



KCWP 2022 WATER QUALITY PROGRAM REVIEW

Kathleen Satnik

PURPOSE



DEPARTMENT OF
ECOLOGY
State of Washington

Upper Yakima River Basin Suspended Sediment and Organochlorine Pesticides TMDL

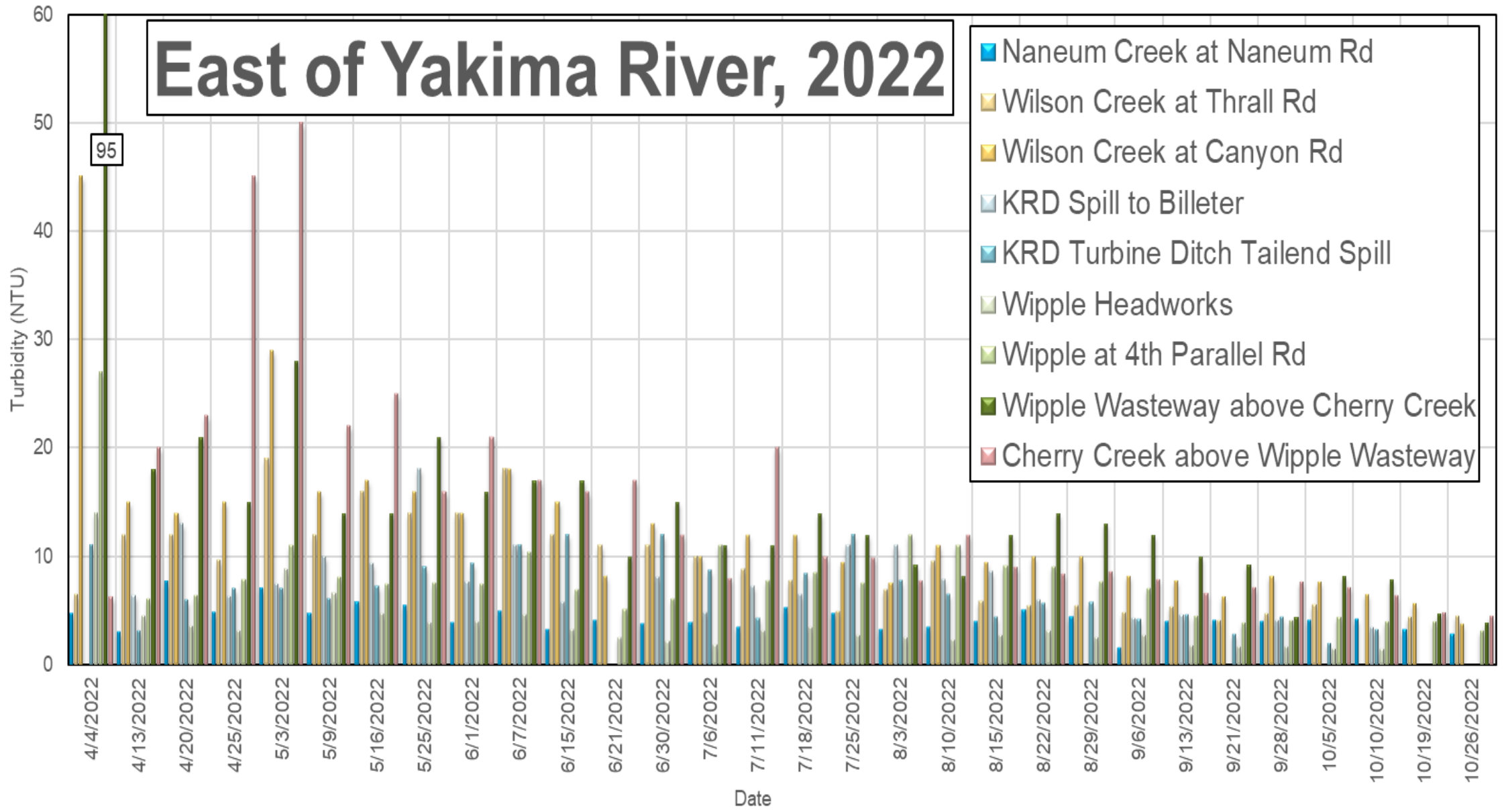
**2019 Effectiveness Monitoring for
TSS and Turbidity TMDL Targets**



