

# Upper Iowa River WMA Agenda

**Meeting date/time:** 6/11/2019 Business Meeting 5:00-5:30 PM Presentations 5:30 | **Meeting location:** Winneshiek County Courthouse Annex building, 201 West Main St., Decorah.

## BUSINESS MEETING

### 1) Agenda topic: Call Meeting to Order | Presenter: John Beard

Action items	Motion	Second
--------------	--------	--------

John Beard called meeting to order at 5pm.

### 2) Agenda topic: Approval of Minutes 3/28/19 meeting | Presenter: John Beard

Discussion:

Action items	Motion	Second
--------------	--------	--------

Approve Minutes from 3/28/19 meeting	Joe	Dan
--------------------------------------	-----	-----

### 3) Agenda topic: Motion to Amend Agenda:

Discussion:

Action items	Motion	Second
--------------	--------	--------

Amend agenda to include review and approval of WMA Resiliency Plan goals.	Mark	Jack
---------------------------------------------------------------------------	------	------

### 4) Agenda topic: Approval of WMA Resiliency Plan goals | Presenter: Ross Evelsizer

Discussion:

Action items	Motion	Second
--------------	--------	--------

Adopt plan goals.	Mark	Jack
-------------------	------	------

### 5) Agenda topic: Set Next Meeting Time/Date and Adjourn Business Meeting | Presenter: John Beard

Discussion:

Action items	Motion	Second
--------------	--------	--------

Meeting Date: 9/12/19 @ 5pm Location: Winn Co Annex building	Mark	Andy
--------------------------------------------------------------	------	------

# Upper Iowa River WMA Agenda

## Presentations:

---

### Update from Northeast Iowa RC&D:

- *Technical Committee meeting / planning updates*  
Moved to business meeting to present and approve plan goals.
- 

### Upper Iowa River WMA Coordinator Update:

- *Matt Frana – Project Update*

# Upper Iowa River Watershed WMA Resiliency Plan

## Goal #2 Quantitative Actions

Objective	Practices/Actions	Goal
Detention Structures	<ul style="list-style-type: none"> <li>● Ponds,</li> <li>● WASCOBs</li> <li>● Wetlands</li> </ul>	<p>Watersheds Above Decorah: 32% of the total Drainage area regulated or 11,000 acre-feet of distributed Storage</p> <p>Canoe Creek Watersheds: 25% drainage area captured by detention structure</p> <p>Bear Creek Watersheds: Follow <i>Bear Creek Watershed Plan and Environmental Assessment</i>.</p> <p>Allamakee County watersheds: Maintain existing storage volume</p>
Soil Health	<ul style="list-style-type: none"> <li>● Cover Crops</li> <li>● No-till/Reduces Tillage</li> <li>● Multi-cropping/Regenerative cropping</li> </ul>	<p>100% cover by one or more of the soil health or perennial cover practices on Critical and High Runoff Risk parcels as shown by the ACPF Data. For specific acres see Attached Table.</p> <p>40% cover by one or more of the soil health or perennial cover practices on remaining high runoff risk and present runoff risk acres.</p>
Perennial Cover	<ul style="list-style-type: none"> <li>● CRP</li> <li>● Tree and Shrub Establishment (TSI)</li> <li>● Contour Buffer Strips</li> <li>● Prairie Strips</li> <li>● Grass Waterways</li> <li>● Diverse Crop Rotations</li> <li>● Rotational Grazing</li> </ul>	<p>100% cover by one or more of the soil health or perennial cover practices on Critical and High Runoff Risk parcels as shown by the ACPF Data. For specific acres see Attached Table.</p> <p>40% cover by one or more of the soil health or perennial cover practices on remaining high runoff risk and present runoff risk acres.</p>
Water Quality Improvement	<ul style="list-style-type: none"> <li>● Manure Storage Systems</li> <li>● Bioreactors</li> <li>● Saturated Buffers</li> <li>● Drainage Water Management Systems</li> <li>● Livestock Stream Exclusion</li> <li>● Livestock Proximity</li> </ul>	<p>Implement Water quality improvement practices to reach the following goals:</p> <ul style="list-style-type: none"> <li>● Reduce Nitrates to Below 6mg/L in all surface and source waters.</li> <li>● Natural Reproduction of brook and brown trout in all coldwater streams.</li> <li>● Restore and protect temperature regimes in coldwater streams.</li> <li>● Meet standards for all designations/No impairments.</li> <li>● Reduce turbidity/Increase visibility in surface water during rainfall events to no less than 10cm.</li> <li>● Continue stream monitoring.</li> <li>● Encourage well testing and analyze test results by Subwatershed</li> </ul>
Flood Plain Management	<ul style="list-style-type: none"> <li>● Stream Bank Stabilization</li> <li>● Riparian Buffer Strips</li> <li>● Move vulnerable populations</li> <li>● Acquire easements</li> <li>● Instream habitat</li> </ul>	<ul style="list-style-type: none"> <li>● Protect near stream habitat and river floodplains thorough easements.</li> <li>● Reduce impact to vulnerable populations and at-risk properties through buyouts, and development of affordable housing outside of the floodplain.</li> <li>● Increase native vegetation planting adjacent to streams and rivers by 50%.</li> <li>● Improve and maintain existing levee systems</li> <li>● Protect critical Transportation infrastructure, with emphasis on emergency response routes.</li> <li>● Relocate critical response services and facilities out of the floodplain</li> </ul>

