

**COUNTY OF EAU CLAIRE  
EAU CLAIRE, WISCONSIN  
"NOTICE OF PUBLIC MEETING"**

In Accordance with the provisions of Chapter 19, subchapter IV, Wisconsin Statutes,  
**NOTICE IS HEREBY GIVEN** of the following public meeting:

THE LAND CONSERVATION COMMISSION  
WILL MEET ON MONDAY, APRIL 11, 2016 TIME: 5:15 P.M.  
PLACE: AGRICULTURE & RESOURCE CENTER  
227 1<sup>ST</sup> ST. WEST, ALTOONA, WI 54720

OPEN SESSION

**AGENDA**

1. Call to Order
2. Public Input Session (30 minute maximum) – *Discussion*  
Please Note: Limit of 3 minutes per speaker
3. Approve Minutes – *Discussion/Action* **Pages 5-7**
4. County Cost-Share Applications and Ledger Update – *Discussion/Action* **Pages 8-11**
  
5. Rain to Rivers Program Internal Audit – *Discussion/Action*
6. Land Stewardship Subcommittee Nominations – *Discussion/Action*
  
7. Agency Updates and Committee Member Reports – *Discussion* **Pages 12-16**
8. Next Meeting Date – *Discussion/Action*
9. Adjourn – *Discussion/Action*

**PLEASE NOTE:** *Upon reasonable notice, efforts will be made to accommodate the needs of individuals with disabilities through sign language, interpreters or other auxiliary aids. For additional information or to request the service, contact the County ADA Coordinator at 839-4710, (Fax:) 839-1669 or 839-4735, tty: use Relay (711), or by writing to the ADA Coordinator, Human Resources, Eau Claire County Courthouse, 721 Oxford Avenue, Eau Claire, WI 54703.*

RECEIVED \_\_\_\_\_

POSTED \_\_\_\_\_



Eau Claire County  
DEPARTMENT OF PLANNING  
AND DEVELOPMENT

Land Conservation Division  
227 First Street West, Altoona, WI 54720  
Phone: (715)839-6226 ♦ Fax: (715)839-6277  
E-mail: lcd@co.eau-claire.wi.us

Housing & Community Development  
839-6240  
Emergency Services Management  
839-4736  
Land Information  
839-4742  
Land Use Controls  
839-4743  
Building Inspection  
839-2944  
Planning  
839-5055

April 6, 2016

TO: Land Conservation Commission  
FROM: Kelly Jacobs  
LCD Supervisor  
RE: Land Conservation Meeting – Monday, April 11, 2016

**Minutes** – *Discussion/Action*

Approve the enclosed 3/7/16 LCC Minutes.

**Vouchers** – *Discussion*

Listing enclosed.

**County Cost-Share** – *Discussion/Action*

At the time of this packet, no new applications have been finalized for 2016.

**Rain to Rivers Program Internal Audit** – *Discussion/Action*

This item was carried forward from the previous meeting agenda. Additional documentation will be provided at the meeting.

**Land Stewardship Subcommittee Nominations** – *Discussion/Action*

This item was carried forward from the previous meeting agenda.

**Agency Updates and Committee Member Updates** – *Discussion*

**Set Next Meeting Date** – *Discussion/Action*

Tentatively scheduled for May 9, 2016.

Enclosures

**2015 LCD Programs & Projects**

**Cost-Share** –

NAME	PROJECT	COUNTY COST SHARE	STATE COST SHARE

**Farmland Preservation and Nutrient Management**

- The informational meetings for the Golden Triangle AEA are set for April 7<sup>th</sup> and 8<sup>th</sup>. (See attached.) The state would like to receive signed applications in Madison by the end of October to complete the paperwork to become eligible for the current year's tax credit. Each year, a new application process begins so there are continuous sign-up opportunities.

Nutrient Management related projects

- The Health Department has an intern this summer working on Phosphorous studies in surface waters. We will be given access to this intern and she will help farmers get their nutrient management plans converted to the Snap-Plus computer program, which helps track phosphorous.
- We are working with the Village of Fall Creek, DNR, WI Land+Water, and the Wisconsin Rural Water Association (WRWA) on the "Wellhead Protection Nitrate Initiative". (See attached.) The project is researching and calibrating models for Nitrate transport.

