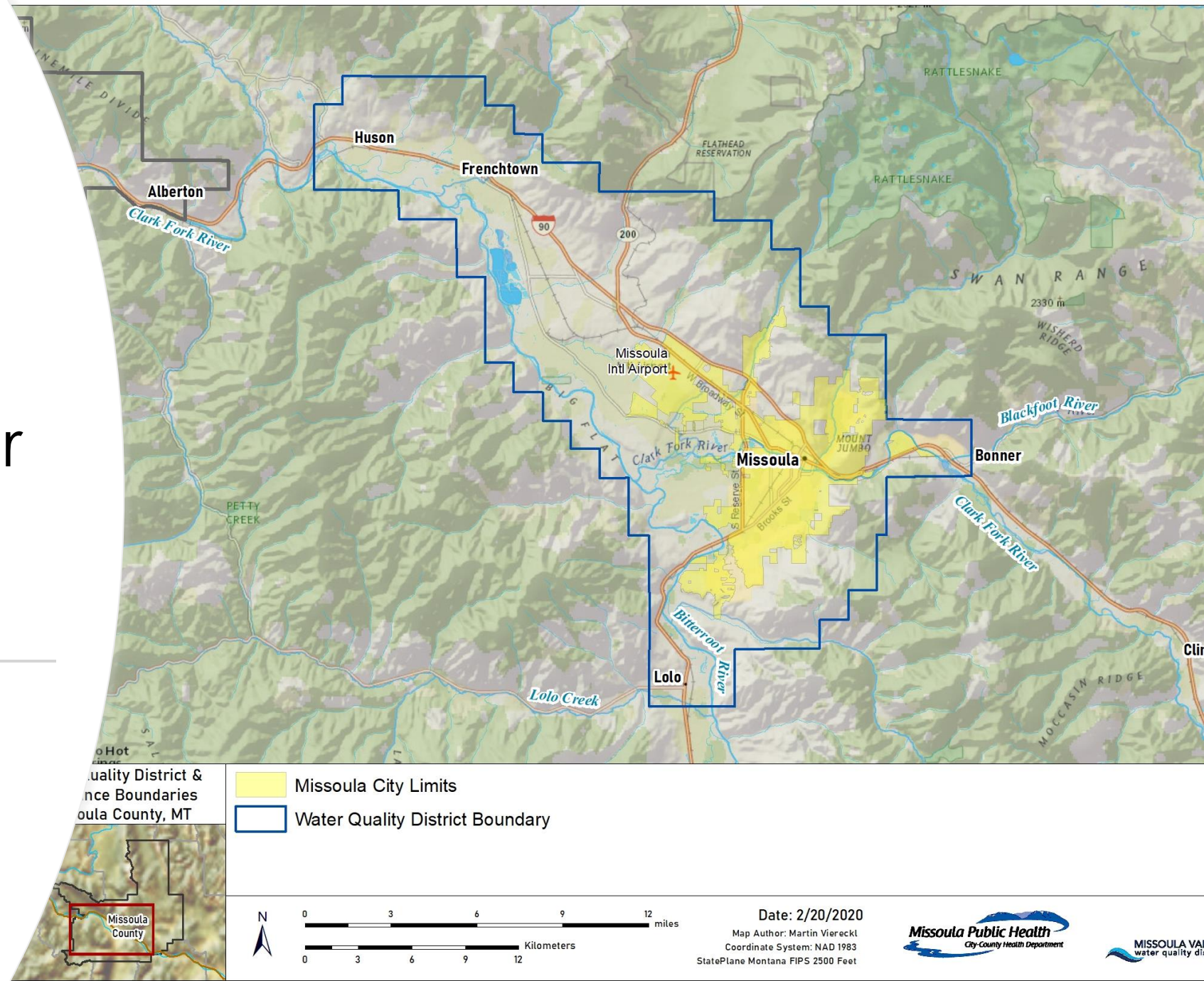


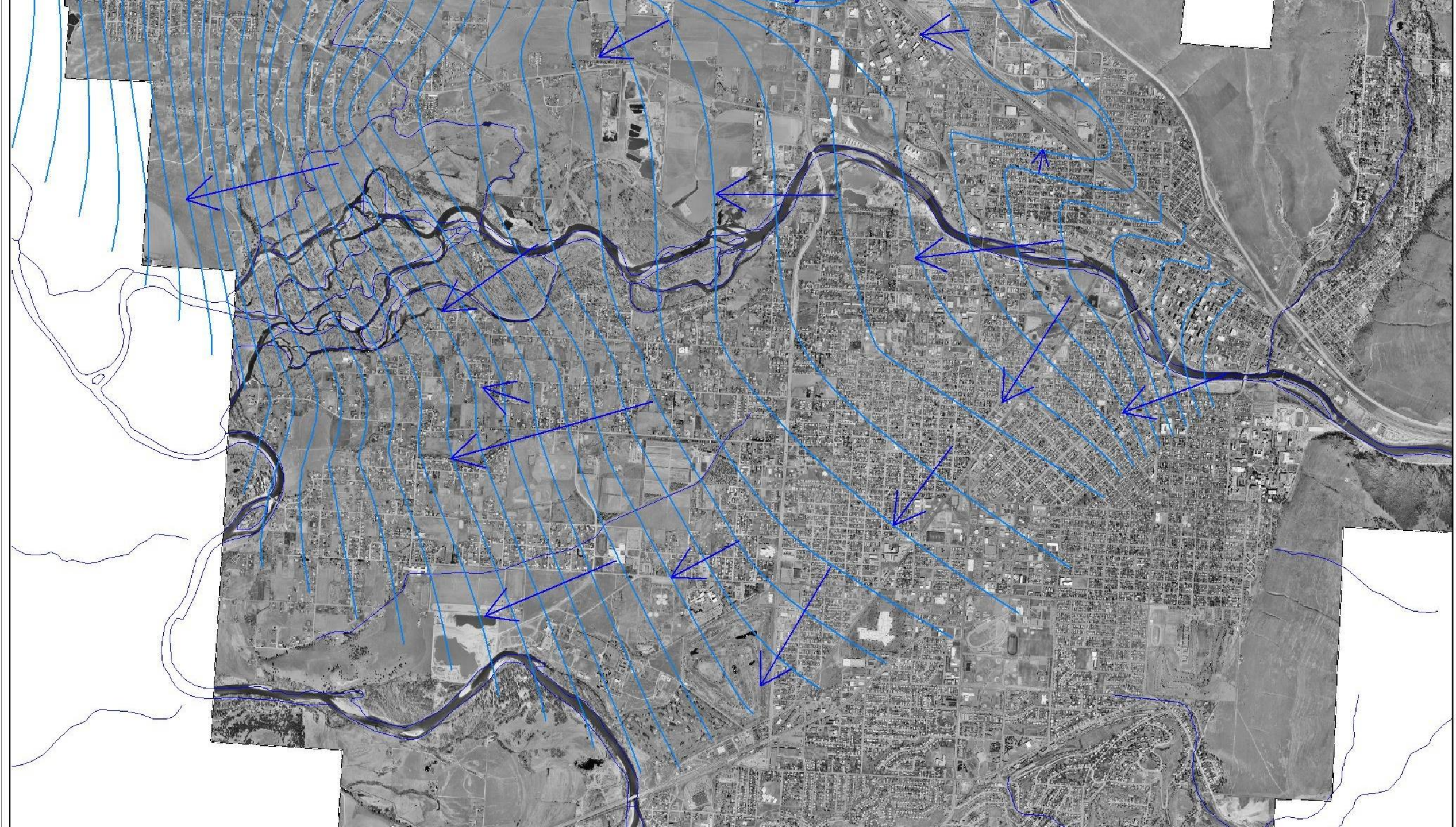
Sustainability – Missoula's Water Resources

