



State of Wisconsin
Land and Water Conservation Board

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**Land and Water Conservation Board
 Meeting**

October 6, 2015
 9:00 a.m. – 2:20 p.m.

Boardroom 106
 Wisconsin Department of Agriculture, Trade and Consumer Protection
 2811 Agriculture Drive
 Madison, WI

Agenda

*THE LWCB MAY TAKE ACTION ON ANY OF THE ITEMS LISTED ON THE AGENDA AT
 THE SCHEDULED MEETING*

9:00	a.m.	1	Call to order—Mark Cupp, LWCB a. Pledge of allegiance b. Open meeting notice c. Approval of agenda d. Approval of August 4, 2015, LWCB meeting minutes
9:05	a.m.	2	Public appearances* *Please complete a Public Appearance Request Card and submit it to a DATCP representative before the start of the meeting
9:10	a.m.	3	2016 DATCP and DNR final allocation plan (Environmental Assessment and comments on the preliminary allocation) – Richard Castelnovo, DATCP; and Linda Talbot, DNR
9:45	a.m.	4	Recommendation for approval of county requests to extend Land and Water Resource Management Plan expiration dates— Lisa Trumble, DATCP • Crawford- one year extension • Washburn- two year extension
10:00	a.m.	5	Recommendation for approval of 5-year extension request for Door County Land and Water Resource Management Plan— Greg Coulthurst, Door County SWCD
10:40	a.m.	6	Recommendation for approval of Land and Water Resource Management Plan revision for Sheboygan County — Christopher Ertman, Sheboygan County LWCD

*Mark Cupp, Chair • Lynn Harrison, Vice-Chair
 Members: George Mika • Robin Leary • Dale Hood • Dave Solin
 Eric Birschbach • Caitlin Frederick • John Petty • Mary Anne Lowndes*

October 6, 2015, LWCB Meeting Agenda

11:20	a.m.	7	Recommendation for approval of 5-year extension request for Iron County Land and Water Resource Management Plan— Heather Palmquist, Iron County LWCD
12:00	p.m.	8	Lunch Break
12:45	p.m.	9	Recommendation for approval of 5-year extension request for Marinette County Land and Water Resource Management Plan— Greg Cleereman, Marinette County LWCD
1:25	p.m.	10	Report on 2014 program accomplishments by counties— Lisa Schultz, DATCP
1:55	p.m.	11	Agency reports a. FSA b. NRCS c. UW-CALS d. UW-Extension e. WLWCA f. DATCP g. DNR
2:15	p.m.	12	Planning for December 2015 Meeting- Mark Cupp, LWCB
2:20	p.m.	13	Adjourn

**DRAFT MINUTES
LAND AND WATER CONSERVATION BOARD MEETING**

**August 4, 2015
DATCP Board Room
Wisconsin Department of Agriculture, Trade and Consumer Protection
2811 Agriculture Drive, Madison, Wisconsin**

Item #1 Call to Order—pledge of allegiance, open meeting notice, approval of agenda, approval of April 7, 2015 LWCB meeting minutes.

The meeting was called to order by Chairman Mark Cupp at 9:00 a.m. Cupp, George Mika, Dave Solin, Eric Birschbach, Dale Hood, Lynn Harrison, Keith Foye (for John Petty), Caitlin Frederick, Pam Biersach (for Mary Anne Lowndes) were in attendance. A quorum was present. Advisors Kurt Calkins (by phone) and Jim VandenBrook (WI Land + Water), Pat Murphy (for Jimmy Bramblett, NRCS) were present. Others present included Fay Amerson and Brian Smetana, Walworth County; Mark Watkins, Jefferson County LWCD; Tom Davies, Winnebago County LWCD; Chase Cummings, Pepin County LCD; Andy Johnson, Marathon County CPZ LCD, Richard Castelnuovo, Lisa Trumble, and Chris Clayton, DATCP; Linda Talbot, DNR.

Trumble confirmed that the meeting was publicly noticed.

Mika moved to approve the agenda as presented, Solin seconded, and the motion carried.

Solin moved to accept the April 7, 2015 meeting minutes, Frederick seconded, and the motion carried.

There was an update on member status. Harrison stated that his reappointment to the LWCB is pending decision by the Governor's office. Birschbach noted that his reappointment to the LWCB should be finalized soon. Cupp will keep the board apprised about filling other board vacancies.

Item #2 Public Appearances

No public appearance cards were submitted.

Item #3 Report on the preliminary 2015 DATCP and DNR joint allocation plan

Castelnuovo, DATCP, reported that the county staffing grant is down by \$140,000 compared to an annual appropriation in the last biennium totaling \$8.8 million. In general, reduced funding translates into less money for a county's second position. Regarding SEG cost-share funds, DATCP was directed to set aside \$250,000 for producer-led watershed councils. In the end, DATCP was not able to meet all cost share requests, but the shortfall was not significant. DATCP is waiting to hear if it has further responsibilities to meet lapse requirements.

Talbot, DNR, reported that reserves for planning and local assistance grants might change in September. DNR is hoping for more large-scale watershed management grant applications; there

are only two applications at this point. Urban Nonpoint Source and Storm Water Management grants are down to \$750,000 in bond funding per year in the biennium, compared to \$1 million, plus, previously. The Targeted Runoff Management grant award is down from previous years.

The following was discussed: the impact of reduced revenue from tipping fees on the SEG nonpoint account; the value of better quantifying the benefits of conservation practices; the need to build awareness in the legislature of how the funds are spent by conservation “boots on the ground”; DATCP and DNR actions to increase accountability including DNR’s new reporting form that requires modeling for sediment and phosphorus reductions; the prospects of funding nonpoint programming using funds from point source dischargers; the need for counties to diversify the funding sources used to support conservation programming; and the impact of growing debt service costs on current and future bond funding.

Item #4 Runoff Management Program; Targeted Runoff Management and Urban Nonpoint Source and Storm Water Grants

Linda Talbot, DNR, already reported on the DNR’s proposed scoring and ranking of Targeted Runoff Management (TRM) and Urban Nonpoint Source and Storm Water Management (UNPS) project applications for CY 2016 funding.

Item #5 Recommendation for approval of 5-year extension request for Walworth County Land and Water Resource Management Plan

Amerson and Smetana made a presentation in support of Walworth County’s 5-year extension of its LWRM plan. (The presentation can be accessed at: <http://datcp.wi.gov/uploads/Environment/pdf/LWCBWalworthCountyAug2015.pdf>)

Amerson highlighted the county’s progress in meeting planned goals and activities, and addressed key benchmarked activities pursued by the county over the past five years.

Amerson reported that the county’s current farm priority strategy is effective, and the county submitted an updated work plan that covers planned activities during the five year extension period.

In response to questions, the county discussed a collaboration between the Lake Delevan association and farmers that has advanced to the point where the association will provide funding incentives to farmers to reduce runoff.

Mika moved to approve the Walworth County’s 5-year extension request as presented, Hood seconded, and the motion carried.

Item #6 Recommendation for approval of 5-year extension request for Jefferson County Land and Water Resource Management Plan

Watkins made a presentation in support of Jefferson County’s 5-year extension of its LWRM plan. (The presentation can be accessed at: <http://datcp.wi.gov/uploads/Environment/pdf/LWCBJeffersonCountyAug2015.pdf>)

Watkins highlighted the county's progress in meeting planned goals and activities, and addressed key benchmarked activities pursued by the county over the past five years.

Watkins reported that the county's current farm priority strategy is effective, and he submitted an updated work plan that covers planned goals and activities during the five year extension period.

The following issues were discussed: extensive coverage of nutrient management plans in the county, the county continuing to implement the Purchase of Agricultural Conservation Easements program, reasons in the county behind non-compliance with agricultural performance standards, the value of the county's GIS tracking database, and the multi-agency response to Avian flu detection at three Jefferson County poultry farms.

Solin moved to approve the Jefferson County's 5-year extension request as presented, Mika seconded, and the motion carried.

Item #7 Recommendation for approval of 5-year extension request for Winnebago County Land and Water Resource Management Plan

Davies made a presentation in support of Winnebago County's 5-year extension of its LWRM plan. (The presentation can be accessed both at:
<http://datcp.wi.gov/uploads/Environment/pdf/LWCBWinnebagoCountyAug2015a.pdf>
<http://datcp.wi.gov/uploads/Environment/pdf/LWCBWinnebagoCountyAug2015b.pdf>)

Davies highlighted the county's progress in meeting planned goals and activities, and addressed key benchmarked activities pursued by the county over the past five years.

Davies reported that the county's current farm priority strategy is effective, and he submitted an updated work plan that covers planned activities during the five year extension period.

The following issues were discussed: an effort among counties in the region to identify and address public resource concerns, the Lower and Upper Fox/Wolf River TMDL processes, strengthening the county's Land and Water Management Plan and improving benchmarking by quantifying objectives as they relate to the county's planned goals, and the water quality practice of placing ponds on the ends of waterways.

Harrison moved to approve the Winnebago County's 5-year extension request as presented, Birschbach seconded, and the motion carried.

Item #8 Recommendation for approval of 5-year extension request for Pepin County Land and Water Resource Management Plan

Cummings made a presentation in support of Pepin County's 5-year extension of its LWRM plan. (The presentation can be accessed at:
<http://datcp.wi.gov/uploads/Environment/pdf/LWCBPepinCountyAug2015.pdf>)

Cummings highlighted the county's progress in meeting planned goals and activities, and addressed key benchmarked activities pursued by the county over the past five years.

The county pointed out its farm priority strategy, and Cummings provided an update detailing how the county plans to implement the new approach. In addition, he submitted an updated work plan that covers planned activities during the five year extension period.

The data from the county's transect survey shows most lands are meeting T, but there has been some increase in soil loss due to commodity prices having increased and subsequent increases in row crops.

Frederich moved to approve the Pepin County's 5-year extension request as presented, Harrison seconded, and the motion carried.

Item #9 Recommendation for approval of 5-year extension request for Marathon County Land and Water Resource Management Plan

Johnson made a presentation in support of Marathon County's 5-year extension of its LWRM plan. (The presentation can be accessed at: <http://datcp.wi.gov/uploads/Environment/pdf/LWCBMarathonCountyAUg2015.pdf>)

Johnson highlighted the county's progress in meeting planned goals and activities, and addressed key benchmarked activities pursued by the county over the past five years.

Johnson reported that the county's current farm priority strategy is effective, and he submitted an updated work plan that covers planned activities during the five year extension period.

The following issues were discussed: the county's focus on citations and other options besides face-to-face contact to increase adoption of nutrient management plans, the role of the Big Eau Pleine Citizens Organization in calling attention to water quality issues, and the importance of farmer participation in the discussion.

Hood moved to approve the Marathon County's 5-year extension request as presented, Solin seconded, and the motion carried.

Item #10 Agency Reports

NRCS – The local workgroup process is wrapping up; 22 meetings and 500 participants, so far. Many local staff are asking that some funding shift from manure storage to land practice treatment. NRCS will process application rankings by October 2 and move the process forward. NRCS released the 590 standard revisions for comments, and there are 20 plus pages of comments. The revised 590 should position the state well for the next 10 years.

WLWCA – Regarding the state budget, staff funding and nonpoint grants were largely restored, but conservation non-profits were cut by \$1 million. The 590 standard revision shows that the Standards Oversight Council is a solid partnership. The DNR is working with WLWCA to partner with three municipalities along the Wisconsin River near Spring Green to work with farmers, trying and monitoring new practices - all to reduce nitrate levels in well water. Manure irrigation taskforce is ongoing. There might be merit in a legislative council study directed to study alternatives to achieve land and water funding.

DATCP – Secretary Brancel promised county drainage board trainings, and they will take place in September. Waupaca County is now certified for FPP. Final comments were received from the Livestock Siting Technical Expert Committee members regarding the committee’s final report, which will be forwarded to the Secretary soon.

DNR – Sorting through the budget and staff vacancies, the DNR is trying to maintain 11 field positions in agriculture; currently down to 7.5 positions; and one nonpoint coordinator vacancy. DNR is waiting to get lapse numbers from DOA. By late August or early September they will find out the budget situation. The Watershed Bureau is looking at a \$400,000 lapse, and there’s concern about the ability to fill vacant positions. DNR is going through a strategic alignment. Water Quality Bureau has been moved over to Business Relations/Services Division. Permitting of point sources will fall under Environmental Management Division, and Waterways and Wetlands under the Business Relations Division. Those entities who deal with development up-front were placed in Business Relations Division. The agency is reexamining the administrative reporting structure.

Item #11 Planning for October 2015 Meeting – Mark Cupp, LWCB

- Final SWRM allocation plan from DATCP.
- Five extension requests and one plan revision from Sheboygan County.
- Cupp requested to have a full day meeting in the future when the agenda has so many items.

Item #12 Adjourn

Harrison moved to adjourn, Mika seconded. The meeting was adjourned at 1:12pm.

Respectfully submitted,

Eric Birschbach, Secretary

Date

Recorder: CRC, DATCP

DATE: September 23, 2015

TO: Land and Water Conservation Board Members and Advisors

FROM: Keith Foye, DATCP 
Bureau of Land and Water Resources

Pam Biersach, DNR 
Bureau of Watershed Management

SUBJECT: 2016 Joint Final Allocation Plan for the Soil and Water Resource Management Program and the Nonpoint Source Program

Recommended Action: This is an action item. Staff request that the Land and Water Conservation Board (LWCB) recommend approval of the *2016 Joint Final Allocation Plan*.

Procedural Summary: On or about July 24, 2015, the Land and Water Resources Bureau completed its e-mailing of the 2016 Joint Preliminary Allocation Plan and Environmental Assessment (EA) to the LWCB members and advisors, county land conservation departments, and other interested parties.

Counties and other interested parties were provided 30 days to submit written comments on the proposed allocation, and also were advised that they could request to appear before the LWCB at its August or October meetings to present comments. At LWCB's August 4th meeting, there were no public appearances and no comments were received by the LWCB.

DATCP will present a separate agenda item that summarizes and responds to the comments submitted concerning its portion of the proposed allocation plan.

Allocation Summary: The following summarizes the final allocation plan with an emphasis on the changes in the allocation from the preliminary allocation plan, which are specifically documented on the last page of the final allocation plan under the heading "SUMMARY OF CHANGES TO THE 2016 JOINT PRELIMINARY ALLOCATION PLAN."

County Staff and Support Grants

Total \$8,803,594

DATCP's allocation of \$8,739,100 in grants to county land conservation committees (counties) remains unchanged. DATCP also made a non-substantive change from the preliminary allocation plan to clarify its future directions regarding the staff and support grant formula.

DNR's reserved preliminary allocation of \$34,175 for Urban Nonpoint Source and Storm Water Management Grant Program Planning projects and local assistance in Targeted Runoff Management (TRM) Grant Program Large-Scale TRM projects has been changed as follows: DNR's final allocation to counties is \$64,494. Tables B and C have been updated to reflect specific awards to counties.

Cost-Share Grants**Total=\$9,476,591**

DATCP's allocation of \$5,528,053 in grants for Bond, Bond Reserve, and SEG cost-sharing remains unchanged. The breakdown for this allocation is as follows: \$3,675,048 in bond funds for county landowner cost-sharing, \$200,000 in bond funds for a reserve to address regulatory animal waste response (NR 243) projects, and \$1,653,005 in SEG funds for county nutrient management cost-sharing.

DNR's reserved preliminary allocation of \$3,254,340 for Targeted Runoff Management (TRM) Grant Program projects and Urban Nonpoint Source and Storm Water Management Program Construction projects has been changed as follows: DNR's final allocation to counties is \$2,948,538. Tables B and C have been updated to reflect specific awards to counties.

Other DATCP Projects**Total = \$ 648,195**

DATCP's allocation in this category remains unchanged and consists of \$547,131 in SEG funds for statewide cooperator projects and \$101,064 in SEG funds for farmer training grants.

DATCP and DNR Combined Allocation Amount**Total = \$18,928,380**

The amount decreased from the amount in the preliminary allocation based on changes in the DNR allocation discussed above.

Materials Provided:

- ◆ *2016 Joint Final Allocation Plan*
- ◆ *Environmental Assessment*

Presenters: Richard Castelnuovo (DATCP); Linda Talbot (DNR)

2016 JOINT FINAL ALLOCATION PLAN

Soil and Water Resource Management Grant Program and Nonpoint Source Program

The allocations identified in this final plan provide counties and others with grant funding for conservation staff and support costs, landowner cost-sharing, and runoff management projects. The Wisconsin Department of Agriculture, Trade and Consumer Protection (DATCP) and the Department of Natural Resources (DNR) are making these allocations to protect Wisconsin's soil and water resources, consistent with the objectives in chs. 92 & 281, Wis. Stats.

DATCP is allocating grants to county land conservation committees (counties) and other project cooperators in 2016 through the Soil and Water Resource Management Program (Table A).

DNR is allocating grants to counties through the Targeted Runoff Management (TRM), Urban Nonpoint Source and Storm Water Management (UNPS), and NR 243 Notice of Discharge (NOD) programs (Table B).

For 2016, a total of \$18,928,380 is allocated based on the state budget for the 2016-18 biennium. Table C summarizes all allocations, by grantee. Organized by funding category, Chart 1 below summarizes grant fund requests, unmet funding requests and final allocations. Chart 2 below shows the allocation categories by funding sources.

If required, these allocations may be adjusted based on reductions in appropriations or authorizations.

Chart 1: Summary of Requests and Joint Allocations for Grant Year 2016			
Funding Category	Total Requests	Unmet Requests	Final Allocations
DATCP ALLOCATIONS			
County Staff/Support	\$16,025,340	\$7,286,240	\$8,739,100
County LWRM Cost-Share (B)	\$7,146,000	\$3,470,952	\$3,675,048
NR 243 Reserve (B)	\$200,000	\$0	\$200,000
LWRM Cost-Share (SEG)	\$2,643,900	\$990,895	\$1,653,005
Project Contracts (SEG)	\$592,931	\$45,800	\$547,131
NMFE Training Grants (SEG)	\$101,064	\$0	\$101,064
SUBTOTAL	\$26,709,235	\$11,793,887	\$14,915,348
DNR ALLOCATIONS			
UNPS Planning	\$24,669	0	\$24,669
UNPS Construction	\$100,666	\$100,666	\$0
TRM Construction	\$4,217,727	\$1,229,364	\$2,988,363
NOD Reserve (B & CP)	\$1,000,000		\$1,000,000
SUBTOTAL	\$5,343,062	\$1,330,030	\$4,013,032
Total			\$18,928,380

Chart 2: Funding Sources	
Staff and Support Grants	
\$ 5,711,900	DATCP SEG from s. 20.115(7)(qe)
\$ 3,027,200	DATCP GPR from s. 20.115(7)(c)
\$8,739,100	DATCP Subtotal
\$ 24,669	DNR SEG from s. 20.370(6)(dq)
\$ 39,825	DNR Sec. 319 Account (federal)
\$ 0	DNR GPR from s. 20.370(6)(aa)
\$ 64,494	DNR Subtotal
=====	
\$ 8,803,594	TOTAL Staff & Support Grants
Cost-Share Grants	
\$ 3,675,048	DATCP Bond from s. 20.866(2)(we)
\$ 200,000	DATCP Bond Reserve from s. 20.866(2)(we)
\$ 1,653,005	DATCP SEG Revenue from s. 20.115(7)(qf)
\$ 5,528,053	DATCP Subtotal
\$ 3,053,674	DNR Bond Revenue from s. 20.866(2)(tf)
\$ 100,000	DNR SEG from s. 20.370(6)(aq)
\$ 0	DNR Bond Revenue from s. 20.866(2)(th)
\$ 794,864	DNR Sec. 319 Account (federal)
\$ 3,948,538	DNR Subtotal
=====	
\$ 9,476,591	TOTAL Cost-Share Grants
NMFE & Other Project Cooperator (OPC) Grants	
\$ 101,064	DATCP NMFE SEG from s. 20.115(7)(qf)
\$ 547,131	DATCP OPC SEG from s. 20.115(7)(qf)
=====	
\$ 648,195	TOTAL NMFE & Other Grants
\$18,928,380 GRAND TOTAL	

Abbreviations Used Above:
<i>LWRM = Land & Water Resource Management Plan Implementation</i>
<i>NA = Not Applicable or Available</i>
<i>NMFE= Nutrient Management Farmer Education</i>
<i>NOD= Notice of Discharge/Notice of Intent</i>
<i>TRM = Targeted Runoff Management</i>
<i>UNPS = Urban Nonpoint Source and Storm Water Management</i>
<i>B = Bond Revenue</i>
<i>CP= Cropping Practices</i>

Table A: 2016 Allocations of DATCP Funding

County	DATCP Staffing & Support Allocation	LWRM Plan Implementation		Total DATCP 2016 Allocation	County	DATCP Staffing & Support Allocation	LWRM Plan Implementation		Total DATCP 2016 Allocation
		Bond Cost-Sharing	SEG Cost-Sharing				Bond Cost-Sharing	SEG Cost-Sharing	
Adams	119,023	57,000	28,000	204,023	Oconto	128,621	42,500	14,980	186,101
Ashland	104,756	50,000	14,000	168,756	Oneida	92,590	35,000	0	127,590
Barron	115,967	52,500	28,000	196,467	Outagamie	157,787	62,500	50,000	270,287
Bayfield	108,794	62,000	8,400	179,194	Ozaukee	137,862	62,000	42,000	241,862
Brown	133,686	40,048	0	173,734	Pepin	114,835	40,000	11,200	166,035
Buffalo	100,990	52,500	33,600	187,090	Pierce	130,465	82,500	20,000	232,965
Burnett	105,598	17,000	12,000	134,598	Polk	145,834	43,000	0	188,834
Calumet	121,244	32,000	50,000	203,244	Portage	135,703	67,500	0	203,203
Chippewa	166,836	42,500	38,423	247,759	Price	80,942	42,000	0	122,942
Clark	139,116	72,500	50,000	261,616	Racine	132,436	57,000	42,000	231,436
Columbia	137,670	87,500	45,000	270,170	Richland	97,842	47,500	28,000	173,342
Crawford	101,946	47,500	14,000	163,446	Rock	158,794	67,500	45,000	271,294
Dane	162,254	42,500	45,000	249,754	Rusk	95,839	57,000	28,000	180,839
Dodge	137,622	27,500	10,000	175,122	Saint Croix	143,533	27,500	25,000	196,033
Door	160,095	32,000	19,600	211,695	Sauk	126,135	67,500	42,000	235,635
Douglas	123,296	27,000	0	150,296	Sawyer	78,576	35,000	7,000	120,576
Dunn	152,127	64,000	16,800	232,927	Shawano	111,493	22,500	14,000	147,993
Eau Claire	136,154	62,500	45,000	243,654	Sheboygan	130,118	62,500	14,000	206,618
Florence	81,066	50,000	0	131,066	Taylor	93,762	82,500	28,000	204,262
Fond du Lac	141,761	67,500	15,000	224,261	Trempealeau	109,826	67,500	45,000	222,326
Forest	79,081	15,000	0	94,081	Vernon	124,221	52,500	45,000	221,721
Grant	97,040	67,500	0	164,540	Vilas	122,711	45,000	0	167,711
Green	131,284	67,500	45,000	243,784	Walworth	145,153	62,500	0	207,653
Green Lake	134,181	57,000	28,000	219,181	Washburn	103,364	47,000	8,400	158,764
Iowa	102,744	32,500	45,000	180,244	Washington	121,022	42,000	10,080	173,102
Iron	97,778	40,000	0	137,778	Waukesha	156,732	20,000	0	176,732
Jackson	125,159	82,500	28,000	235,659	Waupaca	120,789	67,500	45,000	233,289
Jefferson	171,802	35,000	14,000	220,802	Waushara	119,481	50,000	20,000	189,481
Juneau	112,398	47,500	0	159,898	Winnebago	141,198	32,000	50,000	223,198
Kenosha	120,434	57,000	14,000	191,434	Wood	126,840	67,500	24,500	218,840
Kewaunee	106,496	47,500	16,800	170,796	Reserve		200,000		200,000
LaCrosse	141,257	57,000	50,000	248,257	Sub-Totals	\$8,739,100	\$3,875,048	\$1,653,005	\$14,267,153
Lafayette	95,585	52,500	45,000	193,085					
Langlade	85,592	57,000	28,000	170,592					
Lincoln	100,237	60,000	7,000	167,237	OTHER PROJECT COOPERATOR (OPC) FUNDING				
Manitowoc	154,625	67,500	50,000	272,125	UW-CALS			360,000	360,000
Marathon	148,618	82,500	50,000	281,118	Nutrient Management Farmer Education (NMFE)			101,064	101,064
Marinette	145,096	57,000	45,000	247,096	WI Land + Water (WLWCA)			149,131	149,131
Marquette	97,123	57,000	38,422	192,545	Standard Oversight Council (SOC)			35,000	35,000
Menominee	75,000	20,000	0	95,000	Conservation Observance Day			3,000	3,000
Milwaukee	76,337	20,000	0	96,337	Sub-Totals			\$648,195	\$648,195
Monroe	106,728	52,500	16,800	176,028	TOTAL	\$8,739,100	\$3,875,048	\$2,301,200	\$14,915,348

Table A-1: 2016 Staff and Support Tier 1, Tier 2, Rounds One, Two and Three

County	Tier 2										2016 DATCP Staffing & Support Allocation
	Tier 1	First Position at 100% (Round 1)	Round 1 Award	Adjusted Award (Tier 1 + Round 1)	Second Position at 70% (Round 2)	Eligible Round 2 Award	Round 2 Award at 70.160193% (of 70%)	Adjusted Award (Tier 1 + Round 1 & 2)	Third Position at 50% (Round 3)	Round 3 Award No Funds Available	
Adams	75,000	80,702	5,702	80,702	54,620	54,620	38,321	119,023	29,744	0	119,023
Ashland	75,000	72,424	0	75,000	44,988	44,988	29,756	104,756	16,732	0	104,756
Barron	75,000	77,175	2,175	77,175	55,290	55,290	38,792	115,967	38,164	0	115,967
Bayfield	75,000	75,192	192	75,192	47,893	47,893	33,602	108,794	20,296	0	108,794
Brown	75,000	89,971	14,971	89,971	62,308	62,308	43,715	133,686	39,395	0	133,686
Buffalo	75,000	63,899	0	75,000	48,145	48,145	25,990	100,990	12,929	0	100,990
Burnett	75,000	72,125	0	75,000	46,487	46,487	30,598	105,598	24,421	0	105,598
Calumet	75,000	83,851	8,851	83,851	53,296	53,296	37,393	121,244	37,533	0	121,244
Chippewa	75,000	116,603	41,603	116,603	71,598	71,598	50,233	166,836	48,033	0	166,836
Clark	75,000	98,573	23,573	98,573	57,786	57,786	40,543	139,116	24,331	0	139,116
Columbia	75,000	102,410	27,410	102,410	50,257	50,257	35,260	137,670	35,878	0	137,670
Crawford	75,000	68,859	0	75,000	44,548	44,548	26,946	101,946	13,732	0	101,946
Dane	75,000	111,753	36,753	111,753	71,980	71,980	50,501	162,254	48,421	0	162,254
Dodge	75,000	97,907	22,907	97,907	56,606	56,606	39,715	137,622	40,338	0	137,622
Door	75,000	113,250	38,250	113,250	66,768	66,768	46,845	160,095	41,783	0	160,095
Douglas	75,000	83,562	8,562	83,562	56,633	56,633	39,734	123,296	1,545	0	123,296
Dunn	75,000	109,927	34,927	109,927	60,148	60,148	42,200	152,127	41,494	0	152,127
Eau Claire	75,000	104,698	29,698	104,698	44,834	44,834	31,456	136,154	34,248	0	136,154
Florence	75,000	76,535	1,535	76,535	6,458	6,458	4,531	81,066	0	0	81,066
Fond du Lac	75,000	96,287	21,287	96,287	64,815	64,815	45,474	141,761	44,093	0	141,761
Forest	75,000	42,556	0	75,000	38,260	38,260	4,081	79,081	2,766	0	79,081
Grant	75,000	61,963	0	75,000	44,451	44,451	22,040	97,040	29,037	0	97,040
Green	75,000	100,390	25,390	100,390	44,034	44,034	30,894	131,284	31,378	0	131,284
Green Lake	75,000	92,482	17,482	92,482	59,434	59,434	41,699	134,181	39,735	0	134,181
Iowa	75,000	73,645	0	75,000	40,899	40,899	27,744	102,744	23,196	0	102,744
Iron	75,000	63,221	0	75,000	44,244	44,244	22,778	97,778	5,822	0	97,778
Jackson	75,000	87,921	12,921	87,921	53,076	53,076	37,238	125,159	0	0	125,159
Jefferson	75,000	126,207	51,207	126,207	64,987	64,987	45,595	171,802	46,387	0	171,802
Juneau	75,000	76,860	1,860	76,860	50,653	50,653	35,538	112,398	12,500	0	112,398
Kenosha	75,000	100,967	25,967	100,967	27,746	27,746	19,467	120,434	13,073	0	120,434
Kewaunee	75,000	75,685	685	75,685	43,915	43,915	30,811	106,496	38,277	0	106,496
LaCrosse	75,000	94,732	19,732	94,732	66,312	66,312	46,525	141,257	46,795	0	141,257
Lafayette	75,000	65,525	0	75,000	38,815	38,815	20,585	95,585	22,356	0	95,585
Langlade	75,000	68,636	0	75,000	21,461	21,461	10,592	85,592	7,357	0	85,592
Lincoln	75,000	60,505	0	75,000	50,466	50,466	25,237	100,237	23,424	0	100,237
Manitowoc	75,000	108,519	33,519	108,519	65,710	65,710	46,102	154,625	42,988	0	154,625

Table A-1: 2016 Staff and Support Tier 1, Tier 2, Rounds One, Two and Three

County	Tier 1										Tier 2				2016 DATCP Staffing & Support Allocation
	Base Allocation	First Position at 100% (Round 1)	Round 1 Award	Adjusted Award (Tier 1 + Round 1)	Second Position at 70% (Round 2)	Eligible Round 2 Award	Round 2 Award at 70.160193% (of 70%)	Adjusted Award (Tier 1 + Round 1 & 2)	Third Position at 50% (Round 3)	Round 3 Award No Funds Available					
Marathon	75,000	102,839	27,839	102,839	65,249	65,249	45,779	148,618	45,278	0	148,618				
Marquette	75,000	100,788	25,788	100,788	63,152	63,152	44,308	145,096	45,079	0	145,096				
Marquette	75,000	73,775	0	75,000	32,757	31,532	22,123	97,123	6,335	0	97,123				
Menominee	75,000	0	0	75,000	49,736	0	0	75,000	6,927	0	75,000				
Milwaukee	75,000	0	0	75,000	76,906	1,906	1,337	76,337	30,460	0	76,337				
Monroe	75,000	77,159	2,159	77,159	42,145	42,145	29,569	106,728	11,486	0	106,728				
Oconto	75,000	93,674	18,674	93,674	49,811	49,811	34,947	128,621	31,358	0	128,621				
Oneida	75,000	62,592	0	75,000	37,479	25,071	17,590	92,590	12,299	0	92,590				
Outagamie	75,000	110,154	35,154	110,154	67,892	67,892	47,633	157,787	42,499	0	157,787				
Ozaukee	75,000	89,755	14,755	89,755	68,568	68,568	48,107	137,862	37,929	0	137,862				
Pepin	75,000	86,016	11,016	86,016	41,076	41,076	28,819	114,835	23,695	0	114,835				
Pierce	75,000	91,205	16,205	91,205	55,958	55,958	39,260	130,465	34,380	0	130,465				
Polk	75,000	102,264	27,264	102,264	62,101	62,101	43,570	145,834	43,458	0	145,834				
Portage	75,000	96,761	21,761	96,761	55,505	55,505	38,942	135,703	38,368	0	135,703				
Price	75,000	52,492	0	75,000	30,977	8,469	5,942	80,942	8,145	0	80,942				
Racine	75,000	92,701	17,701	92,701	56,634	56,634	39,735	132,436	20,022	0	132,436				
Richland	75,000	65,905	0	75,000	41,652	32,557	22,842	97,842	29,757	0	97,842				
Rock	75,000	113,482	38,482	113,482	64,583	64,583	45,312	158,794	43,680	0	158,794				
Rusk	75,000	65,393	0	75,000	39,309	29,702	20,839	95,839	10,534	0	95,839				
Saint Croix	75,000	96,637	21,637	96,637	66,842	66,842	46,896	143,533	43,414	0	143,533				
Sauk	75,000	87,171	12,171	87,171	55,536	55,536	38,964	126,135	33,754	0	126,135				
Sawyer	75,000	49,235	0	75,000	30,862	5,097	3,576	78,576	22,858	0	78,576				
Shawano	75,000	75,888	888	75,888	50,748	50,748	35,605	111,493	28,035	0	111,493				
Sheboygan	75,000	92,601	17,601	92,601	53,474	53,474	37,517	130,118	29,369	0	130,118				
Taylor	75,000	65,504	0	75,000	36,238	26,742	18,762	93,762	15,381	0	93,762				
Trempealeau	75,000	60,266	0	75,000	64,372	49,638	34,826	109,826	30,270	0	109,826				
Vernon	75,000	86,330	11,330	86,330	54,006	54,006	37,891	124,221	33,755	0	124,221				
Vilas	75,000	86,335	11,335	86,335	51,847	51,847	36,376	122,711	28,383	0	122,711				
Walworth	75,000	99,527	24,527	99,527	65,031	65,031	45,626	145,153	41,241	0	145,153				
Washburn	75,000	73,299	0	75,000	42,133	40,432	28,364	103,364	6,260	0	103,364				
Washington	75,000	86,557	11,557	86,557	49,123	49,123	34,465	121,022	32,468	0	121,022				
Waukesha	75,000	109,119	34,119	109,119	67,863	67,863	47,613	156,732	38,861	0	156,732				
Waupaca	75,000	82,085	7,085	82,085	55,165	55,165	38,704	120,789	34,579	0	120,789				
Waushara	75,000	82,387	7,387	82,387	52,870	52,870	37,094	119,481	36,575	0	119,481				
Winnebago	75,000	102,961	27,961	102,961	54,499	54,499	38,237	141,198	38,908	0	141,198				
Wood	75,000	91,228	16,228	91,228	50,758	50,758	35,612	126,840	31,795	0	126,840				
Totals	5,400,000	5,999,602	967,783	6,367,783	3,722,778	3,379,861	2,371,313	8,739,100	2,025,796	0	8,739,100				

Table B: 2016 Allocations of DNR Funding

County	Targeted Runoff Mgmt. BMP Construction	Local Assistance Funding for Large-scale TRM	Urban NPS & Storm Water Mgmt. BMP Construction	Urban NPS & Storm Water Mgmt. Planning	Total DNR 2016 Allocations
Adams	\$0	\$0	\$0	\$0	\$0
Ashland	\$0	\$0	\$0	\$0	\$0
Barron	\$0	\$0	\$0	\$0	\$0
Bayfield	\$0	\$0	\$0	\$0	\$0
Brown	\$0	\$0	\$0	\$0	\$0
Buffalo	\$0	\$0	\$0	\$0	\$0
Burnett	\$0	\$0	\$0	\$0	\$0
Calumet	\$0	\$0	\$0	\$10,969	\$10,969
Chippewa	\$0	\$0	\$0	\$0	\$0
Clark	\$0	\$0	\$0	\$0	\$0
Columbia	\$0	\$0	\$0	\$0	\$0
Crawford	\$0	\$0	\$0	\$0	\$0
Dane	\$0	\$0	\$0	\$0	\$0
Dodge	\$0	\$0	\$0	\$0	\$0
Door	\$0	\$0	\$0	\$0	\$0
Douglas	\$0	\$0	\$0	\$0	\$0
Dunn	\$0	\$0	\$0	\$0	\$0
Eau Claire	\$0	\$0	\$0	\$0	\$0
Florence	\$0	\$0	\$0	\$0	\$0
Fond du Lac	\$0	\$0	\$0	\$0	\$0
Forest	\$0	\$0	\$0	\$0	\$0
Grant	\$0	\$0	\$0	\$0	\$0
Green	\$0	\$0	\$0	\$0	\$0
Green Lake	\$0	\$0	\$0	\$0	\$0
Iowa	\$0	\$0	\$0	\$0	\$0
Iron	\$0	\$0	\$0	\$0	\$0
Jackson	\$0	\$0	\$0	\$0	\$0
Jefferson	\$0	\$0	\$0	\$0	\$0
Juneau	\$0	\$0	\$0	\$0	\$0
Kenosha	\$0	\$0	\$0	\$0	\$0
Kewaunee	\$337,326	\$0	\$0	\$0	\$337,326
LaCrosse	\$150,000	\$0	\$0	\$0	\$150,000
Lafayette	\$0	\$0	\$0	\$0	\$0
Langlade	\$0	\$0	\$0	\$0	\$0
Lincoln	\$0	\$0	\$0	\$0	\$0
Manitowoc	\$0	\$0	\$0	\$0	\$0
Marathon	\$1,065,310	\$39,825	\$0	\$0	\$1,105,135
Marinette	\$300,000	\$0	\$0	\$0	\$300,000
Marquette	\$0	\$0	\$0	\$0	\$0
Menominee	\$0	\$0	\$0	\$0	\$0
Milwaukee	\$0	\$0	\$0	\$0	\$0
Monroe	\$0	\$0	\$0	\$0	\$0

