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
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

East Bench

Well 136969

West Bench

Bitterroot River - Stevensville Bridge

Floodplain

Well 266829

Depth to Water (ft)

2/11/12 4/1/12 5/21/12 7/10/12 8/29/12

Depth to Water (ft)

2/11/12 4/1/12 5/21/12 7/10/12 8/29/12

Stage (ft)

2/11/12 4/1/12 5/21/12 7/10/12 8/29/12

Depth to Water (ft)

2/11/12 4/1/12 5/21/12 7/10/12 8/29/12
Groundwater Modeling
Project Status
Hamilton

Subdivisions

Septic System Density