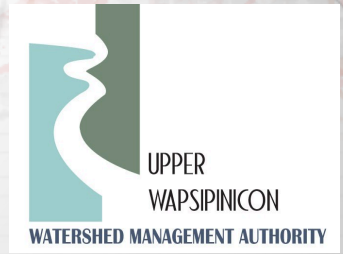


# National Disaster Resiliency Competition Activity Description



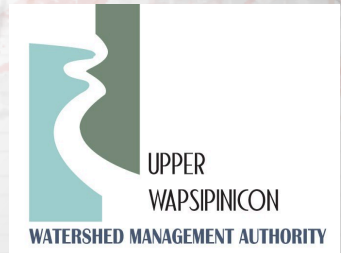
- ✦ Watershed Project Design and Construction (Dlwr. Bchn)
- ✦ Watershed Project Construction/Project Coordinator
- ✦ Watershed Project Construction/IFC - TA  
Modeling/Sensors/Data Collection &  
Evaluation/Visualization
- ✦ Administration
  - ✦ Total Request from HUD \$4.5 Million
  - ✦ Landowner Matching Funds for Practices 25%

# NDRC Draft Timeline for UWW



- ✦ **July 2016 – March 2017**
  - ✦ Meetings, Social Resilience Programming, construction of shovel-ready practices
- ✦ **April 2017 – December 2017**
  - ✦ Data Collection, Development of hydrologic assessment of the full HUC 8 watershed
- ✦ **January 2018 – June 2018**
  - ✦ Development of hydrologic plan and modeling for eligible areas
- ✦ **July 2018 – September 2018**
  - ✦ WMA selects final sites and projects for implementation
- ✦ **October 2018 – March 2019**
  - ✦ Establish agreements with landowners, selection of contractors
- ✦ **April 2019 – September 2020**
  - ✦ Construction of projects
- ✦ **October 2020 – September 2021**
  - ✦ Post construction data collection and analysis; WMA members define future steps

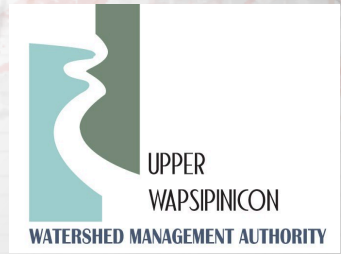
# NDRC Upper Wapsi Proposed Practices



## ✦ Proposed Practices

- ✦ Perennial Cover
- ✦ Oxbow Restoration
- ✦ Floodplain Restoration
- ✦ Small Farm Pond (.25-2 acres)
- ✦ Medium Farm Pond (2-5 acres)
- ✦ Large Farm Pond (5+ acres)
- ✦ Sediment Detention Basin
- ✦ Storm Water Detention Basin

# NDRC Upper Wapsi Proposed Practices



## ✦ Proposed Practices

- ✦ Prairie STRIPS
- ✦ Terraces
- ✦ Buffer Strips
- ✦ Bioreactor
- ✦ Small Wetland
- ✦ Large Wetland
- ✦ Saturated Buffer

# Community Committee Planning Grant Recommendations



- ✦ **Community Planning Advisor**
- ✦ **Watershed Information Meetings** - Help community leaders understand various practices that improve water quality and reduce flooding
- ✦ **WMA Community Committee** – Information sharing, identify joint projects, make recommendations to the WMA
- ✦ **Individual WMA Community Committees and Meetings** – Review of existing infrastructure, flow maps, presentations, opportunities identified, discussed and agreed upon for specific sites within each community
- ✦ **Project Commitment** – Identify community specific and multi-community projects and take recommendations to City Councils and to WMA Board for inclusion in the WMA Plan and identification of grants/funding/policy

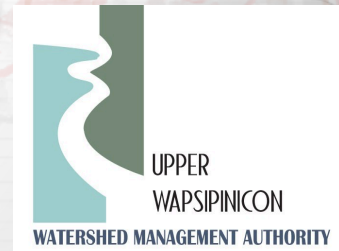


# Iowa 319 Planning Grant



- ✦ Deadline for Submission - November 10th
- ✦ UW WMA has a Committee assigned
- ✦ Primary purpose is Water Quality Improvement, but in addition the flood prevention strategies will have benefits for water quality
- ✦ Northeast Iowa RC&D will be the applicant on behalf of the WMA
- ✦ Grant Goal: Develop a Comprehensive Watershed Management Plan for the WMA
- ✦ Notification by December 1, 2015
- ✦ 18 Month Contract Starting Feb 1, 2016

# Iowa 319 Planning Grant



- ✦ A \$100,000 grant request requires a minimum of \$25,000 match
- ✦ The match shall include 5% hard-dollar contribution from the WMA members or other partners \$5,000
- ✦ The remaining match may be “in-kind” or “soft match” labor, supplies etc. \$20,000
- ✦ Water Quality Monitoring expenditures will qualify as hard-dollar match. Time/mileage for monitoring “in-kind”

# Iowa 319 Planning Grant



## ✦ Grant Components

- ✦ Description of use of funds
- ✦ Schedule and milestones
- ✦ Maps
- ✦ Description of the watershed and environmental issues
- ✦ Goals, objectives, and activities
- ✦ Outputs – Products and results
- ✦ Projected Environmental Improvement
- ✦ Baseline Measures



# Iowa 319 Planning Grant



## ✦ Grant Components

- ✦ Description of use of funds
- ✦ Schedule and milestones
- ✦ Physical Environmental Inventory
- ✦ Description of the watershed and environmental issues
- ✦ Goals, objectives, and activities
- ✦ Outputs – Products and results
- ✦ Projected Environmental Improvement
- ✦ Baseline Measures
- ✦ Link to Iowa's Nonpoint Source Management Plan
- ✦ Use of SMART Planning Principles