Travis Ross, Missoula Valley Water Quality District

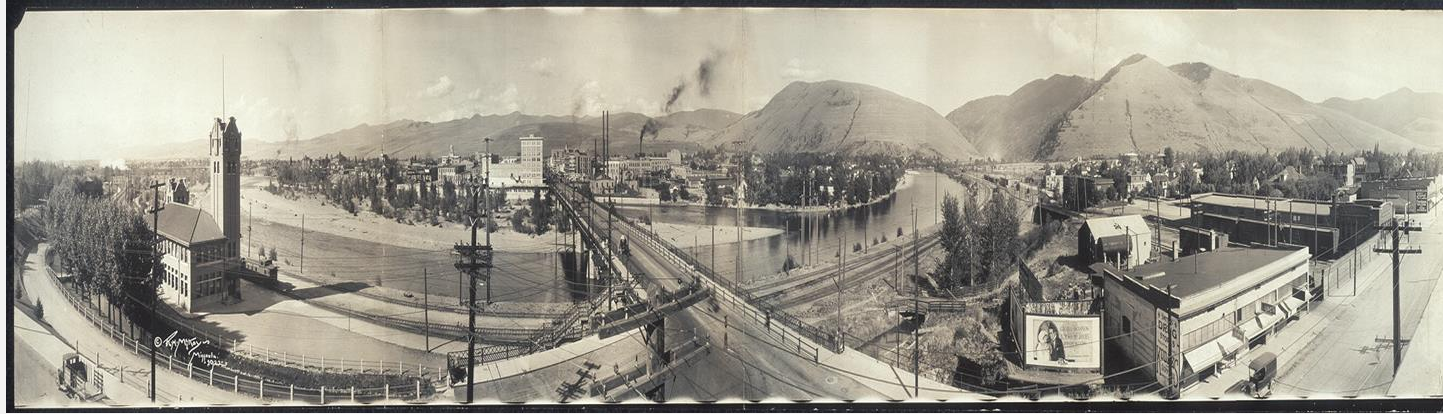


To protect and improve surface and groundwater quality within the Missoula Valley



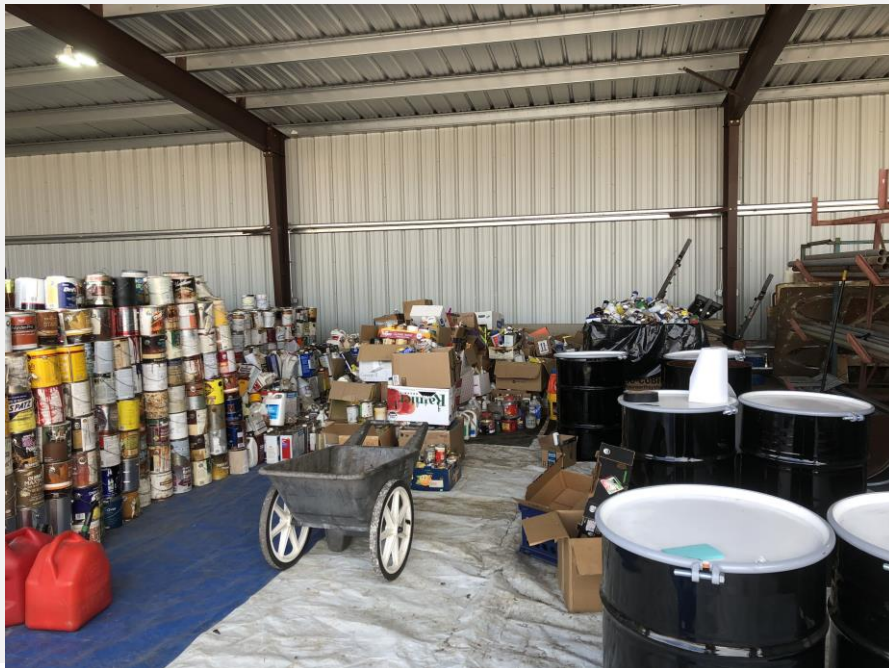


Historic Issues and Successes



- Wastewater Treatment (Primary, Nutrient Removal, Disinfection, Poplar Plantation)
 - Extending sewer (improving nutrient trends)
- Damage to the aquifer
 - Chemical contaminants (chlorinated solvents, Fuel Spills, etc)
 - Superfund Sites - Milltown, BN, White Pine,
- Aquifer protection ordinance
- Raising awareness of vulnerability
- Establishing a monitoring network

- Gaining local control of water supply
- Improving Petroleum Pipeline Crossings under streams
- Strengthening Floodplain protections
- Local regulations on potential aquifer contaminants
- Collection of household hazardous waste
- Removal of Milltown Dam