Table B: 2016 Allocations of DNR Funding

County	Targeted Runoff Mgmt. BMP Construction	Local Assistance Funding for Large-scale TRM	Urban NPS & Storm Water Mgmt. BMP Construction	Urban NPS & Storm Water Mgmt. Planning	Total DNR 2016 Allocations
Oconto	\$56,445	\$0	\$0	\$0	\$56,445
Oneida	\$0	\$0	\$0	\$0	\$0
Outagamie	\$389,000	\$0	\$0	\$0	\$389,000
Ozaukee	\$0	\$0	\$0	\$0	\$0
Pepin	\$0	\$0	\$0	\$0	\$0
Pierce	\$0	\$0	\$0	\$0	\$0
Polk	\$0	\$0	\$0	\$0	\$0
Portage	\$0	\$0	\$0	\$0	\$0
Price	\$0	\$0	\$0	\$0	\$0
Racine	\$0	\$0	\$0	\$0	\$0
Richland	\$0	\$0	\$0	\$0	\$0
Rock	\$0	\$0	\$0	\$0	\$0
Rusk	\$0	\$0	\$0	\$0	\$0
Saint Croix	\$0	\$0	\$0	\$0	\$0
Sauk	\$0	\$0	\$0	\$0	\$0
Sawyer	\$0	\$0	\$0	\$0	\$0
Shawano	\$143,042	\$0	\$0	\$0	\$143,042
Sheboygan	\$0	\$0	\$0	\$0	\$0
Taylor	\$0	\$0	\$0	\$0	\$0
Trempealeau	\$150,000	\$0	\$0	\$0	\$150,000
Vernon	\$0	\$0	\$0	\$0	\$0
Vilas	\$0	\$0	\$0	\$0	\$0
Walworth	\$0	\$0	\$0	\$0	\$0
Washburn	\$0	\$0	\$0	\$0	\$0
Washington	\$98,000	\$0	\$0	\$13,700	\$111,700
Waukesha	\$0	\$0	\$0	\$0	\$0
Waupaca	\$259,415	\$0	\$0	\$0	\$259,415
Waushara	\$0	\$0	\$0	\$0	\$0
Winnebago	\$0	\$0	\$0	\$0	\$0
Wood	\$0	\$0	\$0	\$0	\$0
DNR NR243 Reserve					\$1,000,000
Total	\$2,948,538	\$39,825	\$0	\$24,669	\$4,013,032

Table C: Summary of 2016 Joint Allocations of DATCP and DNR Funding

County	Staffing & Support from DATCP and DNR	Cost-Sharing from DATCP and DNR	Total Allocation of DATCP and DNR Funding	County	Staffing & Support from DATCP and DNR	Cost-Sharing from DATCP and DNR	Total Allocation of DATCP and DNR Funding
Adams	119,023	85,000	204,023	Oconto	128,621	113,925	242,546
Ashland	104,756	64,000	168,756	Oneida	92,590	35,000	127,590
Barron	115,967	80,500	196,467	Outagamie	157,787	501,500	659,287
Bayfield	108,794	70,400	179,194	Ozaukee	137,862	104,000	241,862
Brown	133,686	40,048	173,734	Pepin	114,835	51,200	166,035
Buffalo	100,990	86,100	187,090	Pierce	130,465	102,500	232,965
Burnett	105,598	29,000	134,598	Polk	145,834	43,000	188,834
Calumet	132,213	82,000	214,213	Portage	135,703	67,500	203,203
Chippewa	166,836	80,923	247,759	Price	80,942	42,000	122,942
Clark	139,116	122,500	261,616	Racine	132,436	99,000	231,436
Columbia	137,670	132,500	270,170	Richland	97,842	75,500	173,342
Crawford	101,946	61,500	163,446	Rock	158,794	112,500	271,294
Dane	162,254	87,500	249,754	Rusk	95,839	85,000	180,839
Dodge	137,622	37,500	175,122	Saint Croix	143,533	52,500	196,033
Door	160,095	51,600	211,695	Sauk	126,135	109,500	235,635
Douglas	123,296	27,000	150,296	Sawyer	78,576	42,000	120,576
Dunn	152,127	80,800	232,927	Shawano	111,493	179,542	291,035
Eau Claire	136,154	107,500	243,654	Sheboygan	130,118	76,500	206,618
Florence	81,066	50,000	131,066	Taylor	93,762	110,500	204,262
Fond du Lac	141,761	82,500	224,261	Trempealeau	109,826	262,500	372,326
Forest	79,081	15,000	94,081	Vernon	124,221	97,500	221,721
Grant	97,040	67,500	164,540	Vilas	122,711	45,000	167,711
Green	131,284	112,500	243,784	Walworth	145,153	62,500	207,653
Green Lake	134,181	85,000	219,181	Washburn	103,364	55,400	158,764
Iowa	102,744	77,500	180,244	Washington	134,722	150,080	284,802
Iron	97,778	40,000	137,778	Waukesha	156,732	20,000	176,732
Jackson	125,159	110,500	235,659	Waupaca	120,789	371,915	492,704
Jefferson	171,802	49,000	220,802	Waushara	119,481	70,000	189,481
Juneau	112,398	47,500	159,898	Winnebago	141,198	82,000	223,198
Kenosha	120,434	71,000	191,434	Wood	126,840	92,000	218,840
Kewaunee	106,496	401,626	508,122	DATCP NR243 Reserve:		200,000	200,000
LaCrosse	141,257	257,000	398,257	DNR NR243 Reserve:		1,000,000	1,000,000
Lafayette	95,585	97,500	193,085				
Langlade	85,592	85,000	170,592	Sub-Totals	\$8,803,594	\$9,476,591	\$18,280,185
Lincoln	100,237	67,000	167,237				
Manitowoc	154,625	117,500	272,125	OTHER PROJECT FUNDING:			
Marathon	188,443	1,197,810	1,386,253	UW CALS		360,000	360,000
Marinette	145,096	402,000	547,096	NMFE		101,064	101,064
Marquette	97,123	95,422	192,545	WLWCA/SOC		184,131	184,131
Menominee	75,000	20,000	95,000	Cons. Obs. Day		3,000	3,000
Milwaukee	76,337	20,000	96,337	Sub-Totals		648,195	648,195
Monroe	106,728	69,300	176,028	TOTAL	\$8,803,594	\$10,124,786	\$18,928,380

DATCP'S FINAL ALLOCATION

1. Staff and Support

The allocation under this category provides staff and support funding for counties, and project grants to cooperators. Grant awards are provided consistent with the terms of the 2016 grant application materials located at: http://datcp.wi.gov/Environment/Land_and_Water/Conservation/SWRM_Grant_Program_Working_Manual/Allocation_and_Other_SWRM_Functions/

A. Funds Available

The amount listed in Chart 2 consists of DATCP's annual appropriation in the 2015-17 budget of \$3,027,200 in GPR funds and \$5,711,900 in SEG funds "for support of local land conservation personnel under the soil and water resource management program." DATCP has no underspending from prior years that might be added to the funds appropriated for this allocation.

B. Grant Awards

DATCP revised the funding formula for staffing grants as more fully identified in the 2016 grant application.

Tier 1

As provided by s. ATCP 50.32(5), DATCP has discretion to offer a minimum grant award, and has elected to provide \$75,000 per county under Tier 1, resulting in a total allocation of \$5,400,000 (providing each of the 72 counties with a base award of \$75,000).

Tier 2

After awarding funds under Tier 1, DATCP then has \$3,339,100 available for the Tier 2 allocation, which for 2016 implements a modified version of a formula designed to meet the statutory goal of funding an average of 3 staff persons per county at the rates of 100, 70 and 50 percent. As modified, the formula limits DATCP funding for a county's first position. Counties may only claim department heads, technicians and engineers who work full-time (defined as over 95%) on eligible conservation activities as their first position.

DATCP makes Tier 2 awards in three rounds in an attempt to support the three positions. For round one, DATCP can fully fund county requests for their first position at the 100% rate. However, for round two, DATCP can only fund about 70% of the county requests for their second position at the 70% rate. DATCP has no funding to make awards in round three for a county's third position funded at the 50% rate. Table A-1 (pages 3 and 4) provides round-by-round details of the Tier 2 allocation for each county. In awarding staffing and cost-share funding, DATCP makes minor adjustments in the awards for one or two counties to account for available funds.

Unmet Need for Staff and Support Funds

DATCP would need an increase of about \$3.0 million in its annual appropriations to reach the statutory goal of funding three positions at 100, 70 and 50 percent. Given that appropriations are outside of its immediate control, the agency has channeled its recent efforts in a different direction; namely, making more effective use of available dollars. DATCP's proposed efforts are discussed below in the "Future Directions" section.

Reallocation and Redirection

DATCP approves the reallocation of up to \$8,000 to the Menominee Indian Tribe of Wisconsin submitted with Menominee County's grant application, and will require the county to provide a report on funds expended for this purpose.

Future Directions – Staff & Support Funding

In an effort to strengthen county conservation programs, DATCP intends to increase accountability requirements. Beginning with the 2017 grant application, counties must identify their top five priority activities for the year in which the application is submitted, and describe their performance targets and benchmarks for each activity. DATCP will not process grant applications unless they include adequately benchmarked performance measures. Counties will be expected to report on their progress in meeting benchmarked activities when they submit their annual report

the following April. Applying the factors in ATCP 50.30, DATCP may use this performance data in making grant awards in future allocations.

In addition, s. ATCP 50.32(5) (as amended on May 1, 2014) eliminates the minimum annual staffing grant and provides flexibility for DATCP to award “different grant amounts to different counties” based on the factors in s. ATCP 50.30. DATCP may reevaluate the minimum grant it provides.

2. Bond Revenue Cost-Sharing

The allocations under this category provide cost-sharing for NR 243 projects (awarded to counties from a reserve), and provide counties grants for landowner cost-sharing. Unless otherwise noted below, grants are awarded consistent with the terms of the 2016 grant application (see page 8 for the link to the website for the application).

A. Funds Available

The allocation amount listed in Chart 2 consists of \$3.5 million; half of DATCP’s authorization in the 2015-17 budget of \$7.0 million in bond funds, with the following adjustment:

- Increase the amount by \$375,048 from unspent bond funds from previous allocations.

B. Grant Awards

Bond Reserve projects

DATCP will allocate \$200,000 to a reserve for the purpose of funding regulatory animal waste response (NR 243) projects in cooperation with DNR. DATCP and DNR use a separate application process to award funds from this reserve, which is more fully described at web site, <http://dnr.wi.gov/Aid/NOD.html>

Landowner Cost-Sharing

After setting aside a \$200,000 reserve, DATCP has \$3,675,048 in bond funds available for allocation to counties for landowner cost-sharing. DATCP makes awards to counties by

first providing base funding, and then applying criteria related to county performance and need. This approach is designed to better meet the statewide priorities set in s. ATCP 50.30(2) including the need to address farms with water quality issues and support participation of farms in the farmland preservation program (FPP).

After providing base funding (~20% of available funds) of \$10,000 to each county, DATCP’s funding approach awards the remaining \$2,955,048 based on: a 3-year average of past performance in spending bond cost-share dollars (~50%), farmland acres determined through the 2012 USDA Ag Census data (~20%), and a 3-year cumulative on past performance in total dollars spent on bond practices (~10%). The funding formula has two performance-related criteria that reward counties that (a) have had 20% or less under-spending, and (b) spent \$75,000 or more on bond practices during a three-year time period. A needs-based criterion provides funding for counties with 50,000 or more farmland acres set by the 2012 Census. Table 1 (page 13) shows each county’s total award amount and the factors that contributed to the county’s final award.

Unmet Need for Bond Cost-Share Funds

DATCP was unable to satisfy \$3,470,952 in county requests for funds. Combined with reductions in DNR TRM grants, this funding deficit has practical implications for our capacity to implement state and local priorities including farm runoff standards, and may impact conservation compliance efforts for farmers participating in FPP.

3. SEG Fund Allocation

The allocations under this category provide funding for (1) landowner cost-sharing, (2) farmer and related training involving nutrient management, and (3) nutrient management implementation support and other projects of statewide importance. Grant awards are provided consistent with the terms of the 2016 grant application (see page 8 for the link to the website for the application).

A. Funds Available

The allocation amount listed in Chart 2 (page 1) consists of DATCP's annual appropriation in the 2015-17 budget of \$2,500,000 in SEG funds "for cost-sharing grants and contracts under the soil and water resource management program under s. 92.14" with the following adjustments:

- A decrease of \$250,000 as a result of a redirection of funds for producer-led watershed councils.
- An increase based on an encumbrance of \$270,000.

In addition, DATCP is holding back and not allocating \$218,800 until it determines whether these funds are needed to meet any lapse responsibilities. DATCP's final SEG cost-share or cooperator allocations may be adjusted based on DATCP's determination.

Of the \$2,301,200 in funds available for allocation, \$1,653,005 will be provided to counties for landowner cost-sharing, \$101,064 will be awarded for nutrient management farmer training, and \$547,131 will be awarded to project cooperators including a \$3,000 award for Conservation Observance Day. The majority of grant funding awarded in this category directly benefits farmers and other landowners by providing either cost-sharing, training or nutrient management support.

Landowner Cost-Sharing

DATCP awards grants to counties for cost-sharing to farmers primarily for nutrient management (NM) plans at the maximum rate of \$7 per acre for four years. Recently DATCP has allowed greater use of cost-share funds for cover crops and other cropping practices to implement a NM plan. The 56 counties that applied for \$2,643,900 in grants will be awarded \$1,653,005 for cost-sharing NM plans on an anticipated 59,036 requested acres at \$28 per acre or less.

For 2016, DATCP continued to apply the streamlined criteria for making grant awards, ranking applicants based on the number of NM checklists submitted to DATCP in 2014 for farmers located in the county, the number of

farmers in each county claiming FPP credits for tax year 2013, and the county's record in spending or committing at least 80% of its 2014 SEG funds. This grant process relies on data already collected by state agencies regarding county need and performance.

DATCP scored each application using the 100 point scale specified in the grant application. Applicants were ranked based on scores and organized into three groups for allocation purposes. Counties were granted either the highest maximum award for their grouping, or the amount that the county requested, whichever was less. The awards in each of the three groups are as follows:

Group 1

Score range: 86 - 100
Maximum Award: \$50,000
Minimum based on request: \$10,000
Number of counties: 14

Group 2

Score range: 70-85
Maximum Award: \$45,000
Minimum based on request: \$10,080
Number of counties: 22

Group 3

Score range: 15 - 69
Maximum Award: \$42,000
Minimum based on request: \$7,000
Number of counties: 20

Of the 56 grant recipients, 35 did not receive the maximum awards established for their respective groups because their requests were below the maximum award level. As the minimum awards indicate, a number of requests were \$35,000 to \$40,000 less than amounts counties were eligible to receive. In fact, 16 counties received \$15,000 or less based on their requests.

Table 2 (page 14) enumerates each county's score and grouping, and the competitive award for each county. The term "N/A" is used to identify the 16 counties that did not apply for funds. The shaded boxes in the "Award" column indicate counties that received less than their group's maximum award for the reasons listed in the table. Table A (page 2) also reflects amounts allocated to each county under the "SEG Cost-Sharing" column.

For 2016, DATCP will allow counties with documented NM plans covering 75% or more of their farmed acres to spend a maximum of 50% of their county's 2016 SEG allocation on practices other than NM including grassed waterways and other bondable practices, as long as the receiving landowner has a 590 NM plan, DATCP pre-approves the county's planned expenditures, and DATCP amends the county's grant contract to reflect those expenditures. The 2017 grant application will provide additional information about this exception to the cost-share requirements.

Nutrient Management Farmer Education (NMFE) Training Grants

For 2016, DATCP received 10 requests for funding under Tier 1 and one request for Tier 2 funding, totaling \$101,064 in requests. DATCP will fully fund all requests in the amounts listed in Table 3 below.

All award recipients are required to sign grant contracts that incorporate the requirements of s. ATCP 50.35. All grant recipients must agree to help farmers develop nutrient management plans that meet the Natural Resources Conservation Service (NRCS) 590 Standard.

Table 3: NMFE Grant Awards		
Organization	Tier	Grant Award
Barron Co	1	\$ 10,000
Dane Co	1	\$ 11,600
Eau Claire Co	1	\$ 6,600
Grant Co	1	\$ 8,000
Lafayette Co	1	\$ 2,750
NWTC	1	\$ 6,331
Sauk Co	1	\$ 9,800
SWTC	1	\$ 15,000
Trempealeau Co/ WTC	1	\$ 14,450
Vernon Co	1	\$ 14,533
Manitowoc Co	2	\$ 2,000
Total		\$ 101,064

Statewide Projects: Nutrient Management Implementation Support, Cooperators

In addition to funding NMFE training grants, DATCP dedicates a portion of its SEG

appropriation to fund projects that make important statewide contributions to conservation, meeting the following grant priorities in s. ATCP 50.30(3): fund cost-effective activities that address and resolve high priority problems; build a systematic and comprehensive approach to soil erosion and water quality problems; contribute to a coordinated soil and water resource management program and avoid duplication of effort. DATCP has targeted the following areas for funding: support for nutrient management implementation activities including SnapPlus (a software program designed for nutrient management planning in Wisconsin), building capacity to provide statewide training, and the development of technical standards. The 2015 allocation plan provides details on DATCP's commitment to reinvigorate training through an increased investment of staff and financial resources.

In regard to specific funding requests, the following provides DATCP funding decisions regarding each application submitted. In making its decisions, including the award amounts, DATCP considered the degree to which each project contributed to the department's overall training goals. Each of the project awards for 2016 is documented in the lower right-hand corner of Table A (page 2). All award recipients are required to sign grant contracts that incorporate the requirements of s. ATCP 50.35 and include significant accountability measures.

In the subcategory of Nutrient Management Implementation Support, DATCP received one application from the UW Madison College of Agricultural and Life Sciences (UW-CALS) for \$390,000 to provide support in two areas. DATCP will fund \$30,000 less than the full amount of the UW-CALS request (in part using \$270,000 of encumbered funds from 2015) as follows: (1) \$220,000 for maintaining and improving SnapPlus and related soil and nutrient management projects, and (2) \$140,000 for outreach, education and training provided by the Nutrient and Pest Management Program in UW-CALS. DATCP is funding nearly the entire request based on the following considerations: the increased

importance of SnapPlus in light of the Phosphorus Index Standards in NR 151 and the pasture standard in ATPC 50, the growing interest and need for basic nutrient management education, and the fact that these funded activities will generate measurable results.

In the project cooperator subcategory, DATCP will provide the Wisconsin Land and Water Conservation Association (WI Land+Water) \$149,131, essentially the same funding awarded in 2014. The funds are intended to support activities that build statewide capacity to deliver and coordinate conservation training among the counties and other partners.

DATCP will support the Standards Oversight Council (SOC) at \$15,000 less than the requested amount, providing \$35,000, which recognizes the higher costs for maintaining SOC's programming capacity, while taking into account contributions by other agencies to project.

DATCP will provide up to \$3,000 for Conservation Observance Day to cover the event costs incurred by the host county.

Unmet Need for Cost-Share Funding

Even with a reduced SEG cost-share allocation in 2016, DATCP will provide 63% of the funding requested by counties, and would need an additional \$990,895 to fully fund the requested amount. Since 2008, when DATCP started actively cost-sharing NM plans, DATCP has only funded a higher percentage of requests in two other years. In 2015, DATCP funded 69% of county requests, and in 2008, it provided \$2.9 million, which represents 77% of the funds requested.

Future Directions – County Cost-Sharing & Other Funding

With respect to all cost-share allocations, DATCP is interested in identifying award criteria and strategies that advance implementation of state priorities related to agriculture. DATCP will consider opportunities to coordinate its cost-sharing with other

programs to better support state priorities. For example, DATCP may set aside funds for cost-sharing farms located in agricultural enterprise areas. The focus on state priorities may include working with DNR to implement the Wisconsin Nutrient Reduction Strategy. In an attempt to avoid the concentration of cost-share funding in limited areas, DATCP may consider better defining how cost-share funds can and cannot be used in connection with phosphorus management tools such as the P variance (2013 Wisconsin Act 378).

DATCP will continue reviewing its options to promote implementation of nutrient management planning, including the increased need for NM plans generated by new performance standards for pastures and FPP conservation compliance requirements. DATCP will evaluate the effectiveness of its policies related to cost-sharing cover crop and other cropping practices that support nutrient management plans.

DATCP may consider changes in its Nutrient Management Farmer Education grants, including an increased annual allocation for training grants, linkages to new providers, and higher grant awards in one or both categories. Increased spending on training may be the most cost-effective approach to helping farmers achieve compliance with nutrient management plans. With dedicated funding for producer-led watershed organizations, there may be new opportunities to offer farmer training through these groups.

For 2016 and the foreseeable future, DATCP is focused on increasing funding to support training activities statewide that will primarily benefit conservation professionals in the public sector.

Table 1: 2016 County Bond Cost-Share Awards

County	Bond				County	Bond			
	12-14 Cumulative Average Under-Spending**	2012 Census Acres***	12-14 Cumulative Total Dollars Spent****	Award		12-14 Cumulative Average Under-Spending**	2012 Census Acres***	12-14 Cumulative Total Dollars Spent****	Award
Adams*	1%	118,393	\$136,742	\$57,000	Marathon	4%	479,045	\$247,455	\$82,500
Ashland	0%	45,815	\$158,841	\$50,000	Marinette	0%	132,074	\$182,064	\$57,000
Barron	9%	309,750	\$94,785	\$52,500	Marquette	1%	120,185	\$125,742	\$57,000
Bayfield	0%	71,824	\$200,315	\$62,000	Menominee*	9%	561	\$34,228	\$20,000
Brown*	14%	181,197	\$81,190	\$40,048	Milwaukee*	0%	4,563	\$0	\$20,000
Buffalo	8%	305,302	\$187,904	\$52,500	Monroe*	6%	337,895	\$128,500	\$52,500
Burnett*	36%	83,608	\$4,937	\$17,000	Oconto	6%	189,389	\$72,917	\$42,500
Calumet	17%	142,374	\$118,561	\$32,000	Oneida	6%	34,926	\$182,830	\$35,000
Chippewa	17%	384,621	\$94,144	\$42,500	Outagamie	0%	250,748	\$161,188	\$62,500
Clark	0%	458,221	\$226,520	\$72,500	Ozaukee	1%	64,987	\$213,089	\$62,000
Columbia	1%	307,973	\$231,242	\$87,500	Pepin	2%	103,604	\$97,104	\$40,000
Crawford	7%	216,584	\$96,393	\$47,500	Pierce	0%	245,974	\$238,865	\$82,500
Dane	14%	504,420	\$142,324	\$42,500	Polk	4%	255,917	\$60,875	\$43,000
Dodge	22%	402,041	\$53,817	\$27,500	Portage	4%	278,673	\$189,483	\$67,500
Door*	12%	131,955	\$86,069	\$32,000	Price	6%	92,295	\$167,381	\$42,000
Douglas	14%	70,578	\$53,919	\$27,000	Racine	0%	109,964	\$182,831	\$57,000
Dunn	5%	372,259	\$108,897	\$64,000	Richland	9%	227,833	\$134,473	\$47,500
Eau Claire	0%	203,705	\$173,735	\$62,500	Rock	4%	353,793	\$167,154	\$67,500
Florence	0%	13,392	\$156,459	\$50,000	Rusk*	1%	133,601	\$131,179	\$57,000
Fond du Lac	5%	315,553	\$85,294	\$67,500	Saint Croix	22%	267,685	\$111,137	\$27,500
Forest	10%	30,258	\$13,550	\$15,000	Sauk	0%	332,649	\$176,974	\$67,500
Grant	3%	587,587	\$155,581	\$67,500	Sawyer	0%	43,554	\$40,568	\$35,000
Green	4%	302,295	\$190,325	\$67,500	Shawano	32%	261,141	\$24,843	\$22,500
Green Lake	0%	154,595	\$168,266	\$57,000	Sheboygan	2%	190,155	\$163,485	\$62,500
Iowa	25%	350,813	\$99,504	\$32,500	Taylor	1%	217,012	\$253,051	\$82,500
Iron	0%	10,207	\$94,718	\$40,000	Trempealeau	0%	323,157	\$189,362	\$67,500
Jackson	0%	239,936	\$392,707	\$82,500	Vernon	8%	345,892	\$196,714	\$52,500
Jefferson	5%	227,901	\$57,497	\$35,000	Vilas	5%	6,881	\$73,728	\$45,000
Juneau	8%	180,039	\$104,891	\$47,500	Walworth	0%	187,711	\$183,666	\$62,500
Kenosha*	0%	76,632	\$119,337	\$57,000	Washburn	5%	87,387	\$51,797	\$47,000
Kewaunee	7%	176,735	\$101,753	\$47,500	Washington	6%	133,432	\$129,574	\$42,000
LaCrosse	4%	158,718	\$150,737	\$57,000	Waukesha	7%	92,211	\$59,184	\$20,000
Lafayette	10%	368,501	\$170,184	\$52,500	Waupaca	1%	215,330	\$223,096	\$67,500
Langlade*	4%	113,881	\$119,072	\$57,000	Waushara	2%	145,210	\$137,365	\$50,000
Lincoln	5%	76,844	\$231,226	\$60,000	Winnebago*	15%	155,520	\$185,931	\$32,000
Manitowoc	0%	230,735	\$205,095	\$67,500	Wood	2%	222,730	\$224,031	\$67,500
					TOTALS				\$3,675,048

Each County was given a base of \$10,000, plus the other 3 criteria as listed below to finalize their BOND award.

**Graduated awards based on 3-yr avg underspending: 0-5% = \$35,000, 6-10% = \$20,000 , 11-20% = \$10,000, and >20% = \$0

***Graduated awards based on 2012 Census acres: 275,000 or more=\$17,500, 175,000-274,999=\$12,500, 50,000-174,999=\$7,000, and <50,000=\$0

****Graduated awards based on 3-yr cumulative spending: >\$230,000 = \$25,000, \$200,000-\$229,999 = \$10,000, \$75,000-\$199,999 = \$5,000, and <\$75,000 = \$0

* County transferred 2014 BOND funds

Shaded award amounts=Lesser award based on amount requested, but they were eligible for more funding if they had requested more.

Table 2: 2016 County SEG Cost-Share Awards

County	Ranking and Award			County	Ranking and Award			
	Score	Grouping	Award		Score	Grouping	Award	
Adams	75	2	\$ 28,000	Marathon	100	1	\$ 50,000	
Ashland	85	2	\$ 14,000	Marinette	85	2	\$ 45,000	
Barron	80	2	\$ 28,000	Marquette	55	3	\$ 38,422	
Bayfield	65	3	\$ 8,400	Menominee	NA	NA	\$ -	
Brown	NA	NA	\$ -	Milwaukee	NA	NA	\$ -	
Buffalo	55	3	\$ 33,600	Monroe	65	3	\$ 16,800	
Burnett	65	3	\$ 12,000	Oconto	85	2	\$ 14,980	
Calumet	100	1	\$ 50,000	Onieda	NA	NA	\$ -	
Chippewa	55	3	\$ 38,423	Outagamie	100	1	\$ 50,000	
Clark	100	1	\$ 50,000	Ozaukee	65	3	\$ 42,000	
Columbia	80	2	\$ 45,000	Pepin	65	3	\$ 11,200	
Crawford	80	2	\$ 14,000	Pierce	65	3	\$ 20,000	
Dane	80	2	\$ 45,000	Polk	NA	NA	\$ -	
Dodge	100	1	\$ 10,000	Portage	NA	NA	\$ -	
Door	85	2	\$ 19,600	Price	NA	NA	\$ -	
Douglas	NA	NA	\$ -	Racine	65	3	\$ 42,000	
Dunn	65	3	\$ 16,800	Richland	80	2	\$ 28,000	
Eau Claire	80	2	\$ 45,000	Rock	70	2	\$ 45,000	
Florence	NA	NA	\$ -	Rusk	55	3	\$ 28,000	
Fond du Lac	100	1	\$ 15,000	Saint Croix	80	2	\$ 25,000	
Forest	NA	NA	\$ -	Sauk	65	3	\$ 42,000	
Grant	NA	NA	\$ -	Sawyer	65	3	\$ 7,000	
Green	80	2	\$ 45,000	Shawano	90	1	\$ 14,000	
Green Lake	100	1	\$ 28,000	Sheboygan	80	2	\$ 14,000	
Iowa	80	2	\$ 45,000	Taylor	65	3	\$ 28,000	
Iron	NA	NA	\$ -	Trempealeau	80	2	\$ 45,000	
Jackson	65	3	\$ 28,000	Vernon	80	2	\$ 45,000	
Jefferson	100	1	\$ 14,000	Vilas	NA	NA	\$ -	
Juneau	NA	NA	\$ -	Walworth	NA	NA	\$ -	
Kenosha	55	3	\$ 14,000	Washburn	65	3	\$ 8,400	
Kewaunee	100	1	\$ 16,800	Washington	85	2	\$ 10,080	
La Crosse	100	1	\$ 50,000	Waukesha	NA	NA	\$ -	
Lafayette	80	2	\$ 45,000	Waupaca	85	2	\$ 45,000	
Langlade	100	1	\$ 28,000	Waushara	85	2	\$ 20,000	
Lincoln	55	3	\$ 7,000	Winnebago	100	1	\$ 50,000	
Manitowoc	100	1	\$ 50,000	Wood	65	3	\$ 24,500	
				TOTALS				\$ 1,653,005

N/A= Did Not Apply for SEG funds

Shaded award amounts=Lesser award based on amount requested by county.

DNR'S FINAL ALLOCATION

DNR's portion of the final allocation may provide funding to counties through three programs:

- 1) Targeted Runoff Management (TRM),
- 2) Notice of Discharge (NOD), and
- 3) Urban Nonpoint Source & Storm Water Management.

Table B shows the final DNR allocations to each county grantee for TRM and UNPS. A reserve amount has been established for NOD, as specific county allocations are unknown at this time.

FUNDING SOURCES

Allocations for TRM projects and NOD projects are from bond revenue appropriated in s. 20.866(2)(tf), Wis. Stats., Federal Clean Water Act Section 319, and segregated funds appropriated in s. 20.370(6)(aq).

Allocations for UNPS Planning projects are from segregated funds appropriated in s. 20.370(6)(dq), Wis. Stats. Allocations for UNPS Construction projects are from bond revenue appropriated in s. 20.866(2)(th), Wis. Stats.

Note: DNR will also provide TRM grants and UNPS grants to non-county grantees. Wisconsin Statutes do not require that non-county grantees be listed in this allocation plan.

- For all grant programs, funds will be considered "committed" when a grantee has returned a signed copy of the grant agreement to DNR.
- For the TRM program, grant agreements not signed by the deadline may be rescinded by DNR, and the associated grant funds may be used to fund other eligible projects in rank order based on project scores. If, for any reason, funds committed through this allocation plan become available after March 31, 2016, these funds may be held over to fund projects selected in the next grant cycle.

1. TRM Final Allocation

DNR allocates up to \$2,988,363 to counties for cost sharing of TRM projects during calendar year 2016. As shown in Chart 1, this allocation amount results in \$1,229,364 in unmet needs under TRM, leaving nine eligible TRM projects unfunded.

The maximum cost-share amount that can be awarded for a single Small-Scale TRM project is \$150,000. The maximum cost-share amount that can be awarded for a single Large-Scale TRM project is \$1,000,000.

TRM allocations made through this plan will be reimbursed to grantees during calendar years 2016 through 2018. Project applications are screened, scored, and ranked in accordance with s. 281.65(4c), Wis. Stats. Adjustments to grant amounts may occur to account for eligibility of project components, cost-share rates, or NR 151 enforcement action at the time that DNR negotiates the actual grant agreement with an applicant.

2. UNPS Final Allocation

Table B contains a DNR allocation of \$24,669 for UNPS Planning projects received from county applicants. This amount will cover the requested state share of the two county planning project applications received.

UNPS planning grants are limited to a maximum of \$85,000 per project. The UNPS Planning allocations made through this plan will be reimbursed to grantees during calendar years 2016 and 2017. Adjustments to these amounts may occur to account for eligibility of project components or cost-share rates at the time that DNR negotiates the actual grant award with applicants.

DNR allocates \$0 for UNPS construction projects during calendar year 2016. The two county requests for UNPS construction grants did not rank within the available funding level.

3. Notice of Discharge Program

A. Background

DNR issues notices of discharge (NOD) and notices of intent (NOI) under NR 243, Wis. Adm. Code; this rule regulates animal feeding operations. DNR has authority under s. 281.65(4e), Wis. Stats., to provide grant assistance for NOD and NOI projects outside the competitive TRM process. DNR is authorized to make grants to governmental units, which in turn enter into cost-share agreements with landowners that have received an NOD or NOI from DNR.

Cost-share assistance is provided to landowners to meet the regulatory requirements of an NOD issued under NR 243, Wis. Adm. Code. In some cases, cost-share assistance must be offered before enforcement action can be taken. In other cases, DNR is not required to provide cost sharing but may do so at its discretion. DNR has several permitting and enforcement options available under NR 243 should landowners fail to meet the conditions of the NOD.

B. NOD Final Allocation

In this final allocation plan, DNR establishes a reserve of \$1,000,000 for NOD projects during calendar year 2016. The reserve includes funds for structural practices in eligible locations. DNR may use its discretion to increase this reserve if needed. In order to receive a grant award, a governmental unit must submit an application to DNR that describes a specific project and includes documentation that an NOD or NOI has either already been issued or will be issued by DNR concurrent with the grant award. Once DNR issues a grant to the governmental unit to address an NOD or NOI, DNR will designate a portion of the reserve specifically for that project.

Since DATCP also administers funds to correct NODs, DNR and DATCP will consult on each NOD application in order to assure that the two agencies are making the most efficient use of

the available funds to address these problem sites.

DNR will require that county grantees commit funds to a cost-share agreement with the landowner within a time-frame that is consistent with the compliance schedule in the NOD. The county grantee shall use the grant award to reimburse the landowner for costs incurred during the grant period, which may extend beyond CY 2016. If the landowner fails to install practices listed in the cost-share agreement within the timeframe provided, DNR will terminate its grant with the county, leaving the landowner to correct the problems identified in the NOD without the benefit of state cost sharing.

Fund balances from terminated NOD grants and projects completed under budget may be returned to the reserve account and made available to other NOD applicants. Reserve funds remaining at the end of calendar year 2016 may either be carried over for the calendar year 2017 NOD reserve account or may be allocated for calendar year 2016 or 2017 TRM projects. DNR and DATCP issue a joint report annually to the LWCB on progress in administering NOD funds.

**SUMMARY OF CHANGES TO THE 2016
JOINT PRELIMINARY ALLOCATION PLAN**

The DATCP's portion of the final plan made no substantive changes from the preliminary allocation plan.

The DNR's portion of the final plan includes the following changes from the preliminary plan:

- Updated Charts 1 and 2 to reflect currently available funding to County projects.
- Updated Tables B and C in the final plan to reflect DNR's funding decisions for county TRM and UNPS grant applications.

FINAL ACTION

DATCP has determined that the action described in this final allocation plan for the 2016 soil and water resource management grant program shown in Table A conforms to the applicable DATCP provisions of s. 92.14, Wis. Stats, and ATCP 50, Wis. Administrative Code. DATCP reserves the right to reallocate grant funds unexpended by recipients.

Dated this ____ day of _____, 2015

STATE OF WISCONSIN
DEPARTMENT OF AGRICULTURE, TRADE
AND CONSUMER PROTECTION

Ben Brancel, Secretary

DNR has determined that the actions described in this final allocation plan for the 2016 allocations of DNR funds shown in Table B conforms with the provisions of ss. 281.65 and 281.66, Wis. Stats.

