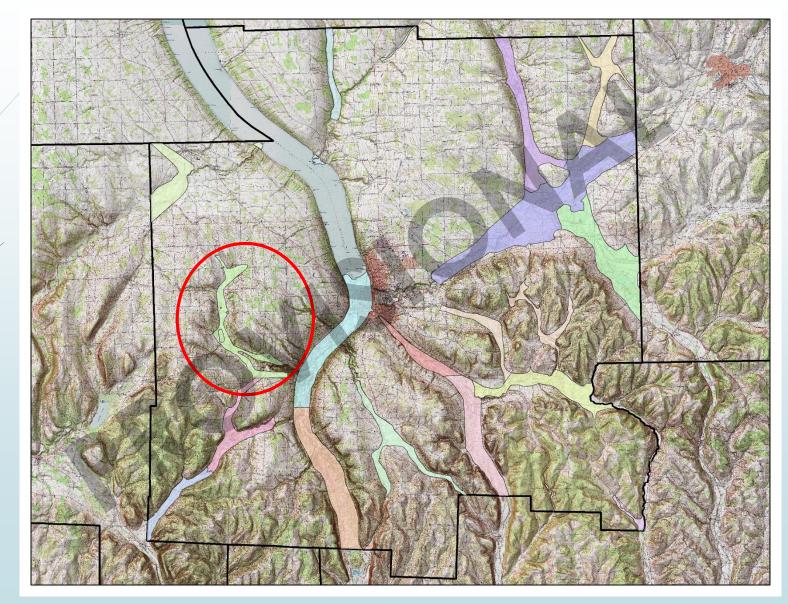
Geohydrology of the Unconsolidated Aquifer in Enfield Creek Valley, Town of Enfield, Tompkins County, New York