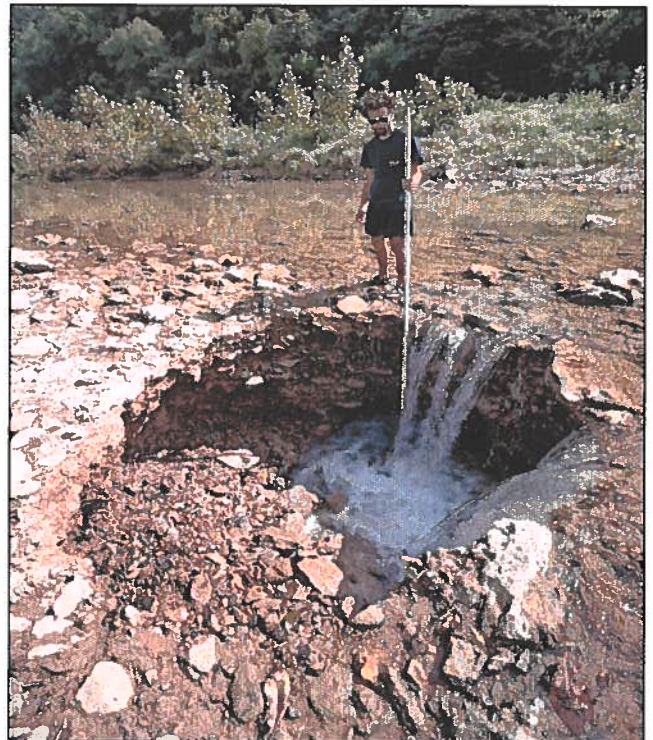
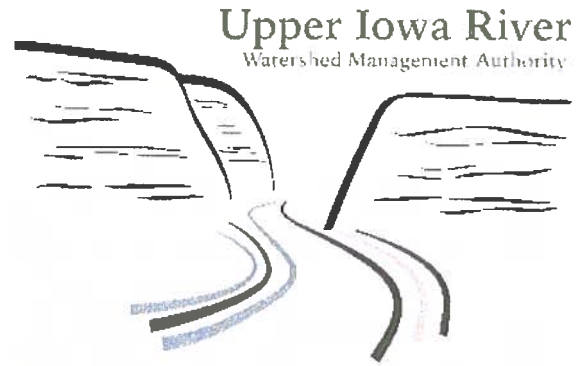
Critical and high runoff risk acres for each HUC 12 subwatershed.

