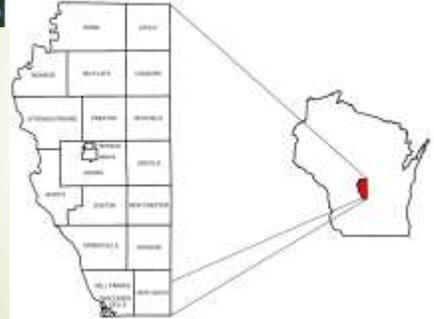


Adams County Land & Water Resource Management Plan



Location



Mission Statement

*Adams County Land and Water Conservation
Improving, protecting and investing in the natural resources
of Adams County*

Land & Water Resource Management Plan – 2016-2025

2011-2015 Accomplishments



Information & Education
Technical Assistance
Grants / Funding
Coordination / Administration

2011-2015 Accomplishments Information & Education

Envirothon
CLC Afterschool Education/Summer School Programs
Public Presentations
Professional Development
Department Website
www.adamscountylwcd.net



Lake Organization Assistance

- Waterfront Property Owner Packets
- Water Quality testing
- Clean Boats Clean Waters
- Lake Management Plans
- Removal of invasive species



2011-2015 Accomplishments *Technical Assistance*

Conservation Projects (12 Shoreline, 10 Streambanks,
4 Lined Waterways, 2 Wetland Restorations, 2 Grassed Waterways,
1 MS Closure, 3 MS Constructed = **41 PROJECTS**)

Groundwater/Stream Monitoring Projects
(Citizen/Volunteers)

AIS Partnership (UW Extension, UW Stevens-Point, WI Lakes, WDNR, Fish and Wildlife
River Alliance, Golden Sands RC&D, Adams County Lake Districts)

Grant Assistance

AIS Project/Lake Monitoring (4 Lakes annually)

Central Wisconsin Winshed (7 Wind Breaks)



2011-2015 Accomplishments *Grants & Funding*

\$634,075	DATCP Staffing
\$196,930	Lake Protection Grant
\$191,620	AIS Grant
\$100,091	WDNR Wildlife Damage
\$65,000	Municipal Dam Grant
\$9,000	Small Scale Lake Protection
\$7,680	Lake Planning Grant
\$6,750	Lakefront property owner packets
\$1,000	Farmer Education 590 training

2011-2015 Accomplishments *Coordination / Administration*

Lake Association/Lake Districts
Coordination of Citizen Volunteers
Department Administration
Annual Reporting

Resource Assessment

General Land Use

- Agriculture
- Forestry
- Residential Development
- Commercial & Industrial Development

Water Resources

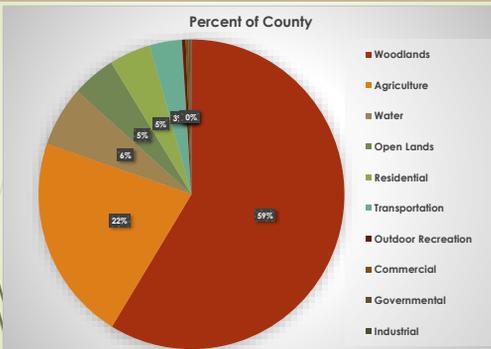
- Surface Water
- Ground Water

Invasive Species

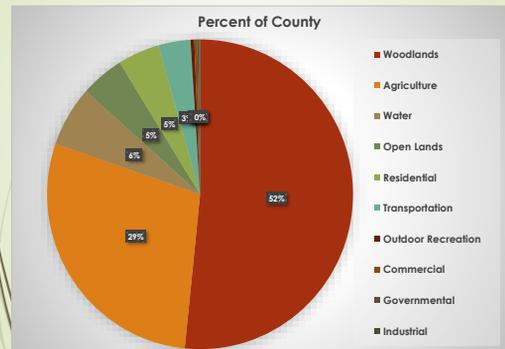
- Aquatic Species
- Terrestrial Species



Resource Assessment Land Use -2012



2015 Land Use Trend



Resource Assessment Agriculture



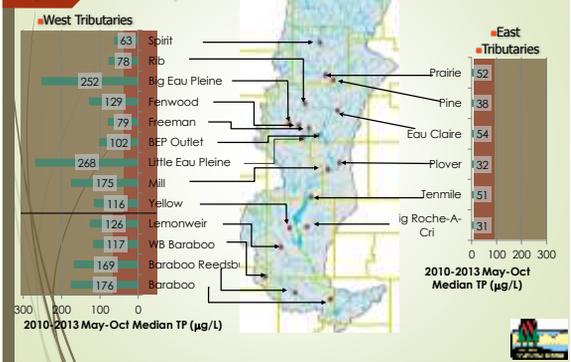
Resource Assessment Surface Water



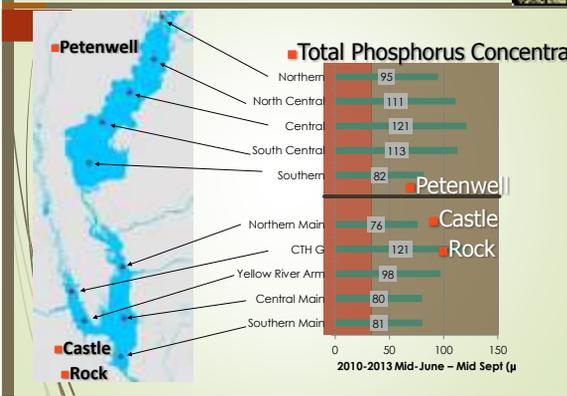
Designated Waters



Tributary Monitoring Results – Total P Concentration (TMDL - 2017)