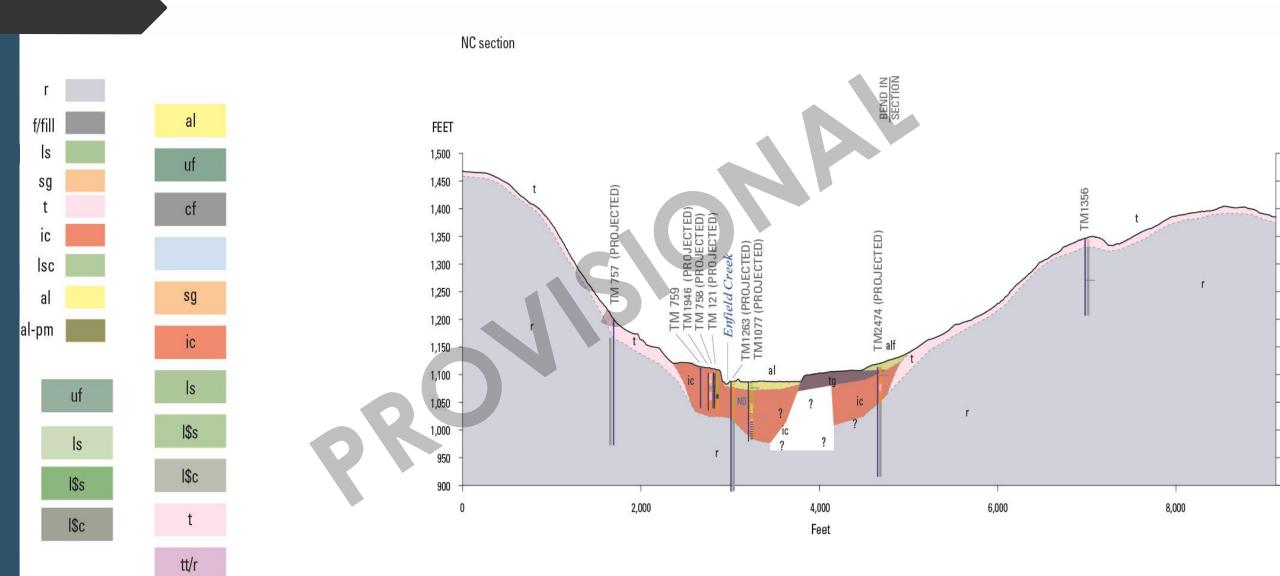


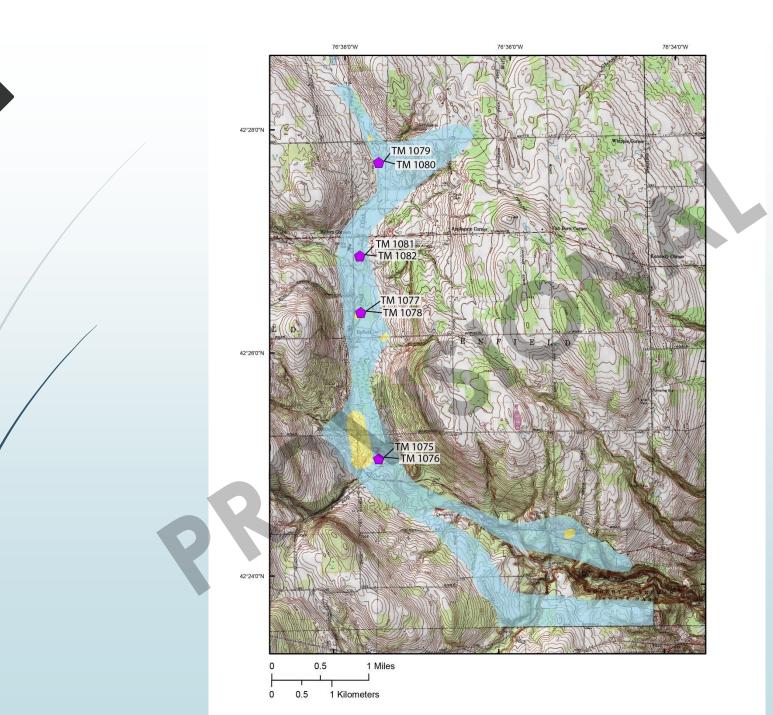


# 17 Aquifers in Tompkins County

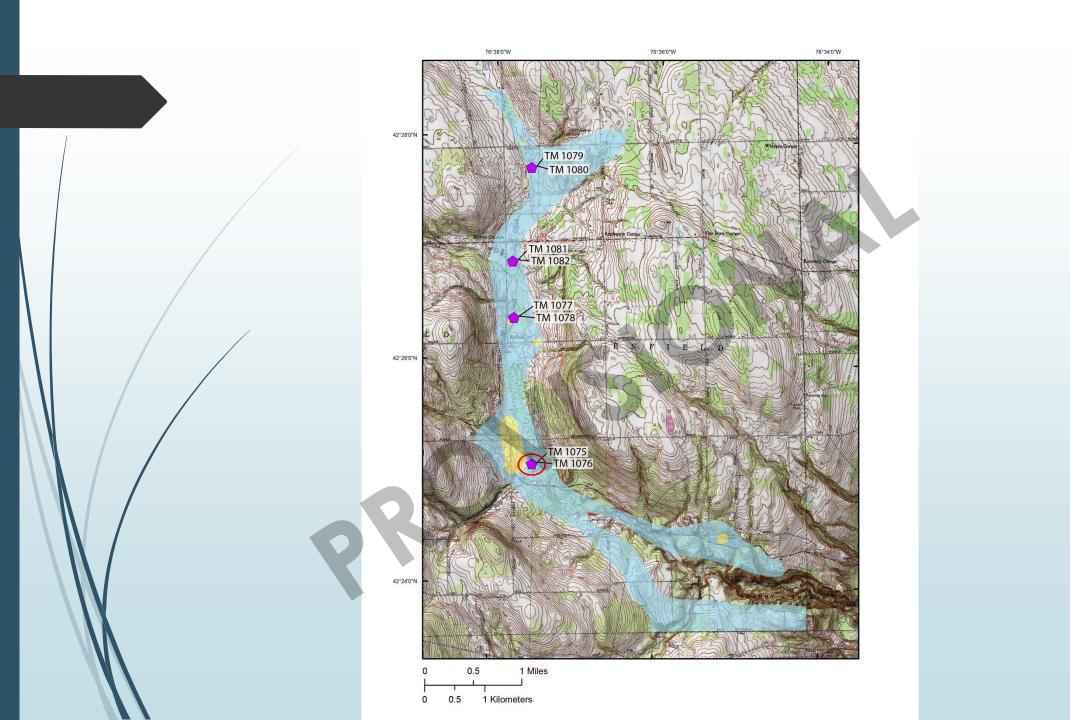








## USGS Test Wells



#### **USGS TEST WELL TM1075**

Town of Enfield Highway Department, Town of Enfield, N.Y.

