Outline

1. Priority areas in each county
   – Surface Water and Groundwater Maps
   – Tables of Tier One, Two and Three Issues

2. Snapshot of activities in those areas
   – Implementation Table

3. Strengths of each county to contribute to the Plan
   – Section 5: Plan Implementation Programs
     • Incentives, Capital Improvements, Operation and Maintenance, Regulation and Enforcement, Data Collection and Monitoring, Outreach Programs
1. Priority Areas and Implementation Areas
   - Surface Water
     • Trout Brook – Tier One
     • Pine Creek – Not Tier One
     • Chub Creek - Wetlands
   - Groundwater
     • Majority of Watershed
     • Not Upper Chub Creek
Dakota County

2. Snapshot of Activities

- Pollutant Impaired Streams
  - 1.1-C-2: Nitrogen research

- Drinking Water Protection
  - 1.3-A-5: Drinking water quality outreach materials

- Ag Runoff & Leaching
  - 2.1-A-1: Perennial cropland

- Soil Health
  - 2.1-B-3: Inc Organic Matter
Dakota County

3. Strengths to contribute

– Incentive Programs
  • Prioritization tools in application process

– Data Collection and Monitoring
  • Ambient wells
  • Surface waters/partnerships
North Cannon River WMO

1. Priority Areas and Implementation Areas
   - Same as 1W1P
   - Entire Area

2. Snapshot of Activities
   - 1W1P Table
   - NCRWMO Table

3. Strengths to contribute
   - Partnerships
   - Planning Ideas
Goodhue County

1. Priority Areas and Implementation Areas
   – Surface Water
     • Little Cannon – Tier One
     • Belle Creek – Tier One
     • Etter Creek
     • Entire Lower Cannon Lobe
   – Groundwater
     • All of Goodhue County – Karst
     • Focus on DWSMA Activities in CF, Dennison & RW
2. Snapshot of Activities

- Pollutant Impaired Streams
  - 1.1-C-3: Etter Creek Retention
  - 1.1.C-1 Streambank stabilization projects

- Ag Runoff & Leaching
  - 2.1-A-1: Perennial cropland

- Soil Health
  - 2.1-B-2: Tillage/Cover Crops to increase Organic Matter
  - 2.1-B-1: Track and Monitor

- Educating Local Land Use Decision Makers
  - 3.1-A-3: Host field days to demonstrate effective BMPs

- Continuing existing programs that implement BMPs (2.3-A-8) using PTMapp/SAM
3. Strengths to contribute

– Agricultural BMPs/Incentive Programs: Staff ability to manage cost-share projects and provide technical assistance to implement most BMPs listed in the plan

– Coordinate and provide project management to implement riparian restoration projects with partners
1. Priority Areas and Implementation Areas
   - Surface Waters
     - Belle Creek Watershed District property and easements
     - Upland areas within a PL-566 drainage area
Belle Creek WD

2. Snapshot of Activities
(From BCWD/Cannon 1W1P Implementation Table)

Maintaining Structures

• 1.A.4: Implementing Operation and Maintenance on existing PL-566 Structures in the BCWD

• 1.A.2: Implement upland conservation practices which reduce peak flow and sediment into BCWD structures. Manage grazing of structures and riparian areas

• 1.B.1: Implementing Managed rotational grazing systems on BCWD and riparian lands.
3. **Strengths to contribute**
   - Executing engineering and maintenance recommendations timely and efficiently.
   - Incentive Programs with assistance from the Goodhue SWCD
   - T/A on pasture management
   - Local match opportunities to assist in other conservation efforts.
1. Priority Areas and Implementation Areas
   - Surface Water (Lakes Region)
     • Roemhildts & Fish Lakes- Tier One
     • German/Jefferson Chain, Sakatah, Francis, Elysian, Tetonka, Volney, Gorman-Not Tier One
   - Groundwater
     • Majority of Watershed
Le Sueur County

2. Snapshot of Activities

- Protection Lakes
  - 1.1-A-1: Lake Management Plans; identify Phosphorous Sources