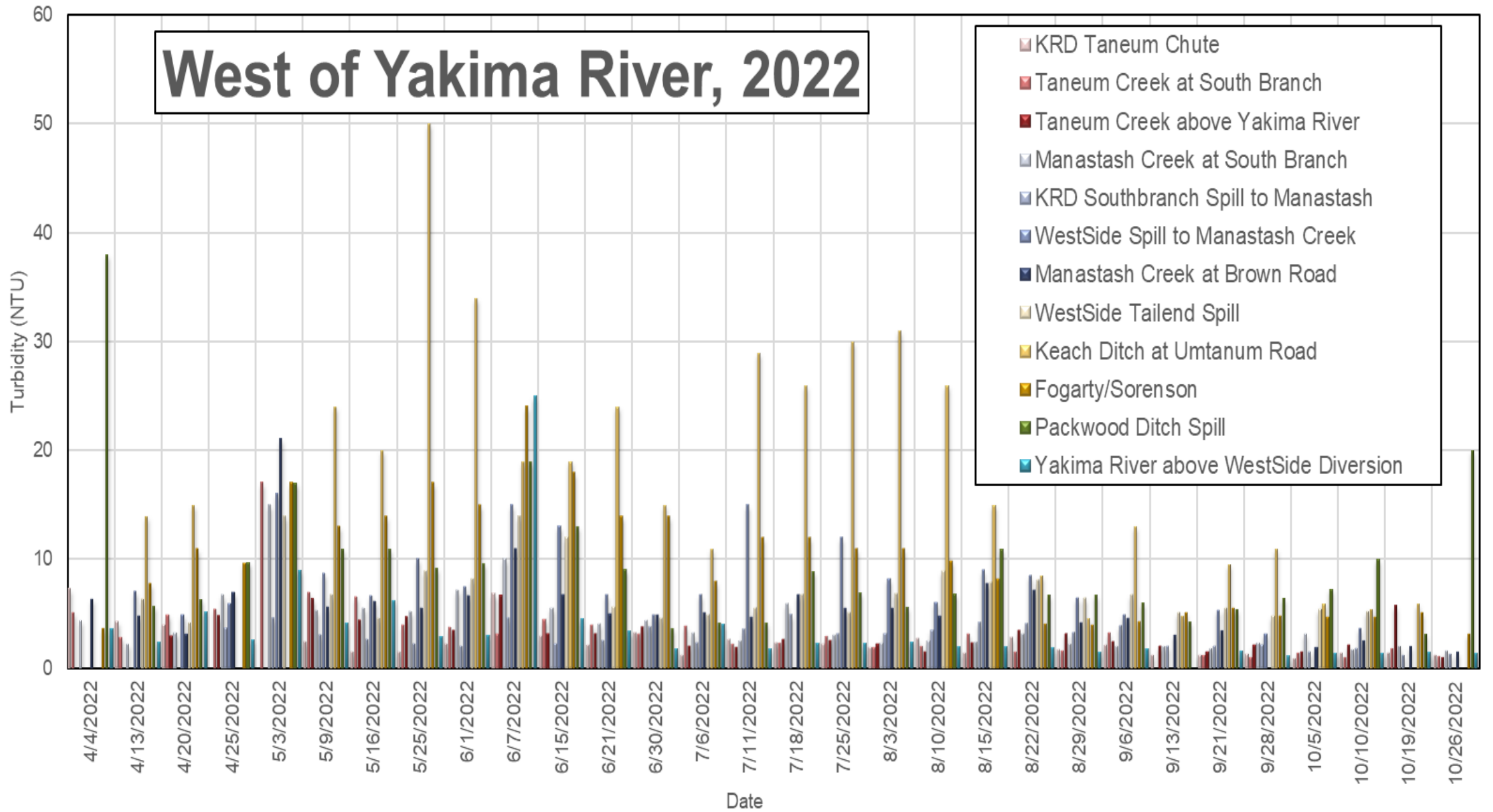
July 2021

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