Current work/challenges

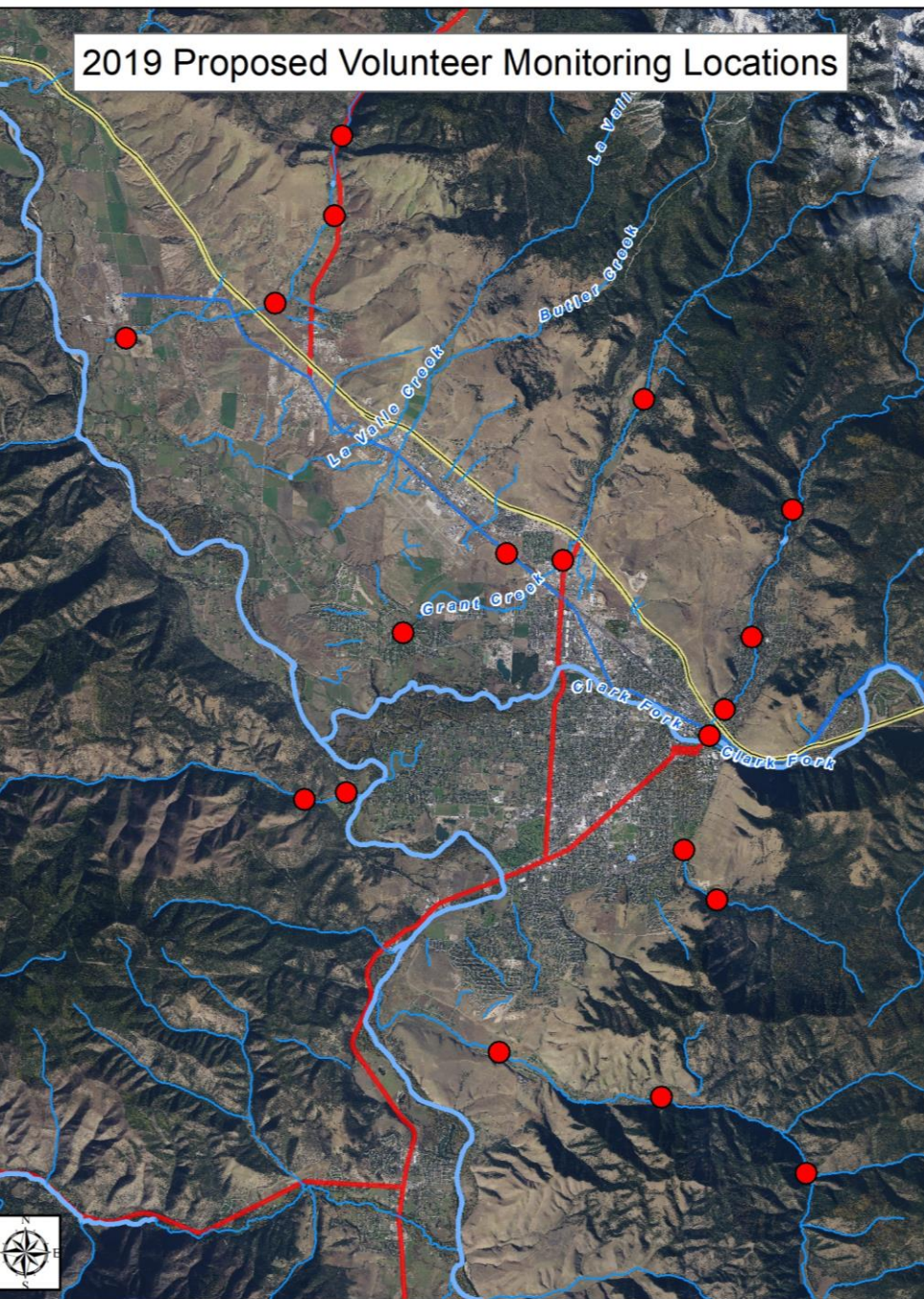
- Effects of floods/protection of floodplains (changes to groundwater and surface water)
- Effects of droughts – Intermittent drainages,
- Viewing water resource as a connected system rather than discrete
- Tracking trends and anticipating impacts (Collecting timely data)
- Development pressure in marginal areas (surface and groundwater)



Challenges (continued)

- Information sharing (studies, reports, water quality data)
- Unpredictable weather patterns and the effects on surface water and groundwater
- Channel Migration Zones
- Effects of changing flows on wastewater
- Smurfit Stone
- Hazardous Waste Collection Facility





Your assistance is needed?

- Get involved in the decisions that affect water
 - Water quality advisory council
 - Community councils
 - Land-use plans, Growth Policy
 - Community Advisory Group
- Staff gauge for tributary streams
- Spill line – 258-4890
- Conserve water and Manage non-point source waste
- Hazwastemissoula.com

waterquality@missoulacounty.us