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