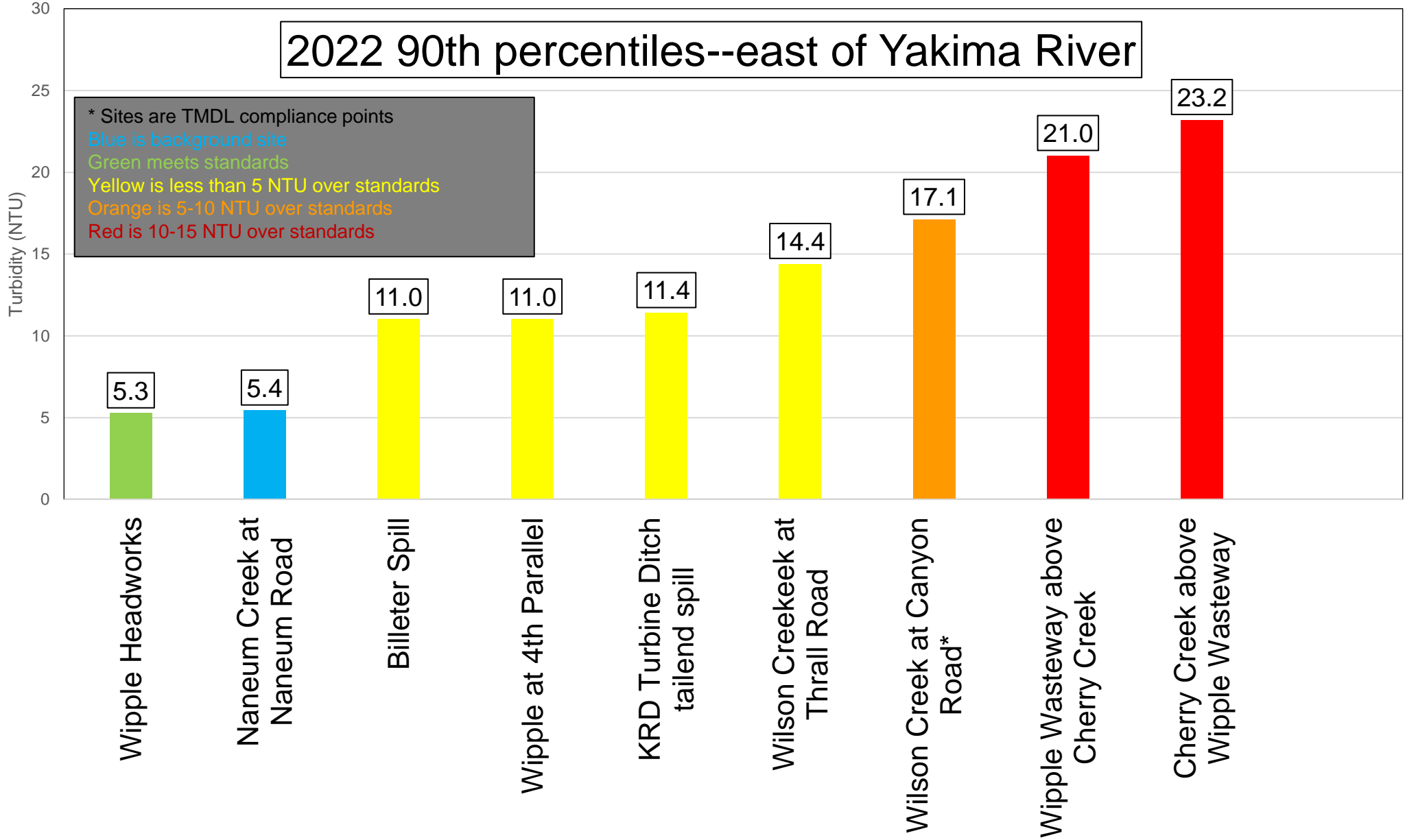
East of Yakima River, 2022