Scott Randall-City of Augusta NOI/NOD project is on temporary hold because the EPA may not accept the existing standards for discharge.

**Wildlife Damage Program**

We are looking into the possibility of holding a training session on Canada goose population control methods.

**Construction Site Erosion Control (UDC reviews)**

- As of March 29, 2016 the Land Conservation Division has received and reviewed seven applications compared to seven at this same time in 2015.

**Stormwater and/or Erosion Control Plans & Subdivision Reviews –**

*2016 Permit Applications*

Date	Name	Permit #	Permit Type
1/6/16	Arrowhead Properties	EC-01-16	Small Site
1/11/16	Menards – Westgate	SW-01-16	Stormwater
1/28/16	Haas Residential Lot	EC-02-16	Small Site
3/17/16	Pisek, Todd	EC-03-16	Small Site
3/18/16	Creative Construction	EC-04-16	Small Site

**Defined process for Municipal projects under the Stormwater Mgt. & Erosion Control Ordinances:**

**Completed:**

Town of Washington	5-26-2015	Agreement Complete and signed by all parties.
Town of Drammen	5-26-2015	Agreement Complete and signed by all parties.
Town of Pleasant Valley	5-26-2015	Agreement Complete and signed by all parties.
Town of Seymour	11-2-2015	Agreement Complete and signed by all parties.
Town of Wilson	11-23-2015	Agreement Complete and signed by all parties.
Town of Fairchild	12-29-2015	Agreement Complete and signed by all parties.
Town of Lincoln	3-14-2015	Agreement Complete and signed by all parties.
Town of Ludington		Town Ordinance adopted to address Storm Water Management and Construction Site Erosion Control.
Town of Brunswick	12-10-2015	Town Board voted to reject the intergovernmental agreement and therefore will comply project-by-project.

**Still Pending:**

Town of Union		Agreement approved by Town Board and waiting on final signatures.
Town of Bridge Creek		Jacobs has met with the Town Board, provided draft agreement, and final consideration was expected by the end of calendar year 2015.
Town of Otter Creek		Jacobs discussed at the November Town Board meeting and distributed draft agreement. Final consideration was expected by the end of calendar year 2015.
Town of Clear Creek		Jacobs discussed at the November Town Board meeting and has developed draft agreement. Final consideration was expected by the end of calendar year 2015.
Lake Eau Claire District		Expressed interest in the agreement. Jacobs will be drafting a template for their consideration.

**EAU CLAIRE COUNTY  
LAND CONSERVATION COMMISSION**

**MEETING MINUTES – MONDAY, MARCH 7, 2016  
AGRICULTURE & RESOURCE CENTER – ALTOONA, WI**

**MEMBERS PRESENT:** Ray Henning, Tami Schraufnagel, Robin Leary, Gary Gibson, Bruce Willett, Glory Adams, Dean Solie, Ron Erickson

**MEMBERS EXCUSED:**

**STAFF PRESENT:** Kelly Jacobs, Chad Berge

**OTHERS PRESENT:** Jen Roetter (NRCS), Fred Poss (Lake Eau Claire Association)

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**1. Call to Order**

The meeting was called to order at 5:17 PM by Chair Leary.

**2. Public Input Session**

Fred Poss, Lake Eau Claire Association

- Cleaned out upriver traps
  - o 8,000 or more yards out of Troubled Waters trap
  - o Gravel pit, 4,000 or more yards
    - Also searching for alternate places to move sand from out of the gravel pit deposit site to allow for more space
- Thanked the County for support thus far and asks for continued support as they move forward
- Army Corp of Engineers looking at cleaning out back channels and feasibility of that (sediment & phosphorus)
- Working with Rain to Rivers and/or Eau Claire River Coalition on some initiatives
- Poss and the Association put 183 cribs in the lake and completed 55 treefalls since last fall

Lake Altoona also finished digging today or yesterday and would love to see them do more fisheries habitat work too.