Dated this ____ day of _____, 2015

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES

Cathy Stepp, Secretary

Environmental Assessment
DATCP's Portion of the 2016 Joint Final Allocation Plan
September 2015

I. The Nature and Purpose of the Proposed Action

Each year, the Department of Agriculture, Trade and Consumer Protection (DATCP), together with the Department of Natural Resources (DNR), allocates grant funds to counties and others for the purpose of supporting county conservation staff, landowner cost-sharing and other soil and water resource management (SWRM) activities. DATCP funds are allocated in accordance with ch. 92, Stats., and ch. ATCP 50, Wis. Adm. Code. Counties are required to have DATCP-approved land and water resource management (LWRM) plans as an eligibility condition for grants. The details of DATCP's proposed action are set forth in Charts and Tables in the 2016 Joint Final Allocation Plan that accompanies this Environmental Assessment.

II. The Environment Affected by the Proposed Action

As further explained in Section III.A., the DATCP grant program operates in every county, potentially covering all of Wisconsin's 34.8 million acres. While the program can fund activities that protect surface and ground waters throughout the state, grant funds are primarily used to protect rural areas and install conservation practices on farms, which now account for less than 50% of Wisconsin's land base (14.5 million acres). Ultimately each county's LWRM plan determines the nature and scope of conservation activities in the area and the natural resources affected by DATCP funds.

III. Foreseeable Environmental Effects of the Proposed Action

A. Immediate Effects

The environmental effects of the proposed allocation plan are positive. Through support for conservation staff and landowner cost-sharing, the proposed allocation plan will result in actions on farms and other areas that reduce soil erosion, prevent farm runoff, improve management of manure and other nutrients, and minimize pollution of surface and ground water.

By providing annual funding for conservation staff and others, DATCP secures statewide capacity to deliver a wide range of water quality programs. DATCP staffing grants enable counties to hire and retain conservation staff who have the experience and technical skills required to implement county resource management plans (including the state agricultural performance standards), facilitate landowner participation in state and federal cost-share programs, and ensure cross-compliance of farmers in the revamped farmland preservation program (FPP). By funding special projects that support conservation implementation, DATCP is filling critical needs in areas such as nutrient management support, training, and coordination between the public and private sector. As discussed later, funding for county conservation staff has not kept up with the demand which is fueled by new programs such as producer-led watershed councils and phosphorus management, and the persistence of intractable ground and surface water issues throughout the state.

Each year, counties use cost-share funds to address state and local priorities identified in their local plans. Cost-share funds result in the installation of practices that control runoff pollution

and improve water quality. In 2014, counties and landowners spent about \$4.8 million in DATCP funds to install cost-shared practices with the highest spending on these practices: \$1.46 million for nutrient management plans covering 60,038 acres, \$0.48 million for 149 acres of waterway systems, \$0.47 million for 24,143 feet of streambank and shoreline protection, \$0.42 million for 30 barnyard runoff control systems, \$0.38 million for 15 manure storage systems, and \$0.21 for closure of 37 manure storage facilities. The 2014 cost-sharing represents a \$0.3 million increase in DATCP cost-share expenditures from 2013. In 2013, counties and landowners spent about \$4.5 million in DATCP funds to install cost-shared practices with the highest spending on these practices: \$1.2 million for nutrient management plans covering 55,304 acres, \$0.56 million for 32,009 feet of streambank and shoreline protection, \$0.51 million for 19 manure storage systems, \$0.33 million for 56 grade stabilization structures, \$0.29 million for 17 barnyard runoff control systems, \$0.26 million for 72 acres of waterway systems. The following developments are worth mentioning with respect to expenditures of cost-share funds: sustained increase in annual expenditures for nutrient management plans in part driven by the FPP conservation compliance requirements, the re-establishment of farm practices, particularly grassed waterways, in the list of top cost-shared practices.

B. Long-Term Effects

Over time, DATCP's annual financial support of county staff and other project cooperators has built and sustained a statewide conservation infrastructure that delivers the following reinforcing benefits:

- Outreach and education that results in positive behavioral changes.
- Development of conservation technologies such as SNAP Plus (a software program designed for nutrient management planning in Wisconsin), and the Manure Advisory System, and the training systems to effectively use these technologies.
- Technical assistance that ensures proper design and installation of conservation practices.
- Resource management planning that addresses local and state priorities.
- Permitting and other regulation of livestock farms that requires properly designed manure storage and nutrient management plans.
- FPP administration that protects valuable resources and promotes conservation compliance.

DATCP cost-share grants are critical in making reasonable progress in achieving water quality goals. Most farmers are not required to meet state runoff control standards without cost-sharing. Long-term state commitment to farmer cost-sharing determines the extent to which conservation practices are installed, and in the end the degree to which water quality is improved. When conservation practices are installed in a watershed or other area over time, the combined effect of these practices can result in marked water quality improvements.

Fully assessing the long-term benefits, however, is complicated for a number of reasons including the fact that DATCP's grant program operates within a collection of conservation and natural resource programs. See Section III.E. for more a detailed discussion.

C. Direct Effects

DATCP funding results in the installation of conservation practices and capital improvements that directly reduce water quality pollution and reduce soil erosion. It also secures access to

technical or other assistance that supports conservation efforts, including conservation and nutrient management planning.

D. Indirect Effects

Installed conservation practices not only improve resources in the immediate area, but benefit surrounding areas including resources located "downstream" from the installed practice. Implemented on fields upstream from a lake, for example, nutrient management practices reduce sediment and nutrients that would otherwise collect in surface waters, and can provide additional protection for groundwater. Installed practices may have secondary benefits at a site, such as shoreline buffers, which not only serve to control runoff, but may increase wildlife habitat.

DATCP policies and rules mitigate secondary impacts from the installation and maintenance of conservation practices. DATCP policies ensure that counties evaluate cultural resource impacts of a project before any land-disturbing activities are initiated. To minimize erosion from excavation and construction projects such as a manure storage facility or barnyard runoff control system, DATCP rules require landowners to implement measures to manage sediment runoff from construction sites involving DATCP cost-shared practices. Adverse environmental impacts may result from improper design and installation of practices. DATCP cost-share rules avoid this outcome by requiring design and construction according to established technical standards. Improper maintenance can undermine the benefits of a long-term conservation practice. By requiring a maintenance period for conservation projects installed with DATCP cost-share dollars, DATCP ensures that practices perform in the long-term as intended.

In rare cases, certain negative impacts are unavoidable. Unusual storm events can cause manure runoff from the best-designed barnyard. Unavoidable impacts may also arise if a cost-shared practice is not maintained or is improperly abandoned. Manure storage facilities that are not properly abandoned or emptied may present a water quality threat, unless they are closed in accordance with technical standards.

Overall, the positive benefits of reducing nonpoint runoff significantly outweigh the slight risks associated with the installation and maintenance of conservation practices.

E. Cumulative Effects

While it is difficult to accurately gauge the cumulative effects of this action, it is clear that SWRM grant funds play an integral part in supporting a comprehensive framework of federal, state, and local resource management programs. By supporting 112 of the 336 conservation employees in the state's 72 counties, DATCP grant funds secure the foundation necessary to deliver a myriad of programs including participation in the following:

- In 2014, federal programs from Natural Resources Conservation Service (NRCS) provided \$24.9 million for Environmental Quality Incentives (EQIP) payments to install conservation practices on 132,262 acres of working lands, and nearly \$3.3 million for conservation stewardship payments for 162,029 acres owned by farmers and forestland owners. As part of its Landscape Initiatives program, NRCS provided \$0.93 million for 20 EQIP contracts for Great Lakes projects, and \$6.16 million for 65 EQIP contracts to farmers to reduce phosphorus in the Lower Fox in the Green Bay area. The Driftless Area Landscape Conservation Initiative (DALCI) provided \$1.7 million to fund 150 applications to support erosion control and fish and wildlife habitat projects in Wisconsin.

- The conservation reserve enhancement program (CREP) and similar federal programs protect important natural resources while allowing landowners to make use of valuable working lands. As of the beginning of 2015, about 44,100 acres were enrolled under CREP easements and agreements: with approximately 6,500 acres under CREP easements and the remainder under CREP 15-year agreements. The conservation benefits of the practices installed (e.g. riparian buffers and filter strips) are as follows: 1,519 miles of streams buffered with an estimated phosphorus annual removal of 142,649 pounds, nitrogen annual removal of 75,701 pounds and sediment removal of 70,237 tons.
- The DNR continued annual funding in 2015 for Targeted Runoff Management Projects, providing about \$2.74 million to counties for cost-sharing about 11 county projects.

Assessing the full extent of the effects of grant funding is complicated by a number of factors including complex interactions and far-reaching impacts of grant funding. For example, conservation activities funded by DATCP can dampen the potential negative environmental impacts of actions driven by farm policies and economics. In particular, the risks of cropland soil erosion have increased as a result of conditions that favor increased cash grain/row cropping, and the increased market incentives to grow these crops.

IV. Persons, Groups, and Agencies Affected by the Activity

A. Those Directly Affected

County Conservation Programs and Cooperators: The proposed 2016 allocation plan provides funding to support 72 county conservation programs. The annual staffing grant allocation of \$8.7 million covers one third of the costs for county conservation staff, who number 340 according to 2014 data. DATCP grants are one of several sources for cost-share funds that include county levies, DNR grants and NRCS funding. In 2014, counties spent about \$4.8 million in DATCP cost-share funds on projects to implement LWRM plans. DATCP grants also fund private and public entities to provide statewide support for implementing conservation programs or provide special services to promote conservation statewide. DATCP funding for training and professional development is critical to maintaining county capacity to deliver high quality technical services, and reflects a state commitment to build the capacity of conservation staff statewide.

Landowners who are direct beneficiaries: Farmers and other landowners rely on many services, such as technical assistance, provided by conservation staff funded with DATCP grants. They also benefit from cost-share dollars to install conservation practices.

Other county residents: County residents benefit from resource management planning, permitting and other services provided by county conservation staff funded through DATCP grants. Through information and education efforts, for example, a county can help non-farm residents better manage lawn fertilizers, improve backyard wildlife habitat, control invasive species and minimize construction site erosion.

Farm-related businesses: Farm supply organizations, nutrient management planners and soil testing laboratories, agricultural engineers, and construction contractors provide goods and services purchased by landowners who receive cost-sharing.

B. Those Significantly Affected

Those landowners whose soil and water resources are improved or protected, as a consequence of the proposed allocations, receive significant benefits. Those neighboring landowners with properties located "downstream" of lands with nutrient and sediment delivery runoff problems also stand to benefit. Certain measures, such as nutrient management plans, can help protect drinking water wells that serve neighboring landowners and communities. The general public benefits from conservation practices that protect water resources, and promote natural resources.

V. Significant Economic and Social Effects of the Proposed Action

On balance, DATCP's proposed action will have positive economic and social effects.

DATCP grants support cost-sharing and technical assistance that are critical to maintaining farmer eligibility for state and federal program benefits. By enabling farmers to meet farm runoff standards, grant-funded activities help farmers avoid the costs related to government enforcement actions and other liability risks. For example, farmers who follow a nutrient management plan gain liability protection in the case of a manure spill or groundwater contamination. With changes to ATCP 50 effective in May 2014, farmers face increasing responsibilities to comply with conservation requirements, including new requirements related to feed storage runoff control, pasture management, phosphorus runoff from fields, and cropland setbacks from streams and lakes. DATCP grant funds enable farmers to meet these responsibilities and, in the case of FPP, keep up with expanding conservation compliance responsibilities that will come into play in 2016.

The economic impacts of conservation vary with each individual farmer and the type of practices involved. To receive cost-sharing, landowners often pay 30% of the costs (10% in the case of economic hardship) to install a practice. Landowners also must adjust their management routines to accommodate new conservation practices and meet government cost-share requirements. With these changes, farmers face new risks including potential for reduced productivity and reduced profits. Farmers implementing these practices, however, may also see long-term benefits including savings on cost of fertilizer, sustaining soil at productive levels, and reduced liability for environmental problems.

From the standpoint of local economies, grant funds will generate demand for the purchase of goods and services to design, install and maintain conservation practices. The farm-related businesses listed in IV.A. will directly profit from this increased demand. However, as discussed in VI below, the failure to maintain adequate funding for county staff will undermine the capacity to spend state cost-share dollars on projects that benefit local businesses.

Socially, DATCP allocations provide needed support for the farming community and others to take a more active role in the protection and preservation of natural and agricultural resources. Through the increased adoption of conservation measures, farmers can ensure continued acceptance by rural communities as responsible and conscientious neighbors. Improved water quality both enhances recreational opportunities and protects the scenic rural landscape, both of which are features essential to tourism.

VI. Controversial Issues Associated with the Proposed Action

For the 2016 grant cycle, DATCP and DNR followed the expected timetable for completing the allocation process, and were not delayed by the July passage of the 2015-2017 biennial budget.

In terms of the allocation methodology, the 2016 allocation plan adheres to the well-established approach for making grant awards used in recent allocation plans, and does not propose changes that directly affect any grant formula. However, DATCP is proposing a new accountability measure that may have an impact on future grant awards. In the last two allocation plans, DATCP focused on changes to the staffing funding formula designed to strengthen the conservation focus of county programs. Specifically, DATCP limited 100 percent funding for a county's first position to department heads or technicians who perform conservation work as their full-time responsibilities, and revised the definition of conservation activities that qualify a county staff person for funding as a first position. As more fully explained in the allocation plan, DATCP plans to focus on strengthening county conservation programs by increasing accountability. Beginning with the 2017 application, DATCP will require that each county document its top five priority activities for each grant year, including performance targets and benchmarks for each activity. Counties will be expected to report on their progress in meeting benchmarked activities when they submit their annual report the following April.

VII. Future Directions

In view of the limited dollars available for cost-sharing and the state priority to fund agricultural conservation practices, DATCP may, at some point in the future, further refocus its funding priorities to better address land in agriculture. These efforts might build on the cost-sharing limits for non-farm practices established in the 2014 revision of ATCP 50. DATCP may also consider limiting use of its cost-sharing in phosphorus management project areas where funds from point sources should be utilized.

There continues to be a need to further implement the goal of statewide implementation of nutrient management plans. The current level of nutrient management planning to protect water quality, with 28% of Wisconsin's nine million cropland acres being covered by nutrient management plans, must continue to increase. There will be a continued need to have county staff who can engage farmers and steer them toward opportunities to develop and implement nutrient management plans. Also, county staff must be available to monitor and certify conservation compliance of farmers who received tax credits under the FPP program. We may need to allow the use of SEG funds for related soil erosion control practices such as waterways and cover crops. DATCP will need to focus on the most efficient approach to spending state dollars to develop nutrient management plans, combining cost-sharing with farmer training and engaging producer-led watershed councils, and encouraging adequate state support for these soil and water conservation priorities.

VIII. Possible Alternatives to the Proposed Action

A. Take No Action

Taking no action on the proposed allocations is inconsistent with legal requirements. DATCP and DNR are statutorily mandated to provide grant assistance for their respective programs as long as the state provides appropriations.

B. Delay Action

There is no need to delay action. Furthermore, delaying the grant allocation runs the risk of hampering counties in meeting their legal responsibilities, including their contractual responsibilities to landowners, and undermines the significant environmental, economic, and social benefits of the program.

C. Decrease the Level of Activity

Further decreasing the allocations would provide fewer environmental benefits and would be inconsistent with legislative intent to implement the nonpoint program. Therefore, this is an undesirable choice.

D. Increase the Level of Activity

Available appropriations and authorizations determine the overall level of activity. However, subject to the factors discussed in E. below, DATCP may increase the allocation in a given project category to better target spending to achieve desired conservation benefits and further legislative objectives.

E. Change the Amounts Allocated to Some or All Recipients

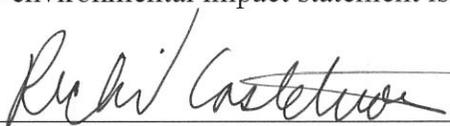
The allocation plan reflects a weighing and balancing of competing priorities and demands. It implements ATCP 50 and legislative directives regarding allocation of grant funds. It also reflects the input and consensus of the counties on funding issues. Changes in individual awards cannot be made without upsetting the weighing and balancing used to develop the overall allocation plan, and would unfairly deviate from grant criteria announced as part of the grant application.

IX. Mitigation of Adverse Environmental Effects

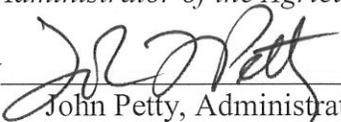
Overall, the allocations are anticipated to have positive environmental effects. Any adverse environmental effects will be of a secondary and minor nature, and can be mitigated. DATCP minimizes adverse impacts through outreach and training, and improvements in the technical standards.

X. Final Determination

This assessment finds that the *2016 Final Allocation Plan* will have no significant environmental impact and is not a major state action significantly affecting the quality of the human environment. No environmental impact statement is necessary under s. 1.11(2), Stats.

Date 9/23/15 By 
Richard Castelnovo, Section Chief
Land and Water Resources Bureau
Agricultural Resource Management Division

The decision indicating that this document is in compliance with s. 1.11, Stats., is not final until certified by the Administrator of the Agricultural Resource Management Division.

Date 9/23/15 By 
John Petty, Administrator
Agricultural Resource Management Division

CORRESPONDENCE/MEMORANDUM _____ **State of Wisconsin**

DATE: September 18, 2015

TO: Land and Water Conservation Board Members and Advisors

FROM: Keith Foye, DATCP 
Bureau of Land and Water Resources

SUBJECT: Report on comments concerning *2016 Preliminary Joint Allocation Plan*

Recommended Action: This is not an action item. However, if the LWCB wishes to do so, it may vote to “receive” this report summarizing comments on this allocation plan. A vote to “receive” this report does not bind the LWCB to any position.

Summary: On or about July 24, 2015, the Land and Water Resources Bureau completed its e-mailing of the 2016 Joint Preliminary Allocation Plan and Environmental Assessment (EA) to the LWCB members and advisors, county land conservation departments, and other interested parties.

Counties and other interested parties were provided the opportunity to submit written comments by September 5, 2014, and also were advised that they could request to appear before the LWCB at either its August 4, or October 6, 2014 meetings to present comments. At the LWCB’s August 4th meeting, there were no public appearances and no comments were received by the LWCB.

As of the September 5th deadline, DATCP received no written comments related to any part of proposed 2016 allocation.

Materials Provided: None

Presenter: Richard Castelnuovo, DATCP.

CORRESPONDENCE/MEMORANDUM

DATE: September 25, 2015

TO: Land and Water Conservation Board and Advisors

FROM: Mary Anne Lowndes *Mary Anne Lowndes*
Runoff Management Section, DNR

SUBJECT: **Department of Natural Resources (DNR) Scoring and Proposed Funding of Targeted Runoff Management (TRM) Grant Applications for Calendar Year (CY) 2016**

Recommended Action: Staff requests that the Land and Water Conservation Board make recommendations on the DNR's scoring and proposed funding of TRM grant applications.

Summary: Pursuant to s. 281.65(4c)(b), Wis. Stats., DNR is informing the Land and Water Conservation Board through this memo of the TRM grant application scores for projects to be considered for CY 2016 grant funding. The attached tables show the score and current rank order of the grant applications in each TRM project category and the proposed allocation of grant funds.

Based on currently available appropriations, DNR has \$2,988,363 to fund CY 2016 TRM grants. Chapter NR 153, Wis. Adm. Code, governs the TRM Grant Program and includes four separate TRM project categories. Total available funding is sub-allocated among the four separate TRM project categories. The maximum possible awards are \$150,000 for Small-Scale projects and \$1,000,000 for Large-Scale projects.

The following is a summary of the TRM grant applications and funding requests received in each project category:

- A. Small-Scale Total Maximum Daily Load (TMDL)
 - Three applications were received and are eligible for grant consideration.
 - Funding requests total \$388,000.
- B. Small-Scale Non-TMDL
 - Twenty-five applications were received and twenty-three are eligible for grant consideration.
 - The eligible project funding requests total \$3,024,592.
- C. Large-Scale TMDL
 - One application was submitted and is eligible for consideration.
 - Funding request total is \$1,000,000.
- D. Large-Scale Non-TMDL
 - One application was submitted and is eligible for consideration.
 - Funding request total is \$805,135.

The following process was used to score and rank projects and to make funding decisions:

1. All projects are scored and then ranked by score in each project category.
2. For Small-Scale TMDL and Small-Scale Non-TMDL applications only, the highest scoring

application from each DNR region that is above the median score in each of the two project categories is identified and moved to the top of the ranked list.

3. Projects on the ranked lists whose selection for funding would exceed the allowable grantee total of 20% of available grant funds in the project category are moved to the bottom of the list and funded only after all other eligible projects in the project category have been funded.
4. Selection of applications for funding continues based on rank order, until funds are exhausted.

Please refer to the attached tables for the results of the scoring process in each TRM project category and the proposed allocation of grant funds. Once the *2016 Joint Final Allocation Plan* is signed by the DNR Secretary, DNR will develop grant agreements for successful applicants. During the grant agreement development process, funding amounts may be adjusted as necessary to reflect final cost-share rates and eligible project components.

Materials Provided: *CY 2016 Small-Scale TRM Scoring, Rank and Proposed Funding by Project Category and Large-Scale TRM Scoring, Rank and Proposed Funding by Project Category*

Large-Scale TRM Scoring by Project Category & Rank for CY 2016

Maximum possible points = 226.55

Projects shaded will receive funding.

Large-Scale TMDL Applications

Rank	Applicant Name	Project Name	Region	Final Score	Total Project Cost (Local Assistance & BMPs)	State Share Local Assistance Amount Requested	State Share Structural BMP Request	State Share Cropping Practices Request	Total State Share Amount Requested	State Share Amount Proposed Award	Cumulative Proposed Award
1	Cedar Lake Protection and Rehabilitation District	Cedar Lake TMDL Implementation	WCR	109	\$2,230,000	\$0	\$28,000	\$972,000	\$1,000,000	\$165,311	\$165,311
Totals					\$2,230,000	\$0	\$28,000	\$972,000	\$1,000,000	\$165,311	\$165,311

Large-Scale Non-TMDL Applications

Rank	Applicant Name	Project Name	Region	Final Score	Total Project Cost (Local Assistance & BMPs)	State Share Local Assistance Amount Requested	State Share Structural BMP Request	State Share Cropping Practices Request	Total State Share Amount Requested	State Share Amount Proposed Award	Cumulative Proposed Award
1	Marathon County	Fenwood Creek Watershed Project	WCR	124.3	\$1,491,550	\$39,825	\$739,935	\$25,375	\$805,135	\$805,135	\$805,135
Totals					\$1,491,550	\$39,825	\$739,935	\$25,375	\$805,135	\$805,135	\$805,135

All Large-Scale Grand Total Requested	\$1,805,135	AWARDS	\$970,446
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Small-Scale TRM Scoring by Project Category & Rank for CY 2016

Maximum possible points = 198.95

Projects shaded will be funded.

Small-Scale TMDL Applications								
Rank	Applicant Name	Project Name	Region	Final Score	Region Boost*	Total Eligible Project Cost	State Share \$ Requested	Cumulative \$ Requested
1	Washington County	Moritz Clean Water Project	SER	129.0	Yes	\$140,000	\$98,000	\$98,000
2	Outagamie County	Steffens Family Farm	NER	113.8	Yes	\$201,652	\$140,000	\$238,000
3	Columbia County	DND Family Dairy LLC	SCR	100.8	No	\$495,000	\$150,000	\$388,000
Totals						\$836,652	\$388,000	

*Region Boost with score equal to or greater than median of 113.8

Small-Scale Non-TMDL Applications								
Rank	Applicant Name	Project Name	Region	Final Score	Region Boost*	Total Eligible Project Cost	State Share \$ Requested	Cumulative \$ Requested
1	Waupaca County	Maple Creek - Fietzer Farms Inc.	NER	140.0	Yes	\$311,915	\$109,415	\$109,415
2	La Crosse County	Manke Farm Manure Storage Improvements	WCR	135.5	Yes	\$553,212	\$150,000	\$259,415
3	Oconto County	SKusch	NER	139.7	No	\$80,636	\$56,445	\$315,860
4	Marathon County	Langenhahn Manure Storage Project	WCR	134.2	No	\$286,300	\$150,000	\$465,860
5	Outagamie County	Singler Beef Farm	NER	132.6	No	\$192,642	\$133,500	\$599,360
6	Marathon County	Matt Hartwig Barnyard Runoff Control Project	WCR	127.6	No	\$216,500	\$150,000	\$749,360
7	Outagamie County	Schroth Dairy Farm	NER	123.7	No	\$166,556	\$115,500	\$864,860
8	Waupaca County	Cedar Creek - Bakake Acres, LLC Manure Management	NER	123.2	No	\$236,115	\$150,000	\$1,014,860
9	Kewaunee County	Nick DeBaker Manure Storage	NER	118.7	No	\$114,923	\$80,446	\$1,095,306
10	Shawano County	Retzlaff Ag Waste Project	NER	117.7	No	\$204,346	\$143,042	\$1,238,348
11	Marinette County	Bauer Manure Management Project	NER	117.7	No	\$215,175	\$150,000	\$1,388,348
12	Kewaunee County	Delmar Pekarek Manure Storage	NER	116.5	No	\$208,965	\$146,276	\$1,534,624

Small-Scale Non-TMDL Applications								
Rank	Applicant Name	Project Name	Region	Final Score	Region Boost*	Total Eligible Project Cost	State Share \$ Requested	Cumulative \$ Requested
13	Kewaunee County	Boeder Farms Manure Storage	NER	112.4	No	\$158,006	\$110,604	\$1,645,228
14	Trempealeau County	Edmund Halama Inc. - Regulatory Animal Waste Storage Facility	WCR	112.2	No	\$214,285	\$150,000	\$1,795,228
15	Marinette County	Kaufman Manure Management Project	NER	111.1	No	\$274,309	\$150,000	\$1,945,228
16	Kewaunee County	Lambrecht Farms Manure Storage	NER	110.2	No	\$147,377	\$103,164	\$2,048,392
17	Kewaunee County	Stephanie Berger Manure Storage	NER	109.2	No	\$135,175	\$94,623	\$2,143,015
18	Kewaunee County	Steve Martin Manure Storage	NER	107.1	No	\$190,110	\$133,077	\$2,276,092
19	Columbia County	D&A Acres LLC	SCR	106.1	No	\$331,000	\$150,000	\$2,426,092
20	Outagamie County	Harvey Albert	NER	101.6	No	\$266,350	\$148,500	\$2,574,592
21	Trempealeau County	Troy Woyczik - Animal Waste Storage Facility	WCR	101.2	No	\$214,285	\$150,000	\$2,724,592
22	Trempealeau County	Jeff Wegner - Animal Waste Storage Facility	WCR	100.1	No	\$335,300	\$150,000	\$2,874,592
23	Marinette County	Hoffman Happy Holsteins Manure Management	NER	99.0	No	\$504,805	\$150,000	\$3,024,592
Totals						\$5,558,287	\$3,024,592	

*Region Boost with score equal to or greater than median of 116.5.

All Small-Scale Grand Total Requested:	\$3,412,592
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CORRESPONDENCE/MEMORANDUM

DATE: September 25, 2015

TO: Land and Water Conservation Board and Advisors

FROM: Mary Anne Lowndes *Mary Anne Lowndes*
Runoff Management Section, DNR

SUBJECT: **Department of Natural Resources (DNR) Scoring and Proposed Funding of Urban Nonpoint Source & Storm Water Management (UNPS) Applications for Calendar Year (CY) 2016**

Recommended Action: This is an informational item.

Summary: DNR is informing the Land and Water Conservation Board through this memo of the UNPS grant application scores for projects considered for CY 2016 grant funding under s. 281.66, Wis. Stats. Chapter NR 155, Wis. Adm. Code, governs the UNPS Grant Program.

The purpose of the UNPS grant program is to control polluted runoff from urban project areas. Funds may be used for two types of projects: 1) Construction projects, which may also include land acquisition, and 2) Planning projects. Each project type has its own application process and funding source. Consequently, construction projects and planning applications do not compete against each other for funding. The maximum state cost share per successful UNPS Construction application is \$150,000. An additional \$50,000 may be requested if the project includes property acquisition. The maximum state cost share amount per successful UNPS Planning application is \$85,000.

The following is a summary of the UNPS grant applications and funding requests received in each project category:

A. UNPS – Construction Projects

- Sixteen applications were submitted and are eligible for consideration.
- Funding requests total \$1,510,974.

B. UNPS – Planning Projects

- Thirty-seven applications were submitted and are eligible for consideration.
- Funding requests total \$1,451,954.

The following process was used to score and rank projects and to make funding decisions.

1. All projects are scored and then ranked by score in each project category.
2. Projects on the ranked lists whose selection for funding would exceed the allowable grantee total of 20% of available grant funds in the project category are moved to the bottom of the list and funded only after all other eligible projects have been funded.
3. Selection of applications for funding continues based on rank order, until funds are exhausted

The attached tables show the rank order and the proposed CY 2016 funding of applications. Once the *2016 Joint Final Allocation Plan* is signed by the DNR Secretary, DNR will develop grant agreements for successful applicants. During the grant agreement development process, funding amounts may be adjusted as necessary to reflect final cost-share rates and eligible project components.

Materials Provided: *CY 2016 Scoring, Rank and Proposed Funding for UNPS-Construction and UNPS-Planning*

UNPS-Construction Scoring and Rank for CY 2016

Maximum possible points = 168.3

Projects shaded will be funded.

Rank	Applicant Name	Project Name	Region	Final Score	Total Eligible Project Cost	Amount Requested	Cumulative Requested
1	Rice Lake, City	West South Street Storm Water Pond and Outfall	NOR	143.0	\$246,636	\$101,120	\$101,120
2	Fort Atkinson, City	Larsen Lagoon Retrofit	SCR	130.9	\$762,557	\$150,000	\$251,120
3	Beaver Dam, City	Watermark Project Permeable Pavement Installation	SCR	113.3	\$29,770	\$14,885	\$266,005
4	Neenah, City	Commerce Court Pond Expansion and Storm Sewer Installation	NER	110.3	\$240,000	\$80,000	\$346,005
5	Wauwatosa, City	Replacement of Stormwater Inlets with Catch Basins	SER	105.6	\$299,800	\$149,900	\$495,905
6	De Pere, City	Optimist Park Storm Water Pond	NER	105.6	\$225,475	\$112,738	\$608,643
7	Menomonie, City	City of Menomonie 17th Street Storm Water Pond	WCR	104.6	\$295,000	\$147,000	\$755,643
8	Fitchburg, City	Lacy Heights Bioretention Facility	SCR	101.2	\$26,300	\$10,520	\$766,163
9	Port Washington, City	Breakwater Gateway Project - SW BMP Task	SER	100.1	\$251,700	\$125,850	\$892,013
10	Milwaukee, City	North 76th Street Bioswale Project	SER	97.3	\$230,000	\$90,000	\$982,013
11	Waukesha County	Fox Brook Park Wet Detention Basin	SER	91.3	\$30,000	\$15,000	\$997,013
12	Oconomowoc, City	Street Maintenance Project (Street Sweeper)	SER	88.0	\$55,000	\$27,500	\$1,024,513
13	Oconomowoc. City	Fowler Lake Shoreline Restoration and Bioretention Basin	SER	85.8	\$261,957	\$130,979	\$1,155,492
14	Sussex, Village	Main Street Storm Pond	SER	81.4	\$346,317	\$150,000	\$1,305,492
15	Milwaukee County	North Point Lighthouse Green Infrastructure Train	SER	77.0	\$171,332	\$85,666	\$1,391,158
16	Ashland, City	Bayview Park Storm Water (CD-Repair) Project	NOR	70.0	\$239,632	\$119,816	\$1,510,974
			Totals		\$3,711,476	\$1,510,974	

UNPS-Planning Scoring and Rank for CY 2016

Maximum possible points = 163.9

Projects shaded will be funded.

Rank	Applicant Name	Project Name	Region	Final Score	Total Eligible Project Cost	Amount Requested	Cumulative Requested
1	Bloomfield, Village	Village of Bloomfield Storm Water Management Plan	SER	123.8	\$77,598	\$34,919	\$34,919
2	Sherwood, Village	Sherwood MS4 Planning	NER	121.4	\$122,950	\$57,787	\$92,706
3	Algoma, Town	Algoma MS4 Planning	NER	119.9	\$121,500	\$60,750	\$153,456
4	Elkhorn, City	City of Elkhorn Storm Water Management Plan	SER	117.4	\$141,373	\$66,445	\$219,901
5	Waterford, Town	Town of Waterford Storm Water Management Plan	SER	115.1	\$77,160	\$35,494	\$255,395
6	Fond du Lac, City	Fond du Lac - TMDL Stormwater Plan	NER	114.4	\$134,500	\$67,250	\$322,645
7	Washington County	Washington County Urban Storm Water Palnning Project	SER	114.4	\$34,251	\$13,700	\$336,345
8	St. Francis, City	St. Francis City-Side Stormwater Quality Management Plan Update	SER	113.1	\$98,000	\$46,060	\$382,405
9	Greenfield, City	Greenfield City-Wide Stormwater Quality Management Plan Update	SER	112.4	\$120,000	\$57,600	\$440,005
10	Calumet County	Calumet MS4 Stormwater Management Update	NER	111.5	\$30,470	\$10,969	\$450,974
11	Mount Pleasant, Village	Southeast Wisconsin Clean Water Network Information and Education Campaign	SER	109.2	\$161,133	\$75,733	\$526,707
12	Stoughton, City	Stoughton - TMDL Stormwater Plan	SCR	108.9	\$99,800	\$45,908	\$572,615
13	Saukville, Village	Village of Saukville - Storm Water Management Plan	SER	107.8	\$119,053	\$59,527	\$632,142
14	Cedarburg, City	Cedarburg City-Wide Stormwater Quality Management Plan Update	SER	104.7	\$66,000	\$33,000	\$665,142

UNPS-Planning Scoring and Rank for CY 2016

Maximum possible points = 163.9

Projects shaded will be funded.

Rank	Applicant Name	Project Name	Region	Final Score	Total Eligible Project Cost	Amount Requested	Cumulative Requested
15	Hudson, City	City of Hudson Storm Water Management and Master Planning	WCR	104.5	\$147,000	\$73,500	\$738,642
16	Brookfield, City	Citywide Stormwater Pollutant Reduction Plan	SER	103.7	\$121,500	\$60,750	\$799,392
17	Middleton, Town	Town of Middleton Stormwater Master Plan Update	SCR	103.4	\$55,000	\$23,650	\$823,042
18	Kewaskum, Village	Village of Kewaskum - Storm Water Management Plan	SER	103.0	\$121,373	\$60,687	\$883,728
19	Beaver Dam, City	City of Beaver Dam Storm Sewer Database Update	SCR	101.2	\$43,850	\$15,786	\$899,514
20	Clayton, Town	Town of Clayton CY2015/16 MS4 Planning Grant	NER	100.9	\$61,000	\$26,840	\$926,354
21	Dunn, Town	Town of Dunn - TMDL Stormwater Plan	SCR	100.1	\$65,400	\$32,700	\$959,054
22	Wisconsin Rapids, City	Wisconsin Rapids - Stormwater Management Plan Update	WCR	99.1	\$78,571	\$28,286	\$987,340
23	Fort Atkinson, City	Citywide Stormwater Management Plan Update	SCR	96.8	\$81,660	\$40,830	\$1,028,170
24	Ixonia, Town	Town of Ixonia WPDES Permit Compliance	SCR	95.7	\$67,083	\$32,871	\$1,061,040
25	St. Joseph, Town	St. Joseph MS4 Planning	WCR	94.0	\$105,700	\$52,850	\$1,113,890
26	Bellevue, Village	Update Village of Bellevue Urban Stormwater Plan	NER	92.4	\$69,600	\$25,056	\$1,138,946
27	Waupun, City	City of Waupun Citywide Stormwater Planning 2016	NER	91.9	\$65,700	\$30,222	\$1,169,168

UNPS-Planning Scoring and Rank for CY 2016

Maximum possible points = 163.9

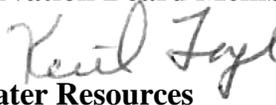
Projects shaded will be funded.