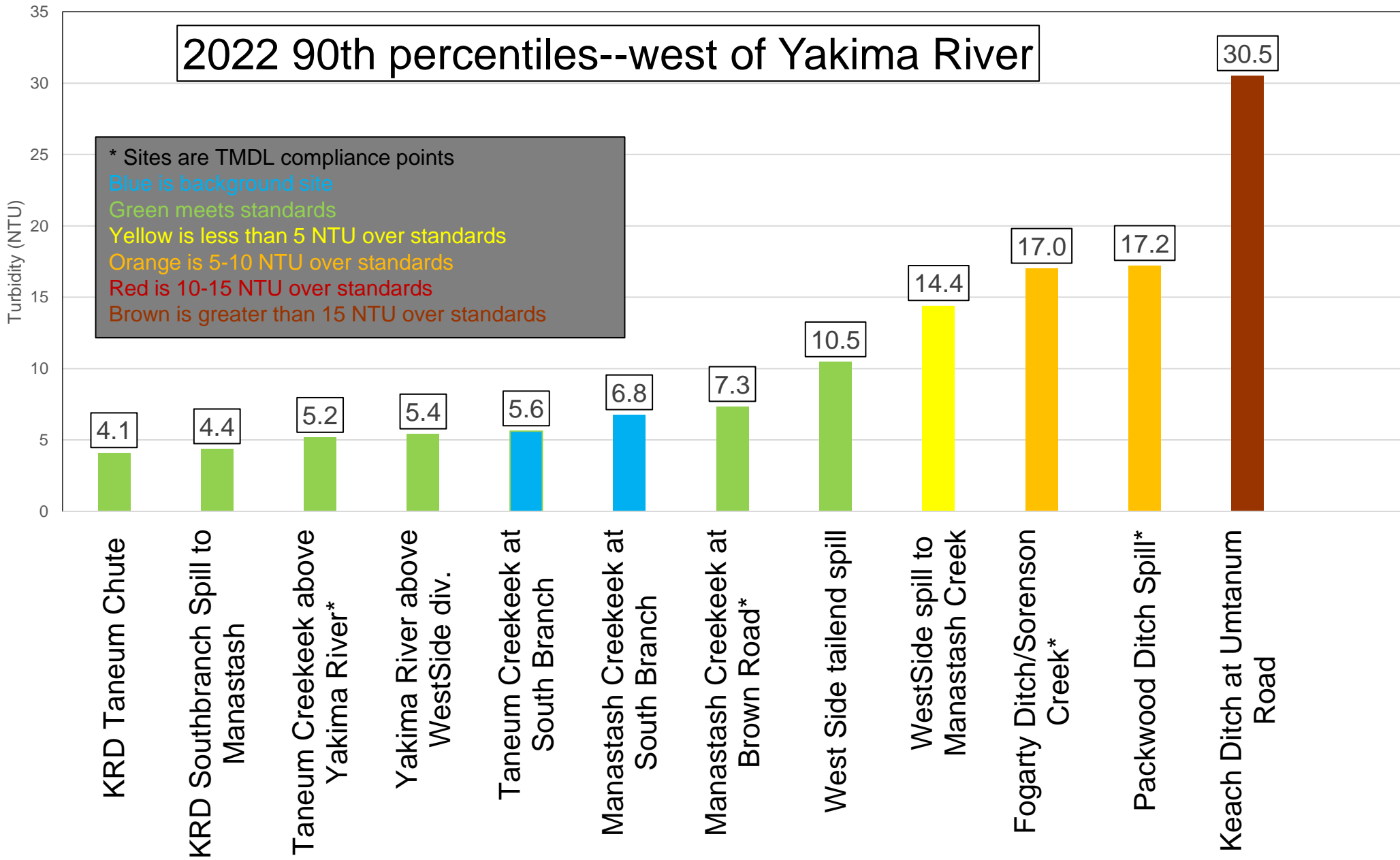
West of Yakima River, 2022



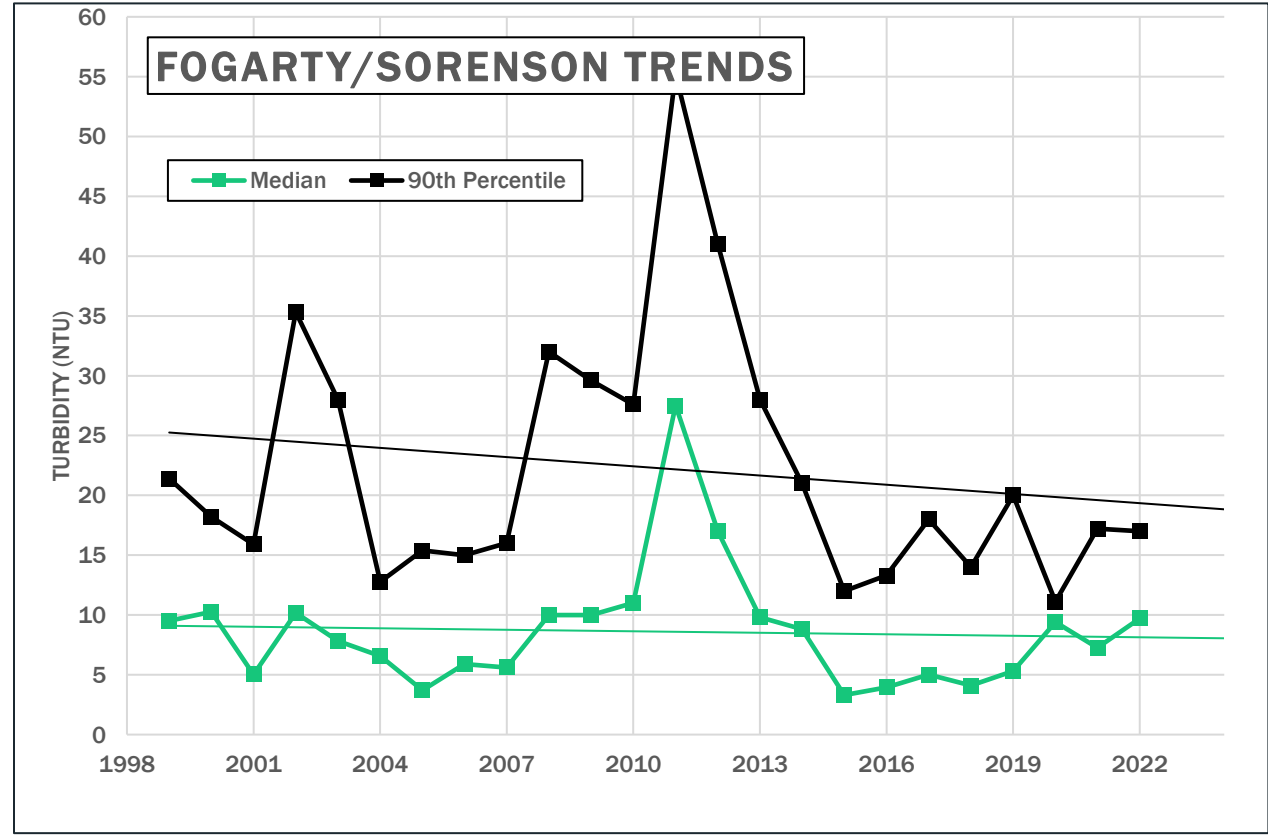
