



# Sonoma Water

Clean. Reliable. Essential. Every Day.

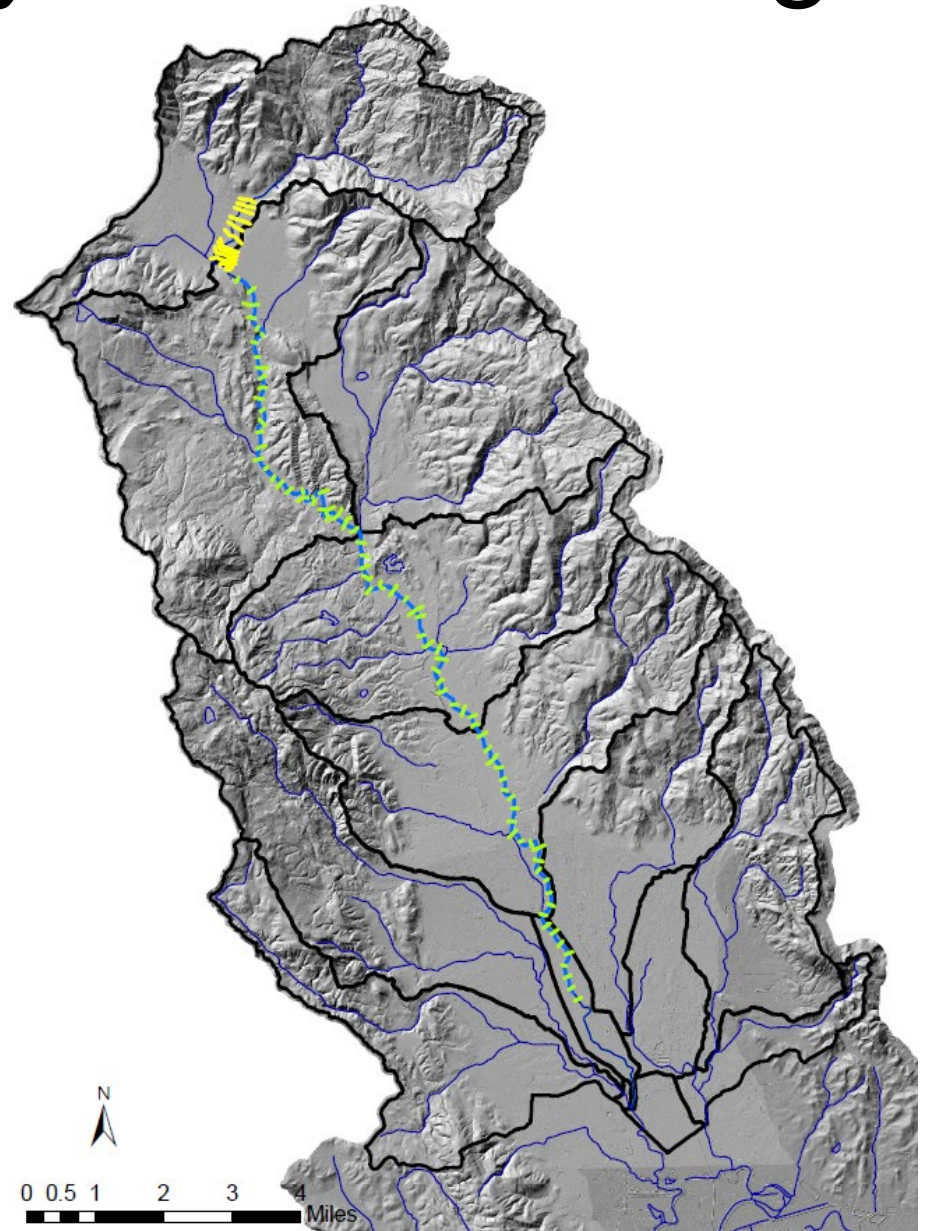
## Sonoma Valley H&H Modeling

FLOOD ZONE 3A



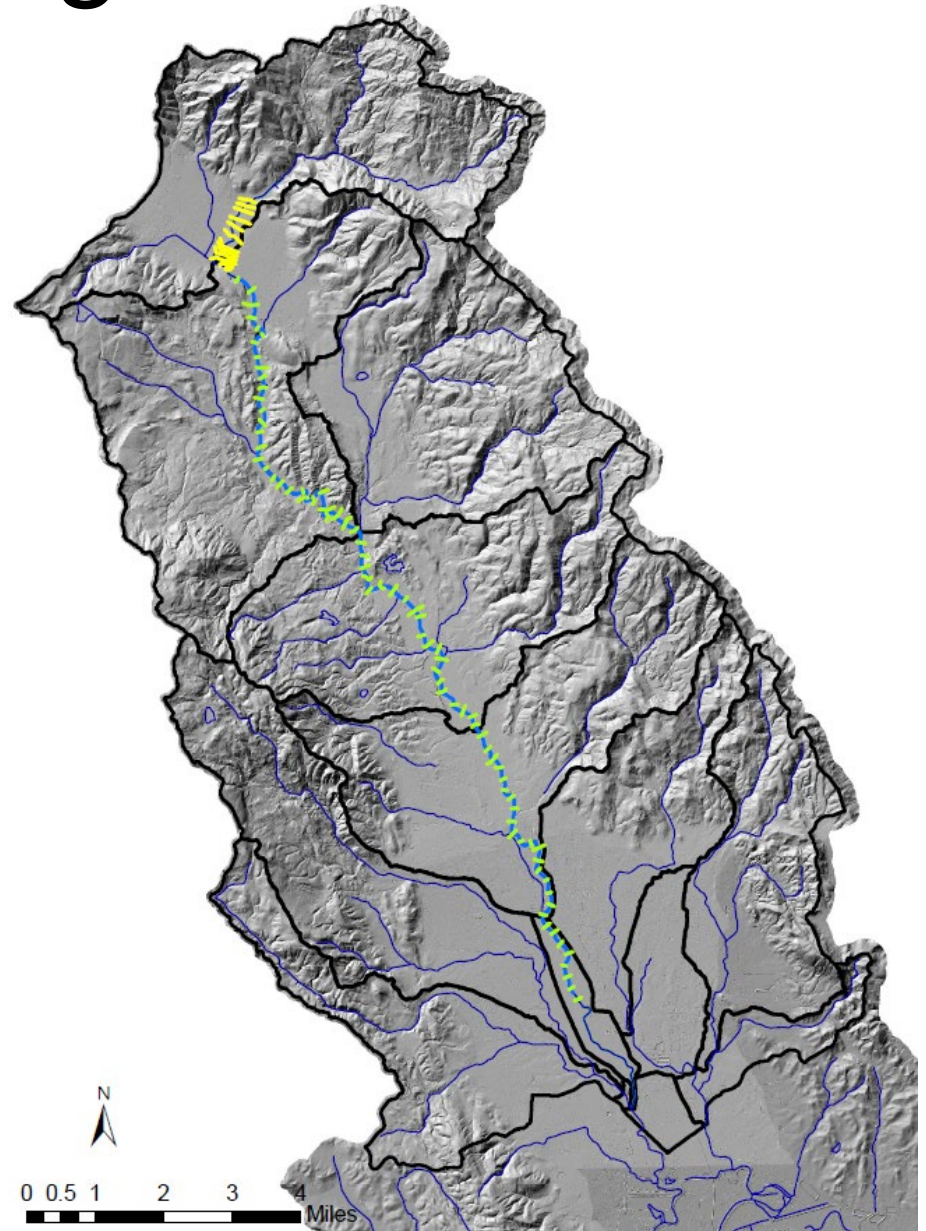
# Sonoma Valley H&H Modeling

- Comprehensive watershed model
  - Hwy 121 to Adobe Canyon
- ~14 miles of creek
- ~190 cross sections + 19 structures = 266 XS
- ~290 parcels



