department 31 Soil, Water, Conservation Totals				Invoices	1		0
		Vendor 11225 - FORESTRY SUPPLIERS INC Totals				Invoices	1		\$523.92
Vendor 9730 - GANNETT WISCONSIN MEDIA									
Sub-Department 31 Soil, Water, Conservation									
3416967	RFP - Wild Parsnip Control	Paid by Check #675318		07/14/2020	07/14/2020	07/14/2020		07/21/2020	28.35
		Sub-Department 31 Soil, Water, Conservation Totals				Invoices	1		0
		Vendor 9730 - GANNETT WISCONSIN MEDIA Totals				Invoices	1		\$28.35
Vendor 7754 - LAU'S AUTO CARE CENTER									
Sub-Department 31 Soil, Water, Conservation									
32594	Auto Service	Paid by Check #675319		07/14/2020	07/14/2020	07/14/2020		07/21/2020	366.02
		Sub-Department 31 Soil, Water, Conservation Totals				Invoices	1		0
		Vendor 7754 - LAU'S AUTO CARE CENTER Totals				Invoices	1		\$366.02
Vendor 12247 - MARK GRUETTNER									
Sub-Department 31 Soil, Water, Conservation									
20200707	Well Abandonment - County Cost-share Payment	Paid by Check #675320		07/14/2020	07/14/2020	07/14/2020		07/21/2020	300.00
		Sub-Department 31 Soil, Water, Conservation Totals				Invoices	1		0
		Vendor 12247 - MARK GRUETTNER Totals				Invoices	1		\$300.00

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
Vendor 1397 - REGISTRATION FEE TRUST									
Sub-Department 31 Soil, Water, Conservation									
20200721	SWCD 2020 Ranger Registration	Paid by Check #675363		07/21/2020	07/21/2020	07/21/2020		07/21/2020	169.50
		Sub-Department 31 Soil, Water, Conservation Totals				Invoices		1	0
		Vendor 1397 - REGISTRATION FEE TRUST Totals				Invoices		1	\$169.50
Vendor 12144 - SAMUEL HOFFMAN									
Sub-Department 31 Soil, Water, Conservation									
20200715	Garbage Bags for WP Control (GLRI)	Paid by Check #675321		07/14/2020	07/14/2020	07/14/2020		07/21/2020	19.49
		Sub-Department 31 Soil, Water, Conservation Totals				Invoices		1	0
		Vendor 12144 - SAMUEL HOFFMAN Totals				Invoices		1	\$19.49
Vendor 11951 - SARA LARDO									
Sub-Department 31 Soil, Water, Conservation									
20200710	Fencing - SWRM C/S Payment	Paid by Check #675322		07/14/2020	07/14/2020	07/14/2020		07/21/2020	1,479.81
		Sub-Department 31 Soil, Water, Conservation Totals				Invoices		1	0
		Vendor 11951 - SARA LARDO Totals				Invoices		1	\$1,479.81
Vendor 12273 - SARA LARDO & GRD SERVICES LLC									
Sub-Department 31 Soil, Water, Conservation									
20200710	SWRM C/S Payment	Paid by Check #675323		07/14/2020	07/14/2020	07/14/2020		07/21/2020	4,282.34
		Sub-Department 31 Soil, Water, Conservation Totals				Invoices		1	0
		Vendor 12273 - SARA LARDO & GRD SERVICES LLC Totals				Invoices		1	\$4,282.34
Vendor 9619 - TURNING POINT SYSTEMS GROUP									
Sub-Department 31 Soil, Water, Conservation									
20526	4' GPS Antenna Cable	Paid by Check #675324		07/14/2020	07/14/2020	07/14/2020		07/21/2020	163.11
		Sub-Department 31 Soil, Water, Conservation Totals				Invoices		1	0
		Vendor 9619 - TURNING POINT SYSTEMS GROUP Totals				Invoices		1	\$163.11
Vendor 7134 - WI LAND + WATER CONSVTN ASSOC									
Sub-Department 31 Soil, Water, Conservation									
6224	County Con Meeting Registration	Paid by Check #675325		07/14/2020	07/14/2020	07/14/2020		07/21/2020	55.00
		Sub-Department 31 Soil, Water, Conservation Totals				Invoices		1	0
		Vendor 7134 - WI LAND + WATER CONSVTN ASSOC Totals				Invoices		1	\$55.00
Vendor 13203 - WI STATE LABORATORY OF HYGIENE									
Sub-Department 31 Soil, Water, Conservation									
639196	Stream Samples - NFWF 2	Paid by Check #675326		07/14/2020	07/14/2020	07/14/2020		07/21/2020	834.00
		Sub-Department 31 Soil, Water, Conservation Totals				Invoices		1	0
		Vendor 13203 - WI STATE LABORATORY OF HYGIENE Totals				Invoices		1	\$834.00
		Department 31 - Soil, Water, Conservation Totals				Invoices		14	\$38,642.19

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Accounts Payable Invoice Report

G/L Date Range 07/01/20 - 07/31/20
Report By Department - Vendor - Invoice
Summary Listing

Invoice Number	Invoice Description	Status	Held Reason	Invoice Date	Due Date	G/L Date	Received Date	Payment Date	Invoice Net Amount
31 Soil, Water, Conservation									
				Grand Totals		Invoices	14		\$38,642.19