Rank	Applicant Name	Project Name	Region	Final Score	Total Eligible Project Cost	Amount Requested	Cumulative Requested
28	Milwaukee Metropolitan Sewerage District	"Respect Our Waters" Nonpoint Source Educational Campaign for Great Milwaukee Watersheds	SER	91.7	\$163,000	\$76,610	\$1,245,778
29	Scott, Town	Town of Scott TMDL Storm Water Management Plan	NER	91.3	\$45,900	\$22,950	\$1,268,728
30	DeForest, Village	Village of DeForest Storm Water Master Plan	SCR	91.0	\$74,500	\$37,250	\$1,305,978
31	Green Lake, City	City of Green Lake Stormwater Impact Study and Management Plan	NER	89.1	\$41,495	\$19,088	\$1,325,066
32	Eden, Village	Village of Eden MS5 Planning	NER	88.6	\$29,100	\$14,259	\$1,339,325
33	Green Bay - UW	Board of Regents MS4 Renewal - UW Green Bay	NER	77.2	\$52,500	\$25,200	\$1,364,525
34	Watertown, City	City of Watertown Erosion Control and Storm Water Ordinances Update	SCR	77.0	\$40,000	\$20,000	\$1,384,525
35	Harmony, Town	Rock County Town Consortium - Stormwater Management Plan Update	SCR	73.1	\$63,000	\$28,980	\$1,413,505
36	Deerfield, Village	Deerfield Stormwater Utility Implementation	SCR	67.0	\$5,000	\$2,500	\$1,416,005
37	West Salem, Village	Village of West Salem Storm Water Management	WCR	66.0	\$73,365	\$35,949	\$1,451,954
			Totals		\$3,075,085	\$1,451,954	

CORRESPONDENCE/MEMORANDUM _____ STATE OF WISCONSIN

DATE: September 18, 2015

TO: Land and Water Conservation Board Members and Advisors

FROM: Keith Foye, DATCP 
Bureau of Land and Water Resources

SUBJECT: Request for extension of LWRM plan expirations

Recommended Action: Staff requests the LWCB to recommend approval of the extension requests made by Crawford and Washburn Counties to extend the expiration date of their current Land and Water Resource Management plans by the requested timeframe.

Summary: Land and Water Resource Management plans for Crawford and Washburn Counties will expire on December 31, 2015. In order to maintain eligibility for grants through the soil and water resource management grant program, these counties must obtain either an approval of an updated plan or approval of an extension request by the plan expiration date.

Crawford County is requesting a one year extension and Washburn County is requesting a two year extension. Each of the counties requesting extensions to their Land and Water Resource Management plans has completed the appropriate extension request form and included an updated plan of work for the extension period.

Materials Provided:

- Crawford County extension request materials
- Washburn County extension request materials

Presenter: Lisa Trumble, DATCP



Land and Water Conservation Board
 County Land and Water Resource Management Plan
 Form to Request Extensions of 1 to 3 Years

County: CRAWFORD

Extension request: 1 year 2 years 3 years

Reason for request: To ensure that there is enough time to get our LWRM Plan approved by the LWCB, we request a 1-year extension.

Requirements for a one, two or three year extension

1. Describe your county's progress toward meeting your county's current plan goals (ex. nutrient management, water quality, FPP, etc. *(Please limit response to two sentences)*)
 Regarding soil erosion and nutrient management, we have greatly increased the amount of land covered by a NMP, thus reducing nutrients and meeting "T" on those fields. We have expanded our agricultural clean-sweep, electronics, and used tire collection programs and have also greatly expanded our outreach and education in the topics of land management and invasive species.

2. Attach an updated work plan that covers planned activities during the one, two or three year extension period you have requested. An updated priority farm strategy may also be attached, if necessary.

Has your Land Conservation Committee approved this request? Yes No

Date approved: 2/10/2015

If no, approval expected by: (date of next LCC meeting)

Additional Comments *(please limit response to two sentences)*:

Signature of Authorized Representative: David Trumble Date: July 6, 2015
 (e.g. County Conservationist, LCC chair)

Send completed form and attachment(s) to:
Lisa.Trumble@wi.gov

2016 CRAWFORD COUNTY LAND AND WATER PLAN RESOURCE CONCERNS

Resource Concern #1						
Soil Erosion						
Objectives	Actions	Who	LCD Costs	Cost-share available	Annual Benchmark	Priority
Control erosion to 'T' on crop fields	Provide technical assistance to ag producers	LCD, NRCS	\$10,000.00		Assist 5 producers with conservation friendly planning	H
	Use Nutrient Management Planning to track soil erosion estimates	LCD	\$5,000.00		Review 1,000 acres of NMP	H
	Assist producers in layout of contour strips	LCD, NRCS	\$1,000.00		Lay out strips on 600 acres	H
	Promote cover crops and an aerial application project	LCD, NRCS	\$5,000.00		Assist with seeding cover crops on 1,000 acres	M
Inform and educate landowners on conservation practices	Create outreach materials for soil and water conservation	LCD	\$1,000.00		Distribute 200 copies outreach materials	H
Administer DATCP Farmland Preservation Program	Monitor compliance for the program	LCD	\$15,000.00		Conduct farm inspections for each each FPP farm at least every 4 years	H
	Conduct FPP outreach to boost participation	LCD	\$5,000.00		Enroll 5 new FPP Zoning participants	H
Promote examples of conservation success stories	Provide educational articles to the press	LCD	\$2,000.00		5 press releases	M
	Conservation Awards	LCD, NRCS	\$1,000.00		Recognize 6 groups or individuals for their conservation work in the county	H
Reduce erosion on non-cropland	Promote managed grazing	LCD, NRCS, Extension	\$1,000.00		Assist in creation of 2 new grazing systems	M
	Promote benefits of CREP	LCD	\$500.00		Promote the program to 5 landowners	M
Provide Cost-share for landowners	Utilize DATCP L&W Grant funding to set up contracts	LCD	\$20,000.00	\$45,000.00	Spend all available L&W dollars on landowner contracts	H

Resource Concern #2
Water Resources

<i>Objectives</i>	<i>Actions</i>	<i>Who</i>	<i>LCD Costs</i>	<i>Cost-share available</i>	<i>Annual Benchmark</i>	<i>Priority</i>
Educated landowners on proper use of fertilizers and pesticides	Pesticide Applicator Training program	UWEX			Train 15 people	H
	Provide outreach materials to press		\$500.00		Annual press releases	M
Reduce groundwater contamination from manure storage structures	Provide technical assistance to owners of manure storage structures	LCD, NRCS	\$2,000.00		Assist 2 landowners with new construction or abandonment	H
	Provide information to producers considering installing a storage structure	LCD	\$500.00		Provide information to 1 new contact	H
Reduce groundwater pollution from direct conduits	Provide technical assistance on well abandonment	LCD	\$3,000.00		5 well abandonments	H
	Provide outreach materials on well abandonment, sinkhole protection, and septic system concerns	LCD, Zoning/ Sanitation	\$500.00		Annual press releases	M
Reduce sediment delivery from erosion	Promote installation of Best Management Practices	LCD, NRCS	\$1,000.00		Promote BMP's on every Land & Water construction project	H
	Implement NR-151 Strategy	LCD	\$5,000.00		Monitor NR-151 compliance and inform landowners of NR-151 standards	H

continued...

continued...

	Provide demonstration projects that implement BMP's	LCD, UWEX	\$5,000.00		3 pasture walks in the county and 1 construction project demonstration	H
Protect existing wetland and increase wetland acres through restoration	Promote and enroll landowners in Wetland Reserve Program	NRCS, LCD	\$1,000.00		One new WRP contract	M
	Provide outreach to the public on the importance of wetlands	LCD	\$250.00		Provide wetland information at the LCD fair booth	M
Increase amount of financial assistance to landowners	Assist landowners in applying for state and federal cost-share dollars	LCD	\$4,000.00		Help enroll 5 landowners into state or federal cost-share programs	H
	Work with partner groups like Southwest Badger RC&D to secure private grants	LCD	\$1,000.00		Connect 2 landowners with private groups offering financial incentives	M
	Promote DATCP's L&W cost-share program	LCD	\$5,000.00		Promote and distribute the annual DATCP allocation of L&W dollars	H
	Participate in the DNR's County Conservation Aids grant program	LCD	\$2,500.00	\$5,000.00	Provide funds to local groups/ individuals looking to improve fish and wildlife habitat/ recreational opportunities	H
	Work with adjacent counties on partnership projects	LCD, NRCS, UWEX	\$500.00		Develop one multi-county partnership	M
Provide youth outreach	Conduct annual Youth Conservation Day event	LCD, NRCS	\$1,000.00		Conduct annual YCD event	H
	Conduct school visits and other conservation-related youth events to promote conservation	LCD	\$1,000.00		Participate in 5 school talks or other youth conservation events	H

**Resource Concern #3
Nutrient Management**

<i>Objectives</i>	<i>Actions</i>	<i>Who</i>	<i>LCD Costs</i>	<i>Cost-share available</i>	<i>Annual Benchmark</i>	<i>Priority</i>
Inform and educate the public on the wise use of nutrients	Provide outreach to agricultural landowners	LCD, UWEX, NRCS	\$4,000.00		2 press releases and 20 producer contacts	H
	Work with Southwest Technical College to do Nutrient Management Plan training for farmers	LCD, UWEX	\$1,000.00		Annual training sessions	M
	Collect NMP checklists from all FPP zoning participants and Animal Waste Storage Permit/ Livestock Facility Siting Permit holders	LCD	\$5,000.00		Collect all program- and permit-required NMP checklists	H
	Provide DATCP cost-sharing for NMP implementation	LCD	\$7,000.00	\$14,000.00	Contract all DATCP SEG funds, and transfer any remaining balance to other counties	H

**Resource Concern #4
Land Use Planning**

<i>Objectives</i>	<i>Actions</i>	<i>Who</i>	<i>LCD Costs</i>	<i>Cost-share available</i>	<i>Annual Benchmark</i>	<i>Priority</i>
Assist local municipalities with the implementation of the land use goals in their Comprehensive Plan	Provide land use planning outreach to towns, villages, and city	LCD, UWEX	\$2,000.00		Annual meetings with the municipalities	M

**Resource Concern #5
Land Management**

Objectives	Actions	Who	LCD Costs	Cost-share available	Annual Benchmark	Priority
Encourage sustainable forestry practices	Provide outreach to landowners on various agency forestry programs	LCD	\$1,000.00		Forestry BMP outreach to 5 landowners	M
	Promote DNR's Managed Forest Law program	LCD	\$1,000.00		Help enroll 5 new properties into MFL	M
	Conduct annual LCD Tree and Shrub Sale	LCD	\$2,000.00		Sell 2,000 trees or shrubs	H
	Maintain the LCD tree planter and sprayer rental program	LCD	\$1,000.00		Rent tree planter to 2 individuals and the sprayer to 1 individual	M
Encourage native prairie management	Provide outreach on prairie management	LCD, NRCS	\$3,000.00		Coordinate an annual Prairie Tour	M
	Provide outreach/ technical assistance on prescribed burning	LCD	\$2,000.00		Provide guidance on 5 prescribed burns	M
	Maintain prairie on County lands and use as demonstration area	LCD	\$1,000.00		Demonstration event/ tour of the Administration Building prairie	M
Invasive Species	Inform landowners of the threats of invasive species	LCD	\$1,000.00		5 landowner discussions or site visits	M
	Coordinate DNR Rapid Response Grants when applicable	LCD	\$2,000.00		Apply for Invasive Control funding when new species are found within the county	M
	Participate in the Southwest Wisconsin Invasive Species Coalition	LCD	\$2,000.00		Attend SWISC meetings and provide outreach to the group	M
	Promote (and maintain) the LCD sprayer as a tool to control invasives	LCD, UWEX	\$500.00		Rent sprayer to 1 individual for invasives control	M

**Resource Concern #6
Waste Disposal**

<i>Objectives</i>	<i>Actions</i>	<i>Who</i>	<i>LCD Costs</i>	<i>Cost-share available</i>	<i>Annual Benchmark</i>	<i>Priority</i>
Provide hazardous waste disposal opportunities	Provide outreach on the importance of proper disposal of hazardous items	LCD, UWEX	\$1,000.00		Do several press releases regarding collection events	H
	Conduct tire collection	LCD	\$500.00		Conduct tire collection every 1-2 years	M
	Conduct Clean Sweep (Chemicals, E-waste, Rx drugs)	LCD, UWEX, Zoning	\$5,000.00		Conduct annual event	H



Land and Water Conservation Board
 County Land and Water Resource Management Plan
 Form to Request Extensions of 1 to 3 Years

County: Washburn

Extension request: 1 year 2 years 3 years

Reason for request: FP Plan revision to be completed in 2016 and to write a plan that complies with EPA's 9 key elements.

Requirements for a one, two or three year extension

1. Describe your county's progress toward meeting your county's current plan goals (ex. nutrient management, water quality, FPP, etc. *(Please limit response to two sentences)*
 Good progress near lakes and streams but we will be re-focusing our efforts to address areas further up in the watersheds. Farmland Preservation Plan revision will be a tool for this so adjusting the work plan now we'll have a better understanding how to incorporate them both together for 2016.
2. Attach an updated work plan that covers planned activities during the one, two or three year extension period you have requested. An updated priority farm strategy may also be attached, if necessary.

Has your Land Conservation Committee approved this request? Yes No

Date approved: 3/19/2015

If no, approval expected by: (date of next LCC meeting)

Additional Comments *(please limit response to two sentences)*:

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

Michael R. Belvi Date: 5-13-2015

Send completed form and attachment(s) to:
Lisa.Trumble@wi.gov

Selecting Priority Farms for on-site visits, technical assistance, and cost sharing

The entire area of the county is within watersheds that are on the state's 303(d) impaired waters list, implementation phase, with the impairment being phosphorous. While an inventory of all farms is a long-term goal, in 2015 we'll be moving towards using watershed modeling programs to determine, source, cause, significance and effectiveness of BMPs. Concurrently we'll be using the criteria below as we work towards this. Based on these criteria sites will be inventoried for meeting state performance standards plus high phosphorous deliverance areas.

Criteria for selecting priority farms

- 1) In water Quality Management Areas
- 2) Farms that drain towards impaired lakes.
- 3) Potential violations of ag performance standards
- 4) Producers w/o nutrient management plans
- 5) Identification of high pollutant sources using watershed modeling programs

WASHBURN COUNTY WORK PLAN 2016 - 2017

Goal - Protect And Enhance The Quality Of Our Surface Water - 50%						
Objectives	Actions	Who (Lead agency in bold)	When	2016 -2017 Staff Hours Staff Cost Cost Share	Anticipated Annual Outcome	I & E tools
Reduce phosphorous from surface waters by 5% & sediment by 4% in the next 2 years	Promote, and provide technical and financial assistance for Rotational Grazing	LCD, DNR, NRCS	Annually	230 Hours \$7,500 Cost Share \$4,000	Install 2 BMPs on pasture & develop 2 rotational grazing plans	Assist with and attend pasture walks, Web Page, and News Articles
	Identify the causes, source and significance of phosphorus delivery to surfaces waters by utilizing watershed modeling programs	LCD, GIS Dept, DNR	Annually	115 Hours \$3,750	A ranking of farms as priority and an evaluation of most cost effective BMP per unit reduction	Web site, LCC
	Encourage shoreline buffers for streams and lakes by providing financial and technical assistance and establish demonstration projects for them	LCD, DNR, NRCS, UWEX	Annually	460 Hours \$15,000 Cost Share \$8,000	5-6 buffers , 1-2 demonstration projects	Website, signs, news articles, brochures, lake association meetings and newsletters
	Use stormwater infiltration practices on public and private property and establish demonstration projects for them	LCD, DNR, NRCS	Annually	161 Hours \$5,250 Cost Share \$4,000	1-2 projects, 1 demonstration project	Web site, signs, news articles, brochures

WASHBURN COUNTY WORK PLAN 2016 - 2017

Goal - Protect And Enhance The Quality Of Our Surface Water						
	Inventory farmsteads having livestock within priority farm areas and SWQMAs. Conduct site visits and inventories. Provide technical and financial assistance	LCD, GIS Dept, DNR	Annually	345 Hours \$11,250 Cost Share \$7,000	10 farms reviewed for compliance, 3 BMPs installed	Web site, LCC, Letters
	Inventory public right of ways on public lands and provide technical and financial assistance for erosion control. This includes but is not limited to culvert, and boat landings	LCD, GIS Dept	Annually	115 Hours \$3,750 Cost Share \$3,000	2-3 BMPs on public property	Web Site, Inform municipalities on the availability of technical and financial assistance
	Stabilize eroding streambank and shorelines (Shoreline Protection)	LCD, DNR, NRCS, UWEX	Annually	345 Hours \$11,250 Cost Share \$6,000	500 feet	Web Site, brochures
	Promote and provide technical and financial assistance for Nutrient Management Planning and apply for grants	LCD, NRCS, UWEX	Annually	390 Hours \$12,750 Cost Share 9,000	700 acres	Website, news articles, brochures, classes and newsletters
	Provide technical and financial assistance to Cities and Villages for construction of BMPs and Encourage them to adopt an erosion control ordinance	LCD, DNR, NRCS, UWEX	Annually	69 Hours \$2,250 Cost Share \$2,000	1 -2 projects	Web Site, brochures, attend municipal meetings
	Assist DNR with Citizen complaints pertaining to Nonpoint pollution	DNR, LCD, DATCP, NRCS	Annually	69 Hours \$ 2,250 Cost Share \$3,000	1-2 projects	LCC

WASHBURN COUNTY WORK PLAN 2016 - 2017

Goal - Protect aquatic and terrestrial ecosystems from non-native species and improve their habitat 20%						
Objectives	Actions	Who (Lead agency in bold)	When	2016 -2017 Staff Hours Staff Cost Cost Share	Anticipated Annual Outcome	I & E tools
Prevent, Control or Eliminate Aquatic Invasive Species (AIS)	Provide technical assistance to support AIS management and prevention, and monitoring	LCD, DNR	Annually	225 Hours \$7,500	Continue work on existing county-wide AIS grant, Apply for other DNR Lake grant when need	
	Educate the public about the problems posed by AIS	LCD, DNR	Annually	135 Hours \$4,500	4 informational workshops , monthly newspaper articles, booths at annual conferences and lake fairs	News Articles, Newsletters, Brochures, Meetings, County and State Website
	Educate School Groups using presentations, hands-on demonstrations and activities	LCD	Annually	135 Hours \$4,500	Continue: working with all 4 Schools and Hunt Hill for PL Beetle control, training scouts as CBCW inspectors, Canoes on Wheels Program and conservation poster/speaking contest, more as requested	I.D cards, PowerPoint, brochures, games

WASHBURN COUNTY WORK PLAN 2016 - 2017

Goal - Protect aquatic and terrestrial ecosystems from non-native species and improve their habitat						
	Assist Lake Associations with grant applications, provide education and training and technical assistance with control	LCD, DNR, UWEX	Annually	135 Hours \$4,500	4 AIS Citizen Lake Monitoring workshops, 2 CBCW Workshop, booths at meetings, encourage students to help with EWM, EWM and PL removal, provide technical assistance when needed	Association News Letters, Brochures, Workshops, Meetings
	Assist DNR with AIS monitoring	LCD, DNR	Annually	45 Hours \$1,500	4 Lakes	
Prevent, Control or Eliminate Terrestrial Invasive Species	Conduct and promote educational workshops to county and township road crews	LCD, NRCS, UWEX, CWMA	Annually	45 Hours \$1,500	2 trainings	News articles, Brochures, Website
	Conduct educational workshops to the public, including identification and control techniques	LCD, CWMA, NRCS	Annually	45 Hours \$1,500	1-2 presentations, promote NRCS programs	News articles, Brochures, county website
	Educate School Groups using presentations, hands-on demonstrations and activities	LCD, CWMA	Annually	45 Hours \$1,500	2-3 presentations, set up monitoring/control groups	I.D cards, PowerPoint, brochures, games
Establish Aquatic Habitat	Install habitat projects in streams and lakes	LCD, DNR	Annually	45 Hours \$1,500 Cost Share 2,000	2 projects - 1 -2 demonstration projects	Web Site. News articles, Attend Lake association meetings
Stream Inventory Projects	Collect water quality and quantity data	LCD, DNR	Annually	45 Hours \$1,500	1 - 2 streams	Web Site. News articles

WASHBURN COUNTY WORK PLAN 2016 - 2017

Goal - Effectively administer ordinances under LWCD jurisdiction and assist Zoning Dept with Shoreline & Nonmetallic Mining Ordinances - 20%						
Objectives	Actions	Who (Lead agency in bold)	When	2016 -2017 Staff Hours Staff Cost Cost Share	Anticipated Annual Outcome	I & E tools
Administer Washburn County Animal Waste Ordinance.	Review Plans, maintain permit system and evaluate compliance during and after construction	LCD, DATCP & NRCS	Annually	270 Hours \$9,000	1-2 permitted projects	Web site & LCC
Assist Zoning Dept with Administering the County's Nonmetallic Mining Reclamation Ordinance	Review plans, monitor sites for compliance , assist with enforcement & assist operators in designing plans	ZON, LCD	Annually	90 Hours \$3,000	3 plans reviewed, 6 sites reviewed	Web site & LCC
Assist Zoning Dept with Administering the County's Shoreline Protection Ordinance	Review mitigation plans, sites and design plans	ZON, LCD	Annually	450 Hours \$15,000	10-12 plans & Sites reviewed, 2 plan designs	LCC
	Assist with enforcement by providing site specific documentation	ZON, LCD	Annually	90 Hours \$3,000	1-2	LCC

WASHBURN COUNTY WORK PLAN 2016 - 2017

Goal - Conserve and protect productive agricultural lands in Washburn County - 5%						
Objectives	Actions	Who (Lead agency in bold)	When	2016 -2017 Staff Hours Staff Cost Cost Share	Anticipated Annual Outcome	I & E tools
Revise Farmland Preservation Plan	Develop Plan & Map	LCD, GIS, ZON	Annually	176 Hours \$5,600	certified plan	News articles, Brochures, county website
	Educate farmers and municipalities of benefits & need	LCD, NRCS	Annually	44 Hours \$1,400		News articles, Brochures, county website, attend Township meetings

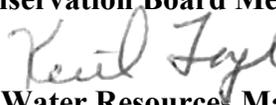
Goal - Protect Groundwater Quality and Quantity - 5%						
Objectives	Actions	Who	When	2016 -2017 Staff Hours Staff Cost Cost Share	Anticipated Annual Outcome	I&E tools
Ensure proper closure of abandoned wells	Promote, and provide technical and financial assistance for Proper Well Abandonment	LCD, NRCS, UWEX	Annually	81 Hours \$3,036 Cost Share \$2,000	2 - wells	Web Site. News articles, demonstrations
Ensure proper closure of abandoned manure storage facilities	Promote, and provide technical and financial assistance for Proper Manure Structure Abandonment	LCD, NRCS, UWEX	Annually	99 Hours \$3,267 Cost Share \$7,000	1-2 manure storage closure	Web Site. News articles

Based on 2.5 employees, 1800 hours per year and anticipated cost share . Staff hours, pay and cost share are annual estimates.

CORRESPONDENCE/MEMORANDUM_____ **State of Wisconsin**

DATE: September 24, 2015

TO: Land and Water Conservation Board Members and Advisors

FROM: Keith Foye, DATCP 
Bureau of Land and Water Resources Management

SUBJECT: Request for five-year extension of the Door County Land and Water Resource Management plan

Recommended Action: Staff requests the LWCB review materials submitted by Door County in support of the request to extend the expiration date of its land and water resource management plan until December 31, 2020, and make a recommendation consistent with the LWCB's February 27, 2012 guidance, a copy of which is attached.

Summary: The land and water resource management plan for Door County is currently approved through December 31, 2015. In order to maintain eligibility for grant funding through the soil and water resource management grant program, Door County must receive approval of an updated plan or approval of a request to extend the plan expiration date before December 31, 2015.

The plan approved in 2010 is eligible for an extension of up to five years as it was written with a 10-year planning horizon. Door County has completed the appropriate extension request form, guidance checklist, and provided an updated plan of work that will cover activities during the five year extension period. The presentation to LWCB members will provide detailed information on the county's accomplishments over the last five years of the plan implementation.

Materials Provided:

Door County extension request materials:

- *4 to 5 year Extension Request form*
- *County-prepared LWCB checklist*
- *Door County LWRM Plan of Work 2016-2020*

Presenter: Greg Coulthurst, Door County SWCD



Land and Water Conservation Board
County Land and Water Resource Management Plan
Form to Request Extensions of 4 or 5 Years

County: Door

Extension request: 4 years 5 years

Reason for request: Extension Required

Requirements for a four or five year extension

1. Describe your county's progress in meeting planned goals and activities (e.g., nutrient management, water quality, FPP, etc) by listing key benchmarked activities pursued over the last five years.¹

76% of Cropland under Nutrient Management (70,580 ac.) - 58% or 53,407 ac. in 2010.

39 Animal Saste systems installed.

28 Barnyard systems installed.

11 Milk House Waste systems installed.

8 Grassed Waterways installed.

13 Roof Runoff Systems installed.

35 Well Abandonments.

152 Topography surveys.

104 landowner designs.

131 Farm Operations-officially notified of Standard and Prohibition compliance status

102 Storm water project reviews.

51-52 Nonmetallic mine annual reviews/year.

600 acres of Phragmites treatments

121 acres and 257 miles of Wild Parsnip Treatments

430 operation and maintenance site reviews

12 Beach installation projects

1 Feasibility Study For Dunes Lake.

2. Attach a completed guidance checklist documenting that your county plan has measureable benchmarks for key activities, an effective priority farm strategy, and includes sufficient elements to reflect a ten year planning horizon. An updated priority farm strategy may also be attached, if necessary.²
3. Attach an updated work plan that covers planned activities during the four of five year extension period you have requested.

¹ Approval of this request requires a presentation to the LWCB to provide a detailed presentation identifying benchmarked activities and your progress in achieving the benchmark over the last five years.

² Guidance checklist available at: <http://datcp.wi.gov/uploads/Environment/doc/GuidanceChecklist.doc>

Has your Land Conservation Committee approved this request? Yes No

Date approved: September 17th 2015

If no, approval expected by: (date of next LCC meeting)

Additional Comments (please limit response to two sentences):

Signature of Authorized Representative: W. S. J.
(e.g. County Conservationist, LCC chair)

Date: 9/21/15

Send completed form and attachments to:

Lisa.Trumble@wi.gov



County-prepared checklist to determine compliance with criteria for a LWCB recommendation for a 10-year approval and 5-year extension¹

I. Requirements for benchmarking and priority farm strategies

All counties must have plans that meet the requirements identified in Section I, questions no 1-3. This checklist is intended to ensure that counties have fulfilled these requirements when they seek a 10 year plan approval, or a 5 year extension of a plan previously approved for 5 years.¹

1. For each key activity listed below, please answer whether or not the plan has specific, measurable benchmarks and targets	If "yes," list the page numbers in the plan or work plan	If "no," please provide a reason (e.g., not applicable)
a. Implementation of performance standards for farms	49-64	
b. Implementation of stormwater management and related urban standards	64-69	
c. Farmland Preservation conservation compliance	53,54	
d. Groundwater protection: quality and quantity	18, 49-79	
e. Permit and ordinance administration	64-69	
f. Lake and stream protection (e.g. shoreline protected, invasive species management)	19,23,82	
g. Watershed protection (e.g. phosphorus reduction/trading, TMDL, nitrogen management)	19,23,35, 49-54, 87-99	
h. Program evaluation and monitoring	98-99	
i. Spending of state cost-share funds	56-58	
j. Forestry management	80	
2. Does the plan provide adequate information about the benchmarked activity that includes: the objective, activities, responsible parties, timeframe, anticipated annual outcomes, and I & E tools?	84-86, 87-118	
3. Does the county's priority farm strategy include the following items?	59-64	
a. Effectively implement state performance standards and conservation practices on farms	61-64	
b. Identify the specific conditions such as cropland nutrient runoff that will be addressed	59-60	
c. Provide an adequate framework to evaluate whether the county is making reasonable progress in implementing all high priority activities	63	

¹ A county seeking a four extension must meet the criteria for a five year plan extension.

II. Planning requirements for counties seeking a 10 year LWRM plan approval, or a 5 year extension of a plan previously approved for 5 years.

Counties seeking a 10 year plan approval, or a 5 year extension of a previously approved 5 year plan, need to complete Section II to document that county planned over a 10 year horizon.¹

1. Please answer the following regarding each element of your planning process.	If “yes,” list the page numbers in the plan or work plan	If “no,” give a reason (e.g. not applicable)
a. The local advisory committee specifically considered this longer time horizon when they made their recommendations	1,2,7,98,99	
b. The planning documents make a reasonable attempt to identify and analyze resource needs for a period of at least 10 years into the future.	1-7, 98-118	
c. The planning documents make a reasonable attempt to forecast applicable trends for a period of at least 10 years into the future.	1-7, 98-118	
d. The planning documents make a reasonable attempt to identify existing and anticipated priorities, with the understanding that changes are likely within the 10 year planning period.	1-7, 98-118	
e. The plan describes the process for reviewing and updating objectives and activities during the 10 year period, including changes needed as a result of annual work planning and a five year review before the LWCB	1-7, 98-118	

III. Review of Checklist

DATCP will collect and submit the completed guidance checklist to the LWCB without any review or comment from the LWRM planner. The LWCB will use the checklist to determine whether to recommend a plan approval or extension.

IV. Failure to meet checklist requirements

If the revised plan fails to meet the requirements for a 10 year approval, the LWCB will recommend approval of the plan for a 5 year period. If plan previously approved for a 5 year period fails to meet the LWCB requirements for a 5 year extension, the LWCB will recommend a one year extension in order to provide sufficient time for the county to prepare a plan update.

Part 5

Summary Work Plan and Fiscal Management

- 5.1 Work Plan
- 5.2 Fiscal Management

5.1

Work Plan

The Door County Land & Water Resource Management Plan includes both short-term and long-term work tasks to accomplish the goals of the plan. In several areas the short-term work task is a strategy to identify the long-term solution to the resource need and thus the long-term work task. Some of the other work tasks are singular efforts and are not preceded by a solution identifying process; thus many of these can be implemented immediately. Either way the work tasks are designed to accomplish the goals of the plan.

The numerous identified work tasks require a phased approach of implementation to accomplish within the resources available. This section sets forth the phased implementation for the years 2016 through 2020. It is estimated to require two to three years to implement current short-term work tasks. It is the intent of this plan to accomplish the short-term tasks within the available annual SWCD staff hours. The presentation of the phased implementation of short-term and long-term work tasks does not preclude, or rule out, the utilization of additional resources to expedite the implementation.

The long-term work tasks are the actual implementation of conservation and environmental protection programs to accomplish the goals of the Land & Water Resource Management Plan. The processes of implementing the program efforts for purposes of this plan are considered five-year work tasks. A long-term work task projection beyond the five-year remaining plan approval period is a mute issue at this time. Consideration to the ever-changing conservation programs designs and demands will also need to be evaluated yearly. Likewise the threats to Door County's natural resources continue to present themselves in changing form as the quantity and diversity of the resource users increases in volume and intensity. Consistent with the discussion of the dynamic nature of the conservation and environmental needs, it is also anticipated that during the next five year period, changing resource needs may require a revision to the work tasks identified in this plan and their schedule of implementation. The actual schedule of implementation for the long-term work tasks will be contingent upon the available funding resources to support the proposed activities. Limitations on available funding resources requires a long-term on going work task effort.

The following Table 5-1 illustrates the program efforts included in the Land & Water Resource Management Plan with a designation of either short-term or long-term effort for the 2016 – 2020 plan years. In addition in some cases the anticipated/planned year of implementation is also

noted. The location of the plan discussion of each item is included in the Program column and should be referred to for additional information. The Table does not summarize all the components of the plan contents and does not include all of the ongoing daily program activities of the SWCD. All of the programs and the associated activities that follow have been organized by the resource goal that they address. There is overlap within the table as many programs address several resource goals within the county. **A discussion of fiscal management is included in Section 5.2 following the work plan. All Short-Term Activities within this work plan are considered to be High Priority Activities.**

Table 5-1. Short-term and long-term work plan summary.