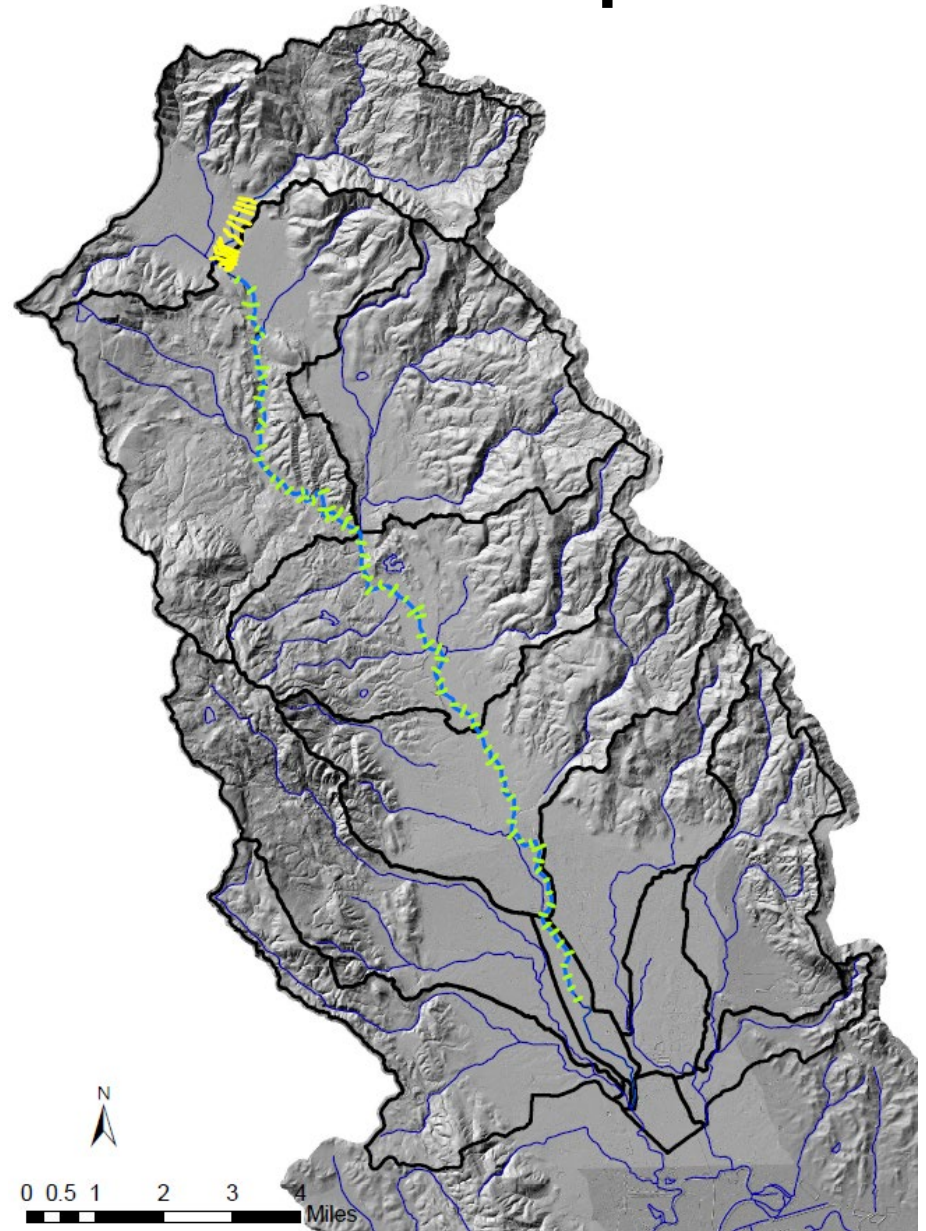
# Modeling Tasks

- Survey
  - Reconnaissance
  - Landowner Coordination
- Hydrological Model Updates
- Hydraulic Model Development
- Model Calibration
  - NYE 2005
  - Feb 25-27, 2019
- Report



# Future Tasks / Next Steps

- Flood reduction investigations
- Project development
- Expand survey + hydraulic model to incorporate additional tributaries





Sonoma  
Water