

# **Aquifer Testing – Application and Benefits**

for the  
Headwaters Groundwater Conservation  
District



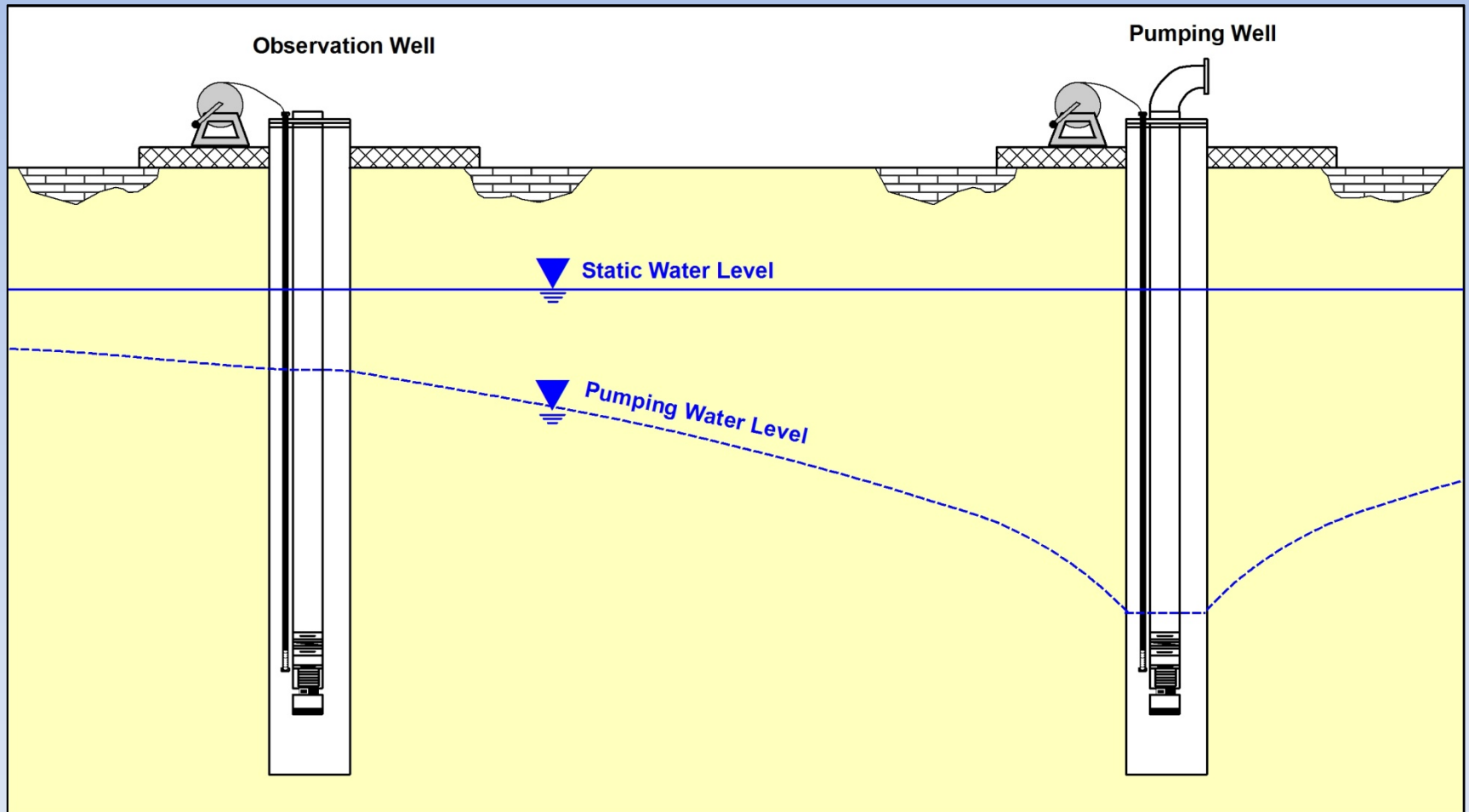
**Wet Rock Groundwater Services, LLC**