Site name: TM1075 (hole depth = 142 ft) Site ID: 422504076373001 Latitude: 42° 25' 04.28" Longitude: 076° 37' 29.89" Date completed: 11/11/2015 Drilling contractor: Frey Well Drilling, Alden, NY 6-inch diameter steel casing Casing above ground = 3.1 ft

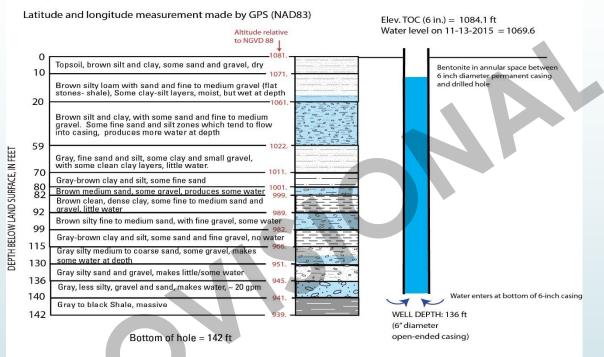


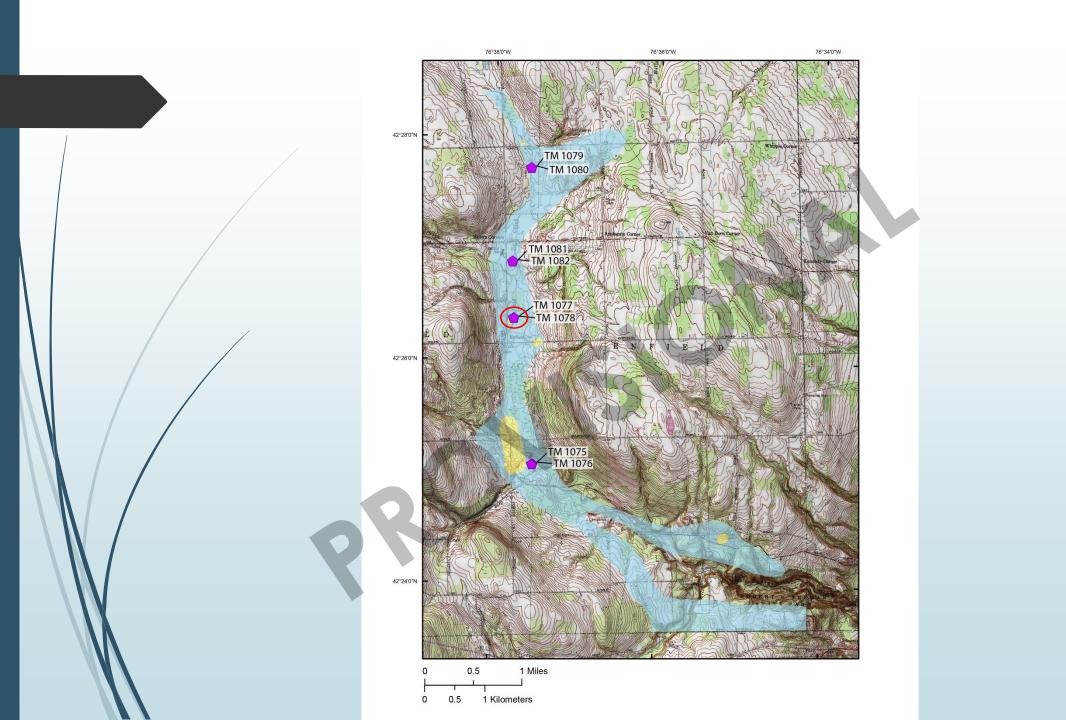
Figure ---. Well log and well construction details of U.S. Geological Survey test well TM1075, Enfield Department of Highways - deep well, off State Route 327, Town of Enfield, New York. Location of well shown on figure --.

### Shallow/Deep

D.O. 3.8/0.1 mg/L Salinity 0.2/1.4 ppt Dissolve

Dissolved Solids 214/1880 mg/L

Methane 52.2 mg/L



#### **USGS TEST WELL TM1077**

Stoneybrook - Town of Enfield, N.Y.