<i>PROGRAM</i>	<i>SHORT-TERM ACTIVITIES (High Priority Activities) 2016 – 2017</i>	<i>LONG-TERM ACTIVITIES</i>
Resource Goal: Groundwater Protection and Improvement		
Upper Door Priority Watershed (3.1.2)	* Continue to ensure compliance for all landowners under Operation and Maintenance requirements	*Inventory status of compliance with statewide standards and prohibitions through selection of priority farms and cropland for 100% of agriculture-related parcels
Red River/Sturgeon Bay Priority Watershed (3.1.3)	* Continue to ensure compliance for all landowners under Operation and Maintenance requirements * Utilize 319 funding source due to 9 key element plan approval until 2017	*Inventory status of compliance with statewide standards and prohibitions through selection of priority farms and cropland for 100% of agriculture-related parcels
Working Lands Initiative (3.1.4)	Continue implementation - compliance certification for all participants claiming tax credits	* Assist Planning Department with approved Farmland Preservation Plan if additional program requirements are needed

PROGRAM	SHORT-TERM ACTIVITIES (High Priority Activities) 2016 – 2017	LONG-TERM ACTIVITIES
Nutrient Management Program (3.1.5)	<ul style="list-style-type: none"> *Continue implementation through the utilization of the county-wide geographic prioritization *Educational workshops for farmers and crop consultants *Informational newsletters to farmers county-wide *Seek grants for the continued implementation of nutrient management *As a follow-up to the disappointing findings of the 2014 NMP audit increased emphasis will be placed on the ongoing evaluation of the quality of the preparation of nutrient management plans and implementation. Evaluation findings will be shared with producers, cropland landlords/landowners and consultants requiring compliance with appropriate standards. 	<ul style="list-style-type: none"> *Compliance for all cropland *Ensure continued compliance with the NRCS 590 Standard through GIS tracking *Continued information and education initiative *Seek grants for the continued implementation of nutrient management *Continue efforts to eliminate all winter spreading in high hazard areas
NR 243 - Animal Feeding Operations (3.1.6)	<ul style="list-style-type: none"> *Provide technical assistance to all landowners to meet WPDES permit requirements *Provide technical assistance to all landowners that have been issued NODs *Seek NOD grants for the implementation and continued compliance with Agricultural Performance Standards and Prohibitions 	<ul style="list-style-type: none"> *Ensure all participants are compliant with Agricultural Performance Standards and Prohibitions *Continue to seek NOD grants for the implementation and continued compliance with Agricultural Performance Standards and Prohibitions
Targeted Runoff Management Program (3.1.7)	<ul style="list-style-type: none"> *Implement current grants to install necessary BMPs to meet water quality goals for all awarded projects *Continue implementation through the utilization of the strategy for identification of priority farms to select all potential grants 	<ul style="list-style-type: none"> *Continue to seek grants to maximize potential funding for implementation of Agricultural Performance Standards and Prohibitions

PROGRAM	SHORT-TERM ACTIVITIES (High Priority Activities) 2016 – 2017	LONG-TERM ACTIVITIES
Implementation of Agricultural Standards & Prohibitions (Identification of Priority Farms) (3.1.8 & 3.1.9)	<ul style="list-style-type: none"> *Continue implementation through the utilization of the strategy for identification of priority farms and cropland *Continue ensuring compliance with Agricultural Performance Standards and Animal Waste Storage Ordinance on all farms in the Working Lands Initiative *As a follow-up to the disappointing findings of the 2014 NMP audit increased emphasis will be placed on the ongoing evaluation of the quality of the preparation of nutrient management plans and implementation. Evaluation findings will be shared with producers, cropland landlords/landowners and consultants requiring compliance with appropriate standards. 	<ul style="list-style-type: none"> *Compliance for all agricultural operations *Maintain tracking of status for all ag-related parcels *Review the efficiency and effectiveness of the Agricultural Performance Standards and Animal Waste Storage Ordinance
Stormwater Runoff Management & Construction Site Erosion (3.2.2)	<ul style="list-style-type: none"> *Continue implementation of plan reviews *Continue information and education initiatives 	<ul style="list-style-type: none"> *Development and implementation of County-wide Storm Water Runoff Ordinance
Village of Ephraim Stormwater/ Construction Site Erosion Ordinance (3.2.3)	<ul style="list-style-type: none"> *Continue implementation of technical assistance as requested and within the means of available resources 	
Nonmetallic Mining Management & Reclamation (3.2.4)	<ul style="list-style-type: none"> *Review and ensure compliance with all approved plans and permit applications 	<ul style="list-style-type: none"> * Review the efficiency and effectiveness of the ordinance *Ensure adequate financial assurance for implementation of all approved reclamation plans
Soil Erosion Control on County Projects (3.2.5)	<ul style="list-style-type: none"> *Continued efforts with other departments to control erosion on all county projects 	<ul style="list-style-type: none"> *Develop and adopt county policies
Well Abandonment Program (3.4)	<ul style="list-style-type: none"> *Continue implementation of voluntary program 	<ul style="list-style-type: none"> *Develop and propose County Zoning amendments
Wellhead Zone of Contribution Protection Programs (3.5)	<ul style="list-style-type: none"> *Assist the City of Sturgeon Bay with their Wellhead Protection Plan implementation; *Assist the Village of Sister Bay Wellhead Protection Plan implementation 	<ul style="list-style-type: none"> *Assist the Village of Maplewood with delineation of ZOC and development of a Wellhead Protection Plan
Resource Management Assistance to the Public and other Municipalities (3.6)	<ul style="list-style-type: none"> *Immediate implementation of assistance as requested and within available resource means * Assistance with utilization of County Web Map tools 	<ul style="list-style-type: none"> *Technical assistance through promotion of the Greenprint model

PROGRAM	SHORT-TERM ACTIVITIES (High Priority Activities) 2016 – 2017	LONG-TERM ACTIVITIES
Research Assistance (3.6.3)	<ul style="list-style-type: none"> *Continue assistance as requested and within available resource means *Development of a Dunes Lake friends group to assist with implementation of Best Management Practices identified in the Dunes Lake Watershed study *Implementation of the Fish Creek monitoring and contamination identification study 	<ul style="list-style-type: none"> *Continue technical assistance for future studies *Continue to seek grant funding for future studies
Water Pollution Abatement Cost-Share Program (3.7)	<ul style="list-style-type: none"> *Continue implementation *Seek grants to maximize potential funding for implementation of Agricultural Performance Standards and Prohibitions 	
Lead & Arsenic Contamination (3.8.6)	<ul style="list-style-type: none"> *Continue to provide technical assistance as requested and within available resource means 	
Information and Education (3.9)	<ul style="list-style-type: none"> *Continue implementation for all applicable programs by staff depending on specific program responsibilities 	

Resource Goal: Surface Water Protection

Upper Door Priority Watershed (3.1.2)	<ul style="list-style-type: none"> * Continue to ensure compliance for all landowners under Operation and Maintenance requirements 	<ul style="list-style-type: none"> *Inventory status of compliance with statewide standards and prohibitions through selection of priority farms and cropland for 100% of agriculture-related parcels
Red River/Sturgeon Bay Priority Watershed (3.1.3)	<ul style="list-style-type: none"> * Continue to ensure compliance for all landowners under Operation and Maintenance requirements * Utilize 319 funding source due to 9 key element plan approval until 2017 	<ul style="list-style-type: none"> *Inventory status of compliance with statewide standards and prohibitions through selection of priority farms and cropland for 100% of agriculture-related parcels
Working Lands Initiative (3.1.4)	<ul style="list-style-type: none"> *Continue implementation - compliance certification for all participants claiming tax credits 	<ul style="list-style-type: none"> * Assist Planning Department with approved Farmland Preservation Plan if additional program requirements are needed

<i>PROGRAM</i>	<i>SHORT-TERM ACTIVITIES (High Priority Activities) 2016 – 2017</i>	<i>LONG-TERM ACTIVITIES</i>
Nutrient Management Program (3.1.5)	<ul style="list-style-type: none"> *Continue implementation through the utilization of the county-wide geographic prioritization *Educational workshops for farmers and crop consultants *Informational newsletters to farmers county-wide *Seek grants for the continued implementation of nutrient management *As a follow-up to the disappointing findings of the 2014 NMP audit increased emphasis will be placed on the ongoing evaluation of the quality of the preparation of nutrient management plans and implementation. Evaluation findings will be shared with producers, cropland landlords/landowners and consultants requiring compliance with appropriate standards. 	<ul style="list-style-type: none"> *Compliance for all cropland *Ensure continued compliance with the NRCS 590 Standard through GIS tracking *Continued information and education initiative *Seek grants for the continued implementation of nutrient management *Continue efforts to eliminate all winter spreading in high hazard areas
NR 243 - Animal Feeding Operations (3.1.6)	<ul style="list-style-type: none"> *Provide technical assistance to all landowners to meet WPDES permit requirements *Provide technical assistance to all landowners that have been issued NODs *Seek NOD grants for the implementation and continued compliance with Agricultural Performance Standards and Prohibitions 	<ul style="list-style-type: none"> *Ensure all participants are compliant with Agricultural Performance Standards and Prohibitions *Continue to seek NOD grants for the implementation and continued compliance with Agricultural Performance Standards and Prohibitions
Targeted Runoff Management Program (3.1.7)	<ul style="list-style-type: none"> *Implement current grants to install necessary BMPs to meet water quality goals for all awarded projects *Immediate implementation through the utilization of the strategy for identification of priority farms to select all potential grants 	<ul style="list-style-type: none"> *Continue to seek grants to maximize potential funding for implementation of Agricultural Performance Standards and Prohibitions

PROGRAM	SHORT-TERM ACTIVITIES (High Priority Activities) 2016 – 2017	LONG-TERM ACTIVITIES
Implementation of Agricultural Standards & Prohibitions (Identification of Priority Farms) (3.1.8 & 3.1.9)	<ul style="list-style-type: none"> *Continue implementation through the utilization of the strategy for identification of priority farms and cropland *Continue ensuring compliance with Agricultural Performance Standards and Animal Waste Storage Ordinance on all farms in the Working Lands Initiative *As a follow-up to the disappointing findings of the 2014 NMP audit increased emphasis will be placed on the ongoing evaluation of the quality of the preparation of nutrient management plans and implementation. Evaluation findings will be shared with producers, cropland landlords/landowners and consultants requiring compliance with appropriate standards. 	<ul style="list-style-type: none"> *Compliance for all agricultural operations *Maintain tracking of status for all ag-related parcels *Review the efficiency and effectiveness of the Agricultural Performance Standards and Animal Waste Storage Ordinance
Stormwater Runoff Management & Construction Site Erosion (3.2.2)	<ul style="list-style-type: none"> *Continue implementation of plan reviews *Continue information and education initiatives 	<ul style="list-style-type: none"> *Development and implementation of County-wide Storm Water Runoff Ordinance
Village of Ephraim Stormwater/ Construction Site Erosion Ordinance (3.2.3)	<ul style="list-style-type: none"> *Immediate implementation of technical assistance as requested and within the means of available resources 	
Nonmetallic Mining Management & Reclamation (3.2.4)	<ul style="list-style-type: none"> *Review and ensure compliance with all approved plans and permit applications 	<ul style="list-style-type: none"> * Review the efficiency and effectiveness of the ordinance *Ensure adequate financial assurance for implementation of all approved reclamation plans
Soil Erosion Control on County Projects (3.2.5)	<ul style="list-style-type: none"> *Continued efforts with other departments to control erosion on all county projects 	<ul style="list-style-type: none"> *Develop and adopt county policies
Beach Contamination Reduction Program (3.3.2)	<ul style="list-style-type: none"> * *Monitor effectiveness of installed practices at the 12 beach improvement projects where BMPs were installed *Increase information and education efforts on storm-water runoff, discharge and beach contamination reduction practices 	<ul style="list-style-type: none"> *Complete the implementation of best management practices at remaining beaches in the county *Review sampling protocol and continue multiple agency cooperation *Continue to seek funding for identification and remediation projects at other public access locations within the county
Resource Management Assistance to the Public and other Municipalities (3.6)	<ul style="list-style-type: none"> *Immediate implementation of assistance as requested and within available resource means * Assistance with utilization of County Web Map tools 	<ul style="list-style-type: none"> *Technical assistance through promotion of the Greenprint model

PROGRAM	SHORT-TERM ACTIVITIES (High Priority Activities) 2016 – 2017	LONG-TERM ACTIVITIES
Research Assistance (3.6.3)	<ul style="list-style-type: none"> *Continue assistance as requested and within available resource means *Development of a Dunes Lake friends group to assist with implementation of Best Management Practices identified in the Dunes Lake Watershed study *Implementation of the Fish Creek monitoring and contamination identification study 	<ul style="list-style-type: none"> *Continue technical assistance for future studies *Continue to seek grant funding for future studies
Water Pollution Abatement Cost-Share Program (3.7)	<ul style="list-style-type: none"> *Continue implementation *Seek grants to maximize potential funding for implementation of Agricultural Performance Standards and Prohibitions 	
Information and Education (3.9)	<ul style="list-style-type: none"> *Continue implementation for all applicable programs by staff depending on specific program responsibilities 	
Resource Goal: Impacts of Development on Natural Resources		
Working Lands Initiative (3.1.4)	<ul style="list-style-type: none"> *Continue implementation - compliance certification for all participants claiming tax credits 	<ul style="list-style-type: none"> * Assist Planning Department with approved Farmland Preservation Plan if additional program requirements are needed
Stormwater Runoff Management & Construction Site Erosion (3.2.2)	<ul style="list-style-type: none"> *Continue implementation of plan reviews *Continue information and education initiatives 	<ul style="list-style-type: none"> *Development and implementation of County-wide Storm Water Runoff Ordinance
Village of Ephraim Stormwater/Construction Site Erosion Ordinance (3.2.3)	<ul style="list-style-type: none"> *Immediate implementation of technical assistance as requested and within the means of available resources 	
Soil Erosion Control on County Projects (3.2.5)	<ul style="list-style-type: none"> *Continued efforts with other departments to control erosion 	<ul style="list-style-type: none"> *Develop and adopt county policies
Beach Contamination Reduction Program (3.3.2)	<ul style="list-style-type: none"> *Monitor effectiveness of installed practices at the 12 beach improvement projects where BMPs were installed *Increase information and education efforts on storm-water runoff, discharge and beach contamination reduction practices 	<ul style="list-style-type: none"> *Complete the implementation of best management practices at remaining beaches in the county *Review sampling protocol and continue multiple agency cooperation *Continue to seek funding for identification and remediation projects at other public access locations within the county
Well Abandonment Program (3.4)	<ul style="list-style-type: none"> *Immediate implementation of voluntary program 	<ul style="list-style-type: none"> *Develop and propose County Zoning amendments
Wellhead Zone of Contribution Protection Programs (3.5)	<ul style="list-style-type: none"> *Assist the City of Sturgeon Bay with their Wellhead Protection Plan implementation; *Assist the Village of Sister Bay Wellhead Protection Plan implementation 	<ul style="list-style-type: none"> *Assist the Village of Maplewood with delineation of ZOC and development of a Wellhead Protection Plan

PROGRAM	SHORT-TERM ACTIVITIES (High Priority Activities) 2016 – 2017	LONG-TERM ACTIVITIES
Resource Management Assistance to the Public and other Municipalities (3.6)	*Immediate implementation of assistance as requested and within available resource means * Assistance with utilization of County Web Map tools	*Technical assistance through promotion of the Greenprint model
Research Assistance (3.6.3)	*Continue assistance as requested and within available resource means *Development of a Dunes Lake friends group to assist with implementation of Best Management Practices identified in the Dunes Lake Watershed study *Implementation of the Fish Creek monitoring and contamination identification study	*Continue technical assistance for future studies *Continue to seek grant funding for future studies
Water Pollution Abatement Cost-Share Program (3.7)	*Continue implementation *Seek grants to maximize potential funding for implementation of Agricultural Performance Standards and Prohibitions	
Tree Sales and Planting Program (3.8.1)	*Continue implementation though current demand for tree planting is out-weighted by the need for farmland and previous success of past tree planting efforts	
Information and Education (3.9)	*Continue implementation for all applicable programs by staff depending on specific program responsibilities	
Resource Goal: Human Waste Management		
Resource Management Assistance to the Public and other Municipalities (3.6)	*Immediate implementation of assistance as requested and within available resource means * Utilization of County Web Map tools	*Technical assistance through promotion of the Greenprint model
Research Assistance (3.6.3)	*Continue assistance as requested and within available resource means *Development of a Dunes Lake monitoring and contaminant identification study *Implementation of the Clarks Lake monitoring and contamination identification study	*Continue technical assistance for future studies *Continue to seek grant funding for future studies
Information and Education (3.9)	*Continue implementation for all applicable programs by staff depending on specific program responsibilities	

<i>PROGRAM</i>	<i>SHORT-TERM ACTIVITIES (High Priority Activities) 2016 – 2017</i>	<i>LONG-TERM ACTIVITIES</i>
Resource Goal: Animal Waste Management		
Upper Door Priority Watershed (3.1.2)	* Continue to ensure compliance for all landowners under Operation and Maintenance requirements	*Inventory status of compliance with statewide standards and prohibitions through selection of priority farms and cropland for 100% of agriculture-related parcels
Red River/Sturgeon Bay Priority Watershed (3.1.3)	* Continue to ensure compliance for all landowners under Operation and Maintenance requirements * Utilize 319 funding source due to 9 key element plan approval until 2017	*Inventory status of compliance with statewide standards and prohibitions through selection of priority farms and cropland for 100% of agriculture-related parcels
Working Lands Initiative (3.1.4)	*Continue implementation - compliance certification for all participants claiming tax credits	* Assist Planning Department with approved Farmland Preservation Plan if additional program requirements are needed
Nutrient Management Program (3.1.5)	*Continue implementation through the utilization of the county-wide geographic prioritization *Educational workshops for farmers and crop consultants *Informational newsletters to farmers county-wide *Seek grants for the continued implementation of nutrient management *As a follow-up to the disappointing findings of the 2014 NMP audit increased emphasis will be placed on the ongoing evaluation of the quality of the preparation of nutrient management plans and implementation. Evaluation findings will be shared with producers, cropland landlords/landowners and consultants requiring compliance with appropriate standards.	*Compliance for all cropland *Ensure continued compliance with the NRCS 590 Standard through GIS tracking *Continued information and education initiative *Seek grants for the continued implementation of nutrient management *Continue efforts to eliminate all winter spreading in high hazard areas
NR 243 - Animal Feeding Operations (3.1.6)	*Provide technical assistance to all landowners to meet WPDES permit requirements *Provide technical assistance to all landowners that have been issued NODs *Seek NOD grants for the implementation and continued compliance with Agricultural Performance Standards and Prohibitions	*Ensure all participants are compliant with Agricultural Performance Standards and Prohibitions *Continue to seek NOD grants for the implementation and continued compliance with Agricultural Performance Standards and Prohibitions

PROGRAM	SHORT-TERM ACTIVITIES (High Priority Activities) 2016 – 2017	LONG-TERM ACTIVITIES
Targeted Runoff Management Program (3.1.7)	<ul style="list-style-type: none"> *Implement current grants to install necessary BMPs to meet water quality goals for all awarded projects *Immediate implementation through the utilization of the strategy for identification of priority farms to select all potential grants 	<ul style="list-style-type: none"> *Continue to seek grants to maximize potential funding for implementation of Agricultural Performance Standards and Prohibitions
Implementation of Agricultural Standards & Prohibitions (Identification of Priority Farms) (3.1.8 & 3.1.9)	<ul style="list-style-type: none"> *Continue implementation through the utilization of the strategy for identification of priority farms and cropland *Continue ensuring compliance with Agricultural Performance Standards and Animal Waste Storage Ordinance on all farms in the Working Lands Initiative *As a follow-up to the disappointing findings of the 2014 NMP audit increased emphasis will be placed on the ongoing evaluation of the quality of the preparation of nutrient management plans and implementation. Evaluation findings will be shared with producers, cropland landlords/landowners and consultants requiring compliance with appropriate standards. 	<ul style="list-style-type: none"> *Compliance for all agricultural operations *Maintain tracking of status for all ag-related parcels *Review the efficiency and effectiveness of the Agricultural Performance Standards and Animal Waste Storage Ordinance
Wellhead Zone of Contribution Protection Programs (3.5)	<ul style="list-style-type: none"> *Assist the City of Sturgeon Bay with their Wellhead Protection Plan implementation; *Assist the Village of Sister Bay Wellhead Protection Plan implementation 	<ul style="list-style-type: none"> *Assist the Village of Maplewood with delineation of ZOC and development of a Wellhead Protection Plan
Resource Management Assistance to the Public and other Municipalities (3.6)	<ul style="list-style-type: none"> *Immediate implementation of assistance as requested and within available resource means * Assistance with utilization of County Web Map tools 	<ul style="list-style-type: none"> *Technical assistance through promotion of the Greenprint model
Research Assistance (3.6.3)	<ul style="list-style-type: none"> *Continue assistance as requested and within available resource means *Development of a Dunes Lake friends group to assist with implementation of Best Management Practices identified in the Dunes Lake Watershed study *Implementation of the Fish Creek monitoring and contamination identification study 	<ul style="list-style-type: none"> *Continue technical assistance for future studies *Continue to seek grant funding for future studies
Water Pollution Abatement Cost-Share Program (3.7)	<ul style="list-style-type: none"> *Continue implementation *Seek grants to maximize potential funding for implementation of Agricultural Performance Standards and Prohibitions 	

PROGRAM	SHORT-TERM ACTIVITIES (High Priority Activities) 2016 – 2017	LONG-TERM ACTIVITIES
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Information and Education (3.9)	*Continue implementation for all applicable programs by staff depending on specific program responsibilities	
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Resource Goal: Stormwater Management

Stormwater Runoff Management & Construction Site Erosion (3.2.2)	Continue implementation of plan reviews *Continue information and education initiatives	*Development and implementation of County-wide Storm Water Runoff Ordinance
Village of Ephraim Stormwater/ Construction Site Erosion Ordinance (3.2.3)	*Immediate implementation of technical assistance as requested and within the means of available resources	
Nonmetallic Mining Management & Reclamation (3.2.4)	*Review and ensure compliance with approved plans	* Review the efficiency and effectiveness of the ordinance *Ensure adequate financial assurance for implementation of approved reclamation plans
Resource Management Assistance to the Public and other Municipalities (3.6)	*Immediate implementation of assistance as requested and within available resource means * Assistance with utilization of County Web Map tools	*Technical assistance through promotion of the Greenprint model
Research Assistance (3.6.3)	*Continue assistance as requested and within available resource means *Development of a Dunes Lake friends group to assist with implementation of Best Management Practices identified in the Dunes Lake Watershed study *Implementation of the Fish Creek monitoring and contamination identification study	*Continue technical assistance for future studies *Continue to seek grant funding for future studies
Water Pollution Abatement Cost-Share Program (3.7)	*Continue implementation *Seek grants to maximize potential funding for implementation of Agricultural Performance Standards and Prohibitions	
Information and Education (3.9)	*Continue implementation for all applicable programs by staff depending on specific program responsibilities	

Resource Goal: Soil Erosion Control; Agricultural and Construction Site

Upper Door Priority Watershed (3.1.2)	* Continue to ensure compliance for all landowners under Operation and Maintenance requirements	*Inventory status of compliance with statewide standards and prohibitions through selection of priority farms and cropland for 100% of agriculture-related parcels
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PROGRAM	SHORT-TERM ACTIVITIES (High Priority Activities) 2016 – 2017	LONG-TERM ACTIVITIES
Red River/Sturgeon Bay Priority Watershed (3.1.3)	<ul style="list-style-type: none"> * Continue to ensure compliance for all landowners under Operation and Maintenance requirements * Utilize 319 funding source due to 9 key element plan approval until 2017 	*Inventory status of compliance with statewide standards and prohibitions through selection of priority farms and cropland for 100% of agriculture-related parcels
Working Lands Initiative (3.1.4)	*Continue implementation - compliance certification for all participants claiming tax credits	* Assist Planning Department with approved Farmland Preservation Plan if additional program requirements are needed.
Nutrient Management Program (3.1.5)	<ul style="list-style-type: none"> *Continue implementation through the utilization of the county-wide geographic prioritization *Educational workshops for farmers and crop consultants *Informational newsletters to farmers county-wide *Seek grants for the continued implementation of nutrient management *As a follow-up to the disappointing findings of the 2014 NMP audit increased emphasis will be placed on the ongoing evaluation of the quality of the preparation of nutrient management plans and implementation. Evaluation findings will be shared with producers, cropland landlords/landowners and consultants requiring compliance with appropriate standards. 	<ul style="list-style-type: none"> *Compliance for all cropland *Ensure continued compliance with the NRCS 590 Standard through GIS tracking *Continued information and education initiative *Seek grants for the continued implementation of nutrient management *Continue efforts to eliminate all winter spreading in high hazard areas
NR 243 - Animal Feeding Operations (3.1.6)	<ul style="list-style-type: none"> *Provide technical assistance to all landowners to meet WPDES permit requirements *Provide technical assistance to all landowners that have been issued NODs *Seek NOD grants for the implementation and continued compliance with Agricultural Performance Standards and Prohibitions 	<ul style="list-style-type: none"> *Ensure all participants are compliant with Agricultural Performance Standards and Prohibitions *Continue to seek NOD grants for the implementation and continued compliance with Agricultural Performance Standards and Prohibitions
Targeted Runoff Management Program (3.1.7)	<ul style="list-style-type: none"> *Implement current grants to install necessary BMPs to meet water quality goals for all awarded projects *Immediate implementation through the utilization of the strategy for identification of priority farms to select all potential grants 	*Continue to seek grants to maximize potential funding for implementation of Agricultural Performance Standards and Prohibitions

PROGRAM	SHORT-TERM ACTIVITIES (High Priority Activities) 2016 – 2017	LONG-TERM ACTIVITIES
Implementation of Agricultural Standards & Prohibitions (Identification of Priority Farms) (3.1.8 & 3.1.9)	<ul style="list-style-type: none"> *Continue implementation through the utilization of the strategy for identification of priority farms and cropland *Continue ensuring compliance with Agricultural Performance Standards and Animal Waste Storage Ordinance on all farms in the Working Lands Initiative *As a follow-up to the disappointing findings of the 2014 NMP audit increased emphasis will be placed on the ongoing evaluation of the quality of the preparation of nutrient management plans and implementation. Evaluation findings will be shared with producers, cropland landlords/landowners and consultants requiring compliance with appropriate standards. 	<ul style="list-style-type: none"> *Compliance for all agricultural operations *Maintain tracking of status for all ag-related parcels *Review the efficiency and effectiveness of the Agricultural Performance Standards and Animal Waste Storage Ordinance
Stormwater Runoff Management & Construction Site Erosion (3.2.2)	<ul style="list-style-type: none"> *Continue implementation of plan reviews *Continue information and education initiatives 	<ul style="list-style-type: none"> *Development and implementation of County-wide Storm Water Runoff Ordinance
Village of Ephraim Stormwater/ Construction Site Erosion Ordinance (3.2.3)	<ul style="list-style-type: none"> *Immediate implementation of technical assistance as requested and within the means of available resources 	
Nonmetallic Mining Management & Reclamation (3.2.4)	<ul style="list-style-type: none"> *Review and ensure compliance with all approved plans and permit applications 	<ul style="list-style-type: none"> * Review the efficiency and effectiveness of the ordinance *Ensure adequate financial assurance for implementation of all approved reclamation plans
Soil Erosion Control on County Projects (3.2.5)	<ul style="list-style-type: none"> *Continued efforts with other departments to control erosion 	<ul style="list-style-type: none"> *Develop and adopt county policies
Wellhead Zone of Contribution Protection Programs (3.5)	<ul style="list-style-type: none"> *Assist the City of Sturgeon Bay with their Wellhead Protection Plan implementation; *Assist the Village of Sister Bay Wellhead Protection Plan implementation 	<ul style="list-style-type: none"> *Assist the Village of Maplewood with delineation of ZOC and development of a Wellhead Protection Plan
Resource Management Assistance to the Public and other Municipalities (3.6)	<ul style="list-style-type: none"> *Immediate implementation of assistance as requested and within available resource means * Assistance with utilization of County Web Map tools 	<ul style="list-style-type: none"> *Technical assistance through promotion of the Greenprint model
Research Assistance (3.6.3)	<ul style="list-style-type: none"> *Continue assistance as requested and within available resource means *Development of a Dunes Lake friends group to assist with implementation of Best Management Practices identified in the Dunes Lake Watershed study *Implementation of the Fish Creek monitoring and contamination identification study 	<ul style="list-style-type: none"> *Continue technical assistance for future studies *Continue to seek grant funding for future studies

PROGRAM	SHORT-TERM ACTIVITIES (High Priority Activities) 2016 – 2017	LONG-TERM ACTIVITIES
Water Pollution Abatement Cost-Share Program (3.7)	*Continue implementation *Seek grants to maximize potential funding for implementation of Agricultural Performance Standards and Prohibitions	
Tree Sales and Planting Program (3.8.1)	*Continue implementation though current demand for tree planting is out-weighted by the need for farmland and previous success of past tree planting efforts	
Information and Education (3.9)	*Continue implementation for all applicable programs by staff depending on specific program responsibilities	

PROGRAM	SHORT-TERM ACTIVITIES (High Priority Activities) 2016 – 2017	LONG-TERM ACTIVITIES
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Resource Goal: Non-Metallic Mine Reclamation

Nonmetallic Mining Management & Reclamation (3.2.4)	*Review and ensure compliance with all approved plans and permit applications	* Review the efficiency and effectiveness of the ordinance *Ensure adequate financial assurance for implementation of all approved reclamation plans
Resource Management Assistance to the Public and other Municipalities (3.6)	*Immediate implementation of assistance as requested and within available resource means * Assistance with utilization of County Web Map tools	*Technical assistance through promotion of the Greenprint model
Research Assistance (3.6.3)	*Continue assistance as requested and within available resource means *Development of a Dunes Lake friends group to assist with implementation of Best Management Practices identified in the Dunes Lake Watershed study *Implementation of the Fish Creek monitoring and contamination identification study	*Continue technical assistance for future studies *Continue to seek grant funding for future studies
Information and Education (3.9)	*Continue implementation for all applicable programs by staff depending on specific program responsibilities	

PROGRAM	SHORT-TERM ACTIVITIES (High Priority Activities) 2016 – 2017	LONG-TERM ACTIVITIES
Resource Goal: Invasive Species		
Resource Management Assistance to the Public and other Municipalities (3.6)	<ul style="list-style-type: none"> *Immediate implementation of assistance as requested and within available resource means * Assistance with utilization of County Web Map tools 	<ul style="list-style-type: none"> *Technical assistance through promotion of the Greenprint model
Research Assistance (3.6.3)	<ul style="list-style-type: none"> *Continue assistance as requested and within available resource means *Development of a Dunes Lake friends group to assist with implementation of Best Management Practices identified in the Dunes Lake Watershed study *Implementation of the Fish Creek monitoring and contamination identification study 	<ul style="list-style-type: none"> *Continue technical assistance for future studies *Continue to seek grant funding for future studies
Aggressive Invasive Non-Indigenous Species Control (3.8.5)	<ul style="list-style-type: none"> *Continued implementation of aquatic and terrestrial invasive species control efforts for all inventoried sites *Continued role in DCIST and relationship with coordinator 	<ul style="list-style-type: none"> *Seek additional funding for terrestrial and aquatic species control and education efforts *Seek additional funding for personnel to increase SWCD responsibility
Information and Education (3.9)	<ul style="list-style-type: none"> *Continue implementation for all applicable programs by staff depending on specific program responsibilities 	
Resource Goal: Beach Contamination		
Targeted Runoff Management Program (3.1.7)	<ul style="list-style-type: none"> *Implement current grants to install necessary BMPs to meet water quality goals for all awarded projects *Immediate implementation through the utilization of the strategy for identification of priority farms to select all potential grants 	<ul style="list-style-type: none"> *Continue to seek grants to maximize potential funding for implementation of Agricultural Performance Standards and Prohibitions
Stormwater Runoff Management & Construction Site Erosion (3.2.2)	<ul style="list-style-type: none"> *Continue implementation of plan reviews *Continue information and education initiatives 	<ul style="list-style-type: none"> *Development and implementation of County-wide Storm Water Runoff Ordinance
Beach Contamination Reduction Program (3.3.2)	<ul style="list-style-type: none"> *Monitor effectiveness of installed practices at 12 beach improvement projects where BMPs were installed *Increase information and education efforts on storm-water runoff, discharge and beach contamination reduction practices 	<ul style="list-style-type: none"> *Complete the implementation of best management practices at remaining beaches in the county *Review sampling protocol and continue multiple agency cooperation *Continue to seek funding for identification and remediation projects

PROGRAM	SHORT-TERM ACTIVITIES (High Priority Activities) 2016 – 2017	LONG-TERM ACTIVITIES
Resource Management Assistance to the Public and other Municipalities (3.6)	<ul style="list-style-type: none"> *Immediate implementation of assistance as requested and within available resource means * Assistance with utilization of County Web Map tools 	<ul style="list-style-type: none"> *Technical assistance through promotion of the Greenprint model
Research Assistance (3.6.3)	<ul style="list-style-type: none"> *Continue assistance as requested and within available resource means *Development of a Dunes Lake friends group to assist with implementation of Best Management Practices identified in the Dunes Lake Watershed study *Implementation of the Fish Creek monitoring and contamination identification study 	<ul style="list-style-type: none"> *Continue technical assistance for future studies *Continue to seek grant funding for future studies
Water Pollution Abatement Cost-Share Program (3.7)	<ul style="list-style-type: none"> *Continue implementation *Seek grants to maximize potential funding for implementation of Agricultural Performance Standards and Prohibitions 	
Information and Education (3.9)	<ul style="list-style-type: none"> *Continue implementation for all applicable programs by staff depending on specific program responsibilities 	

Resource Goal: Agricultural Land Protection

Working Lands Initiative (3.1.4)	<ul style="list-style-type: none"> *Continue implementation - compliance certification for all participants claiming tax credits 	<ul style="list-style-type: none"> * Assist Planning Department with approved Farmland Preservation Plan if additional program requirements are needed
Nutrient Management Program (3.1.5)	<ul style="list-style-type: none"> *Continue implementation through the utilization of the county-wide geographic prioritization *Educational workshops for farmers and crop consultants *Informational newsletters to farmers county-wide *Seek grants for the continued implementation of nutrient management *As a follow-up to the disappointing findings of the 2014 NMP audit increased emphasis will be placed on the ongoing evaluation of the quality of the preparation of nutrient management plans and implementation. Evaluation findings will be shared with producers, cropland landlords/landowners and consultants requiring compliance with appropriate standards. 	<ul style="list-style-type: none"> *Compliance for all cropland *Ensure continued compliance with the NRCS 590 Standard through GIS tracking *Continued information and education initiative *Seek grants for the continued implementation of nutrient management *Continue efforts to eliminate all winter spreading in high hazard areas

PROGRAM	SHORT-TERM ACTIVITIES (High Priority Activities) 2016 – 2017	LONG-TERM ACTIVITIES
Implementation of Agricultural Standards & Prohibitions (Identification of Priority Farms) (3.1.8 & 3.1.9)	<ul style="list-style-type: none"> *Continue implementation through the utilization of the strategy for identification of priority farms and cropland *Continue ensuring compliance with Agricultural Performance Standards and Animal Waste Storage Ordinance on all farms in the Working Lands Initiative *As a follow-up to the disappointing findings of the 2014 NMP audit increased emphasis will be placed on the ongoing evaluation of the quality of the preparation of nutrient management plans and implementation. Evaluation findings will be shared with producers, cropland landlords/landowners and consultants requiring compliance with appropriate standards. 	<ul style="list-style-type: none"> *Compliance for all agricultural operations *Maintain tracking of status for all ag-related parcels *Review the efficiency and effectiveness of the Agricultural Performance Standards and Animal Waste Storage Ordinance
Nonmetallic Mining Management & Reclamation (3.2.4)	<ul style="list-style-type: none"> *Review and ensure compliance with all approved plans and permit applications 	<ul style="list-style-type: none"> * Review the efficiency and effectiveness of the ordinance *Ensure adequate financial assurance for implementation of all approved reclamation plans
Resource Management Assistance to the Public and other Municipalities (3.6)	<ul style="list-style-type: none"> *Immediate implementation of assistance as requested and within available resource means * Assistance with utilization of County Web Map tools 	<ul style="list-style-type: none"> *Technical assistance through promotion of the Greenprint model
Research Assistance (3.6.3)	<ul style="list-style-type: none"> *Continue assistance as requested and within available resource means *Development of a Dunes Lake friends group to assist with implementation of Best Management Practices identified in the Dunes Lake Watershed study *Implementation of the Fish Creek monitoring and contamination identification study 	<ul style="list-style-type: none"> *Continue technical assistance for future studies *Continue to seek grant funding for future studies
Information and Education (3.9)	<ul style="list-style-type: none"> *Continue implementation for all applicable programs by staff depending on specific program responsibilities 	
Resource Goal: Lack of Education on and Awareness of Environmental Issues and Sustainable Farming Practices		
Upper Door Priority Watershed (3.1.2)	<ul style="list-style-type: none"> * Continue to ensure compliance for all landowners under Operation and Maintenance requirements 	<ul style="list-style-type: none"> *Inventory status of compliance with statewide standards and prohibitions through selection of priority farms and cropland for 100% of agriculture-related parcels

PROGRAM	SHORT-TERM ACTIVITIES (High Priority Activities) 2016 – 2017	LONG-TERM ACTIVITIES
Red River/Sturgeon Bay Priority Watershed (3.1.3)	<ul style="list-style-type: none"> * Continue to ensure compliance for all landowners under Operation and Maintenance requirements * Utilize 319 funding source due to 9 key element plan approval until 2017 	<ul style="list-style-type: none"> *Inventory status of compliance with statewide standards and prohibitions through selection of priority farms and cropland for 100% of agriculture-related parcels
Working Lands Initiative (3.1.4)	<ul style="list-style-type: none"> *Continue implementation - compliance certification for all participants claiming tax credits 	<ul style="list-style-type: none"> * Assist Planning Department with approved Farmland Preservation Plan if additional program requirements are needed
Nutrient Management Program (3.1.5)	<ul style="list-style-type: none"> *Continue implementation through the utilization of the county-wide geographic prioritization *Educational workshops for farmers and crop consultants *Informational newsletters to farmers county-wide *Seek grants for the continued implementation of nutrient management *As a follow-up to the disappointing findings of the 2014 NMP audit increased emphasis will be placed on the ongoing evaluation of the quality of the preparation of nutrient management plans and implementation. Evaluation findings will be shared with producers, cropland landlords/landowners and consultants requiring compliance with appropriate standards. 	<ul style="list-style-type: none"> *Compliance for all cropland *Ensure continued compliance with the NRCS 590 Standard through GIS tracking *Continued information and education initiative *Seek grants for the continued implementation of nutrient management *Continue efforts to eliminate all winter spreading in high hazard areas
NR 243 - Animal Feeding Operations (3.1.6)	<ul style="list-style-type: none"> *Provide technical assistance to all landowners to meet WPDES permit requirements *Provide technical assistance to all landowners that have been issued NODs *Seek NOD grants for the implementation and continued compliance with Agricultural Performance Standards and Prohibitions 	<ul style="list-style-type: none"> *Ensure all participants are compliant with Agricultural Performance Standards and Prohibitions *Continue to seek NOD grants for the implementation and continued compliance with Agricultural Performance Standards and Prohibitions
Targeted Runoff Management Program (3.1.7)	<ul style="list-style-type: none"> *Implement current grants to install necessary BMPs to meet water quality goals for all awarded projects *Immediate implementation through the utilization of the strategy for identification of priority farms to select all potential grants 	<ul style="list-style-type: none"> *Continue to seek grants to maximize potential funding for implementation of Agricultural Performance Standards and Prohibitions

PROGRAM	SHORT-TERM ACTIVITIES (High Priority Activities) 2016 – 2017	LONG-TERM ACTIVITIES
Implementation of Agricultural Standards & Prohibitions (Identification of Priority Farms) (3.1.8 & 3.1.9)	<ul style="list-style-type: none"> *Continue implementation through the utilization of the strategy for identification of priority farms and cropland *Continue ensuring compliance with Agricultural Performance Standards and Animal Waste Storage Ordinance on all farms in the Working Lands Initiative *As a follow-up to the disappointing findings of the 2014 NMP audit increased emphasis will be placed on the ongoing evaluation of the quality of the preparation of nutrient management plans and implementation. Evaluation findings will be shared with producers, cropland landlords/landowners and consultants requiring compliance with appropriate standards. 	<ul style="list-style-type: none"> *Compliance for all agricultural operations *Maintain tracking of status for all ag-related parcels *Review the efficiency and effectiveness of the Agricultural Performance Standards and Animal Waste Storage Ordinance
Wellhead Zone of Contribution Protection Programs (3.5)	<ul style="list-style-type: none"> *Assist the City of Sturgeon Bay with their Wellhead Protection Plan implementation; *Assist the Village of Sister Bay Wellhead Protection Plan implementation 	<ul style="list-style-type: none"> *Assist the Village of Maplewood with delineation of ZOC and development of a Wellhead Protection Plan
Resource Management Assistance to the Public and other Municipalities (3.6)	<ul style="list-style-type: none"> *Immediate implementation of assistance as requested and within available resource means * Assistance with utilization of County Web Map tools 	<ul style="list-style-type: none"> *Technical assistance through promotion of the Greenprint model
Research Assistance (3.6.3)	<ul style="list-style-type: none"> *Continue assistance as requested and within available resource means *Development of a Dunes Lake friends group to assist with implementation of Best Management Practices identified in the Dunes Lake Watershed study *Implementation of the Fish Creek monitoring and contamination identification study 	<ul style="list-style-type: none"> *Continue technical assistance for future studies *Continue to seek grant funding for future studies
Water Pollution Abatement Cost-Share Program (3.7)	<ul style="list-style-type: none"> *Continue implementation *Seek grants to maximize potential funding for implementation of Agricultural Performance Standards and Prohibitions 	
Information and Education (3.9)	<ul style="list-style-type: none"> *Continue implementation for all applicable programs by staff depending on specific program responsibilities 	

5.2

Fiscal Management

Presently the operating budget of the SWCD is comprised of approximately 25% County appropriations and 75% outside grant funds. The 2015 SWCD budget is \$1,667,514 with anticipated revenue of \$1,255,537. County appropriations provide the funds for the core operations of the SWCD and a combination of long-term and annual grants provide additional support for the implementation of a host of supportive conservation and environmental protection efforts. Historically the majority of the funds included in the SWCD budget were cost-share funds to provide financial assistance directly to landowners for the installation of conservation best management practices. While cost-share funds still represent a significant portion of the overall budget the percentage has decreased considerably due to a programming transition from agricultural “hard” construction practices to “soft” field best management practices.