**3. Approve Minutes**

Motion by Erickson to approve the February 8, 2016 minutes as presented. All in favor. Motion carried.

**4. County Cost-Share Applications and Ledger Update**

LCC reviewed.

**5. Opportunities in the CREP program**

Chad Berge presented information about the program. Indicated that we are currently working out the best process given that we have all new staff involved at both USDA and County (as compared to the previous enrollments). About 70 current contracts will be expiring within the next year so we are preparing for re-enrollments but also want to get the word out about this program to others. Very good financial incentives for both the 15 year agreement and permanent easement options. There is also some potential for new practices (i.e. pollinators). Suggestion to include information on this program on our County website? Berge will also share with Bob Bosold on the upcoming conservation message radio spot.

## 6. Land Stewardship Subcommittee Members

Nominations are accepted via applications on the website – boards, commissions, councils. Land Stewardship Subcommittee requested delaying the nominations until after the April 5 elections. Land Conservation Commission members agreed that those currently appointed on the Subcommittee will remain in their position until a new person has been selected to replace them.

## 7. Rain to Rivers Program Internal Audit

The Land Conservation Commission, by consensus, directed Lance Gurney, Scott Rasmussen, and Kathy Schauf to schedule a meeting to review the findings in the February 8 memo and requested that they report back to LCC by their next meeting. The LCC asked that they be informed of when the meeting is scheduled and want a response to this in a reasonable manner.

## 8. Agency Updates and Committee Member Report

USDA-NRCS report – Jen Roetter, District Conservationist

- Five more EQIP applications were upgraded to High Priority. NRCS will know by the end of March of which applicants were funded. The contracts will be awarded by April.
- Monarch initiative -Eight practices funded in last year's fall signup
- CSP - \$'s for what they are doing plus an additional enhancement
  - 17 applications goal by the end of the month (currently have eleven in the system)
  - Renewals coming too (from 2012 signup)
- CRP SAFE - acres all used – 2,500 acres. Pollinators and native grasses
  - 17 landowners this spring.
- CRP HEL – rates are really good
  - February 26<sup>th</sup> general CRP. Only 35 signed up: rest went to the SAFE and HEL
- Earth Team volunteers – biologist training with UWEC
  - Working now and through the summer – mostly CRP focused
- Program Support Specialists being hired for Altoona, Durand, & Barron

Leary thanked the County and the Committee for the opportunity to attend the Wisconsin Land + Water Conservation Association Annual Conference. She reported on sessions that she attended:

- Lake Superior Fish Community
- Endangered Resources
- Clean Water Act/Safe Drinking Water Act.

Also discussed the elections for three LWCB members.

Glory Adams also added highlights from the following presentations:

- Ray Archuleta (keynote on soil health)
- Kewaunee Co. Public Health and Groundwater protection ordinance (Protective measures in a Karst foundation)
- Ken Bradbury – Recharging of Groundwater (Problems locally).
- Adaptive Management being pursued by Muniwater – seeking a variance for 20 years to look from GB at phosphorus.
- Manure irrigation (Pathogens covered, 800 page report coming out soon)
- Wetlands (DNR developing a screening process)
- Farmer led watersheds (including Dunn County)
- Running effective meetings

Jacobs also discussed the WI Land+Water awards given to Greg Leonard for State Conservation Technician of the Year and Dave Carlson for State Conservation Steward.

**11. Next Meeting Date**

Monday, April 11, 2016 at 5:15 PM at the Ag & Resource Center in Altoona.

**12. Adjourn**

Leary adjourned the meeting at 6:23 PM.

Respectfully submitted,

Kelly Jacobs, Land Conservation Manager

**Land Conservation Division  
March 2016**

The following bills were sent to the Finance Department for payment.