- Drinking Water Protection
  - 1.3-A-5: Drinking water quality outreach materials

- Drinking Water Protection
  - 1.3-A-8: Create Well Sealing Program

- Agricultural Runoff & Leaching Loss
  - 2.1-A-1: Perennial cropland/vegetation

- Soil Health
  - 2.1-B-2: Inc Organic Matter (corn/soybean)

- Soil Health
  - 2.1-B-3: Inc Organic Matter (short season crops)

- Flooding Communities
  - 2.2-A-2: Flood Reduction Practices

- Shoreland Management
  - 2.2-B-3: Native Buffer Lakeshore Properties
Le Sueur County

2. Snapshot of Activities (cont.)

- Drainage System Management
  - 2.3-A-5: Identify Hotspots, Implement Ditch Projects
- Drainage System Management
  - 2.3-A-8: Implement BMPs (water quality & volume reduction)
- Drainage System Management
  - 2.3-A-9: Flood Mitigation Structures
3. Strengths to Contribute

- Incentive Programs
  - Prioritization tools in application process

- Data Collection and Monitoring
  - Wells (Testing, GIS Inventory)
  - Septics (Compliance Inventories, GIS Inventory)
1. Priority Areas and Implementation Areas
   - Surface Water
     - Lakes Area
     - Impaired Streams
     - Large Communities
   - Groundwater
     - East- sensitivity
     - SW- GW dominated lakes
2. Snapshot of Activities

- Protection Lakes
  - 1.1-A-1: Lake Management Plans (Kelly-Dudley)

- Wetland Restoration
  - 1.2-A-1: Upper Cannon

- Soil Health
  - 2.1-B-2: Inc Organic Matter

- Shoreland Management
  - 2.2-B-1: Inventory shoreline quantity/quality

- Drainage System Management
  - 2.3-A-8: BMPs
  - 2.3-A-9: Floodwaters
  - 2.3-A-10: MDM workshops
Rice County

3. Strengths to contribute
   – Cover Crop Incentives
   – Nutrient Management expertise
   – Ag BMP Loans
   – Structural Practice C/S and design
   – Raingarden program
   – Wetland restoration/regulation
Steele County

1. Priority Areas and Implementation Areas
   – Surface Water
     - Straight River Tributaries
     - Large communities-Owatonna
     - Protection Lake-Beaver
     - Impaired Streams-Medford and Rush Creeks
   – Groundwater
     - Pollution Sensitivity
Steele County

2. Snapshot of Activities

- Ag Runoff and Leaching loss
  - 2.1-A-1: Perennial vegetation

- Soil Health
  - 2.1-B-2: Inc Organic Matter

- Flooding of Communities
  - 2.2-A-1: Long Term Flood Solution Study

- Drainage System Management
  - 2.3-A-2: Terrain Analysis
Steele County

3. Strengths to contribute
   – Technical assistance for erosion and flooding
   – Financial incentives programs
   – Soil Health Team
1. **Priority Areas and Implementation Areas**
   
   - **Surface Water**
     - Lakes area in north
   
   - **Groundwater Dominated Lakes**
     - Entire Waseca portion
Waseca County

2. Snapshot of Activities

- Soil Health
  - 2.1-B-4
- Shoreland Management
  - 2.2-B-4
- Ditch Record Modernization
  - 2.3-A-3
- Multipurpose Drainage Management Plans
  - 2.3-A-7
- BMP Installation
  - 2.3-A-8
Waseca County

3. Strengths to contribute
   – Incentive Programs
     • Enrollment of RIM/CREP Easements
   – Incentive Programs
     • Ag BMP technical and financial assistance
All Counties

• Socioeconomic Concerns
  – Educating Local Decision Makers
  – Citizen Engagement
    • 3.1-B-3: Educate landowners (shoreland, BMPs, septics, conservation)
    • 3.1-B-5: Stewardship
  – Internal Capacity
  – Recreational Value
Summary

• Variety in the Draft Plan
  • Local staff are excited
  • Planning process set stage for partnerships
  • Draft Plan coming soon
• At least two weeks for Policy Committee review