The fiscal support of the SWCD, from combinations of both County sources and outside grant funds, is anticipated to continue for the duration of the implementation of this plan. It is, and will remain, a necessity that the SWCD actively participate in the task of grant writing and application for the fiscal support of the program to implement the goals of the plan.

Required SWCD Budget 2015-2020 to Maintain Current Operations

	2014	2015	2016	2017	2018	2019	2020
Personnel	677,671	683,452	678,195	698,540	719,496	741,081	763,313
Cost-Share	832,935	836,600	182,000	187,460	193,084	198,877	204,843
Program/Operating	158,364	157,222	88,245	90,892	93,619	96,428	99,321
Total Budget	1,668,970	1,677,274	948,440	976,892	1,006,199	1,036,386	1,067,477

The “Required SWCD Budget 2016-2020 to Maintain Current Operations” in the table above is based on the existing budget for the Door County Soil and Water Conservation Department for the year 2016. Unknown future State funding and restricted County tax levy support due to limitations placed upon the county taxing ability make actual budget projections beyond 2016 would be tenuous if not impossible.

The figures represented in the Table are nothing more than projections beyond 2016 and are based on the 2016 budget to establish what would be required for subsequent years to maintain existing staffing and capabilities. The source of the funds for the budget projections is unknown. The required budget projections should not be confused with anticipated budgets for programs.

In preparing annual budgets, the SWCD does, and will, utilize all multiple funding sources available to maintain the staffing, cost sharing and operating costs necessary to address the goals and objectives of its programs vital to protection of Door County’s natural resources.

A significant funding need, required to implement the agricultural nonpoint performance standards and manure management prohibitions, is the availability of cost-share funds. Landowners that have operations in existence prior to October 1, 2002 cannot be required to meet the standards and prohibitions unless cost-share funds are available to defray their costs. Accordingly, the success of the implementation of the nonpoint standards and prohibitions to protect the natural resources of Door County relies on the availability of supportive cost-share funding. It is anticipated that the cost-share needs will not be addressed by one source of funds, but rather by a combination of sources that will be dynamic and change from year to year. It will be a challenge to provide adequate cost-share funding to effectively implement the nonpoint standards and prohibitions Countywide with the condition that the landowner/operator need not comply unless such funds are available.

Adequate cost-share funding is not the only fiscal need of the SWCD to implement the goals and objectives of this plan. Administrative costs, (personnel, equipment, supplies, training, travel and other related items), support the necessary technical service assistance to the public from the SWCD as they manage the natural resources on their land whether through a voluntary or regulatory program. Presently, and in the future, the funding for the administrative costs of implementing the conservation and environmental goals and programs of the plan will draw upon a variety of sources. Similar to the revenue sources for cost-share funds the administrative revenue sources will also be both County appropriations and grant funds. Likewise, the revenue sources for administrative costs will be dynamic and change from year to year.

The SWCD presently has personnel staff comprised of seven full-time professional conservationists, one Administrative Assistant position and one or two limited term employee(s) totaling available annual hours of 17,838. In addition, to the County employed staff, the SWCD also annually contracts with Independent Contractors to complete short term and/or specialized tasks. It is anticipated that the current available staff hours will be constant through 2016. No significant budget modification in expenditures or revenue from 2016 to 2017 is anticipated. The implementation of some of the yet to be identified long-term work tasks may require additional administrative support but not during 2016. Due to the nature of the summary and the work plan's approach of developing long-term solutions during the short-term work tasks, it is not possible to estimate future administrative needs, or costs, at this time. However, a need for additional administrative support is not anticipated to implement the short-term work tasks

CORRESPONDENCE/MEMORANDUM _____ STATE OF WISCONSIN

DATE: February 27, 2012

TO: County Land Conservation Committees and Departments

FROM: Land and Water Conservation Board

SUBJECT: Final guidance on additional criteria for recommending approval of land and water resource management plans including requirements to secure 10-year approvals and 5-year extensions

Summary

The Land and Water Conservation Board (LWCB) provides this additional guidance for counties to secure a recommendation of approval of their Land and Water Resource Management (LWRM) plans. Applicable to all LWRM plans that are presented beginning February 27, 2012, this guidance requires that counties: (1) use better measures of anticipated county performance required in LWRM plans and work plans, and more clearly define high priority farm strategies, (2) meet standards for a 10 year approval of LWRM plans, including alternatives if counties fail to meet these standards, (3) undergo LWCB review at the 5 year mark if they have plans approved for 10 years, and (4) undergo LWCB review if they are seeking a 5 year extension of plans initially approved for 5 years. The guidance also describes the reporting and review process that will be used in the case of plans approved for a 10 year period and 5 year extensions for plans approved only for 5 years.

Background

When adopted in 2002, ATCP 50.12 ushered in new requirements for approval of county LWRM Plans including a provision that plans can be approved “for a specified period of time that shall not exceed 5 years, subject to conditions that the department specifies in the order.”

In 2004, members of the LWCB and DATCP staff evaluated plans submitted under these new rules. The purpose of the evaluation was to identify planning requirements that needed clarification and develop a set of recommendations to ensure that county plans were thoroughly and fairly evaluated. The recommendations to improve work plans included requirements that the county set priorities for goals, objectives and activities, and specify anticipated outcomes for high priority activities using measurable benchmarks (e.g. nutrient management plans covering 25,000 acres, 25 farmers trained, streams reclassified to a higher use, etc.). In addition, the Board recommended that counties identify priority farms using a systematic approach that focuses on geography (e.g. watersheds), resource issues (e.g. farms with high nutrient runoff) and other appropriate factors that enable counties to implement the performance standards and other high priority activities.

In August 2007, the Board revisited the questions about how counties were meeting required elements in LWRM plans. DATCP explained that 2004 recommendations created more consistency in plans and made plan review easier, but noted that counties still used various

approaches to meeting work plan requirements, particularly in the case of benchmarking priority activities. No further action was taken to address this issue. In managing this issue, DATCP plan reviewers continued to remain flexible in applying the recommendations to meet county needs while recognizing the intent of the recommendations.

At its June 3, 2008 meeting, the Board was asked to recognize the benefits of a 10 year plan horizon and to recommend a method for providing a 10 year approval of LWRM plans. A survey of the county LCDs indicated that counties wanted 10 year plans and were prepared to implement 10-year plan horizons. DATCP staff offered two options:

1. Have a county prepare a 10-year plan, and then grant a 5-year approval period with the understanding that the county could seek a 5-year extension to the approved plan.
2. Have a county prepare a 10-year plan, and then grant a 10-year approval, providing the authority to update the plan through a scaled-down formal process during the ten year approval period.

The Board considered the following reasons for adoption of the first option: (1) ATCP 50 currently only authorized DATCP to approve LWRM plans for 5 years, (2) this approach allowed counties the most flexibility, enabling counties that needed to make mid-course corrections an option to modify their plans and allowing those counties a simple process to extend their plans. Staff recommended counties seeking an extension be required to submit an updated work plan. The Board recommended the first option, allowing counties to write their LWRM plans for a 10-year period with a 5-year approval and a 5-year extension request.

From June 2008 to October 2011, the Board received plans with both 5 and 10 year planning horizons, and always recommended approval of plans for no more than 5 years, leaving open the option for counties to seek a 5 year extension to gain a 10 year approval. During this same period, DATCP continued to issue orders approving plans for 5 years, and included no reference in these orders to conditions upon which an extension would be granted.

Effective August 1, 2011, ATCP 50.12(5) was amended to allow DATCP to “approve a plan for a specified period of time that shall not exceed 10 years, subject to conditions that the department specifies in the order.” (Emphasis added)

At the October 4, 2011, LWCB meeting, the Board considered a 10 year approval of a plan prepared by Florence County for a 5 year horizon. After deliberation, the Board recommended a 5 year approval of the plan. By consensus, the Board agreed to put the question of 10 year plan approvals on its next agenda and asked for DATCP staff to provide input. At the same meeting the Board tabled two plans – for Oneida and Forest Counties – in order to allow these counties time to develop more specific, measurable benchmarks.

At its December 6, 2011 and February 7, 2012 meetings, the LWCB did the following: (1) established better measures of anticipated county performance required in LWRM plans and work plans, (2) clarified standards for a 10 year approval of LWRM plans, and alternatives for counties that fail to meet these standards, (3) defined the review and reporting process for the 5-year review of a LWRM plan approved for a 10 year period, and (4) set up a process and criteria

that counties with 5 year plan approvals may use to extend their approval for an additional 5 years.

Guidance

The developments described in the prior section provide the background for the Board's action in revising the criteria previously applied to its review of LWRM plans. The Board has organized these additional criteria under the following four headings.

I. Improve measures of anticipated county performance required in LWRM plans and work plans, and strengthen the requirements for priority farm strategies

To receive a LWCB recommendation of approval, all LWRM plan revisions, regardless of whether the approval is requested for 5 or 10 years, must:

1. Include specific, measurable benchmarks and targets for the following activities if appropriate for the county:
 - a. Implementation of performance standards for farms
 - b. Implementation of stormwater management and related urban standards
 - c. Farmland Preservation conservation compliance
 - d. Groundwater protection: quality and quantity
 - e. Permit and ordinance administration
 - f. Lake and stream protection (e.g. shoreline protected, invasive species management)
 - g. Watershed protection (e.g. Phosphorus reduction/trading, TMDL, Nitrogen management)
 - h. Program evaluation and monitoring
 - i. Spending of state cost-share funds
 - j. Forestry management
2. Use the attached template in preparing work plans in the following manner:
 - a. Describe planned activities using the examples in the template to develop measurable benchmarks of appropriate activities (these examples in the template—including benchmarks—were drawn from actual county work plans)
 - b. Use the format of the template to convey adequate information about the benchmarked activity including the objective, activities, responsible parties, timeframe, anticipated annual outcomes, and I & E tools.
3. Describe a priority farm strategy that is designed to effectively implement state performance standards and conservation practices on farms within the county, identifies the specific conditions such as cropland nutrient runoff that will be addressed, and provides an adequate framework to evaluate whether counties are making reasonable progress in implementing all high priority activities (including locally established priorities).

II. Establish standards for a 10 year approval of LWRM plans, and alternatives for counties that fail to meet these standards

No LWRM plan revision will be recommended for 10 year approval, unless the revised planning documents:

1. Have been developed with the intent to cover a 10 year planning horizon. The intent for a 10 year horizon may be evidenced by language in the planning documents satisfying one or more of the following:
 - a. The local advisory committee specifically considered this longer horizon when they made their recommendations
 - b. The planning documents make a reasonable attempt to identify and analyze resource needs for a period of at least 10 years into the future.
 - c. The planning documents make a reasonable attempt to forecast applicable trends for a period of at least 10 years into the future.
 - d. The planning documents make a reasonable attempt to identify existing and anticipated priorities, with the understanding that changes are likely within the 10 year planning period.
 - e. The plan describes the process for reviewing and updating objectives and activities during the 10 year period, including changes needed as a result of annual work planning and a five year review before the LWCB (see III and IV below).
2. Meet the requirements in section I above for benchmarking high priority activities and the description of the priority farm strategies, with the understanding that counties continue to submit updated work plans with their annual grant applications to reflect any changes in activities and priorities.

If a revised plan fails to meet the requirements for a 10 year approval, the LWCB will recommend approval of the plan for a 5 year period, with the option for the county to secure a 5 year extension of its LWRM plan.

III. Define county reporting requirements and scope of the LWCB 5-year review for counties with 10 year plan approvals

As part of its 5-year review of a county's LWRM plan with 10 year approval, the LWCB:

1. Will require that counties meet the following reporting obligations:
 - a. Discuss the reasons for setting the resource management outcomes identified in its LWRM plan.
 - b. Explain the relationship between its benchmarked activities and the resource management outcomes identified in its LWRM plan.
 - c. Explain how it will make sufficient incremental gains through its benchmarked activities to achieve reasonable progress in accomplishing its natural resource outcomes.

- d. Provide budgetary and other justifications to support the benchmarks it sets for implementing activities.
 - e. Describe how its priority farm strategy will be effective in implementing the performance standards and conservation practices on farms.
 - f. Provide a report describing its progress in meeting the specific, measurable benchmarks for the relevant activities over the last five years.
 - g. Describe how it carried out its priority farm strategy and the effectiveness of its actions implementing the performance standards and conservation practices on farms.
 - h. Describe the evaluation process it used to assess its implementation of its plan and make adjustments to account for unanticipated conditions.
2. Will perform the following functions as part of the Board's review process:
- a. Assess the validity of the county's benchmarking process in light of the conservation and other resource outcomes identified in county's LWRM plan and the resources available to the county.
 - b. Assess the effectiveness of the county's priority farm strategy in implementing the performance standards and conservation practices on farms.
 - c. Assess the adequacy of the county's progress implementing benchmarked and other activities over the last five years, including the effectiveness of the county's strategy in implementing the performance standards and conservation practices on farms.
 - d. Compare benchmarked activities and county implementation efforts in a systematic manner to assess overall performance.
 - e. Review the strengths and weaknesses of the county evaluation process used to assess the county's implementation of its plan and to make adjustments to account for unanticipated conditions.
 - f. Ensure that the county is actively managing its work plan to account for changes in conditions.
3. May take the following additional actions as part of Board's review:
- a. As part of a peer review process, assign another county or other conservation professional to help evaluate the performance of the county whose plan is up for review ("planning county").
 - b. Require the planning county to re-evaluate its planning process for setting outcomes and benchmarking activities.
 - c. Require the planning county, if appropriate, to prepare written revisions to parts of their planning documents to reflect the results of the review and better account for changed conditions.
 - d. Require the planning county to present follow-up reports after the scheduled five year review to the LWCB if needed to address unresolved concerns.

IV. Define county reporting requirements and scope of the LWCB review for counties seeking a 5 year extension of their 5-year LWRM plan approvals

Note: As a prerequisite of an extension request, counties must have a work plan that meets the newest benchmark requirements and a priority farm strategy that meets the newest Board requirements.

As part of its decision to grant a 5 year extension of a county's LWRM plan, the LWCB will:

1. Follow the same requirements outlined in III.1.a.-h. above.
2. Follow the same requirements outlined III.2a.-f. above.
3. Follow the same requirements outlined III.3.a.-d. above.
4. Add an additional requirement that the county board approve the 5 year extension.

Note: Separate from the above criteria for 5 year plan extensions, DATCP staff will continue to approve short-term extensions not to exceed 5 years to accommodate county needs including efforts to coordinate different planning activities (e.g. comprehensive planning, farmland preservation planning).

To receive a LWCB recommendation of approval, all LWRM plan revisions, regardless of whether the approval is requested for 5 or 10 years, must include specific, measurable benchmarks and targets for the following activities *if appropriate for the county*:

- a. [Implementation of performance standards for farms](#)
- b. [Implementation of stormwater management and related urban standards](#)
- c. [Farmland Preservation conservation compliance](#)
- d. [Groundwater Protection: Quantity and Quality](#)
- e. [Permit and ordinance administration](#)
- f. [Lake and stream protection \(e.g. shoreline protected, invasive species management\)](#)
- g. [Watershed protection \(e.g. Phosphorus reduction/trading, TMDL, Nitrogen management\)](#)
- h. [Program evaluation and monitoring](#)
- i. [Spending of state cost-share funds](#)
- j. [Forestry management](#)

Counties should use the following template and examples to meet the Board's expectations. The template provides the format for counties to document their planned activities and set benchmarks. In addition to setting anticipated annual outcomes, this format requires that counties include the following for each area where benchmarking is required: the overall objective, actions, key actors, timeframe, expected costs and I& E tools.

It is helpful to keep in mind that a county's goal defines the purpose towards which an endeavor is directed, while the objective is more specific than a goal, and should be measurable, specific, and clear. Even more specific are the actions or activities that explain what, who, how, and when.

Within this framework, counties will remain free to control the content of their work plans. The examples in the templates were taken from existing county LWRM plans. The examples are not meant to shoehorn local plan priorities, but serve to stimulate thought regarding how to develop and describe specific, measurable benchmarks that the county has determined are local priorities. Note that in these examples, **priorities are bolded**.

It might be valuable to consider whether a statement of desired outcomes would be helpful in the evaluation and review process, or to clarify to other potential funders what you are doing, how, and why.

a. [Implementation of performance standards for farms](#)

Protect and improve the quality of surface water resources						
Objectives	Actions	Who (Lead agency first)	When	Staff & other costs (LCD costs only)	Anticipated annual outcomes	I & E tools
Reduce sediment delivery by 1,500 tons and phosphorus delivery by 3,000 pounds annually. This is a priority item.	Conduct county-wide transect survey	LWCD	Annually	100 staff hours (\$4,000)	Transect survey completed [identifies erosion hot spots; can indicate year-to-year variations in erosion hot spot locations and amounts]	Publish results on LWCD Website
	Inventory FPP participant farms for conservation compliance	LWCD	Annually	1000 staff hours (\$40,000)	100 farms certified in compliance	LWCD Website UWEX
	Write conservation plans to "T"	LWCD, NRCS	Annually	1000 staff hours (\$40,000)	100 conservation plans written	LWCD Website UWEX
	Install agricultural BMPs to reduce soil erosion as identified	LWCD, NRCS, DNR, DATCP	Annually	1000 staff hours (\$40,000) \$200,000 cost-share	100% of cost-share funding available is spent in the county	LWCD Website NRCS standards
	Conduct farmer training nutrient management workshops	LWCD, DATCP, UWEX	Annually	100 staff hours (\$4,000)	30 farmers trained to write their own NM plans	LWCD Website UWEX
	Write nutrient management plans	LWCD, NRCS	Annually	100 staff hours (\$4,000) \$140,000 cost-share	NM plans written for 5,000 acres annually	LWCD UWEX
	Encourage CRP/CREP enrollment of sensitive lands	LWCD NRCS FSA UWEX	Annually	Staff costs included under Goal 1, Objective 1, Action 2	100 acres enrolled in CRP	LWCD Website
	Promote conservation practices that reduce sediment delivery to surface waters	LWCD NRCS	Annually	Staff costs included under Goal 1, Objective 1, Action 2	5 farmers convert to no-till; 5,000 new acres of residue management, 1,000 new acres under cover crop	LWCD Website NRCS UWEX

b. Implementation of stormwater management and related urban standards

Improve surface water quality by implementing erosion control and other stormwater management standards and practices						
Objectives	Actions	Who (Lead agency first)	When	Staff & other costs (LCD costs only)	Anticipated annual outcomes	I & E tools
Ensure erosion control and stormwater management standards are met	Implement Ch. 21, X County Ordinances	LWCD Zoning	Annually	1800 staff hours (\$72,000)	Review 10 plat plans, issue 600 erosion control permits and conduct 500 inspections/enforcement activities as per Ch. 21	LWCD Website
	Conduct workshops on Ch. 21 implementation	LWCD County Transportation Department	Annually	60 staff hours (\$2400)	Hold 5 workshops for construction contractors and other interested parties to explain Ch. 21 and NR 216	LWCD Website DNR website Transportation department website
	Coordinate I & E activities with MS4s and other permitted facilities	LWCD Metro Sewerage Metro Water Utility Village water utilities	Annually	18 staff hours (\$720)	Hold bi-monthly MS4 meetings to improve county-wide coordination	LWCD Partner websites
Encourage practices that treat stormwater as an asset	Integrate GIS tracking of permitted sites	LWCD LIO	Annually	300 hours (\$12,000)	600 erosion control permits are geolocated to facilitate inspection	LWCD Website
	Encourage rain gardens, native plantings, and constructed wetlands into site landscaping plans.	LWCD UWEX DNR County Wild Ones chapter	Annually	10 hours (\$400)	Hold 2 workshops annually with master gardeners, Wild Ones chapter, landscaping companies and others on rain barrels, rain gardens, and constructed wetlands.	LWCD Website

c. **Farmland Preservation conservative compliance**

Conserve and protect productive agricultural lands in X County						
Objectives	Actions	Who (Lead agency first)	When	Staff & other costs (LCD costs only)	Anticipated annual outcomes	I & E tools
Preserve productive farmland	Update the X County Farmland Preservation Program (FPP) plan	LWCD Zoning UWEX DATCP	2012	40 staff hours (\$1600)	FPP plan updated	LWCD Website UWEX website DATCP website
	Pursue Agricultural Enterprise Area (AEA) designation on prime farmlands in the county	LWCD Zoning UWEX DATCP	2012	40 staff hours (\$1600)	One AEA designated	
Enroll highly erodible lands into CREP/CRP	Monitor compliance on 25% of FPP participants	LWCD UWEX NRCS	Annually	400 staff hours (\$16,000)	Compliance monitoring completed on 100 FPP participants	
	Encourage CRP/CREP enrollment of sensitive lands	LWCD NRCS FSA UWEX	Annually	Staff costs included under Goal 1, Objective 1, Action 2	100 acres enrolled in CRP	LWCD Website

d. [Groundwater Protection: Quality and Quantity](#)

Goal: Protect Groundwater Quality and Quantity						
Objectives	Actions	Who (Lead agency first)	When	Staff & other costs (LCD costs only)	Anticipated annual outcomes	I & E tools
Seal/protect direct conduits to groundwater to prevent contamination	Conduct well decommissioning field day	UWEX LWCD NRCS	Annually	10 staff hours \$400	Field day attended by 30 landowners	LWCD Website Announcements in local papers Flyers Field day
	Decommission wells as identified	LWCD NRCS	Annually	40 staff hours \$1,600 \$1,000 cost-share	5 wells decommissioned	LWCD Website
Identify karst features	Identify karst features during farm visits	LWCD NRCS Groundwater Guardians	Annually	Included under Goal 1, Objective 2	20 karst features identified and protected	LWCD Website WGNHS website
	Identify & map springs in X County	LWCD, WGNHS, USGS, RPC	Annually	10 staff hours \$400	Springs are identified and voluntarily protected	LWCD Website, WGNHS, USGS, RPC
Identify and protect springs in X County	Inform landowners about detrimental effects of grazing, tiling, cropping, drainage, spraing, and building ponds on springs and groundwater			10 staff hours \$400		
	Encourage preservation of spring recharge areas during the plan review process			Included in plan review process		
	Encourage use of buffers to protect springs			Included in plan review process		

e. [Permit and ordinance administration](#)

Effectively administer ordinances under LWCD jurisdiction and permits issued by LWCD						
Objectives	Actions	Who (Lead agency first)	When	Staff & other costs (LCD costs only)	Anticipated annual outcomes	I & E tools
Administer the county manure storage ordinance	Educate landowners about the Animal Waste Prohibitions	LWCD UWEX NRCS	Annually	10 staff hours \$40	Host 1 permittee annual meeting No violations of AWACs prohibitions	LWCD Website NRCS DNR website, handouts UWEX website
	Conduct spot checks of nutrient management plans	LWCD	Annually	208 staff hours \$8,320	52 nutrient management plans inspected	LWCD Website NRCS DNR website, handouts UWEX website
	Issue manure storage permits	LWCD	Annually	20 staff hours \$800	5 new storage facilities permitted; 1 facility properly abandoned	LWCD Website
Administer non-metallic mining ordinance	Issue non-metallic mining permit as required	LWCD	Annually	52 staff hours \$2,080	Permit application meets requirements of non-metallic mining ordinance	LWCD Website Annual mailing to permit holders
	Verify mine reclamation plan is compliant				All 26 existing non-metallic mines are visited	
Provide technical assistance to Zoning Administrator for livestock facility siting ordinance	Ensure permit application complies with technical requirements of local ordinance	Zoning LWCD DATCP	Annually	20 staff hours \$800	5 new facilities permitted	Zoning Dept website LWCD Website DATCP

f. [Lake and stream protection \(e.g. shoreline protected, invasive species management\)](#)

Maintain, protect and improve X County surface water resources						
Objectives	Actions	Who (Lead agency first)	When	Staff & other costs (LCD costs only)	Anticipated annual outcomes	I & E tools
Work with landowners and agencies to minimize soil erosion and protect water quality.	Maintain and evaluate shoreland buffers and shoreland restoration contracts	LWCD Lakes association Sanitary districts DNR	Annually	40 staff hours (\$1600)	Monitor five restoration sites each year for compliance to county operation and maintenance contracts, effectiveness in erosion protection, and recovery of near shore wildlife habitat.	LWCD Website
	Provide technical assistance and cost-share funding for shoreland restoration, erosion control, and near shore habitat recovery.	LWCD Lakes association Sanitary districts DNR	Annually	200 staff hours (\$8,000)	Install 5 shoreline protection BMPs to reduce erosion and improve near-shore habitat recovery	LWCD Website
	Prioritize project sites with significant erosion impacts.	LWCD Lakes association Sanitary districts DNR	Annually	30 staff hours (\$1200)	Partner with individuals, municipalities, and lake organizations to investigate / identify 3 culverts or ditches annually that may allow sediment to travel to adjacent waterways.	LWCD Website

Protect aquatic ecosystems from non-native invasive species.	Disseminate information about terrestrial invasive species ID, prevention, management, and control.	LWCD UWEX DNR	Annually	200 staff hours (\$8,000)	Host 5 annual presentations and 2 annual workshops about aquatic invasive species ID, prevention, management, and control	LWCD Website UWEX DNR
	Train citizens and volunteer groups to identify aquatic and terrestrial invasive species.	LWCD UWEX DNR	Annually	10 staff hours (\$400)	Coordinate 2 annual programs to train individuals.	LWCD Website UWEX DNR

g. [Watershed protection \(e.g. Phosphorus reduction/trading, TMDL, Nitrogen management\)](#)

Establishment of point/nonpoint nutrient trading program in X County						
Objectives	Actions	Who (Lead agency first)	When	Staff & other costs (LCD costs only)	Anticipated annual outcomes	I & E tools
Establish local trading workgroup and begin pilot nutrient trading program	Host meetings among prospective trading partners	LWCD, DNR MS4 group Metro Sewer Big vegetable plant Drainage board Farm Bureau	Annually	120 staff hours (\$4800)	6 meetings among potential trading partners. Potential win-win outcomes identified.	LWCD Website DNR Newspaper articles
	Coordinate between potential trading partners and DNR/EPA to establish parameters for verifiable reductions	LWCD, DNR MS4 group Metro Sewer Big vegetable plant Drainage board Farm Bureau	Annually	120 staff hours (\$4800)	Partner agencies determine how to verify pollutant reductions.	LWCD Website DNR Newspaper articles
	Select pilot projects for nutrient trading	LWCD, DNR MS4 group Metro Sewer Big vegetable plant Drainage board Farm Bureau	Annually	10 staff hours (\$400)	Primary and backup sites selected for pilot project.	LWCD Website DNR Partners
	Install monitors and BMPs to verify pollutant reductions	LWCD, DNR MS4 group Metro Sewer Big vegetable plant Drainage board Farm Bureau	Annually	100 staff hours (\$4000) \$5000 cost-share	Monitoring site installed and monitoring begun prior to BMP installation	LWCD Website DNR Newspaper articles
	Review trading pilot and assess program continuation	LWCD, DNR MS4 group Metro Sewer Big vegetable plant Drainage board Farm Bureau	Annually	120 staff hours (\$4800)	Final report completed, with proven or modeled pollutant reductions identified.	LWCD Website DNR

h. [Program evaluation and monitoring](#)

Goal: Demonstrate program effectiveness						
Objectives	Actions	Who (Lead agency first)	When	Staff & other costs (LCD costs only)	Anticipated annual outcomes	I & E tools
Monitor county-wide erosion potential	Conduct county-wide transect survey	LWCD	Annually	Included under Goal 1, Objective 1, Action 1	Transect survey completed [identifies erosion hot spots; can indicate year-to-year variations in erosion hot spot locations and amounts]	Publish results on LWCD Website
Assess water quality	Support citizen-based monitoring	LWCD, Clear Lake Citizen Monitors, Local TU chapter	Annually	20 staff hours (\$800)	Better informed citizens	LWCD Website Semi-annual meetings with CLCM, local TU chapter Newspaper article
Inform County Board and citizens of LWCD progress	Install county monitoring equipment on Brook Stream Report to County Board	LWCD, Central High School Biology class LWCD	Annually Annually	100 staff hours (\$4,000) \$2000 (monitoring equipment O & M, 10 hours (\$400)	Continuous water quality information on Brook Stream Support for department's programs	LWCD Website High school demonstrations, class project LWCD Website Newspaper article highlighting progress
Inform DATCP of progress	DATCP report	LWCD	Annually	5 hours (\$200)	Support for department's programs	LWCD Website Annual report

i. [Spending of state cost-share funds](#)

Spending of state cost-share & staffing dollars effectively						
Objectives	Actions	Who (Lead agency in bold)	When	Staff & other costs (LCD costs only)	Anticipated annual outcomes	I & E tools
Prioritize cost-share dollars for high-return practices	Calculate practice effectiveness prior to offering cost-share	LWCD	Annually	100 staff hours (\$4,000)	Cost-share is spent to maximize water quality improvements	LWCD Website
Use LWRM plan as tool to acquire additional cost-share and staffing dollars from other sources	Apply for additional grants based on LWRM plan priorities and proven accomplishments.	LWCD	Annually	500 staff hours (\$20,000)	Grants worth \$100,000 are awarded to further attain the LWCD's goals.	LWCD Website
Maintain appropriate records	Monitor contracts to ensure practices are maintained appropriately for the life of the contract.	LWCD NRCS	Annually	100 hours (\$4,000)	Contracts requiring a practice be sustained for 20 years are still effectively sustained after 20 years.	LWCD Website DATCP NRCS

j. [Forestry management](#)

Goal: Improve forest management on private and County lands in X County						
Objectives	Actions	Who (Lead agency in bold)	When	Staff & other costs (LCD costs only)	Anticipated annual outcomes	I & E tools
Provide technical assistance for forestry BMPs	Evaluate & correct erosion, stability, and location problems on existing forest roads, recreational trails, landings, and crossings	LWCD NRCS	Annually	200 staff hours (\$8,000)	5 forest roads located to reduce erosion; 1 landing re-sited to less environmentally-sensitive area	LWCD Website Advocate for use of forestry BMPs Wisconsin's Forestry BMP manual
Inform public of resources available for forest management	Educate farmers about forest management during farm visits	LWCD County forester NRCS WVOA	Annually	300 staff hours (\$12,000)	25 MFL plans developed	LWCD website Forestry facts RGS Coverts program WVOA chapter
Provide tools for woodland management	Provide tree planter, spuds & sprayers to landowners	LWCD DNR forester	Annually	Maintain planter & sprayers (\$300)	Rent planter to 10 people	LWCD website Attend county WVOA meeting
	Conduct tree & shrub sale	LWCD, DNR, NRCS	Annually	100 staff hours (\$4,000)	Sell 2,000 trees	LWCD Website Ad in "Shopper Stopper" flyer
Provide support for wildlife-related programs	Administer Wildlife Damage Abatement Claims Program	LWCD, DNR, WDACP	Annually	100 staff hours (\$4,000)	40 program participants	LWCD Website FSA newsletter advertisement DNR bulletin
	Administer deer donation program	Deer donors, LWCD, local meat processors, Conservation Alliance	Annually	100 staff hours (\$4,000)	5,000 pounds venison distributed	LWCD Website Second Harvest radio spots Hunters for the Hungry announcement

CORRESPONDENCE/MEMORANDUM _____ **State of Wisconsin**

DATE: September 18, 2015

TO: Land and Water Conservation Board Members and Advisors

FROM: Keith Foye, DATCP 
Bureau of Land and Water Resource Management

SUBJECT: Recommendation for Approval of the Sheboygan County Land and Water Resource Management Plan

Action Requested: This is an action item. The department has determined that the Sheboygan County Land and Water Resource Management Plan meets ATCP 50 requirements and requests that the LWCB make a recommendation regarding approval of the plan consistent with the Board's criteria and guidance, including any recommendation regarding any conditions in the final order approving the plan.

Summary: The plan is written as a 10 year plan, and addresses one or more of the criteria demonstrating intent for a 10 year plan. If approved, the plan would remain in effect through December 31, 2025, and would be subject to a five year review prior to December 31, 2020.

DATCP staff reviewed the plan using the checklist and finds that the plan complies with all the requirements of section 92.10, Wisconsin Statutes, and Chapter ATCP 50, Wisconsin Administrative Code.

To qualify for a 10 year approval of its plan, Sheboygan County must satisfy the Board that the plan has met the additional criteria in the Board's guidance.

Sheboygan County held a public hearing on August 25, 2015, as part of its public input and review process. The Sheboygan County Planning, Resources, Agriculture, and Extension Committee will present the LWRM plan for County Board approval after receiving a recommendation for approval from the LWCB.

Materials Provided:

- LWRM Plan Review Checklist
- *Sheboygan County Land and Water Resource Management Plan* Summary, including workplan and budget

Presenters: Eric Fehlhaber, Sheboygan County Conservationist
Christopher Ertman, Sheboygan County Conservation Specialist



Wisconsin Dept. of Agriculture, Trade and Consumer Protection
 Agricultural Resource Management Division
 2811 Agriculture Drive, PO Box 8911
 Madison WI 53708-8911
 Phone: (608) 224-4608

Land and Water Resource Management (LWRM)

LWRM Plan Review Checklist

Sec. 92.10, Stats. & sec. ATCP 50.12, Wis. Adm. Code

County: Sheboygan

Date Plan Submitted for Review: 08-24-15

I. ADVISORY COMMITTEE	Yes	No	Page
1. Did the county convene a local advisory committee that included a broad spectrum of public interests and perspectives (such as affected landowners, partner organizations, government officials, educational institutions)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2
II. PUBLIC PARTICIPATION AND COUNTY BOARD APPROVAL			Date(s)
1. Provide the dates that the local advisory committee met to discuss the development of the LWRM plan and the county plan of work.			6/1, 7/8,7/22, 2015
2. Provide the date the county held a public hearing on the LWRM plan. ¹			8/25/15
3. Provide the date of county board approval of the plan, or the date the county board is expected to approve the plan after the LWCB makes its recommendation. ²			October
III. RESOURCE ASSESSMENT AND WATER QUALITY OBJECTIVES	Yes	No	Page
1. Does the plan include the following information as part of a county-wide resource assessment:			
a. Soil erosion conditions in the county ³ , including:			
i. an estimate of the soil erosion rates for the whole county and for local areas where erosion rates are especially high	<input checked="" type="checkbox"/>	<input type="checkbox"/>	20
ii. identification of key soil erosion problem areas in the county	<input checked="" type="checkbox"/>	<input type="checkbox"/>	20
b. Water quality conditions of watersheds in the county ³ , including:			
i. location of watershed areas, showing their geographic boundaries	<input checked="" type="checkbox"/>	<input type="checkbox"/>	22

¹ Appropriate notice must be provided for the required public hearing. The public hearing notice serves to notify landowners and land users of the results of any determinations concerning soil erosion rates and nonpoint source water pollution, and provides an opportunity for landowners and land users input on the county's plan. Individual notice to landowners is required if the landowners are referenced directly in the LWRM plan. DATCP may request verification that appropriate notice was provided.

² The county board may approve the county LWRM plan after the department approves the plan. The plan approved by the county board must be the same plan approved by the department. If the department requires changes to a plan previously approved by the county board, the department's approval does not take effect until the county board approves the modified plan.