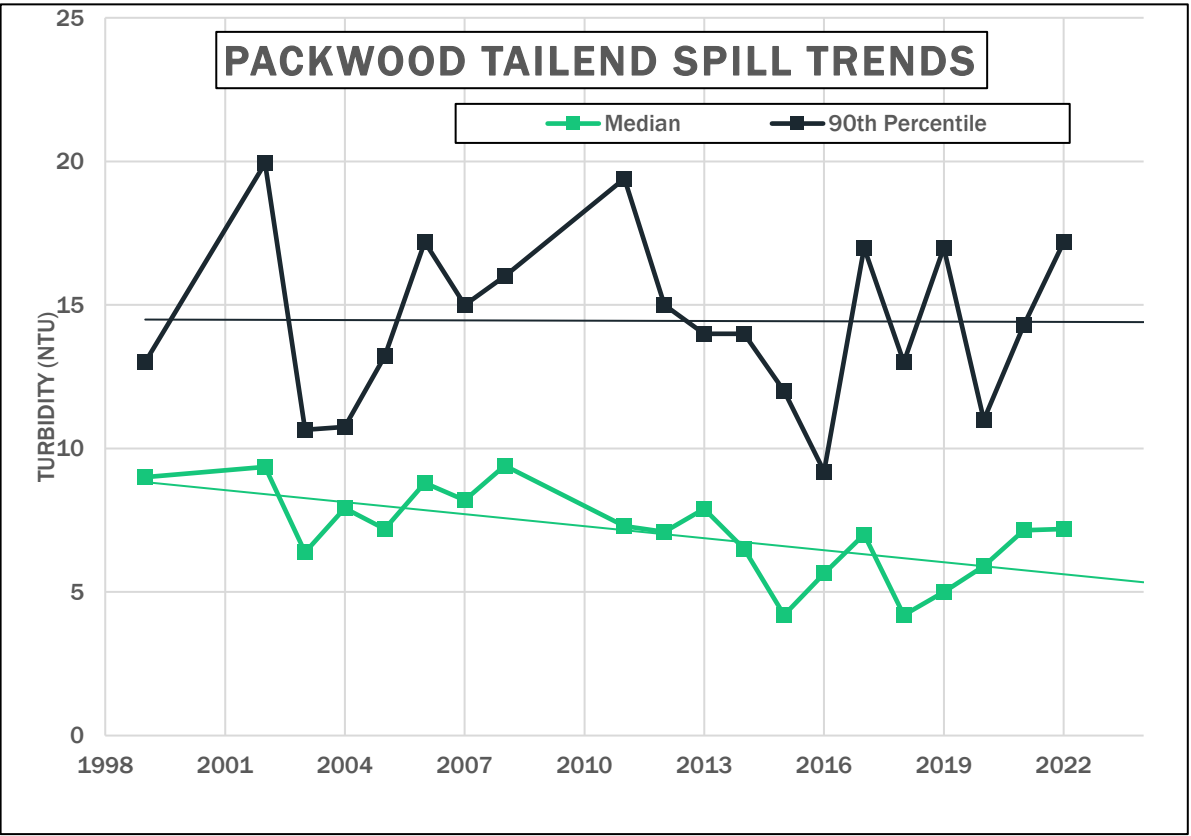
2022 90th percentiles--east of Yakima River