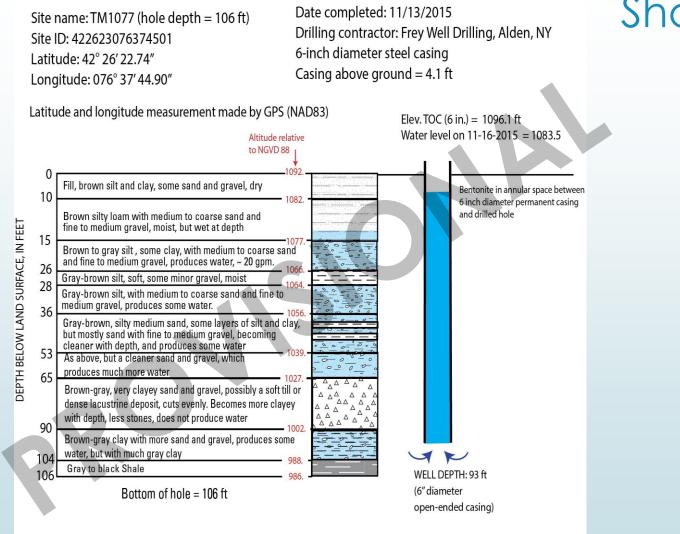
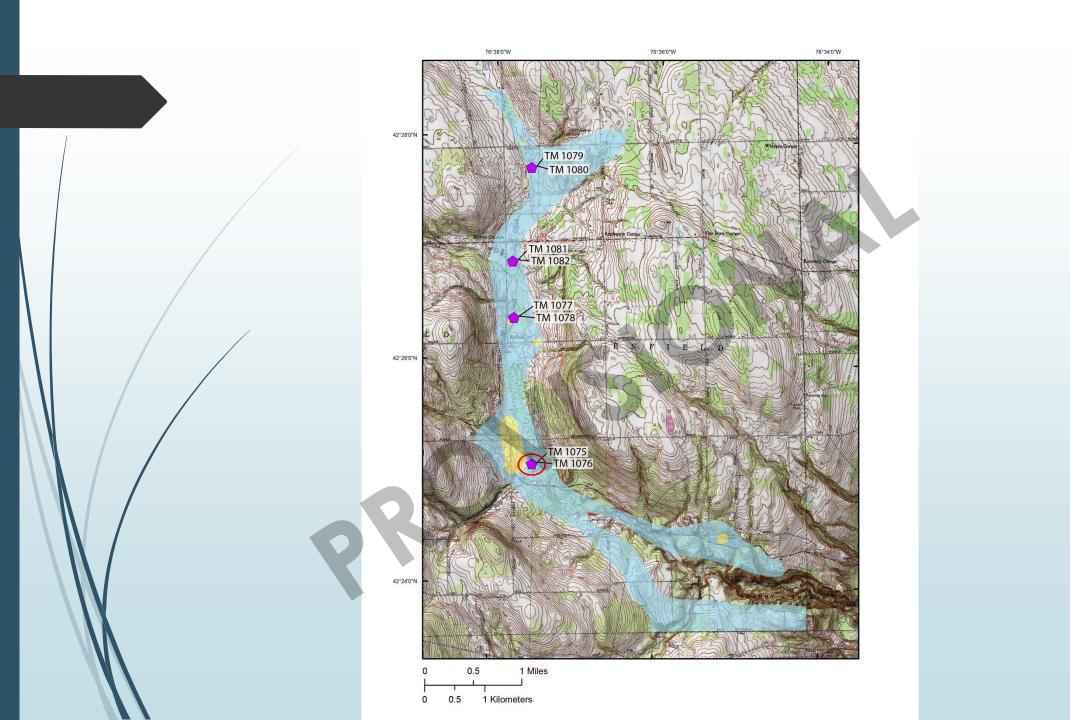