³ Counties should support their analysis of soil and water conditions by referencing relevant land use and natural resource information, including the distribution of major soil types and surface topographic features, and land use categories and their distribution. Sec. ATCP 50.12(3)(b) requires that a county assemble relevant data, including relevant land use, natural resource, water quality and soil data.

ii.	identification of the causes and sources of the water quality impairments and pollutant sources	<input checked="" type="checkbox"/>	<input type="checkbox"/>	20-44
iii.	identification of key water quality problem areas in the county	<input checked="" type="checkbox"/>	<input type="checkbox"/>	20-44
<hr/>				
2.	Does the LWRM plan address objectives by including the following:			
a.	specific water quality objectives identified for each watershed based upon the resource assessment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	20-44
b.	pollutant load reduction targets for the watersheds, if available	<input type="checkbox"/>	<input type="checkbox"/>	Not avail.
<hr/>				
3.	Does the plan or related documentation reflect that the county consulted with DNR ⁴ to provide water quality assessments, if available; to identify key water quality problem areas; to determine water quality objectives; and to identify pollutant load reduction targets, if any.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____

Other comments: _____

IV. PLAN IMPLEMENTATION		Yes	No	Page
1.	Does the LWRM plan include the following implementation strategies:			
a.	A voluntary implementation strategy to encourage farm conservation practices	<input checked="" type="checkbox"/>	<input type="checkbox"/>	chap. 5&9
b.	State and local regulations used to implement the plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	chap 6
c.	Compliance procedures that apply for failure to implement the conservation practices in ATCP 50, ch. NR 151 and related local regulations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	chap 7
d.	Relevant conservation practices to achieve compliance with performance standards and prohibitions and to address key water quality and erosion problems	<input checked="" type="checkbox"/>	<input type="checkbox"/>	91
e.	Strategy to monitor the compliance of participants in the farmland preservation program	<input checked="" type="checkbox"/>	<input type="checkbox"/>	66, 70
<hr/>				
2.	Does the LWRM plan (or accompanying work plan) estimate cost-sharing and other financial assistance, and technical assistance needed for plan implementation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	77
<hr/>				
3.	Does the LWRM plan describe a priority farm strategy designed to make reasonable progress in implementing state performance standards and conservation practices on farms appropriately classified as a priority?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	chap 6

⁴ While requirements for DNR consultation may be satisfied by including relevant DNR representatives on the advisory committee, counties may also need to interact with DNR staff in central or regional offices to meet all of the consultation requirements. DNR may point counties to other resources to obtain information including consultants who can calculate pollutant load reduction targets.

4. Was DNR consulted about the county's plan for NR 151 implementation? _____

Other comments: _____

V. OUTREACH AND PARTNERING	Yes	No	Page
1. Does the LWRM plan describe a strategy to provide information and education on soil and water resource management, conservation practices and available cost-share funding, including an estimate of the amount of I& E needed for plan implementation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	chap 9
2. Does the LWRM plan describe coordination activities with local, state and federal agencies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	work plan, 90

Other comments: _____

VI. WORK PLANNING AND PROGRESS MONITORING	Yes	No	Page
1. Does the county's work plan do all of the following:			
a. Cover more than one year	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chap 8
b. Identify priorities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
c. Provide measurable annual and multi-year performance benchmarks (for at least all high priority items)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
2. Does the LWRM plan describe a strategy and framework for monitoring county progress implementing its plan including methodology to track and measure progress in meeting performance benchmarks and plan objectives?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	chap 11

Other comments: 1b.: you should identify priorities in each of your goals in your work plan. If they are listed in order of priority state that right under your Work Plan heading or on each page. You could also "BOLD" each priority activity for each of the goals. you can have more than one priority. COMPLETED.

VII. EPA SECTION 319 CONSIDERATIONS
1. DOES THIS PLAN INCLUDE ELEMENTS <u>CONSISTENT</u> WITH THE MINIMUM 9 KEY ELEMENTS FOR EPA APPROVAL UNDER SECTION 319 OF THE CLEAN WATER ACT: _____
2. IF THE ANSWER TO 1 IS "YES," WHAT IS THE STATUS OF EPA'S REVIEW OF THE PLAN: NOT SUBMITTED _____ SUBMITTED BUT NOT APPROVED _____ APPROVED _____

STAFF RECOMMENDATION

Staff has reviewed the above-referenced county LWRM plan based on the criteria required in s. ATCP 50.12, Wis. Admin. Code, and s. 92.10, Stats., and has determined that the plan meets the criteria for DATCP approval of this plan. This checklist review is prepared to enable the LWCB to make recommendations regarding plan approval, and for DATCP to make its final decision regarding plan approval.

Staff Signature: Lisa K. Trumble

Date: 9/15/15

**SHEBOYGAN COUNTY
LAND AND WATER RESOURCE
MANAGEMENT PLAN 2016-2025**



**SHEBOYGAN COUNTY
PLANNING & CONSERVATION DEPARTMENT
OCTOBER, 2015**

Sheboygan County
Land and Water Resource Management Plan
October 2015

Prepared under the guidance of:
The Sheboygan County Planning, Resources, Agriculture and Extension Committee

Keith Abler	Chair
Fran Damp	Vice Chair
Libby Ogea	Secretary
James Baumgart	Member
Edward Procek	Member
Jim Hanke	Member, FSA

Prepared by
The Sheboygan County Planning & Conservation Department

Aaron Brault	Director
Eric Fehlhaber	County Conservationist
Chris Ertman	Conservation Specialist
David Clappes	Conservation Specialist
Greg Kroeplien	Conservation Technician
Alayne Bosman	Administrative Assistant

and

The Citizens Advisory Committee

Al Bosman, Agricultural Producer
Mike Patin, Natural Resource Conservation Service (NRCS)
Mike Ballweg, Crops and Soils Agent, UW-Extension
Vic Pappas, Department of Natural Resources (DNR)
John Nelson, The Nature Conservancy (TNC)

Department Mission Statement:

Provide sound information and knowledge on environmental issues that affect our community, protecting our county's natural resources, and, first and foremost, working with the public which we serve in a straightforward, honest approach.

Executive Summary

Legislative Background

The land and water resource management (LWRM) plan concept was proposed in the fall of 1996 by conservation professionals in response to draft state agency recommendations for redesigning Wisconsin's nonpoint pollution abatement programs. Wisconsin Acts 27 and 9, passed in 1997 and 1999 respectively, required counties to develop Land and Water Resource Management Plans. Locally led conservation with the help of private, county, state, and federal partners was envisioned by the state legislature in requiring the development of LWRM's. Sheboygan County's first LWRM was written in 1999. Updates to Sheboygan County's LWRM plan occurred in 2004, 2009, and of course this 2016 update. This update covers the 10 year, 2016-2025, time period with a 5 year (2016-2020) Workplan. This Workplan will be updated in 2020 to reflect the challenges and opportunities that will be addressed in the second (2021-2025) half of this 10 year plan window.

The 1997 and 1999 State Budget Bills contained extensive rewrites of the state's nonpoint source pollution abatement program. The legislation eliminated the priority watershed program. The legislation also established a statewide nonpoint source pollution abatement program that addresses both nonagricultural and agricultural sources. Under this legislation directed the Department of Natural Resources (DNR) to establish performance standards and prohibitions for the purpose of protecting and improving water quality from the effects of nonpoint source runoff. In 2002 and amended in 2009, the DNR passed NR 151 setting new performance standards for agricultural and non-agricultural areas to prevent runoff and protect water quality. These standards and prohibitions have been incorporated into Sheboygan County's LWRM plan updates since 2004.

The Department of Agriculture, Trade and Consumer Protection (DATCP) then passed rules in ATCP 50 that identifies the Best Management Practices (BMP's) that farmers must follow to meet DNR Standards.

Roles

DNR Responsibility

DNR is the state agency responsible for implementing the Federal Clean Water Act in which DNR sets the water quality goals and objectives for different water bodies. The nonpoint redesign did not change this. Under the redesign, DNR was directed to establish agricultural performance standards and prohibitions for agricultural sources of nonpoint pollution.

DATCP Responsibility

DATCP is the state agency responsible for developing technical standards and best management practices for farmers to use to meet the performance standards set by DNR. DATCP also provides counties with funds to hire and support Conservation Department staff and cost-sharing to assist land users in implementing DATCP conservation programs (ATCP 50).

County Responsibility

County Conservation Departments are the entities responsible for implementing the nonpoint program at the local level. Counties are directed to develop land and water conservation plans that identify local conservation issues. These plans become the blueprint for establishing what needs to be done within the county to meet water quality goals and objectives. Counties administer the cost-share funds and provide them to eligible land owners to address nonpoint pollution sources, primarily sediment and phosphorus.

2016 Update

This plan is a working document updated by guidance of the Citizens Advisory Committee to evaluate current and evolving conservation issues. The plan evaluates current water resource conditions and the pollutants impacting those water resources. As with many parts of Wisconsin, nonpoint source runoff in the form of sediment and phosphorus are currently impacting the water resources of Sheboygan County. This plan addresses implementing state performance standards and prohibitions with a targeted Priority Farm approach to reduce sediment and phosphorus runoff. This approach focuses on current impaired waters, and exceptional/outstanding resource waters with an expectation that at least one of the county's nine watersheds will have an approved TMDL by 2016. The data generated from the TMDL process and other inventories to be conducted over the next several years will be used to incorporate the 9 Key Element Planning process into the next Workplan update in 2020.

Key to successful implementation of this plan will be the collaborate efforts of many partners. State cutbacks have resulted in the loss of staff over the years and this fact makes collaboration among stakeholders critical to plan implementation. A blend of private organizations, county, state and Federal agencies will be vital to provide innovative ideas, coordination of conservation activities, information and education, staffing and cost-share dollars.

Chapter 8 - 2016-2020 Plan of Work

Note: All high priority Objectives are shaded grey

Goal #1: Reduce Soil Erosion and Associated Phosphorus Losses

Objective	Activity	Lead Agencies/ Organizations	Timeframe	Staff Hours	Staff Cost		Potential Funding	Anticipated Outcomes (Annual Benchmarks)
					Cost-Share			
IA Hire	Hire a Conservation Agronomist to address the need for more in-field conservation planning. Put greater emphasis for existing staff to do in-field planning	PCD	Annually	1200	\$48,000	County	Conservation Agronomist hired and 6,000 new acres of Nutrient Management plans	
IB Facilitate	Facilitate the adoption of the Farmland Preservation Program conservation standards on all participating lands in Sheboygan County	PCD	2015-2020	500	\$20,000	DATCP County	60 Certificates of Compliance issued; 60 Schedules of Compliance issued	
IC Provide technical assistance and cost-sharing (if available)	Provide technical assistance to landowners to reduce their soil loss to T-value. In cases where management changes alone will not reduce the soil loss down to T-value offer cost-sharing (if available) for practices such as cover crops, residue management, contour strip cropping and grassed waterway. Promote EQIP participation.	PCD NRCS FSA	Annually	1000	\$40,000	DATCP County NRCS	100 acres of cost-shared practices	
					\$31,000		5-1000 foot grassed waterways installed	
1D Partner	Partner with the Nature Conservancy, DNR and the City of Plymouth Wastewater Treatment Plant in the Mullet River Project Area to study the feasibility of doing Adaptive Management or Water Quality Trading in the Mullet River watershed. Assist in implementing the chosen alternative.	TNC WI-DNR Plymouth WWTP PCD	2015-2016	160	\$6,400	DATCP County Plymouth h- WWTP	Feasibility study completed by spring of 2016	
1E Work	Work with NRCS staff and landowners to enroll sensitive areas along lake and streams in the CREP or Sheboygan County's Buffer Strip Program.	NRCS PCD	Annually	500	\$20,000	DATCP County NRCS	4 new acres of riparian buffers Installed	
					\$20,000			
1F Install	Install Water and Sediment Control Structures to reduce the impact of sediment and phosphorus runoff occurring in the larger storm events.	PCD	Annually	500	\$20,000	DATCP County	4 Water and Sediment Control Structures installed.	
					\$22,400			
1G Continue	Continue to perform yearly status reviews for conservation compliance of land enrolled in the Farmland Preservation Program	PCD	Annually	250	\$10,000	DATCP County	125 status reviews	
1H Promote	Promote Soil Health initiatives by hosting on-farm field days, workshops, webinars etc... in cooperation with other conservation stakeholders	PCD; NRCS UWEX TNC	Annually	80	\$3,200	NRCS	1 Field Day, 1 Workshop 1 Webinar, 2 newsletter articles	
					\$12,000		Phosphorus levels characterized 1-Iron/sand filter installed by spring of 2017.	
1I Partner	Partner with the Elkhart Lake Improvement Association (ELIA) to reduce phosphorus inputs to Elkhart Lake from a 200 acre ag. watershed. Install an iron/sand filter to reduce dissolved phosphorus loading to Elkhart Lake	PCD ELIA	2015-2020	300	\$30,000	Various grants	Formation of a Producer Led Conservation Group by 2017. Quarterly meetings of the above group with associated tours and field days	
					\$4800		TNC County	
1J Facilitate	Facilitate the formation of a Producer Led Conservation Group. This group would foster information exchange and adoption of conservation practices among group members and other producers	UWEX TNC NRCS PCD	Annually	120	\$4800	TNC County		
TOTALS	Per Year of Plan Implementation			4610	\$184,400			
					\$103,400			

Goal #2: Reduce Animal Waste Runoff and Associated Phosphorus Losses						
Objective	Activity	Lead Agencies/ Organizations	Timeframe	Staff Hours	Staff Cost	Anticipated Outcomes (Annual Benchmarks)
					Cost- Share	
2A Hire	Hire a Conservation Agronomist to address the need for more in-field conservation planning. Put greater emphasis for existing staff to do in-field planning	PCD	Annually	600	\$24000	Conservation Agronomist hired and 6,000 new acres of Nutrient Management plans
2B Enforce	Enforce state manure management prohibitions identified in Animal Waste Management Ordinance	PCD WI-DNR	Annually	120	\$4800	44 Nutrient Management Plan updates reviewed
2C Target	Target process waste water for treatment measures where there is found to be a significant discharge to waters of the state.	PCD NRCS	Annually	80	\$3200 \$42000	3 process waste water treatment systems installed
2D Compliance	Issue county permits, provide design services and cost-sharing when available under the Animal Waste Management Ordinance	PCD	Annually	600	\$24000 \$30000	2 new permits. 2 waste storage structures installed and cost-shared.
2E Update	Update Sheboygan County's Animal Waste Ordinance	PCD	Spring 2016	80	\$3200	Update completed spring 2016
2F Promote	Promote the use of manure spreading agreements between cash croppers and livestock producers as a way to distribute manure nutrients especially phosphorus to alleviate the buildup of phosphorus levels on currently spread fields.	PCD UWEX	Annually	80	\$3200	2 Newsletter articles; 20 farmer contacts
TOTALS	Per Year of Plan Implementation			1560	\$62,400 \$72,000	

Goal #3: Nutrient Management Requirements

Objective	Activity	Lead Agencies/ Organizations	Timeframe	Staff Hours	Staff Cost		Potential Funding Sources	Anticipated Outcomes (Annual Benchmarks)
					Cost-Share	Cost		
3A Hire	Hire a Conservation Agronomist to address the need for more in-field conservation planning. Nutrient management planning, training, and oversight will be emphasized.	PCD	Annually	2000	\$80000		County	Conservation Agronomist hired and 6,000 new acres of Nutrient Management plans; 2 Nutrient Management Farmer Training classes held
3B Explore	Explore the possibility of passing Livestock Siting Ordinances	PCD	Annually	40	\$1600		County	Meet in person with 2 Town boards to dialogue regarding enacting a Livestock Siting Ordinance
3C Requirements	Continue to require nutrient management plans through the Sheboygan County Animal Waste Ordinance when constructing or altering a manure storage facility, animal housing, or feedlot.	PCD NRCS UW-Extension	Annually	20	\$800		County	2 new NM plans submitted by permittee's and reviewed
3D Compliance	Verify compliance with nutrient management requirements of the Farmland Preservation Program	PCD	Annually	200	\$8000		DATCP County NRCS	All updated plans reviewed
3E Cost-Sharing	Provide cost-sharing assistance to landowners when available for nutrient management plans that are required under NR 151 State Standards and Prohibitions. Offer Soil and Water Resource Management (SWRM) money when available and also recommend landowners sign up for the Environmental Quality Incentives Program (EQIP)	PCD NRCS DATCP	Annually	200	\$8000 \$15000		DATCP County NRCS	Offer SWRM money for Nutrient Management planning and also continue to encourage producers to sign up with the EQIP for Nutrient Management cost-sharing
3F Offer	Offer Nutrient Management technical assistance to land owners/operators and private Agronomists	PCD NRCS DATCP	Annually	100	\$4000		DATCP County DNR NRCS	8 Agronomists and 16 producers assisted
3G Tracking	Track nutrient management planning progress through the use of computer software	PCD	Annually	120	\$4800		DATCP County	6,000 new acres entered in the tracking system
3H Provide	Provide learning opportunities and idea sharing among agency staff, producers, and Nutrient Applicators by hosting fields days on the topic of Nutrient Application	PCD UWEX NRCS TNC	Annually	30	\$1200		County UWEX NRCS TNC	1 Field Day
TOTALS	Per Year of Plan Implementation			2710	\$108,400			
					\$15,000			

Goal #4: Groundwater Protection

Objective	Activity	Lead Agencies/ Organizations	Timeframe	Staff Hours	Staff Cost		Potential Funding Sources	Anticipated Outcomes (Annual Benchmarks)
					Cost- Share	Share		
4A Partner	Continue to partner with the Sheboygan County well testing program currently made available to local townships thru the UW-Extension office	PCD UW-Extension Townships	Annually	10	\$400	\$4500	County Town- ships DATCP DNR	Private well sampling in 1 Township
4B Target	Based on test results target areas needing more comprehensive groundwater protection measures by evaluating land use practices within a ¼ mile of any well testing above the state preventative active limit for nitrates or repeatedly for bacteria. Contact land users within these areas to initiate adaption of additional conservation practices	PCD UW-Extension	Annually	120	\$4800		DATCP County DNR NRCS	Varies
4C Cost-sharing	Continue to offer, when available SWRM cost-sharing for well decommissioning	PCD DATCP	Annually	80	\$3200	\$3000	DATCP	6 wells decommissioned
TOTALS	Per Year of Plan Implementation			210	\$8,400	\$7,500		

Goal #5: Continue Enforcement of the County's Nonmetallic Mining Ordinance

Objective	Activity	Lead Agencies/ Organizations	Timeframe	Staff Hours	Staff Cost		Potential Funding Sources	Anticipated Outcomes (Annual Benchmarks)
					Cost- Share			
5A Existing Permits	Annual permit review and on-site inspection of all existing permitted sites. Update and revise current reclamation plans if needed.	PCD	Annually	200	\$8,000		County	15 inspections
5B New Permits	Review all new permit applications and reclamation plans for ordinance compliance	PCD	Annually	40	\$1,600		County	Varies
5C Inform Town Boards	Periodically submit program information and updates to Town Boards and Planning Committees	PCD	Annually	10	\$400		County	Yearly
5D Local Work Group Membership	Continue participation in regional Regulatory Authority work group to ensure more uniform enforcement between neighboring counties	PCD	Annually	15	\$600		County	1-2 Regional meetings
TOTALS	Per Year of Plan Implementation			265	\$10,600			
					\$0			

Goal #6: Reduce Sediment and Phosphorous Loadings from Existing Urban and Developing Areas to Surface Waters							
Objective	Activity	Lead Agencies/ Organizations	Timeframe	Staff Hours	Staff Cost		Anticipated Outcomes (Annual Benchmarks)
					Cost- Share	Potential Funding Sources	
6A Enforcement	Continue to enforce Sheboygan County's Erosion Control and Stormwater Runoff Management Ordinance (ECSM)	PCD DNR	Annually	1000	\$40000	County	10 Permits issued
6B Explore	Explore the possibility of hiring an additional staff person whose emphasis would be to assist with enforcement of the ECSM and also the development and implementation of a Post-Construction Stormwater Management strategy.	PCD	2016-2018	20	\$800	County	Hire a ½ time ECSM staff person by 2018
6C County Compliance	Work closely with the WI DNR and other County departments to ensure compliance with the EPA Phase II Stormwater Management Rules	PCD DNR Planning Highway	Annually	80	\$3200	County	Annual Report
6D Protect Shoreline Habitat	Monitor more closely ECSM Permit sites if they are within the 300 feet stream/1,000 feet water body Shoreland Management Zone. Encourage the installation of grass buffer zones and other BMP'S to Protect shoreline habitat	PCD Sheboygan River Basin Partnership NRCS	Annually	60	\$2400	DATCP County NRCS	4 new acres of riparian buffer installed
6E Education	Handout informational pamphlets on how homeowners can safely make fertilizer and chemical applications. Give out information on tours, fair booths and other educational venues. Conduct an annual ECSM contractor workshop	PCD	Annually	100	\$4000	County	1 ECSM contractor workshop Pamphlets distributed at various venues
TOTALS	Per Year of Plan Implementation			1260	\$50,400 \$0		

Goal #7: Continue Efforts on Additional Conservation Programming of Local Significance									
Objective	Activity	Lead Agencies/ Organizations	Timeframe	Staff Hours	Staff Cost- Cost- Share	Potential Funding Sources	Anticipated Outcomes (Annual Benchmarks)	TOTALS	
								Per Year of Plan Implementation	
7A Develop	Develop and implement the Management Plan for the Amsterdam Dunes (AD) property	PCD Amsterdam Dunes- Advisory Committee Town of Holland DNR	Annually	200	\$8000	County Various grants	Management plan-2016		
7B Wetland Mitigation	Continue to manage the county's existing wetland mitigation site	PCD	Annually	60	\$2400	County	Annual progress report		
7C Tree and Shrub Sale	Continue to hold the county's annual Tree and Shrub Sale	PCD	Annually	200	\$8000	County	40,000-50,000 Trees & Shrubs sold		
7D Wildlife Damage Program	Continue to provide educational and technical assistance to county landowners experiencing wildlife damage on their cropland. Work cooperatively with APHIS assist eligible landowners in filing claims to be reimbursed for wildlife damage	PCD APHIS DNR	Annually	40	\$1600	County, DNR	1-5 complaints investigated		
7E Aquatic Invasive Species Control	Complete and submit to the County Board the Departments Aquatic Invasive Species Strategic Plan. Seek funding for staffing positions to implement this plan	PCD Sheboygan River Basin Partnership	2017	120	\$4800	County	Plan written in 2016 and seek funding for 2017		
7F Information and Education	Promote Emerald Ash Borer (EAB) awareness and provide information and education to aid in the identification and control of EAB	PCD DNR UW-Extension	Annually	10	\$400	County DNR Various Grants	Several group presentations Numerous on-site ID requests		
7G WDNR fish & wildlife habitat improvement projects	Continue to apply for and utilize awarded DNR grants for improving fish and wildlife habitat on county owned or managed lands	PCD DNR	Annually	30	\$1200	County, DNR	1 grant		
7H Monitor and report	Continue water sampling of the Beeck Bioreactor to evaluate the Bioreactors efficiency at removing nitrates. Generate yearly reports & a final report with findings.	PCD	2015-2020	20	\$800	County	1 report		
TOTALS	Per Year of Plan Implementation			680	\$27,200 \$0				

YEARLY STAFFING HOURS, STAFFING COSTS, AND COST-SHARE SUMMARY

GOAL	STAFF HOURS	STAFF COST	COST-SHARE
Goal #1: Reduce Soil Erosion and Associated Phosphorus Losses	4610	\$184,400	\$103,400
Goal #2: Reduce Animal Waste Runoff and Associated Phosphorus Losses	1560	\$62,400	\$72,000
Goal #3: Nutrient Management Requirements	2710	\$108,400	\$15,000
Goal #4: Groundwater Protection	210	\$8,400	\$7,500
Goal #5: Continue Enforcement of the County's Nonmetallic Mining Ordinance	265	\$10,600	\$0
Goal #6: Reduce Sediment and Phosphorous Loadings from Existing Urban and Developing Areas to Surface Waters	1260	\$50,400	\$0
Goal #7: Continue Efforts on Additional Conservation Programming of Local Significance	680	\$27,200	\$0
TOTALS	11,295	\$451,800	\$197,900

CORRESPONDENCE/MEMORANDUM_____State of Wisconsin

DATE: September 18, 2015

TO: Land and Water Conservation Board Members and Advisors

FROM: Keith Foye, DATCP 
Bureau of Land and Water Resources Management

SUBJECT: Request for five-year extension of the Iron County Land and Water Resource Management plan

Recommended Action: Staff requests the LWCB to recommend approval of Iron County's request to extend the expiration date of the county land and water resource management plan until December 31, 2020.

Summary: The land and water resource management plan for Iron County is currently approved through December 31, 2015. In order to maintain eligibility for grant funding through the soil and water resource management grant program, Iron County must receive approval of an updated plan or approval of a request to extend the plan expiration date before December 31, 2015.

The plan approved in 2010 is eligible for an extension of up to five years since it was written with a 10-year planning horizon. Iron County has completed the appropriate extension request form, guidance checklist, and provided an updated plan of work that will cover activities during the five year extension period. The presentation to LWCB members will provide detailed information on the county's accomplishments over the last five years of the plan implementation.

Materials Provided:

Iron County extension request materials:

- *4 to 5 year Extension Request form*
- *County-prepared LWCB checklist*
- *Iron County LWRM Work Plan*

Presenters: Heather Palmquist, Iron County Conservationist



Land and Water Conservation Board
County Land and Water Resource Management Plan
Form to Request Extensions of 4 or 5 Years

County: Iron County

Extension request: 4 years 5 years

Reason for request: The LWRM plan for Iron County was designed as a 10 year plan, the 5 year work plan is in need of updating.

Requirements for a four or five year extension

1. Describe your county's progress in meeting planned goals and activities (e.g., nutrient management, water quality, FPP, etc) by listing key benchmarked activities pursued over the last five years.¹

Goal 1: Promote sound stewardship through shoreland & streambank management & enhancement of littoral & riparian habitat. Highlights: Native Plant Sale - Sold 45,425 native trees and shrubs & 11,178 6-packs of native grasses & wildlife; Shoreland Education Programs - 66 programs, 2,425 participants; Cost-Share for Shoreland Projects - 17 shoreland projects funded through DATCP CS program-\$63,145.98 spent, 15 shoreland projects funding through partner/grant funds -\$66,145.98 spent, 27 technical designs for shoreland projects that received no CS; Shoreland project checks- 26 project compliance checks completed.

Goal 2: Develop long-term strategy to protect & improve the quality of Iron County lakes & streams. Highlights: Rain barrel program - over 150 rain barrels distributed; Conservation Programs for Schools/Kids- 89 programs-1,713 kids reached; Woods & Waters program- 479 students completed the program; Lake Programs - 66 programs - 2,425 participants; Rain garden projects - 4 rain gardens installed, 1 designed (not installed); Fish passage barriers- 20 fish barrier projects designed/implemented DATCP CS funded 8 projects - \$42,187.68, 12 funded through grants/partners - \$165,845.96

Goal 3: Protect drinking water/groundwater through monitoring, education, responsible land use practices & proper well abandonment. Highlights: Private well testing program- 57 wells tested for bacteria & metals; 3 workshops were provided by the UW-Stevens Point Well Program - 125 participants; School groundwater education - 5 programs - 137 students; Well abandonment project design - 1 project (not implemented).

Goal 4: Protect land & water resources from non-native aquatic & terrestrial invasive species. Highlights: Volunteer AIS Monitoring Workshops - 8 workshops- 67 volunteers trained; Clean Boats Clean Waters - 8 workshops - 81 people trained; AIS

¹ Approval of this request requires a presentation to the LWCB to provide a detailed presentation identifying benchmarked activities and your progress in achieving the benchmark over the last five years.

Programs - 68 programs - 1,154 attendees; Boat landing signage - 76 landings posted; Treatment - 6 invasive species treatment programs started - actively controlling Eurasian water milfoil, Purple loosestrife, Japanese knotweed, Spotted knapweed, Garlic mustard and Giant hogweed; ATV trails monitored - 75+ miles of ATV trails monitored including 37 stream crossings.

Goal 5: Promote sound stewardship practices to protect agricultural lands, encourage sustainable forestry, & maintain healthy watersheds while sustaining Iron County's economy. Highlights: Nutrient Management - 3 nutrient management workshops held; Cost Share for NR 151- 6 projects designed/implemented through CS program - \$83,626.33 spent, \$31,018.00 spent by partners; NR151 Compliance checks - 8 checks completed; Website updates- website updated annually- 2014 new website designed for easier program access.

Goal 6: Protect NR by reducing non-point source pollution on roads & trails. Highlights: Road crossing/Stream projects: 20 stream crossing/stabilization projects designed/installed - funded through grants/partners - \$165,845.96 - 1 stream restoration project funded through DATCP - \$5,080.00-DATCP - \$3,000.00 funded through partnership; Wetland education - 12 programs - 700 participants in Log-A-Load for Kids in Iron County Forest.

2. Attach a completed guidance checklist documenting that your county plan has measureable benchmarks for key activities, an effective priority farm strategy, and includes sufficient elements to reflect a ten year planning horizon. An updated priority farm strategy may also be attached, if necessary.²
3. Attach an updated work plan that covers planned activities during the four of five year extension period you have requested.

Has your Land Conservation Committee approved this request? Yes No

Date approved: 9/10/2015

If no, approval expected by: (date of next LCC meeting)

Additional Comments (please limit response to two sentences):

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



Date: 9/11/15

Send completed form and attachments to:

Lisa.Trumble@wi.gov

² Guidance checklist available at: <http://datcp.wi.gov/uploads/Environment/doc/GuidanceChecklist.doc>



County-prepared checklist to determine compliance with criteria for a LWCB recommendation for a 10-year approval and 5-year extension¹

I. Requirements for benchmarking and priority farm strategies

All counties must have plans that meet the requirements identified in Section I, questions no 1-3. This checklist is intended to ensure that counties have fulfilled these requirements when they seek a 10 year plan approval, or a 5 year extension of a plan previously approved for 5 years.¹

1. For each key activity listed below, please answer whether or not the plan has specific, measurable benchmarks and targets	If “yes,” list the page numbers in the plan or work plan	If “no,” please provide a reason (e.g., not applicable)
a. Implementation of performance standards for farms	Plan- 56,58 Work Plan – 11	
b. Implementation of stormwater management and related urban standards	Work Plan –5-6 60	
c. Farmland Preservation conservation compliance	Plan- 41-42	
d. Groundwater protection: quality and quantity	Plan -6-7 Work Plan –7-8	
e. Permit and ordinance administration		N/A
f. Lake and stream protection (e.g. shoreline protected, invasive species management)	Plan- 9-28 Work Plan –1-6	
g. Watershed protection (e.g. phosphorus reduction/trading, TMDL, nitrogen management)		N/A
h. Program evaluation and monitoring	Plan -56-61 Work Plan- 2,5,7,9-11	
i. Spending of state cost-share funds	Plan-42,44-45 Work Plan- 2,5,8,11	
j. Forestry management	Plan-32 Work Plan-12	
2. Does the plan provide adequate information about the benchmarked activity that includes: the objective, activities, responsible parties, timeframe, anticipated annual outcomes, and I & E tools?	Plan-61,63-68 Work Plan-1-14	
3. Does the county’s priority farm strategy include the following items?		
a. Effectively implement state performance standards and conservation practices on farms	Plan-58-59 Ag Performance	

¹ A county seeking a four extension must meet the criteria for a five year plan extension.

	& Prohibitions Implementation Plan 1-2 Work Plan-11	
b. Identify the specific conditions such as cropland nutrient runoff that will be addressed	Ag Performance & Prohibitions Implementation Plan 1-2 Work Plan-11	
c. Provide an adequate framework to evaluate whether the county is making reasonable progress in implementing all high priority activities	Plan – 71 Work Plan-1-14 Measureable Outcomes	

II. Planning requirements for counties seeking a 10 year LWRM plan approval, or a 5 year extension of a plan previously approved for 5 years.

Counties seeking a 10 year plan approval, or a 5 year extension of a previously approved 5 year plan, need to complete Section II to document that county planned over a 10 year horizon.¹

1. Please answer the following regarding each element of your planning process.	If “yes,” list the page numbers in the plan or work plan	If “no,” give a reason (e.g. not applicable)
a. The local advisory committee specifically considered this longer time horizon when they made their recommendations	Plan -1, 47	
b. The planning documents make a reasonable attempt to identify and analyze resource needs for a period of at least 10 years into the future.	Plan-18-19, 30,32,38	
c. The planning documents make a reasonable attempt to forecast applicable trends for a period of at least 10 years into the future.	Plan-18-19, 30,32,38	
d. The planning documents make a reasonable attempt to identify existing and anticipated priorities, with the understanding that changes are likely within the 10 year planning period.	Plan-18-19,43	
e. The plan describes the process for reviewing and updating objectives and activities during the 10 year period, including changes needed as a result of annual work planning and a five year review before the LWCB	Plan-iv, 1,42	

III. Review of Checklist

DATCP will collect and submit the completed guidance checklist to the LWCB without any review or comment from the LWRM planner. The LWCB will use the checklist to determine whether to recommend a plan approval or extension.

IV. Failure to meet checklist requirements

If the revised plan fails to meet the requirements for a 10 year approval, the LWCB will recommend approval of the plan for a 5 year period. If plan previously approved for a 5 year period fails to meet the LWCB requirements for a 5 year extension, the LWCB will recommend a one year extension in order to provide sufficient time for the county to prepare a plan update.

Revised October 1, 2013

Table 20: Land & Water Quality Initiatives Implementation Plan

Surface Water Initiatives

Goal 1: Promote sound stewardship through shoreland & stream bank management and enhancement of littoral & riparian habitat.

Objective A: Educate the public about the importance of riparian buffers & maintenance of shoreland habitat.		
Activity (highest priorities in BOLD)	Lead Agency (BOLD)/ Support Agency	Measurable Outcomes
1. Distribute shoreland information, restoration guides, native plant nursery lists to new shoreland owners & interested lake citizens.	LWCD	<ul style="list-style-type: none"> • Distribute information annually. • Correspond with zoning office.
2. Present programs on shoreland best management practices, erosion control techniques, and importance of littoral and upland native plants.	LWCD	<ul style="list-style-type: none"> • Present 2+ annual programs. • Target 50+ attendees.
3. Disseminate shoreland information through news articles, handouts, the LWCD website/Facebook page, and other media.	LWCD	<ul style="list-style-type: none"> • Publish 2 articles in lake association newsletters. • Update information on LWCD website. • Publish 1+article annually to local newspapers.
4. Promote responsible use of herbicides & phosphorous-free fertilizer to protect water quality.	LWCD UWEX	<ul style="list-style-type: none"> • Provide information as opportunities arise. • Include information on website.
5. Promote shoreland restoration through LWCD Plant Sale	LWCD	<ul style="list-style-type: none"> • Distribute 200+ Native Plant Sale brochures. • Target 2,000+ native plants sold annually.
6. Offer annual tour for elected officials of habitat restoration sites.	LWCD	<ul style="list-style-type: none"> • Offer one tour of restoration sites.

Table 20: Land & Water Quality Initiatives Implementation Plan

Surface Water Initiatives

Goal 1: Promote sound stewardship through shoreland & stream bank management and enhancement of littoral & riparian habitat.

Objective B: Implement practices that restore & protect degraded habitat by working with private landowners & local partners.		
Activity (highest priorities in BOLD)	Lead Agency (BOLD)/ Support Agency	Measurable Outcomes
1. Utilize state funds to provide cost-share incentives for installation of erosion control & riparian habitat.	LWCD	<ul style="list-style-type: none"> • Fund 4+ projects annually.
2. Promote maintenance or establishment of native plant buffer zones along riparian areas.	LWCD	<ul style="list-style-type: none"> • Assist in installation of riparian restoration.
3. Assist development of grants/projects for data collection of aquatic plants, invasive species, climate monitoring , self-help monitoring , etc.	LWCD	<ul style="list-style-type: none"> • Assist one public interest group annually with grant development.
4. Assist Zoning with development of shoreland mitigation plans so they are in compliance with NR 115.	LWCD Zoning	<ul style="list-style-type: none"> • Develop mitigation plans annually for zoning.
5. Job check 5 restorations/mitigations annually to monitor maintenance & recovery of buffer vegetation.	LWCD	<ul style="list-style-type: none"> • Review 5 riparian buffers annually for maintenance.
Objective C: Encourage shoreland protection & lake management planning activities.		
1. Conduct program to zoning & elected officials about economic & ecological benefits of healthy water resouces.	LWCD Zoning Towns	<ul style="list-style-type: none"> • Conduct programs for Zoning /County/Town boards as requested.
2. Assist Zoning with revision of Shoreland Zoning Ordinance to comply with NR 115, and other activities that protect shorelands.	Zoning UWEX LWCD	<ul style="list-style-type: none"> • Provide support.