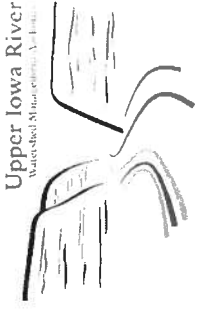
<b>HUC 12 Subwatersheds</b>	<b>Critical Runoff Risk</b>	<b>Very high Runoff Risk</b>	<b>Total</b>
Dry Run	4876.14	8738.76	13614.90
Silver Creek East	1556.8	2859.61	4416.41
Community of Nordness	2778.49	2491.36	5269.85
Trout Creek	2561.22	5366.21	7927.43
Bear Creek	2332.09	4219.21	6551.30
Paint Creek-Upper Iowa River	1135.25	3632.57	4767.82
City of Decorah-Upper Iowa River	334.25	2024.11	2358.36
Waterloo Creek	3929.99	3919.51	7849.50
Trout Creek-Trout River	455.41	2706.6	3162.01
French Creek	1618.32	1037.72	2656.04
Upper Iowa River	378.75	2405.93	2784.68
Patterson Creek	908.37	880.16	1788.53
North Bear Creek	2216.18	2558.96	4775.14
Clear Creek-Upper Iowa River	306.96	1973.91	2280.87
Falcon Springs State Wildlife Area-UIR	1780.18	2876.57	4656.75
Canoe Creek	1801.59	4050.49	5852.08
Trout River	706.17	2624.69	3330.86
North Canoe Creek	917.96	1499.66	2417.62
Community of Freeport-Upper Iowa River	1025.31	1081.78	2107.09
Ten Mile Creek	1254.15	2559.9	3814.05
Coon Creek-Upper Iowa River	514.22	1630.93	2145.15
Cold Water Creek	585.08	2434.73	3019.81
Daisy Valley-Upper Iowa River	1184.25	3361.91	4546.16
Pine Creek	1153.33	2219.6	3372.93
Martha Creek-Upper Iowa River	365.35	1028.16	1393.51
Silver Creek West	242.97	888.65	1131.62
Staff Creek	0	24.52	24.52
Bigalks Creek	963.44	2356.35	3319.79
Hayden Prairie SWA-Beaver Creek	0	73.493242	73.49
Town of Granger-Upper Iowa River	1265.48	4633.203634	5898.68
City of Le Roy-Upper Iowa River	0	83.499737	83.50
Beaver Creek	0	84.933075	84.93
Little Iowa River	3.93	42.040215	45.97
North Branch Upper Iowa River-UIR	26.32	75.648493	101.97

## Upper Iowa River Project Update (6/11/19)

Project Coordinator: Matt Frana

- **Iowa Geological Survey in the process of getting contracted** for doing geotechnical investigations on 3 road structure projects.
- **Finalizing paperwork for Tier 2 evaluations for 3 projects.**
  - 2 ponds, 2 waterways, 1 sediment basin
  - ~ \$100K in projects
  - Estimated dirt moving in July/August
- **Shive – Hattery**
  - Lining up soil investigations for several road structure projects starting next week.
- **DNR sinkhole protection in Trout Creek/Nordness watersheds**
  - Want to focus efforts on reducing sediment coming through the Trout Hatchery spring
  - Working with the DNR to identify sinkholes and swallets in the watershed to target protection measures.
  - Contacting landowners to get permission check out sinkholes/swallets.
  - Going out Friday to investigate sites.
- **Recent Outreach**
  - **Decorah 7th grade field day (5/3/19)**
    - Soil health and microbes
  - **Iowa Coldwater Conservancy (5/4/19)**
    - new nonprofit wanting to promote protection of coldwater streams
    - IWA and Upper Iowa Watershed Project
    - Clarifying conservation assistance agencies/partners and the different programs they administer.
  - **Woman Caring for the Land (5/29/19)**
    - UIR Watershed Project
    - Soil Health
    - Conservation Programs.





**UPPER IOWA RIVER  
WATERSHED MANAGEMENT AUTHORITY MEETING**

Date: 6/11/19

Name	Organization/Entity	Email	Mailing Address	Phone #
1 Tori Nimrod	WEI RCBD	tori@northwestiowa.net		
2 Hilary Pierce	ISU Extension	hpierce@iastate		
3 Valerie Decker	UI CEA	valerie-decker@uiowa.edu		
4 JACK WIFE	MCS Bank			
5 JOE PINEY	HOWARD SUPER			
6 Rachel Brummel	Luther	brummelr@luther.edu		
7 Craig Just	U of I			
8 Paul Berland	NE DA ROAD			
9 Colleen Kinney	HSTMD	colleen.kinney@iowa.gov		
10 Andy Carlson	Decorah City Council	decraah3@gmail.com		
11 Mark Jensen	Winn Co SWCD			
12 Leit Saveraid	Luther			
13 Jan Jensen	Luther			
14 Ross Enelizer	RC+D			
15 Renben Vyn	UI CSA	renben-vyn@uiowa.edu		
16				
17				
18				
19				
20				