<b>Vendor</b>	<b>Line Item #</b>	<b>Amount</b>	<b>Description</b>
Blue Ribbon Express	57410-326-000	\$ 23.70	Poster Contest Ribbons
Blue Ribbon Express	57410-326-000	\$ 11.75	Additional Poster Contest Ribbons
Country Today	57410-320-000	\$ 40.00	Subscription Renewal
Eau Claire Co. Hwy.	57410-241-000	\$ 70.42	Fuel (3 trucks) 1/24/16 - 2/20/16
Eau Claire Co. LCD	57410-200-008	\$ 2,000.00	R2R Intergovernmental Agreement
Jacobs, Kelly	57410-330-000	\$ 41.31	Feb./Mar. Expense Sheet - Mileage
Jacobs, Kelly	57410-340-000	\$ 146.41	Feb./Mar. Expense Sheet - Travel/Training
Lake Eau Claire Protection & Rehab. Dis.	48503-000-000	\$ 27,445.00	Sediment Trap Cleaning
Leonard, Greg	57410-340-000	\$ 33.60	March Expense Sheet
St. Croix River Assoc.	57410-200-008	\$ 500.00	St. Croix Summit
Tainter Menomin Lakes Assoc. (TMLIA)	57410-200-008	\$ 1,000.00	Water & People Convergence (R2R)
US Bank	57410-200-008	\$ 295.00	Smartlite - R2R Display Space Rental
US Bank	57410-340-000	\$ 199.98	Lodging - MOSES Conference (KJ)
US Bank	57410-340-000	\$ 39.27	Fuel - WI Land + Water Conference
US Bank	57410-340-000	\$ 20.00	Fuel - WI Land + Water Conference
US Bank	57410-200-008	\$ 295.00	R2R Display - Smartlite
WC WI Land + Water Conservation Assoc.	57410-324-000	\$ 75.00	2016 Dues
WI Land + Water Conservation Assoc.	57410-340-000	\$ 1,350.00	Conf. Reg. (JK, GL, CB, SW, GA)
WI Land + Water Conservation Assoc.	51110-340-000	\$ 270.00	Conf. Reg. (RL)
<b>TOTAL</b>		<b>\$ 33,856.44</b>	



Applicant	Month	CCS #	Practice	Staff Est. Cost		Contractors Bill		County Cost Share 5% / 75%		LW RM 70%		DATCP NPM	
				Estimate	Actual	Estimate	Actual	Estimate	Actual	Estimate	Actual	Estimate	Actual
Gabler, Bill			Prescribed Grazing	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Harrmundson, David			Gully Erosion	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Broganna			Stream Erosion	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Ressler, Ruth			Stream Bank Erosion	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Mulbee, Mark			Barn Yard	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Stranch, Ricky			Barn Yard	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Carell, Loren			Grassed Waterway	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Todd Stanek			Barn Yard	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Schirer, Mel & Shawn			Prescribed Grazing	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Nicolet, Andy			Grade Stabilization	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Rystrau, Larry			Barn Yard Repair	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Ron Steinke			Grassed Waterway	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Issacson, Josh			Grassed Waterway	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Griske, Scott			Grassed Waterway	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Wittling, Gary			Grassed Waterway	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<b>Well Abandonment</b>													
<b>Nutrient Management</b>													
<b>TOTALS</b>				\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<b>GRANT BALANCE</b>				\$	\$	\$	\$	\$	\$	\$	\$	\$	\$