# Overview

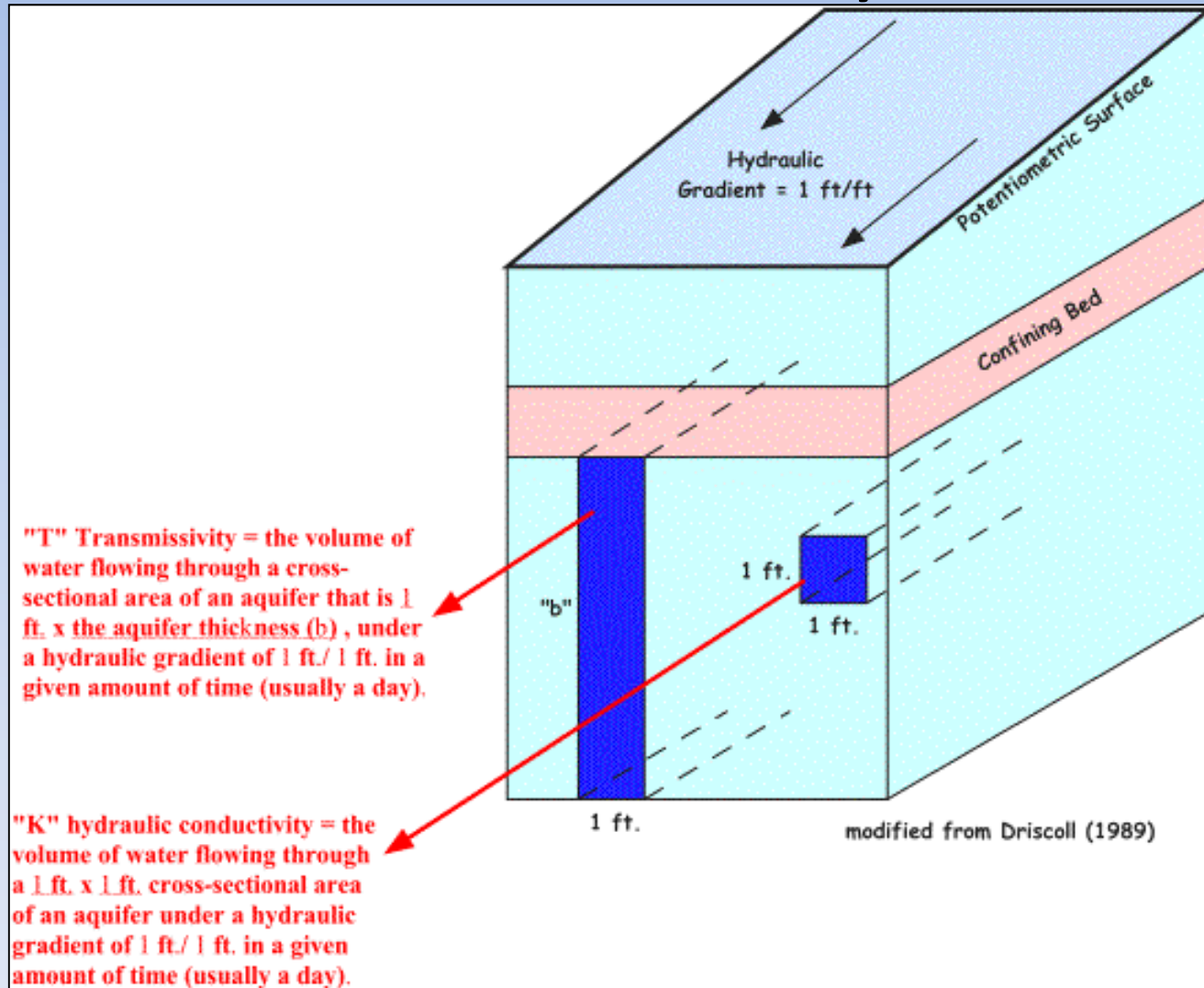
- What is aquifer testing?
- How is it performed?
- What does it tell us?
- What is the benefit?
- Summary of work we have done for HGCD