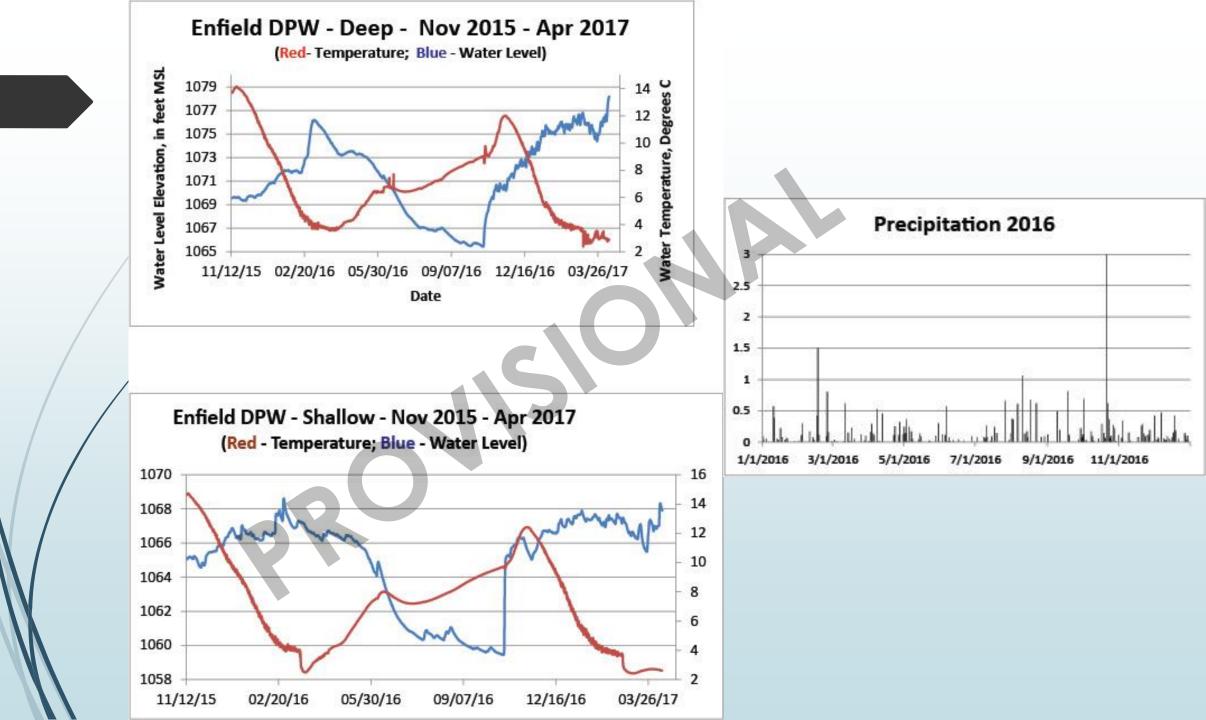
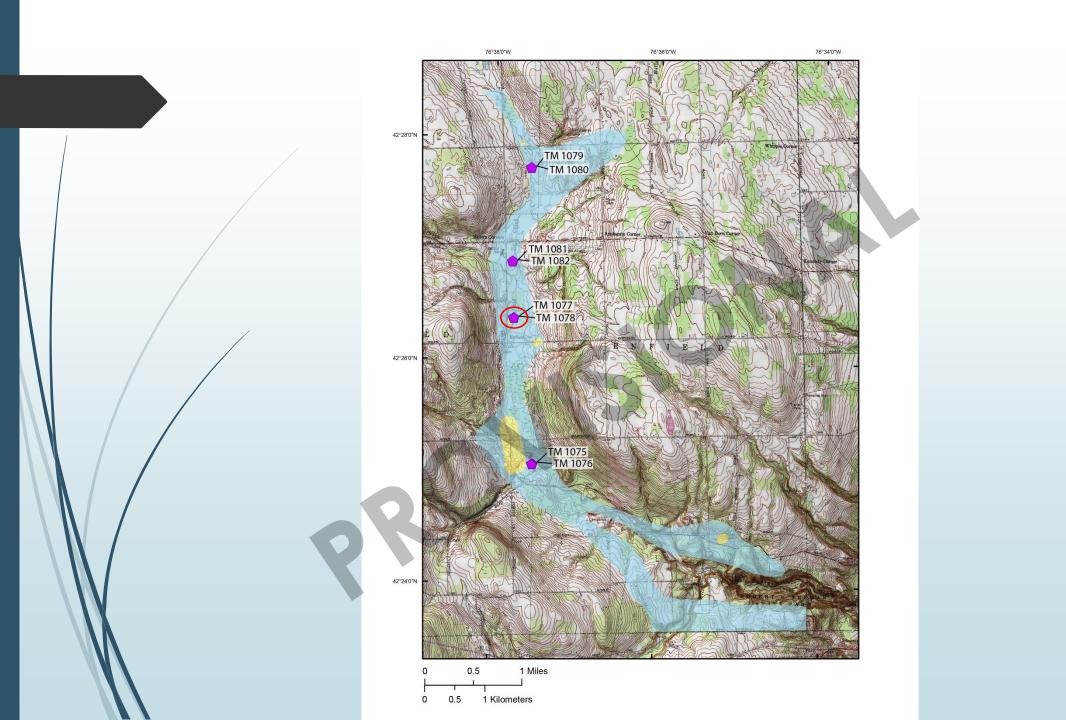


