Assess Risk
- Pollution Sensitivity of Near Surface Materials
- Geologic Sensitivity at Wells
- Drinking Water Supply Management Area (DWSMA) Vulnerability
- Primary Aquifers by Section
- Drinking Water Wells per Section
- Township Testing Program (TTP)
- Groundwater Protection Rule, level 1 & 2
- DWSMA SW Priority Areas A & B (St. Cloud, Minneapolis, St. Paul only)
  - MN Well Index (https://mnwellindex.web.health.state.mn.us/)

Evaluate Land Use (non-point source)
- Row crops
- Irrigation
- Feedlots
- Stormwater Runoff (MS4)
- Subsurface Sewage Treatment Systems (SSTS)
- Flood Zones
- Protection areas (forested land, CRP, perennial establishment)

Evaluate Data
- County Well Index Max Nitrate (mg/L)
- County Well Index Max Arsenic (ug/L)
- Township Testing Program Initial Nitrate Results
- Township Testing Program Final Nitrate Results
- Minnesota Department of Agriculture Ambient Groundwater Quality Monitoring Program (www.mda.state.mn.us/pesticide-fertilizer/agricultural-chemical-monitoring-assessment)
- Minnesota Pollution Control Agency Ambient Groundwater Monitoring Program (https://www.pca.state.mn.us/water/groundwater-data)
- Minnesota Department of Natural Resources Permitting and Reporting System (MPARS) (https://www.dnr.state.mn.us/mpars/index.html)

Implementation
- To benefit groundwater, implementation needs to target areas of high pollution sensitivity/vulnerability, with the exception of well sealing. Well sealing is a priority regardless of groundwater sensitivity/vulnerability, especially in low vulnerability settings where an unused well is the main pathway for contamination.

To view data sources highlighted in green in map form go to the Watershed Health Assessment Framework (WHAF) at https://www.dnr.state.mn.us/whaf/index.html.
- For WHAF data specific to the Board of Water and Soil Resources Drinking Water Sub-Grant, use the term ‘GRAPS’ (Groundwater Restoration and Protection Strategies) as a search filter.