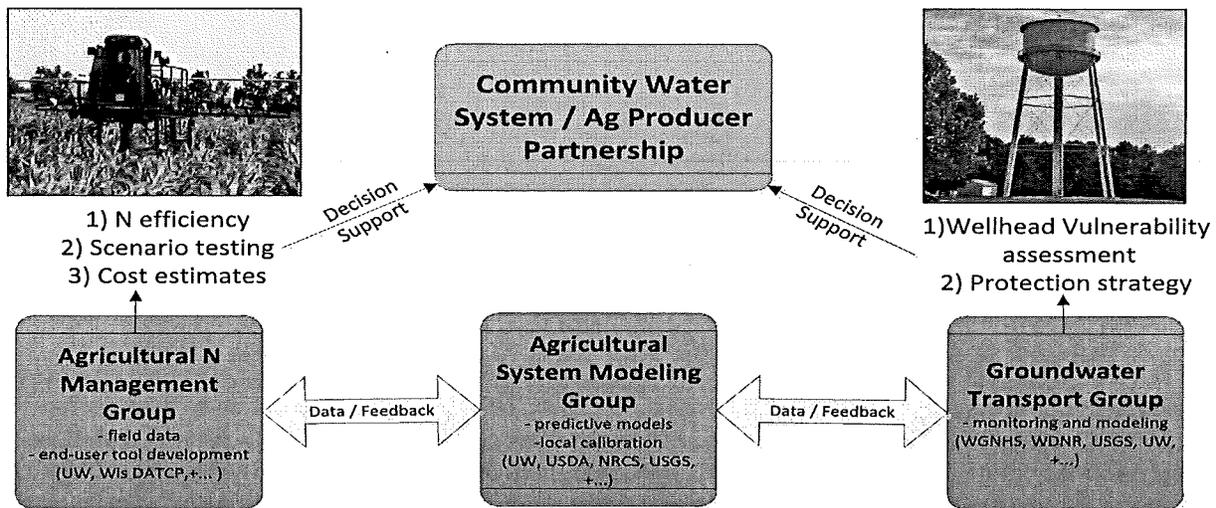


# Wellhead Protection Nitrate Initiative

*“Decision support tools for communities with rising nitrate levels in public wells”*

To address rising nitrate levels in public wells, the WDNR, the WI Land+Water and numerous Initiative partners are developing wellhead protection pilot projects in several Wisconsin communities. These pilots will provide opportunities for researchers, farmers, and communities to test field scale methods to maximize nitrogen utilization, measure results, and develop new decision support tools. The goal is to form the technical and economic foundation for community investment in this form of wellhead protection, and meet dual objectives of protecting sources of drinking water while maintaining farm profitability.

*We are working with agricultural and groundwater experts to apply research in three community settings where collaborative partnerships have been initiated: Spring Green, Fall Creek, and Waupaca. Workgroups are forming with diverse expertise including nitrogen management, agricultural system modeling, and groundwater modeling. The process will involve data collection, application of nitrogen management practices, and the calibration of crop models and N transport model. A primary research objective is to test and integrate methods to manage uncertainty associated with field, climate, plant and management practice variability. Through a process of multi-season refinement and formalization of methods, we will develop end-user tools to assist communities and producers plan to maintain safe sources of drinking water. We anticipate that an added benefit to the community will be cost savings compared to mitigation options like well replacement, blending or water treatment.*



### Coordinating wellhead protection with N management to maintain safe drinking water nitrate levels

Project activities will be funded using available federal funds (primarily Safe Drinking Water Fund) as well as in-kind work provided by the USGS and others. Funding will cover state site selection, project direction, local project management (e.g., landowner outreach, data gathering, and nitrogen management support), technical support (e.g., research, data collection, system modeling), as well as participation incentives (e.g. insured production, new practice application support).