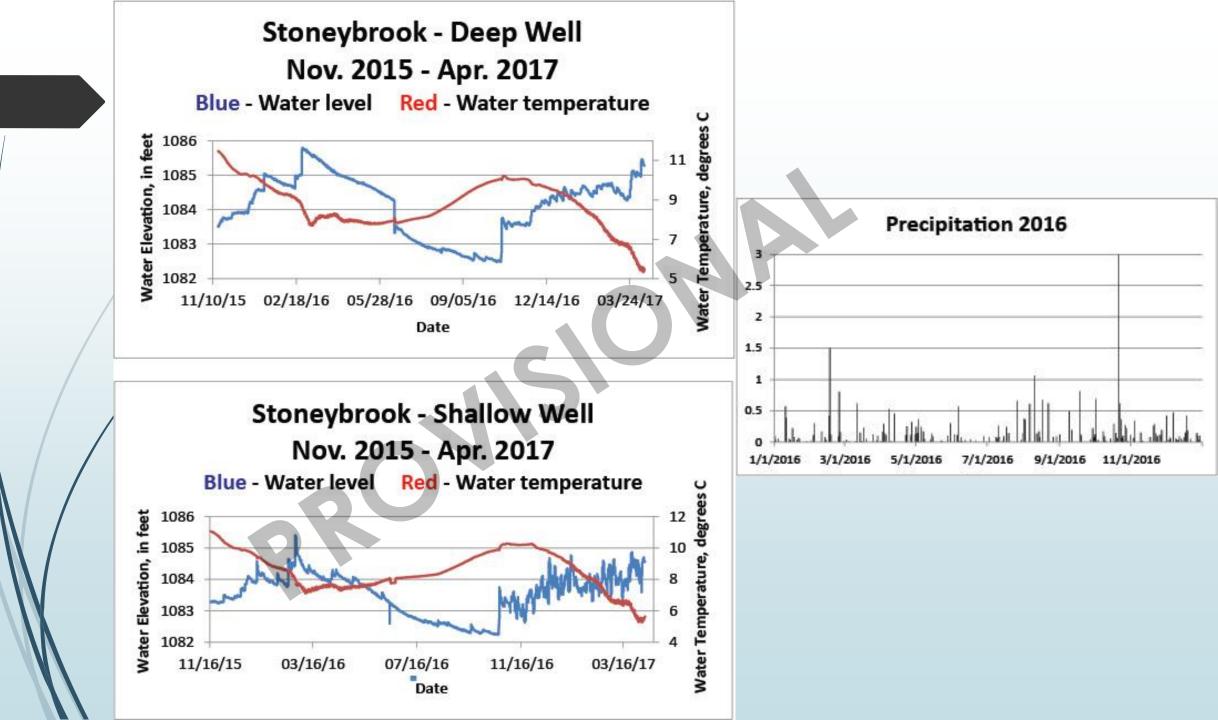
Figure ---. Well log and well construction details of U.S. Geological Survey test well TM1077, Stoneybrook - deep well, near Enfield Creek, Town of Enfield, New York. Location of well shown on figure --. Shallow/Deep D.O. 0.2/0.1 mg/L Salinity 0.2/1.3 ppt Dissolved Solids 331/1970 mg/L Methane 32.0

