

Shallow Aquifer Investigation

Stevensville Area

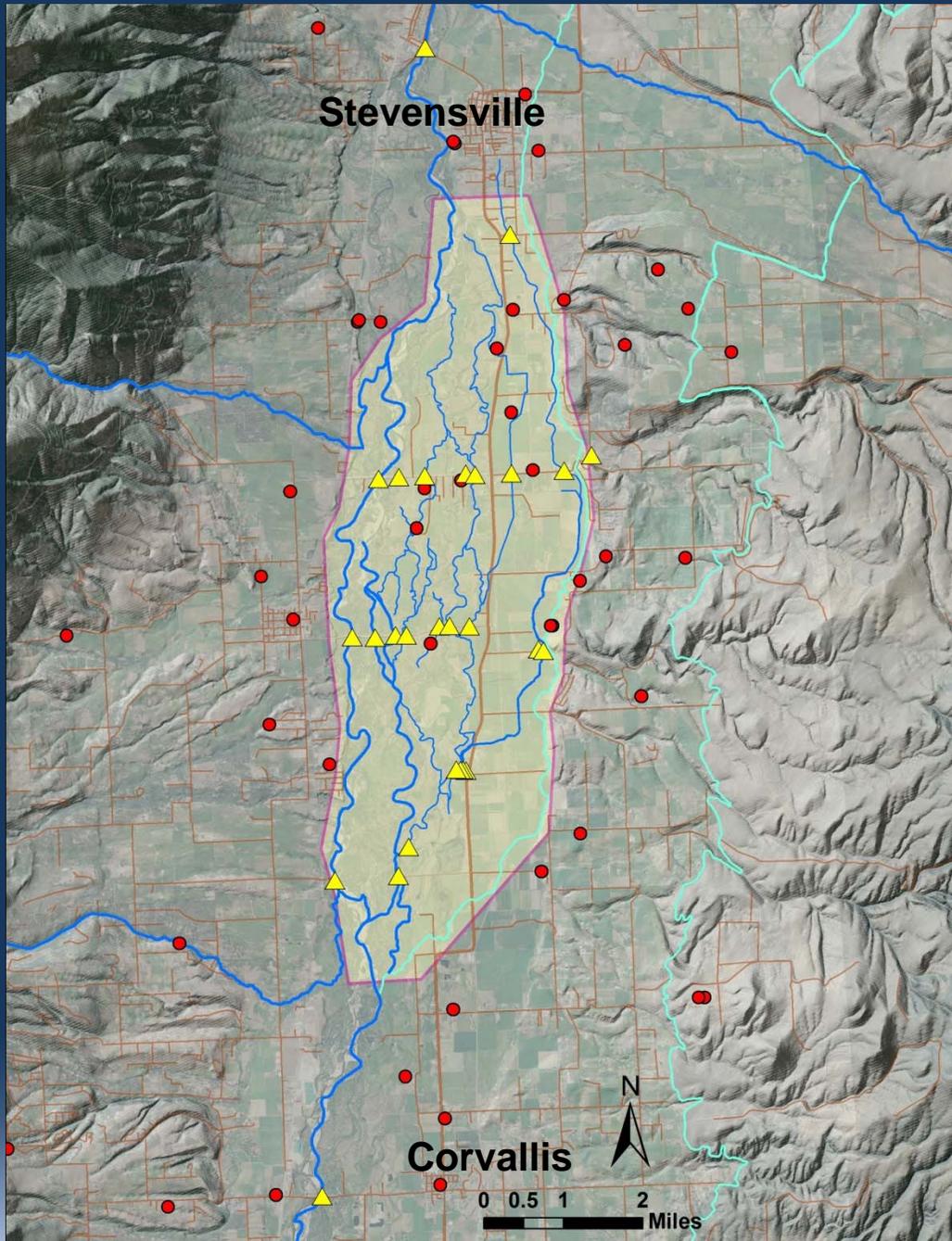


Purpose

Examine the feasibility of supplementing surface water irrigation supplies with groundwater.

