



Diagram Key

- ▭ MiniDOT dissolved oxygen (mg/L) and water temperature (°C) bubbler test data
- ▭ Extech barometric pressure bubbler test data (mbar)
- ◊ Saturated dissolved oxygen concentration calibration threshold
- ▭ Field-based MiniDOT dissolved oxygen (mg/L) and water temperature (°C) 1-min time series data (mg/L)
- ▭ Site elevation (m)
- ▭ BaroTROLL barometric pressure 1-min time series data (mbar)
- ▭ HOBO absolute pressure (mbar) and water temperature (°C) 15-min time series data
- ▭ Observed depth (cm) and channel width (m) data
- ▭ External data source
- ▽ Merge time series datasets
- ▭ Plot/visual data quality check and data cleaning
- ▭ Raw data processing
- ▭ Secondary data processing
- ◊ Final data output
- ▭ StreamMetabolizer data processing and modeling
- ◊ StreamMetabolizer model output