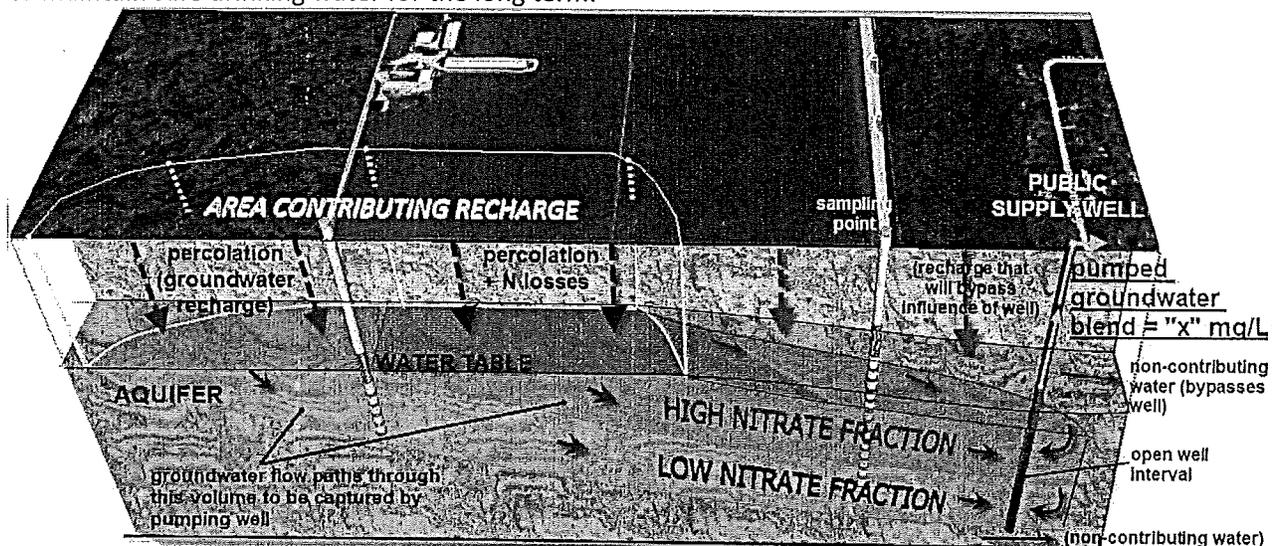
## Background

Nitrate is the groundwater contaminant that most commonly compels public water systems in Wisconsin to take required corrective actions for exceeding the maximum contaminant level (MCL) for drinking water. Typically, communities will choose between expensive infrastructure upgrades. A 2012 survey of Wisconsin municipal drinking water systems showed that respondents had collectively spent over \$34 million on nitrate remedies, up from \$24 million in 2004, and that 74 municipal systems were presently experiencing increasing nitrate levels.

## Problem Characterization

Because pumping wells draw in and mix waters originating from areas of the landscape at different points in time, the resultant concentration of a contaminant produced by a well is challenging to predict. To better inform a protection strategy, new methods are required to characterize nitrogen transport and the interaction of the pumping well with the hydrogeologic system.

Reliably predicting nitrogen utilization is inherently difficult due to variability in factors such as landscape, climate, plant and practice conditions. The objective is to test practices and system models over several seasons, calibrate for specific regions of the state, and formulate ways to manage prediction uncertainty. By integrating methods demonstrated to work at field scale, we'll produce effective tools for communities to maintain safe drinking water for the long term.



Pumping wells capture and mix waters of varying ages and quality, related to the flow paths taken by water moving through the surficial soil and aquifer. Knowing more about the flow paths captured will help planners determine strategies to keep nitrate concentrations below 10 mg/L. The Groundwater Transport Group will help to better characterize the connection between the pumping well and areas on the landscape contributing recharge to that well. The Agricultural Nitrogen Management group will help to minimize nitrate losses to groundwater using existing and emerging beneficial practices, collect field data and develop an economic framework. The Agricultural System Modeling group will help with scenario testing of potential practices, including effects on yield, and with quantifying remaining losses to groundwater. End user tools will be developed based on an integration of the methods and lessons learned from the application of research throughout the state.

For more information:

Jim VandenBrook, WI Land+Water ([jim@wisconsinlandwater.org](mailto:jim@wisconsinlandwater.org)); Brian Austin – WDNR ([brian.austin@wisconsin.gov](mailto:brian.austin@wisconsin.gov)); Mary Ellen Vollbrecht – WDNR ([mary.vollbrecht@wisconsin.gov](mailto:mary.vollbrecht@wisconsin.gov)); Elizabeth Finzer - WDNR ([Elizabeth.Finzer@wisconsin.gov](mailto:Elizabeth.Finzer@wisconsin.gov)); Andrew Aslesen – WRWA ([AAlesen@wrwa.org](mailto:AAlesen@wrwa.org));

**GOLDEN  
TRIANGLE**



**Golden Triangle AEA  
Town Hall Meetings**

Eau Claire County Land Conservation will be hosting 4 meetings to discuss the Farmland Preservation Program and the newly formed Golden Triangle Agricultural Enterprise Area (AEA). Our goal is to answer your questions.

Each of the 4 meetings will be the same, so there is no need to attend more than one. Each meeting should last approximately 1 hour.