# Aquifer Testing



# Hydraulic Conductivity and Transmissivity



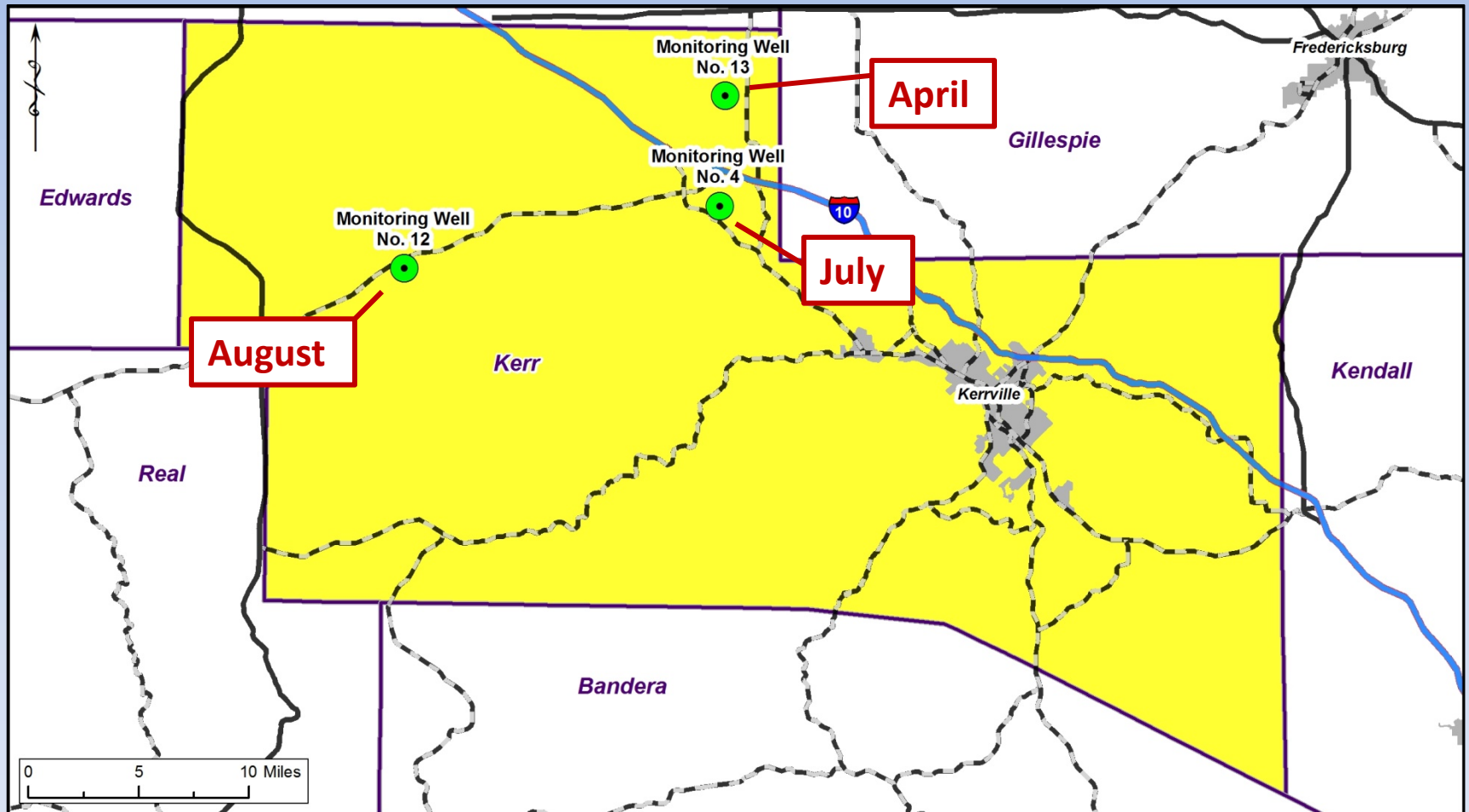
# Benefits to GCDs

- Provides data for groundwater management decisions
- Provides data points for developing groundwater models