Major Reservoir Monitoring Results



Resource Assessment Aquatic Invasive Species



Resource Assessment Invasive Plants



Planning Process



- Resource Advisory Committees (TAC & CAL)
- Meetings to:
 - ID past and current resource concerns
 - Prioritize Work plan Goals, ID Activities
- North Central Wisconsin Regional Planning Commission
- Public Hearing – June 25, 2015
- Adams County Board – December, 2015

Current Resource Concerns

- Land-use / Recreational-use Conflicts
- Forest Fragmentation / Development
- Non-Point Source Pollution / Soil Loss / Nutrient Mgmt.
- Wetlands
- Surface Water Quality / Economy
- Groundwater Contamination
- Terrestrial Invasive Species
- Aquatic Invasive Species
- Nuisance Wildlife
- Water Levels
- Protect rare algae found in county

2016-2025 Work Plan Goals



- (1) Create a culture where landowner's take ownership of their impact on the environment.

(With the right information, citizens will make good Choices for the greater good)

Provide information clearinghouse (Web Site, Digital copy of Information and Brochures, 10 Presentations annually)

Develop a Tracking System & Conservation Practices

2016-2025 Work Plan Goals



- (2) Protect and improve groundwater quality and quantity as well as surface water quality.

Provide technical assistance and cost sharing to landowners, contractors and others
(Conservation Tillage = 200 acres annually)(Spot Check 15 projects annually)

Conservation plan development for nutrient application and soil loss
(4 Plans developed annually)

Promote ground cover through the implementation of best management practices for Shoreland buffers and filter strips
(Shoreland/Filter strips = 5 acres annually) (CREP)

■ Impaired Waters 303(d)

- Arrowhead
- Castle Rock
- Friendship
- Mason
- Petenwell
- Sherwood



2016-2025 Work Plan Goals



(3) Reduce Wind Erosion.

Reduce soil loss by wind erosion to increase cropland productivity and to prevent nutrient loading into the lakes

Develop a wind erosion data collection and tracking system (Multi-Cropping, Vegetables, Work with NRCS-WEPS, Windshed install 3 miles of Wind Breaks annually) (plan and enter 2000 acres annually in tracking system)

Host farmer lead field days to promote conservation methods (3 farmer led field days per year)

Promote proper buffers along riparian land to reduce sediment deposition into waterways (CREP)



2016-2025 Work Plan Goals



(4) Promote Working Forests and Farms

Preserve economically viable farmland and forestland for future generations.

Promote involvement in Managed Forest Law Program for tax benefits (~30,000 acres changing hands)

Promote the value of maintaining productive farmland

Update Farmland Preservation Plan (Completion date 2016)
NR 151 Compliance

2016-2025 Work Plan Goals



(5) Improve forest Silviculture for multiple uses.

Maintain a healthy vigorous forest, while also providing for wildlife habitat, water quality and recreation

Managed Forest Land – Reduction/ Water Quality Issues

Recreation Potential - Loss

Reforestation potential (County Tree and Shrub Sale)

2016-2025 Work Plan Goals



(6) Manage Wildlife conflicts

(Less crop damage from wildlife)

Adams County Deer Council

Wildlife Damage Program (Deer/Wolves)

Drainage Districts - Beaver Control

2016-2025 Work Plan Goals



(7) Control invasive species.

(Anticipated Outcome— Native ecosystem protection)

Increase public awareness of non-native species

Prevent further spread of invasive species

Establish a local cooperative weed management area

Project Proposals & Management Tools

- Healthy Watersheds Initiative
- Wind Erosion (WEPS)
- Lakes & Watersheds Projects
- Tracking System



Performance Standards

- Agriculture
 - Manure Management
 - Voluntary Approach
 - Distribute Publication & info Letter
 - Cost-Share funding
- Non-Agriculture
 - Lake and Stream Monitoring
 - Cost-Share funding
 - Stormwater Ordinance



Monitoring and Evaluation

- Performance standards and prohibitions monitoring and evaluation
 - Voluntary Approach
- Water quality monitoring
 - Volunteer Citizen lake and stream monitoring
 - Groundwater Level Monitoring
 - Invasive Species



Monitoring and Evaluation



- Nutrient management
 - Annual check for compliance of nutrient management plans
- Work plan Progress
 - Quantified measures and observations
- Annual reporting
 - Annual accomplishment report to DATCP
 - Periodic engineering checks to ensure technical standards compliance
 - Report to County Board

Information and Education

- Coordinate multi-agency partnerships to public education
- Environmental Field Day
- Coordinate Farmer Education Workshops
- Clean Boat Clean Water Trainings
- GrassWorks Board Member
- Quality Assurance Committee for Nutrient Management
- NRCS Technical Committee Member
- Utilize local, Radio, Newspaper media
- Informative Publications / Group Presentations
- Adams County Farm Bureau Annual Meeting Speaker
- Serve on WI Lake Convention planning committee
- PACRS monthly presenter



Acknowledgments



The Adams County Land and Water Conservation Department would like to thank everyone who contributed valuable information for the development of this plan:

- Resource Advisory Committees (Citizen and Technical)
- North Central Wisconsin Regional Planning Commission
- Wisconsin Department of Natural Resources
- Department of Agricultural, Trade and Consumer Protection
- Adams County GIS
- Adams County UWEX Department
- Adams County Land and Water Conservation Committee

What is over the hill is uncertain
but together we will make a
difference?