<u>Location</u>	<u>Date</u>	<u>Time</u>
Town of Lincoln – Town Hall	Thurs. April 7 <sup>th</sup> , 2016	10:00 a.m.
Town of Washington – Town Hall	Thurs. April 7 <sup>th</sup> , 2016	1:00 p.m.
Town of Bridge Creek – Town Hall	Friday April 8 <sup>th</sup> , 2016	10:00 a.m.
Town of Otter Creek – Town Hall	Friday April 8 <sup>th</sup> , 2016	1:00 p.m.

***“We have the Golden Triangle AEA... now what?”  
Come to one of the Town Hall Meetings and find out!***



## UPCOMING EVENTS AND DEADLINES



- April 1            Producer Led Watershed Protection Grant proposals due to DATCP  
***Livestock Facility Siting Review Board will meet in Madison***
- April 5            ***Land and Water Conservation Board (LWCB) meeting at DATCP, Madison***
- April 6-June 20    After the April county board elections and reorganization, area associations are to elect and appoint officers and representatives to the WI Land+Water Board of Directors by June 20
- April 15            Wisconsin Envirothon in Rosholt at the Wisconsin Lions Camp
- Due date for 2017 DATCP Joint Grant Application
- Targeted Runoff Management (TRM) grant applications due
- Urban Nonpoint Source and Storm Water Management (UNPS&SW) grant applications due to DNR
- Notice of Discharge (NOD) grant applications are due to DNR. June and August applications are only accepted if funds are available after the April 15 application project reviews.
- Deadline for 2016 Nutrient Management Farmer Education Grant applications to DATCP
- Notice of Intent/Discharge Cost-share Grants can be submitted continuously throughout the calendar year. Applications will be bundled and reviewed by DNR and DATCP on April 15, June 15, and August 15.
- April 28            New Conservation Employee Training being held at DATCP in Madison
- April 29            Deadline for submitting Agricultural Enterprise Area (AEA) petitions for designation in 2016 to DATCP
- May 10             Applications due for Conservation Innovative Grants (CIG) to NRCS  
***Pre-proposals due to NRCS for Regional Conservation Partnership Program (RCPP) 2017 funding***
- May 18             Discounted registration deadline for Sand Lake Conservation Camp being held June 22-24
- June 3              Registration deadline for WI Land+Water Youth Conservation Camp being held June 20-24
- June 10             Application deadline for the National Water Quality Initiative (NWQI) to NRCS
- June 20             Deadline for area associations to elect and appoint officers and representatives to the WI Land+Water Board of Directors
- July 21              ***WI Land+Water Board of Directors' meeting in Wisconsin Rapids***
- July 21-22          ***County Conservationist meeting in Wisconsin Rapids***
- August 26          ***Conservation Observance Day in Calumet County at Meuer Farm***



### WISCONSIN LAND+WATER

For more information or questions, please contact  
Penny Pohle at [penny@wisconsinlandwater.org](mailto:penny@wisconsinlandwater.org) or (608) 441-2677 Ext. 6

1 **PROCLAMATION**

2  
3  
4 -PROCLAIMING THE WEEK OF APRIL 24<sup>TH</sup> TO MAY 1<sup>ST</sup> AS “SOIL AND WATER  
5 STEWARDSHIP WEEK” IN EAU CLAIRE COUNTY-

6  
7 WHEREAS, fertile soil and clean water provide us with our daily sustenance; and

8  
9 WHEREAS, effective conservation practices have helped provide us a rich standard  
10 of living; and

11  
12 WHEREAS, our security depends upon healthy soil and clean water; and

13  
14 WHEREAS, stewardship calls for each person to help conserve these precious  
15 resources; and

16  
17 NOW, THEREFORE, I, Gregg Moore, Chair of the Eau Claire County Board of  
18 Supervisors, do hereby proclaim April 24<sup>th</sup> to May 1<sup>st</sup>, 2016 as “Soil and Water Stewardship  
19 Week” in Eau Claire County.

20  
21 PRESENTED: This \_\_\_\_\_ day of \_\_\_\_\_, 2016.

22  
23  
24  
25 \_\_\_\_\_  
26 Gregg Moore, County Board Chair  
27  
28  
29  
30