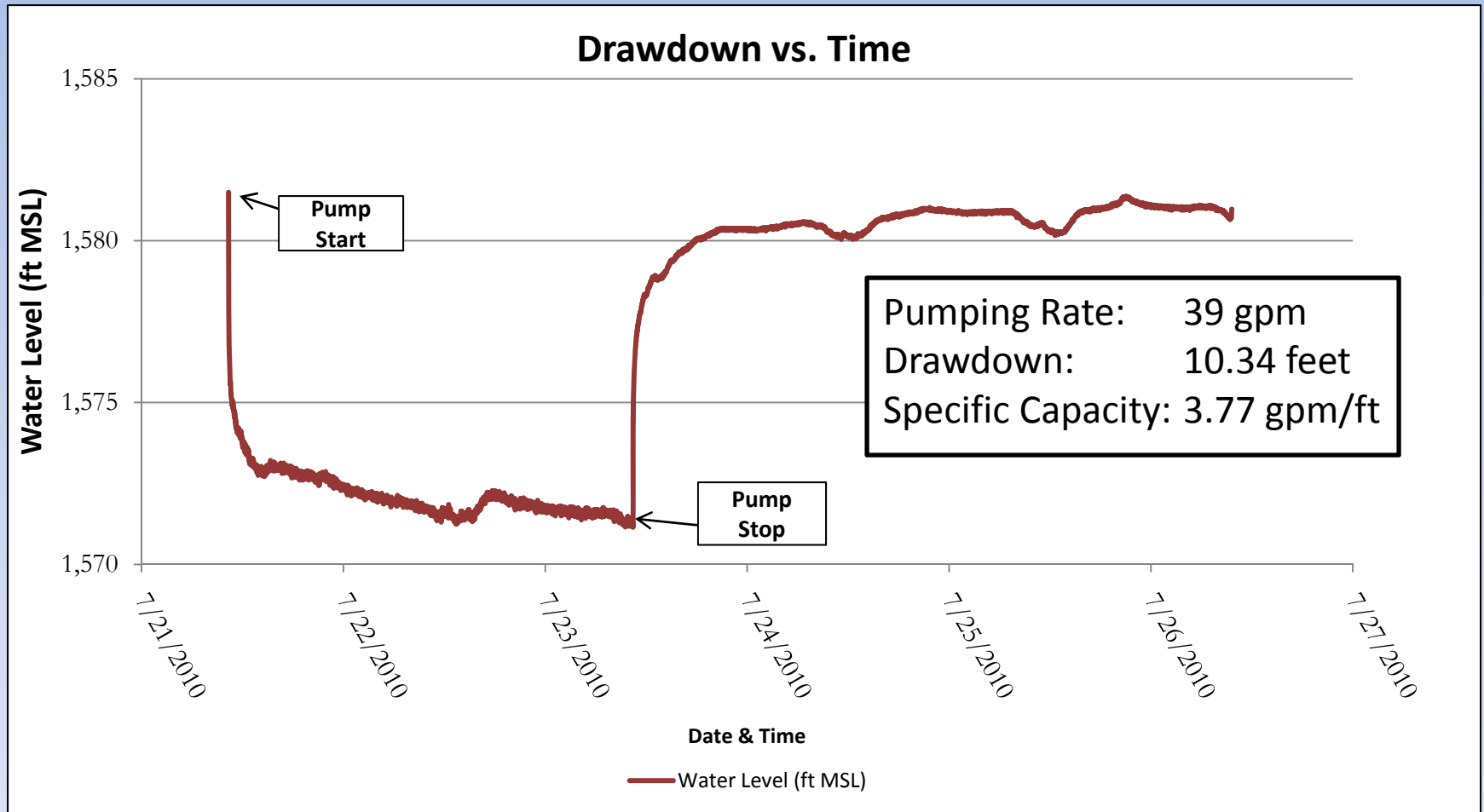


# Headwaters GCD Testing



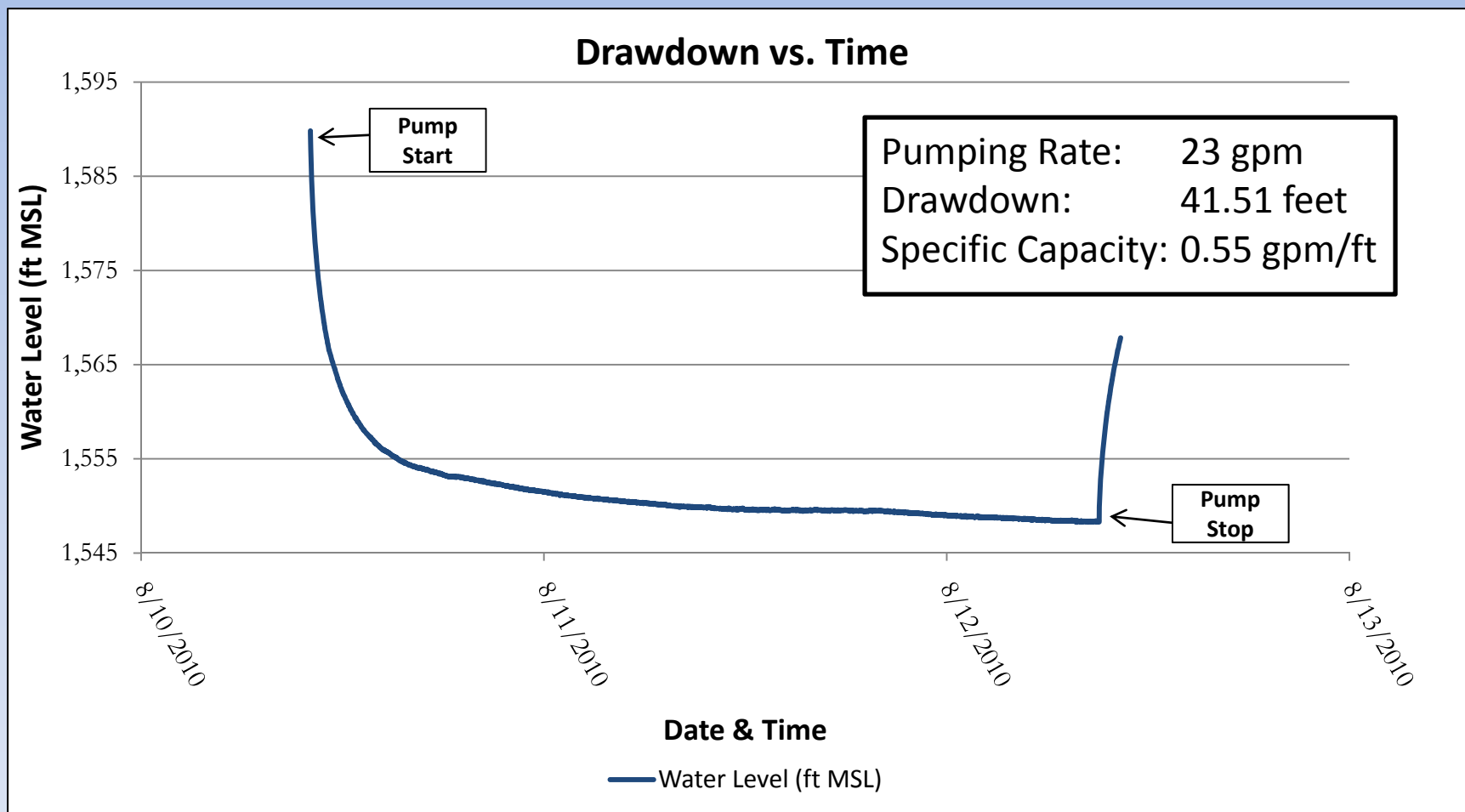