Table 20: Land & Water Quality Initiatives Implementation Plan

Surface Water Initiatives

Goal 1: Promote sound stewardship through shoreland & stream bank management and enhancement of littoral & riparian habitat.

Objective C: Encourage shoreland protection & lake management planning activities. (Cont.)		
Activity (highest priorities in BOLD)	Lead Agency (BOLD)/ Support Agency	Measurable Outcomes
3. Prevent keyholing on lakes, rivers, and streams throughout the county.	Zoning ICLRA	<ul style="list-style-type: none"> Promote planning ideas through meeting interactions.
4. Distribute information on lake management topics such as: grants, project planning, aquatic plant management.	LWCD UWEX ICLRA	<ul style="list-style-type: none"> Provide information through public events and speaking engagements. Provide information on website & printed media.
5. Distribute information on septic impacts to WQ & responsible BMPs including no discharge of chemicals or waste into the system.	Zoning LWCD	<ul style="list-style-type: none"> Provide Zoning with handouts/information.

Table 20: Land & Water Quality Initiatives Implementation Plan

Surface Water Initiatives

Goal 2: Develop long –term strategy to protect & improve the quality of Iron County lakes & streams.

Objective A: Work with local students & citizens to provide educational opportunities that build awareness of water conservation & foster responsible actions.

Activity (highest priorities in BOLD)	Lead Agency (BOLD)/ Support Agency	Measurable Outcomes
1. Present 2+ education programs annually to lake/river groups.	LWCD	<ul style="list-style-type: none"> • Conduct 2+ education programs • Target 100+ people total.
2. Support Iron County Lakes & Rivers Alliance through grant projects & promoting water protection regulation & state lobbying efforts.	LWCD ICLRA	<ul style="list-style-type: none"> • Attend 3 meetings annually. • Support additional activities of the Alliance.
3. Develop articles on water quality.	LWCD	<ul style="list-style-type: none"> • Publish 2+ articles in lake association newsletters. • Update information on LWCD website/Facebook page.
4. Educate decision makers and citizens on the importance of wetlands in protecting water quality.	LWCD Zoning WWA	<ul style="list-style-type: none"> • Promote WWA wetland programs, encourage Iron County citizens, decision makers to attend workshops.
5. Provide information on stormwater retention.	LWCD UWEX	<ul style="list-style-type: none"> • Provide technical assistance • Provide information on the LWCD website.
6. Conduct programs for local schools on ENVIORTHON, the Conservation & Speaking Contest, water related programs, etc.	LWCD Hurley School Mercer School	<ul style="list-style-type: none"> • Support ENVIORTHON team for state competition. • Provide 20/training/informational meetings. • Present 2 programs for Poster & Speaking Competition w/20+ entries.
7. Coordinate WLWCA Youth Conservation Camp annually.	LWCD	<ul style="list-style-type: none"> • Coordinate Conservation Camp for 25 high school students from around the state.

Table 20: Land & Water Quality Initiatives Implementation Plan

Surface Water Initiatives

Goal 2: Develop long –term strategy to protect & improve the quality of Iron County lakes & streams.

Objective B: Promote monitoring & data collection.		
Activity (highest priorities in BOLD)	Lead Agency (BOLD)/ Support Agency	Measurable Outcomes
1. Encourage ICLRA, lake groups, & students to collect WQ data for Self-Help & Citizen-Based Monitoring.	LWCD Lake Associations	<ul style="list-style-type: none"> Assist school & lake groups with data collection/reporting. Monitor 5 lakes.
2. Assist lake, stream & wetland monitoring groups with expertise in data collection & reporting efforts to support climate change data recording.	LWCD	<ul style="list-style-type: none"> Assist school & lake groups with data collection & reporting. Monitor 5 lakes.
3. Identify lakes in need of WQ data	LWCD DNR	<ul style="list-style-type: none"> Maintain CLM volunteer database.
4. Coordinate Woods & Waters Project to collect data on water quality, loon reproduction & riparian plants.	LWCD Hurley School Mercer School	<ul style="list-style-type: none"> Coordinate 6 field days. Provide education to 80+ participants.
Objective C: Protect water quality by reducing soil erosion & stormwater runoff, including reduction of impervious surfaces, & utilizing best management of road salt use to prevent degradation of water resources.		
1. Provide technical assistance & cost-share to landowners for erosion concerns or stormwater runoff issues.	LWCD NRCS	<ul style="list-style-type: none"> Implement 3+ conservation practices annually.
2. Provide assistance & promote best management practices for water quality to municipalities, highway department, forestry, private landowners, etc.	LWCD NRCS	<ul style="list-style-type: none"> 10 hours support provided.

Table 20: Land & Water Quality Initiatives Implementation Plan

Surface Water Initiatives

Goal 2: Develop long –term strategy to protect & improve the quality of Iron County lakes & streams.

Objective C: Protect water quality by reducing soil erosion & stormwater runoff, including reduction of impervious surfaces, & utilizing best management of road salt use to prevent degradation of water resources. (Cont.)		
Activity (highest priorities in BOLD)	Lead Agency (BOLD)/ Support Agency	Measurable Outcomes
3. Compile strategies from resources on stormwater, invasive species, & forestry issues related to climate change.	LWCD	<ul style="list-style-type: none"> Seek training on stormwater, invasive species, & forestry concerns related to climate change.
4. Support Zoning Department review of construction site & stormwater plans to they meet compliance.	Zoning LWCD	<ul style="list-style-type: none"> Review construction/stormwater plans as needed.
5. Distribute Construction Site Best Management Practices packets & erosion control information.	Zoning LWCD	<ul style="list-style-type: none"> Provide Zoning with Erosion Control Best Management Practices packets.
6. Provide recommendations to towns on stormwater practices & reduction of impervious surfaces & road salt use.	LWCD	<ul style="list-style-type: none"> Provide education through programs, meeting, etc.
Objective D: Identify priority sources of non-point pollution & fish passage barriers.		
1. Coordinate with partners to identify failing culverts /fish barriers.	BRWA LWCD, USFWS, WDNR	<ul style="list-style-type: none"> Provide outreach to towns on culvert replacement. Identify one fish barrier to replace annually.
2. Seek grants & provide technical & financial assistance to restore fish barriers at critical road crossings.	LWCD NRCS	<ul style="list-style-type: none"> Assist road manager with road crossing/fish barrier restoration as needed.
3. Encourage participation at workshops for towns, highway and forestry on property culvert sizing/placement.	LWCD BRWA UWEX	<ul style="list-style-type: none"> Support education workshops.

Table 20: Land & Water Quality Initiatives Implementation Plan

Groundwater Initiatives

Goal 3: Protect drinking water/groundwater through monitoring, education, responsible land use practices and proper well abandonment.

Objective A: Educate the public about how land use affects groundwater quality and quantity.		
Activity (highest priorities in BOLD)	Lead Agency (BOLD)/ Support Agency	Measurable Outcomes
1. Provide groundwater education on land use & climate change to the public.	LWCD	<ul style="list-style-type: none"> • Provide one public program. • Provide one education article. • Maintain information on county website.
2. Identify groundwater recharge areas & educate the public about safe land management practices.	UWSP LWCD BWRA	<ul style="list-style-type: none"> • Coordinate w/UW Stevens Point on groundwater program. • Educate the public through presentations.
3. Offer groundwater education program to local schools.	LWCD	<ul style="list-style-type: none"> • Conduct one groundwater program @ 2 schools. • Target 40 students.
4. Sponsor students annually to attend WLWCA Conservation Camp.	LWCD	<ul style="list-style-type: none"> • Seek Iron County youth to attend camp. • Sponsor Iron County students.
5. Sponsor one annual scholarship for Crex Meadows Youth Conservation Camp.	LWCD	<ul style="list-style-type: none"> • Sponsor 1 Iron County student annually.
Objective B: Promote education to the public on well water testing & monitor groundwater quality throughout the county.		
1. Assist health department w/home drinking water & nitrate screening tests of private wells for chemicals	Health Dept. LWCD	<ul style="list-style-type: none"> • Provide 1 workshop every other year. • Sample 10 private drinking water wells every other year.
2. Host workshop about UWSP well water testing results.	UWSP Health Dept. LWCD	<ul style="list-style-type: none"> • Coordinate w/UWSP on groundwater program. • Host workshop on test results as necessary.
3. Coordinate w/UWSP Ground water Center to monitor groundwater concerns in the county.	UWSP Health Dept. LWCD	<ul style="list-style-type: none"> • Coordinate groundwater monitoring program.

Table 20: Land & Water Quality Initiatives Implementation Plan

Groundwater Initiatives

Goal 3: Protect drinking water/groundwater through monitoring, education, responsible land use practices and proper well abandonment.

Objective C: Promote proper well abandonment program.		
Activity (highest priorities in BOLD)	Lead Agency (BOLD)/ Support Agency	Measurable Outcomes
1. Promote proper well abandonment & provide cost share to decommission & abandoned well.	LWCD NRCS DNR	<ul style="list-style-type: none"> Promote well abandonment through education & media. Provide cost-share for well decommission.

Watershed Initiatives

Goal 4: Protect land & water resources from non-native Aquatic & terrestrial invasive species.

Objective A: Provide education & outreach to build awareness of aquatic & terrestrial invasives.		
Activity (highest priorities in BOLD)	Lead Agency (BOLD)/ Support Agency	Measurable Outcomes
1. Train citizens & volunteer groups to identify aquatic & terrestrial invasive species.	LWCD DNR	<ul style="list-style-type: none"> Coordinate programs to train individuals as requested.
2. Coordinate CBCW & Citizen Lake Monitoring workshops.	LWCD DNR	<ul style="list-style-type: none"> Coordinate CBCW/CLM workshops as requested.
3. Provide information to foresters, loggers, baitshops, anglers & landowners on impacts of terrestrial invasives including earthworms on woodland habitat.	LWCD DNR	<ul style="list-style-type: none"> Distribute brochures & resource materials annually. Keep website up to date.
4. Update & maintain information on the LWCD website.	LWCD	<ul style="list-style-type: none"> Update education articles quarterly & post events.

Table 20: Land & Water Quality Initiatives Implementation Plan

Watershed Initiatives

Goal 4: Protect land & water resources from non-native Aquatic & terrestrial invasive species.

Objective A: Provide education & outreach to build awareness of aquatic & terrestrial invasives. (Cont.)		
Activity (highest priorities in BOLD)	Lead Agency (BOLD)/ Support Agency	Measurable Outcomes
5. Broadcast public announcements over radio & television media; special focus during invasive species month.	LWCD	<ul style="list-style-type: none"> Broadcast & print media.
6. Provide programs to students, garden groups, & nurseries.	LWCD	<ul style="list-style-type: none"> Provide 5 programs annually.
Objective B: Develop program, monitor for & document invasive species throughout the county.		
1. Encourage a shoreland Sweep/AIS Bridge Snapshot Day for shoreland owners to identify & monitor for suspicious organisms.	LWCD DNR River Alliance	<ul style="list-style-type: none"> Coordinate monitoring program for residents.
2. Develop, install, & maintain AIS signage at designated boat landings.	LWCD	<ul style="list-style-type: none"> Inventory/Post landing signs/posts as necessary.
3. Encourage CBCW & Citizen Lake Monitoring volunteers to report monitoring results in SWIMS database	LWCD DNR	<ul style="list-style-type: none"> Report data annually into WDNR SWIMS database.
4. Utilize GIS to map aquatic & terrestrial infestations within the county.	LWCD	<ul style="list-style-type: none"> Further develop & maintain GIS database.
5. Develop annual AIS report for township and/or county board.	LWCD	<ul style="list-style-type: none"> Provide annual report on website.
6. Encourage volunteers to monitor for terrestrial plants & animals.	LWCD	<ul style="list-style-type: none"> Hold annual treatment/control field day.

Table 20: Land & Water Quality Initiatives Implementation Plan

Watershed Initiatives

Goal 4: Protect land & water resources from non-native Aquatic & terrestrial invasive species.

Objective C: Coordinate implementation of aquatic & terrestrial invasive species prevention & control.		
Activity (highest priorities in BOLD)	Lead Agency (BOLD)/ Support Agency	Measurable Outcomes
1. Update strategic plan to prevent & control the spread of aquatic invasive species throughout the county.	LWCD	<ul style="list-style-type: none"> Update 5-year strategic plan for Iron County aquatic invasive species.
2. Seek additional funding to maintain AIS education, prevention & control programs.	LWCD Xcel	<ul style="list-style-type: none"> Seek additional funding sources to fund continuation of the invasive program.
3. Attend regular meetings with NCWMA, USFS, DNR, UWEX, GLIFWC & other partners to plan projects & field days to control invasive species.	LWCD	<ul style="list-style-type: none"> Maintain relationships with partners to protect Iron County's resources from invasive species.
4. Support workshop to train town/county road crews about BMPs for invasives.	NCWMA LWCD	<ul style="list-style-type: none"> Support workshop for road crews. Target 12 attendees.
5. Provide technical/financial assistance on workdays to control/remove invasive species.	NCWMA NRCS LWCD	<ul style="list-style-type: none"> Provide assistance through work days.
6. Encourage BMPs for recreation trails to prevent the spread of invasive species.	ICORE ICF LWCD	<ul style="list-style-type: none"> Distribute BMP brochures.
7. Monitor & treat invasives along recreational trails.	ICORE NCWMA ICF LWCD	<ul style="list-style-type: none"> Hold annual treatment/control day.

Table 20: Land & Water Quality Initiatives Implementation Plan

Watershed Initiatives

Goal 5: Promote sound stewardship practices to protect agricultural lands, encourage sustainable forestry & maintain healthy watersheds while sustaining Iron County’s economy.

Objective A: Reduce nutrient inputs & promote compliance with NR 151 Standards.		
Activity (highest priorities in BOLD)	Lead Agency (BOLD)/ Support Agency	Measurable Outcomes
1. Distribute NR 151 agricultural performance standards information to interested landowners.	LWCD UWEX NRCS	<ul style="list-style-type: none"> Distribute brochures & information as necessary.
2. Coordinate nutrient management education workshop & certified farmer training course; & hold annual workday to update plans.	LWCD DATCP DNR	<ul style="list-style-type: none"> Assist coordination of one annual workshop. Coordinate one annual plan update meeting.
3. Utilize cost-share funds to encourage compliance with NR 151 for producers & cranberry operators.	LWCD NRCS	<ul style="list-style-type: none"> Implement practices as needed for compliance.
4. Track NR 151 compliance annually on all nutrient management plans.	LWCD	<ul style="list-style-type: none"> Review NM plans annually & field checks.
5. Provide technical & financial assistance for agricultural conservation projects.	NRCS LWCD	<ul style="list-style-type: none"> Implement conservation practices annually.
Objective B: Preserve agricultural lands, promote rotational grazing & protect croplands from wildlife damage.		
1. Promote Working Lands & other agricultural tax-incentive programs; update Farmland Preservation Plan.	LWCD NRCS	<ul style="list-style-type: none"> Promote programs for eligible landowners. Update county Farmland Preservation Plan 2015. Update website as needed.
2. Provide information on rotational grazing.	NRCS LWCD	<ul style="list-style-type: none"> Update website as needed.

Table 20: Land & Water Quality Initiatives Implementation Plan

Watershed Initiatives

Goal 5: Promote sound stewardship practices to protect agricultural lands, encourage sustainable forestry & maintain healthy watersheds while sustaining Iron County’s economy.

Objective B: Preserve agricultural lands, promote rotational grazing & protect croplands from wildlife damage. (Cont.)		
Activity (highest priorities in BOLD)	Lead Agency (BOLD)/ Support Agency	Measurable Outcomes
3. Contract WDNR to coordinate landowner abatement practices & wildlife damage compensation.	WDNR LWCD	<ul style="list-style-type: none"> Administer wildlife damage program.
4. Contract with WDNR to administer deer donation program in Iron County.	WDNR	<ul style="list-style-type: none"> Support deer donation program.
Objective C: Encourage sustainable forest management practices at the private & county level.		
1. Promote education about forest management & best management practices for water quality.	WDNR NRCS LWCD ICF	<ul style="list-style-type: none"> Provide brochures & outreach as necessary.
2. Coordinate Woods Project teaching sustainable forestry practices while studying the American marten.	LWCD ICF GLIFWC DNR Hurley School Mercer School	<ul style="list-style-type: none"> Host field outings; 12 annually. Provide information to private landowners on managing forests for wildlife. Present data to public, annual presentation/annual report Submit media releases – 3+ annually.
Objective D: Support long-range conservation planning through the Comprehensive Plan to protect natural resources.		
1. Attend regular meetings & provide feedback to towns, county board, & committees to support updates to the Comprehensive Plan.	ICZ UWEX LWCD	<ul style="list-style-type: none"> Attend 3 planning meetings. Provide 20 hours support.

Table 20: Land & Water Quality Initiatives Implementation Plan

Watershed Initiatives

Goal 5: Promote sound stewardship practices to protect agricultural lands, encourage sustainable forestry & maintain healthy watersheds while sustaining Iron County's economy.

Objective D: Support long-range conservation planning through the Comprehensive Plan to protect natural resources. (Cont)		
Activity (highest priorities in BOLD)	Lead Agency (BOLD)/ Support Agency	Measurable Outcomes
2. Promote Comprehensive Plan implementation through grants, education, & regulatory changes that conserve soil/water resources.	Zoning UWEX LWCD	<ul style="list-style-type: none"> • Provide recommendations as needed. • Provide 10 hours of support.
3. Encourage zoning regulation related to land & water resource protection.	Zoning LWCD	<ul style="list-style-type: none"> • Provide recommendations on Shoreland Zoning Ordinance. • Provide recommendations as needed.
Objective E: Collaborate with local natural resource agency partners to share information, project costs, & natural resource planning strategies.		
1. Include Lake Superior Management Plan goals in LWRM plan activities.	LWCD	<ul style="list-style-type: none"> • Coordinate goals/activities of related plan into activities.
2. Support, serve & assist state & regional boards, planning committees, & conferences such as WLWCA, WAL, NW-WLWCA.	LWCD	<ul style="list-style-type: none"> • Serve on boards & planning committees. • Attend 3 annual conferences & 8 annual meetings.

Table 20: Land & Water Quality Initiatives Implementation Plan

Watershed Initiatives

Goal 6: Protect NR by reducing non-point source pollution on roads & trails.

Objective A: Improve county road network, parks, & trails to reduce environmental impacts & costs.		
Activity (highest priorities in BOLD)	Lead Agency (BOLD)/ Support Agency	Measurable Outcomes
1. Promote stream health through stream restorations.	LWCD	<ul style="list-style-type: none"> • Provide technical assistance & cost-share for stream projects as needed.
2. Encourage inventory of logging trails/hunting access to identify resource concerns.	ICF LWCD DNR	<ul style="list-style-type: none"> • Provide recommendations as necessary.
3. Promote proper logging trail abandonment & runoff management on public land.	ICF LWCD DNR	<ul style="list-style-type: none"> • Provide recommendations as necessary.

CORRESPONDENCE/MEMORANDUM _____ **State of Wisconsin**

DATE: September 18, 2015

TO: Land and Water Conservation Board Members and Advisors

FROM: Keith Foye, DATCP 
Bureau of Land and Water Resources Management

SUBJECT: Request for five-year extension of the Marinette County Land and Water Resource Management plan

Recommended Action: Staff requests the LWCB to recommend approval of Marinette County's request to extend the expiration date of the county land and water resource management plan until December 31, 2020.

Summary: The land and water resource management plan for Marinette County is currently approved through December 31, 2015. In order to maintain eligibility for grant funding through the soil and water resource management grant program, Marinette County must receive approval of an updated plan or approval of a request to extend the plan expiration date before December 31, 2015.

The plan approved in 2011 is eligible for an extension of up to five years since it was written with a 10-year planning horizon. Marinette County has completed the appropriate extension request form, guidance checklist, and provided an updated plan of work that will cover activities during the five year extension period. The presentation to LWCB members will provide detailed information on the county's accomplishments over the last five years of the plan implementation.

Materials Provided:

Marinette County extension request materials:

- *4 to 5 year Extension Request form*
- *County-prepared LWCB checklist*
- *2010-2014 Goal and Activities Progress Table*
- *Marinette County LWRM Plan of Work 2016-2020*

Presenters: Greg Cleereman, Marinette County Conservationist



**Land and Water Conservation Board
County Land and Water Resource Management Plan
Form to Request Extensions of 4 or 5 Years**

County: Marinette

Extension request: 4 years 5 years

Reason for request: The goals and objectives of our current plan are still relevant to the programs and activities of Marinette County.

Requirements for a four or five year extension

1. Describe your county's progress in meeting planned goals and activities (e.g., nutrient management, water quality, FPP, etc) by listing key benchmarked activities pursued over the last five years.¹

See attached document, "2010 to 2014 Goals and Activities Progress Table"

2. Attach a completed guidance checklist documenting that your county plan has measureable benchmarks for key activities, an effective priority farm strategy, and includes sufficient elements to reflect a ten year planning horizon. An updated priority farm strategy may also be attached, if necessary.²
3. Attach an updated work plan that covers planned activities during the four of five year extension period you have requested.

Has your Land Conservation Committee approved this request? Yes No

Date approved: 9/14/2015

If no, approval expected by: (date of next LCC meeting)

Additional Comments (please limit response to two sentences):

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

TJ Saave

Date: 9-14-15

Send completed form and attachments to:

¹ Approval of this request requires a presentation to the LWCB to provide a detailed presentation identifying benchmarked activities and your progress in achieving the benchmark over the last five years.

² Guidance checklist available at: <http://datcp.wi.gov/uploads/Environment/doc/GuidanceChecklist.doc>



County-prepared checklist to determine compliance with criteria for a LWCB recommendation for a 10-year approval and 5-year extension¹

I. Requirements for benchmarking and priority farm strategies

All counties must have plans that meet the requirements identified in Section I, questions no 1-3. This checklist is intended to ensure that counties have fulfilled these requirements when they seek a 10 year plan approval, or a 5 year extension of a plan previously approved for 5 years.¹

1. For each key activity listed below, please answer whether or not the plan has specific, measurable benchmarks and targets	If “yes,” list the page numbers in the plan or work plan	If “no,” please provide a reason (e.g., not applicable)
a. Implementation of performance standards for farms	4,31,37	
b. Implementation of stormwater management and related urban standards		Not Applicable
c. Farmland Preservation conservation compliance	7	
d. Groundwater protection: quality and quantity	16-17, 31	
e. Permit and ordinance administration	35, 36	
f. Lake and stream protection (e.g. shoreline protected, invasive species management)	26, 27	
g. Watershed protection (e.g. phosphorus reduction/trading, TMDL, nitrogen management)	9-11, 14	
h. Program evaluation and monitoring	47	
i. Spending of state cost-share funds	34	
j. Forestry management	26, 30	
2. Does the plan provide adequate information about the benchmarked activity that includes: the objective, activities, responsible parties, timeframe, anticipated annual outcomes, and I & E tools?	29-32, 39-44	
3. Does the county’s priority farm strategy include the following items?		
a. Effectively implement state performance standards and conservation practices on farms	27, 31	
b. Identify the specific conditions such as cropland nutrient runoff that will be addressed	4, 14, 27	
c. Provide an adequate framework to evaluate whether the county is making reasonable progress in implementing all high priority activities	27, 47	

¹ A county seeking a four extension must meet the criteria for a five year plan extension.

II. Planning requirements for counties seeking a 10 year LWRM plan approval, or a 5 year extension of a plan previously approved for 5 years.

Counties seeking a 10 year plan approval, or a 5 year extension of a previously approved 5 year plan, need to complete Section II to document that county planned over a 10 year horizon.¹

1. Please answer the following regarding each element of your planning process.	If “yes,” list the page numbers in the plan or work plan	If “no,” give a reason (e.g. not applicable)
a. The local advisory committee specifically considered this longer time horizon when they made their recommendations	2, 26	
b. The planning documents make a reasonable attempt to identify and analyze resource needs for a period of at least 10 years into the future.	2, 22-23, 26	
c. The planning documents make a reasonable attempt to forecast applicable trends for a period of at least 10 years into the future.	2, 9-11, 49-51	
d. The planning documents make a reasonable attempt to identify existing and anticipated priorities, with the understanding that changes are likely within the 10 year planning period.	9, 51	
e. The plan describes the process for reviewing and updating objectives and activities during the 10 year period, including changes needed as a result of annual work planning and a five year review before the LWCB	26-27	

III. Review of Checklist

DATCP will collect and submit the completed guidance checklist to the LWCB without any review or comment from the LWRM planner. The LWCB will use the checklist to determine whether to recommend a plan approval or extension.

IV. Failure to meet checklist requirements

If the revised plan fails to meet the requirements for a 10 year approval, the LWCB will recommend approval of the plan for a 5 year period. If plan previously approved for a 5 year period fails to meet the LWCB requirements for a 5 year extension, the LWCB will recommend a one year extension in order to provide sufficient time for the county to prepare a plan update.

Activities to Meet LWRM Goals 2010 to 2014

To protect and enhance the viability of locally led conservation in Marinette County, across all program areas, staff actively participated on the following Wisconsin Land and Water committees: Legislative/Administrative, Professional Improvement, Outreach, Technical, and Environmental Education.

GOAL 1 - Help Marinette County citizens make the connection between land use and environmental quality.

Delivered 939 Teaching Outdoor Awareness and Discovery (TOAD) programs to 29,594 individuals.

Offered the three- day Sand Lake Conservation Camp to 421 6th to 8th graders from across Wisconsin and Upper Michigan.

Provided 20 editions of the Northwoods Journal; 5,000 papers per edition.

Continued to operate Harmony Arboretum in partnership with Marinette County UW-Extension, the Northern Lights Master Gardeners, and Chappée Rapids Chapter of the Audubon Society. Accomplishments included: creation of the Children's Learning Garden, 36' by 8' Chipmunk's Tunnel mural painting, 98 Nature and Horticulture seminars, and refurbishment of the Harmony Hardwoods Interpretive Nature Trail.

Hosted an extensive display at four Marinette County Fairs promoting natural shoreline visited by 7,472 individuals.

Five Environmental Poster Contests had 930 participants.

GOAL 2 - Control runoff pollution from riparian areas and forest lands. Increase natural habitat.

Continued to assist with implementation of Zoning and Storm Water regulations by providing site visits and restoration plans for 23 projects and/or parcels.

In partnership with the WDNR Forestry Program, continued to offer two tree planters for rental to private landowners.

Continued to work with six Lake Districts and Associations to improve lake management and build organizational capacity.

Conducted fish passage inventories in the Pike River and Pemebonwon River watersheds

Performed stream channel restoration on .9 miles of the Upper Middle Inlet, and .4 miles of the South Branch of the Pemebonwon River.

Performed monitoring and lake planning for four lake groups.

GOAL 3 - Control runoff pollution from agricultural lands. Increase natural habitat.

Primarily through the Targeted Runoff Management Program, installed 20 Manure Storage facilities, 4 Manure Storage Facility Roofs, 19 Barnyard Runoff Control Practices, 9 Barnyard Roofs, 3 Milking Center Waste Control practices, 5 Waste Treatment practices for feed leachate, 10 Manure Transfer Systems, and 11,830 feet of Livestock Fencing.

Ended winter spreading of manure on 6,222 acres of cropland.

Obtained Cost sharing for 3,667 acres of Nutrient Management Planning.

Obtained \$3,884,253.92 in DNR and DATCP cost sharing for agricultural BMP's

Leveraged an additional \$671,477.67 in NRCS cost sharing of agricultural BMP's on joint projects.

GOAL 4 -Manage and/or prevent the spread of invasive exotic species

Participated in two large grant projects to control *Phragmites australis* along the shore of Green Bay by, contacting 300+ landowners, providing outreach and publicity, mapping the plants, providing GIS data, and monitoring the success of the herbicide treatments.

Helped the WDNR with a project to stop the inland spread of phragmites, by mapping the plant's location, creating maps, and performing post treatment monitoring.

In all, thirteen WDNR AIS grants were obtained and implemented, including two Aquatic Invasive Species Coordinator grants, Rapid Responses to Eurasian Water Milfoil, Hydrilla, and Yellow Floating Heart infestations, creation of aquatic plant management plans for three lakes, design and construction of a diver assisted suction harvester, and siphon drawdown of Beecher Lake.

Drafted, and obtained Marinette County Board approval for, the Marinette County Invasive Species Strategic Plan

Continued active membership of the Wild River Invasive Species Coalition, including serving as vice chair of the organization and staff serving on two action teams.

Used WDNR, WRISC, and County funds to hire one watercraft inspector in 2011, three in 2012, and two in 2013. 2,153 boats were inspected and almost 4,800 boaters visited with.

Planned Activities for 2016

The activities listed in the following tables represent both ongoing programs and individual initiatives. Some activities will be completed in 2016, others in the year 2017. **High priority activities are bold.** *Estimated numbers are italics.*

A critical activity that reaches across all program areas is working with Wisconsin Land and Water and other stakeholders to protect and enhance the viability of locally led conservation in Marinette County.

<i>GOAL 1 - Help Marinette County citizens make the connection between land use and environmental quality.</i>
Objective A - Promote the appreciation and stewardship of local natural resources and build awareness of local natural resource problems.
General Information & Education (I&E) activities per year including: <i>4 editions</i> of the Northwoods Journal (average circulation of 5,000+ per edition), press releases as needed, maintain and expand web page.
<i>Hold at least 180 experiential environmental educational programs, environmental presentations, lessons, etc. using Teaching Outdoor Awareness & Discovery (TOAD) equipment at meetings, in classrooms, and in the field (193 programs provided to 6,427 individuals in 2014)</i>
Begin offering environmental and natural resources related classes through the Marinette Community Education Program
Continue to teach paddling skills, using our canoes, to Peshtigo Elementary Learning Center 5 th and 6 th graders
Hold 11th year of Sand Lake Conservation Camp, June 22 to 24 (<i>95 attendees in 2015</i>)
Help complete, develop curricula, and provide leadership to the Children's Learning Garden at Harmony Arboretum
Continue partnership with UWEX to deliver <i>twenty-five</i> Nature and Horticulture Seminars at Harmony Arboretum
Continue Environmental Awareness Poster Contest (<i>145 posters submitted from 7 schools in 2015</i>)
Environmental Field Day for 4 th Graders (<i>508 kids and 53 adults in 2014</i>)
Objective B - Support and promote land management practices which reduce runoff pollution and increase natural habitat.
Continue to advertise the LWCD as a source of technical and financial assistance
Objective C - Recognize those who use environmentally friendly land stewardship, install Best Management Practices for water quality, or work to protect Marinette County's land and water resources.
Highlight individual BMP's and landowners in the Northwoods Journal, local media, and WLW website
Objective D - Provide organizational and planning assistance to landowners, groups, and local government as requested
Continue to offer the newsletter template, <i>Notes From the Shore</i> , four times per year to <i>nine</i> lake associations and/or districts
Continue to serve as advisors to the Lake Noquebay Rehabilitation, McCaslin Lake, and Beecher Lake Districts
Continue to write grant applications and complete permit applications for lake groups

GOAL 2 - Control runoff pollution from riparian areas and forest lands. Increase natural habitat.

Objective A - Provide technical assistance and cost sharing to restore wetlands and shoreline habitat, stabilize eroding shorelines, and reestablish littoral zone vegetation and aquatic habitat.

Work with NRCS and USFWS to identify sites and design 1 wetland restoration project.

Develop a lake management plan for Glen Lake and control erosion at the boat landing

Restore 2000 feet of stream channel on the South Branch of the Pemebonwon River

Continue to seek resources and build internal capacity to restore additional stretches of streams

Objective B - Provide technical assistance and cost sharing for BMP's on developed riparian areas that protect water quality.

Promote the Wisconsin Healthy Lakes Implementation Program to restore shoreline and near shore habitat. Sign up 2 landowners for the program

Design/install two non-cost shared shoreline restorations on developed riparian lots

Work with the DNR Fish Biologist to initiate 1 fish habitat improvement project

Continue to provide technical and capacity building aid to local governments dealing with water quality problems

Objective C - Provide technical assistance and cost sharing for implementation of forestry BMP's.

Plant 30,000 trees with the Marinette County Tree Planter Rental Program

Continue to participate in backyard wildlife and other forestry management workshops

Objective D - Administer NR115, Shoreland Management Program

Continue to administer the Marinette County Shoreland/Wetland Ordinance including implementing the new impervious surface standards.

Continue to educate the public, landowners, and developers on the environmental reasons for the regulations

Provide mandated restoration plans for developed riparian lots in violation of the shoreland zoning ordinance.

GOAL 3 - Control runoff pollution from agricultural lands. Increase natural habitat.

Objective A - Provide technical assistance and cost sharing for constructed or somewhat permanent agricultural BMP's for water quality and fish and wildlife habitat protection.

Install **2** manure storage facilities, **1** manure transfer systems, **1** barnyard runoff control systems and **2** roofs using TRM program and LWRM Plan funds at **2** project sites.

Install a WASCOB at Gilas Lake

Apply for TRM grants on behalf of **five** additional landowners. *(In 2015, seven applications were developed)*

Continue to supply technical assistance to NRCS on joint projects.

Objective B - Provide technical assistance and cost sharing for planning and implementation of cropland BMP's

Using LWRM cost sharing, plan and implement **1500 acres of nutrient management**. *(In 2014, 1500 acres of nutrient management planning were cost shared)*

Continue to provide Manure Spreading Maps and other GIS assistance to cooperating producers and consultants

Objective C - Implement the Marinette County Agricultural performance Standards and Animal Waste Management Ordinance

Enforce the ordinance as needed

With the addition of LiDAR data layer to the Marinette County GIS, begin to explore the use of EVAAL as an assessment tool.

With the addition of the Healthy Watersheds Assessment tool, begin to analyze the data and investigate low scoring catchments in agricultural watersheds.

Objective D - Implement priority farm strategy

Begin implementation of the Nine Key Element plan for the Lower Peshtigo River Watershed (GB07)

Begin creation of a Nine Key Element Implementation Plan for the Little Peshtigo River Watershed (GB08)

As time and resources allow provide technical assistance to WPDES permitted farms

Continue participation on the Barnyard Compliance Team to define "significant discharge" from barnyards

Monitor **25** farms that installed bond funded BMP's to verify proper Operation and Maintenance

Continue to administer remaining FPP contracts.

Continue to administer NR135 for 78 active mines through the Nonmetallic Mining Reclamation Ordinance

GOAL 4 -Manage and/or prevent the spread of invasive exotic species

Objective A - Provide technical assistance and/or cost sharing for the prevention and control of exotic species infestations

Continue to control known Garlic Mustard infestations in Marinette County

Maintain aquatic pesticide applicator certification and spray equipment

Objective B - Increase interagency communication and cooperation.

Participate on the Wild Rivers Invasive Species Coalition Board of Directors and Terrestrial Species and Aquatic Invasive Species Action Teams

Work to establish enforcement partnerships with local law enforcement and municipalities to prevent the spread of AIS

Maintain and update Marinette County invasive species documentation and GIS map layers

Objective C - Increase the involvement of non governmental organizations in exotic species management

Help the Thunder, Eagle, and Island Lakes Association with phragmites control at Eagle Lake

Use the hydraulic aquatic plant harvester at Thunder and Little Newton Lakes to control Eurasian Water Milfoil (EWM)

Encourage and provide capacity building support to groups that want to help with exotic species control

Implement phase II (dam modification and dredging) of a project to control EWM at Beecher Lake

Objective D - Educate the public and decision makers about prevention and control of exotic invasive species

Publicize and update exotic species issues in the *Northwoods Journal*, press releases, Marinette County web site, etc.

Coordinate and implement a project to station two watercraft inspectors and a boat/trailer wash station at County Lakes

Continue to map the spread of AIS such as Phragmites and Japanese Knotweed.

Work with the Marinette County Highway Department on control/management of right-of-way invasive species.

Develop additional educational materials and displays highlighting current and new threats from exotic species as well as control measures

Continue to participate in workshops, public hearings, local meetings

Objective E - Promote and assist volunteer monitoring of exotic species

Hold at least one Clean Boats Clean Waters workshop to teach boat landing inspectors/educators and coordinate volunteers

Agenda Item #10 — Report of the 2014 program accomplishments by counties

Please note that the materials for Agenda Item #10 are not included in the mail-out of October 6, 2015 LWCB meeting materials. Materials for this agenda item will be handed out during the presentation.