- Existing information
- Collect groundwater and surface water elevation data
- Water Budget
- Groundwater Flow Model

Monitoring Network



Data Collection Efforts



- Groundwater Data
- Surface Water Data
- Installation of Wells
- Groundwater Sampling
- Isotope Sampling
- Canal Losses/Gains
- Scheduling an Aquifer Test

Hydrographs

Well 57790



Bitterroot River - Stevensville Bridge



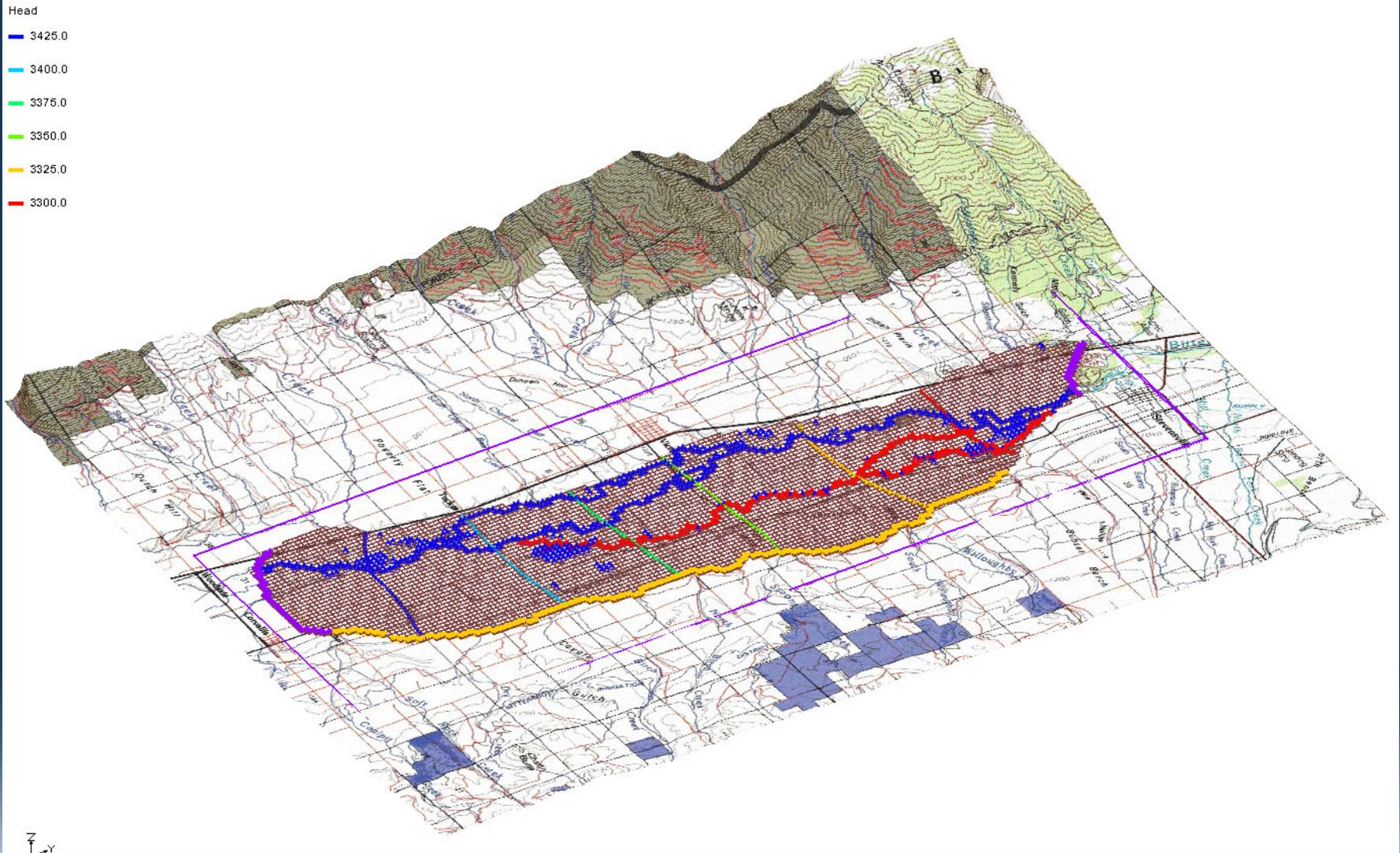
Well 136969



Well 266829



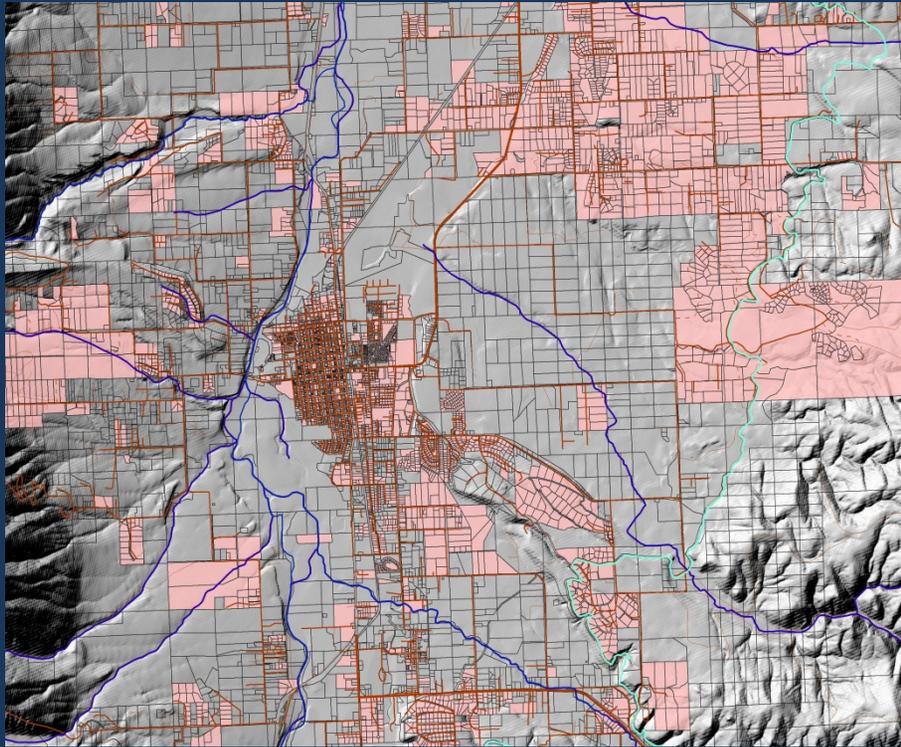
Groundwater Modeling



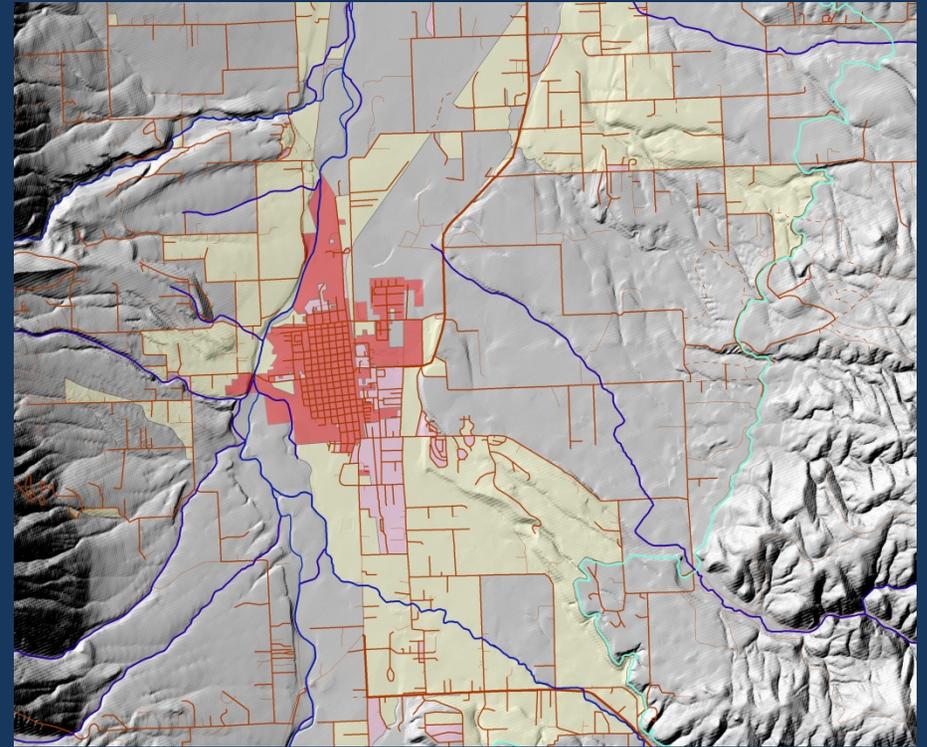
Project Status



Hamilton



Subdivisions



Septic System Density