# Monitoring Well No. 4

## Middle Trinity Aquifer



# Monitoring Well No. 12

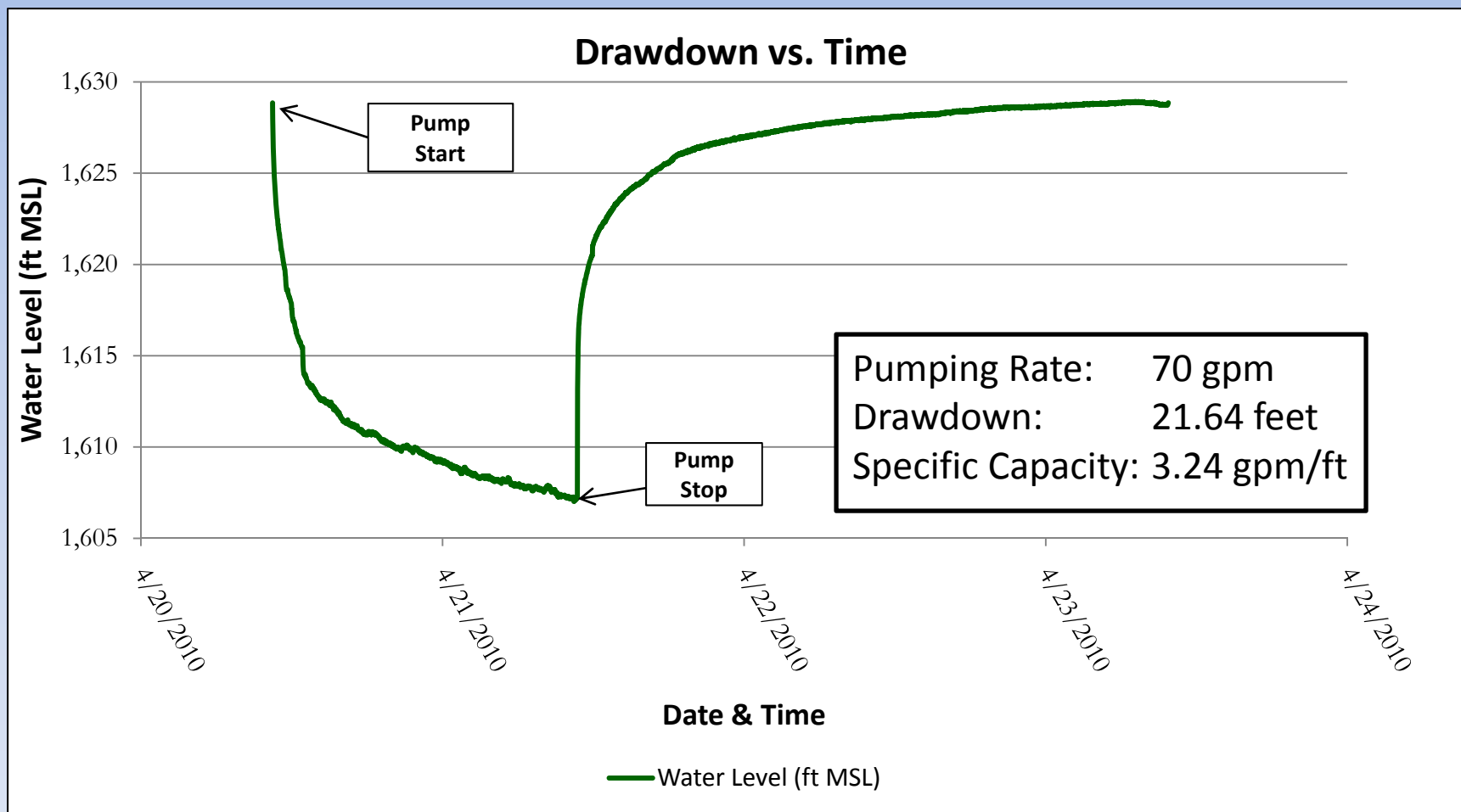
Lower and Middle Trinity Aquifer





# Monitoring Well No. 13

## Middle Trinity Aquifer



# Summary of Testing Results