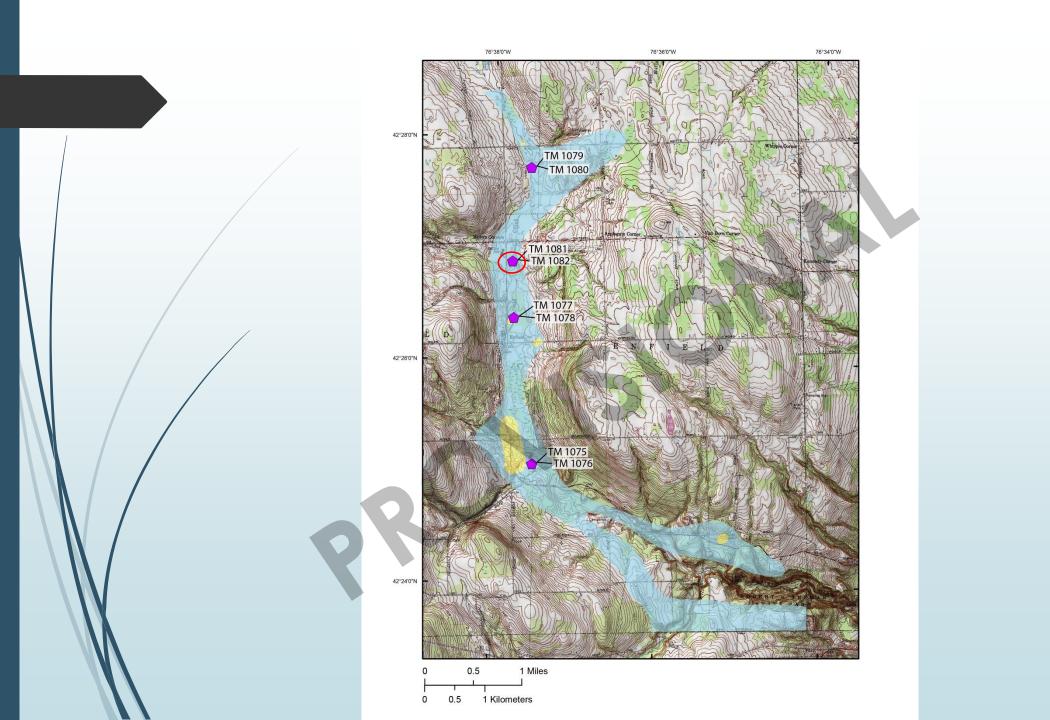
mg/L

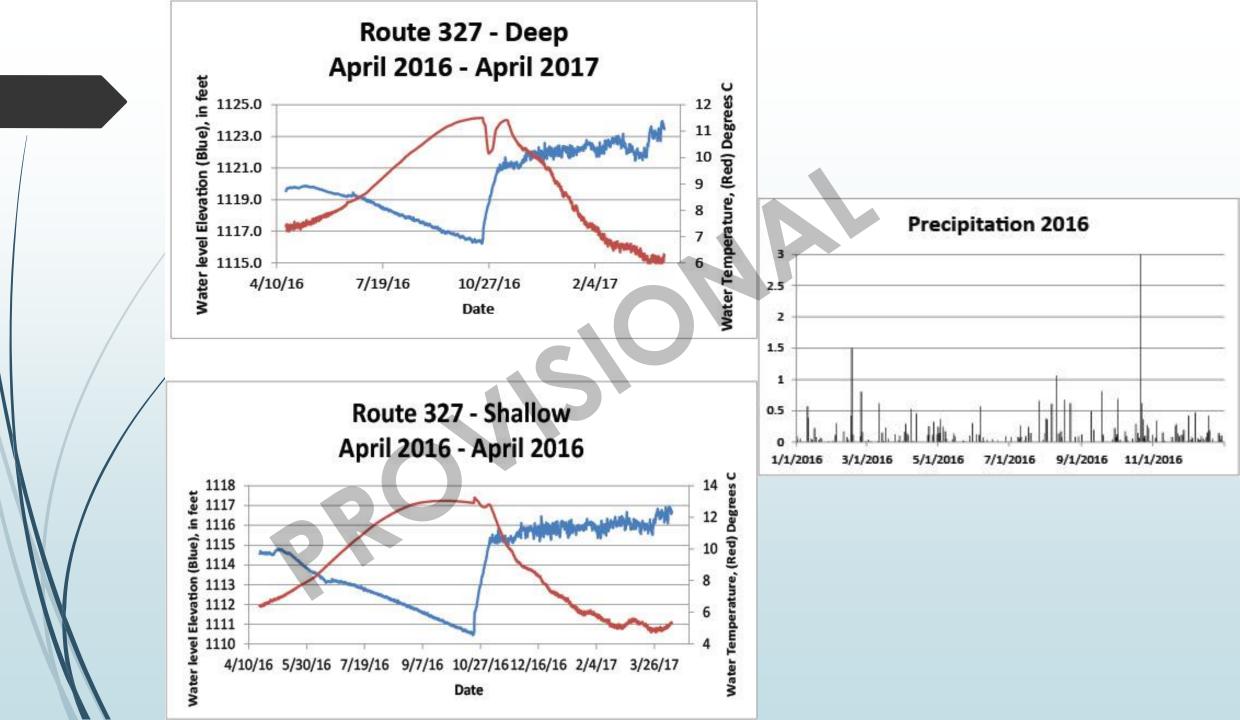




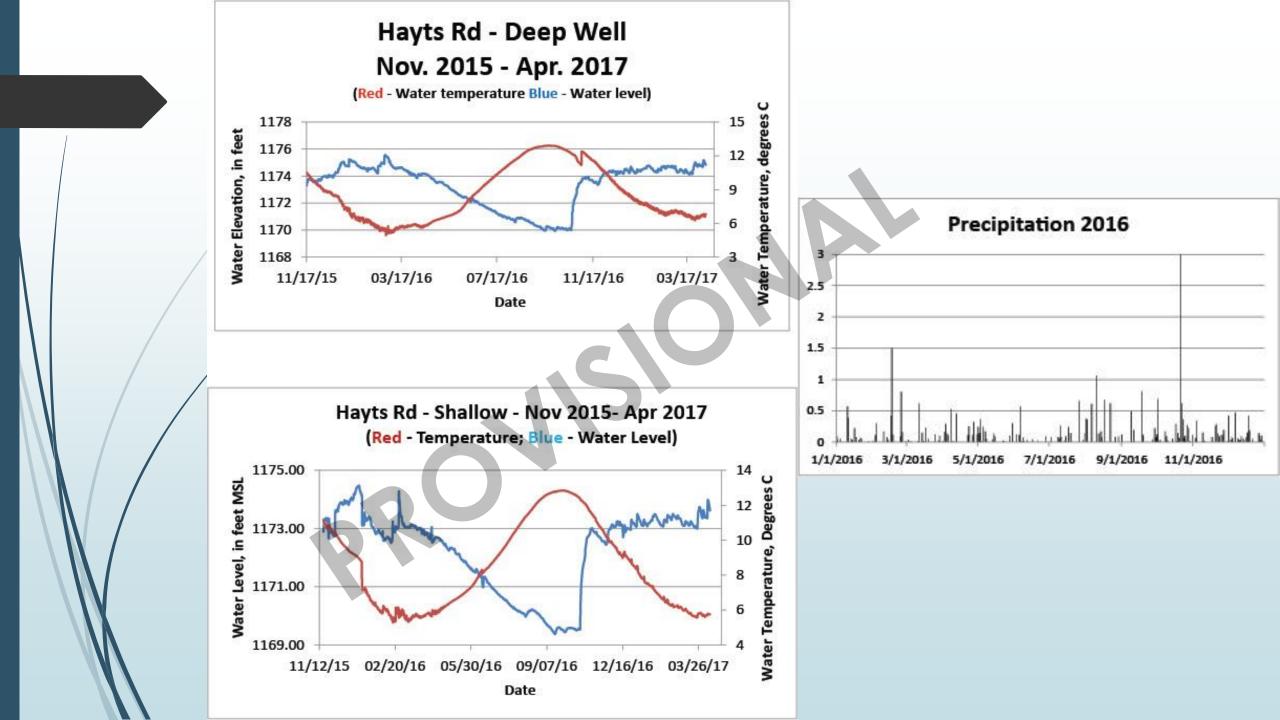












# Wrap up

- Project ends at the end of this fiscal year (FY17).
- Field work and data collection are completed
- Next step is to compile all the data and create a report about findings

Ben Fisher

607.266.0217 ext. 3018; bfisher@usgs.gov

Bill Kappel 607.266.0217 ext. 3013; wkappel@usgs.gov