



**Groundwater Nitrate Work Group  
Workgroup Meeting  
WEDNESDAY, JULY 12, 2017 @ 10:30 AM  
N-1 Conference Room; 5<sup>th</sup> floor  
Courthouse  
Janesville WI  
AGENDA**

1. Call Meeting to Order.
2. Approval of Agenda.
3. Approval of Minutes.
4. Discuss Work Group Mission Statement/Purpose.
5. Discussion - Establish Goals/Focus for Work Group.
6. Discuss Role/interactions with other groups (Discovery Farms/Farm Bureau)
7. Role of Staff/Sub Groups between Work Group Meetings
8. Other Business.
9. Next meeting date, time, and location
10. Adjourn.

**Groundwater Nitrate Work Group**

**Potential Short Term and Long Term Goals – Just a Starting Point (from April 2017)**

- Include groundwater protection in smart growth comprehensive plans.
- Encourage wise land-use decisions that will minimize impacts to groundwater.
- Utilize technology such as groundwater flow models for groundwater planning purposes.
- Protect municipal and/or private water supplies from contamination by adopting wellhead protection ordinances and developing source water protection plans.
- Encourage farmers to adopt nutrient management plans and less nutrient intensive cropping systems, particularly in areas that show impacts from fertilizers.
- Develop water conservation strategies and to minimize the impacts of expected increases in water use from population growth.
- Educate community members about the local groundwater resource, its use, current and potential problems, as well as solutions.
- Establish and maintain a data collection, monitoring and analysis program.
- Coordination and cooperation between state agencies, local government, non-profit organizations, and citizens.
- Fill data gaps in well testing programs.
- Develop small scale project in Rock County to test BMP implementation and impacts on Groundwater Quality.

**Potential Additional Nitrate Work Group focus areas – (from staff meeting May 2017)**

- Identify Nitrate Problem/Scope of the Problem
  - History of the nitrate issue
  - Existing data and need for more Data?
- Research Nitrate BMP's
  - Other areas in Wisconsin
  - Other States (Minnesota, Iowa.....)
  - University Research
- Be a resource to other 'Farmer-led' groups
  - Discovery Farms/Farm Bureau
- Identify Target BMP Implementation Areas
  - Based on high risk nitrate areas
  - Proximity to Public/Private wells with sampling history
  - Areas with cooperative land owners
  - Multi-year effort (5+ years?)
- Investigate Funding Opportunities
  - Grower Incentives for Target BMP Implementation Areas
  - Monitoring well installation/testing?
- Develop an Informational/Educational Website?
  - History/Data/Nitrate Risk Maps
  - Health Risks Outlined
  - BMP Strategies and Success stories
  - Drinking Water Treatment options