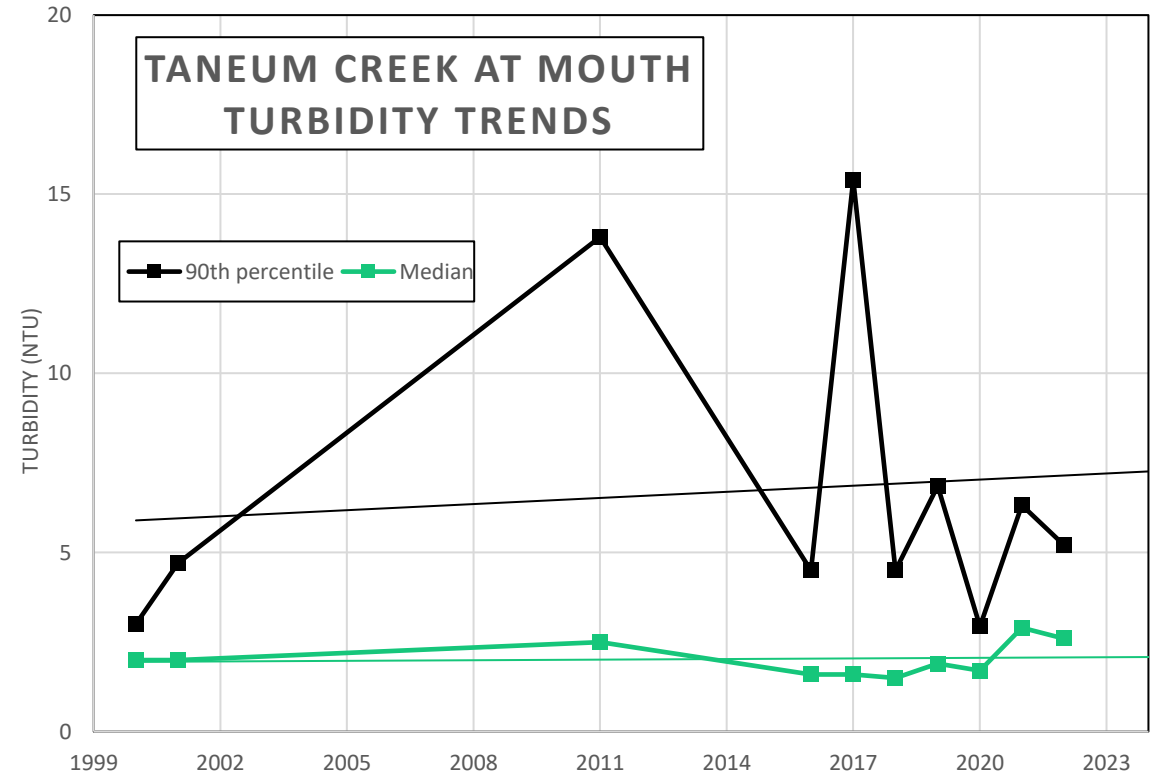
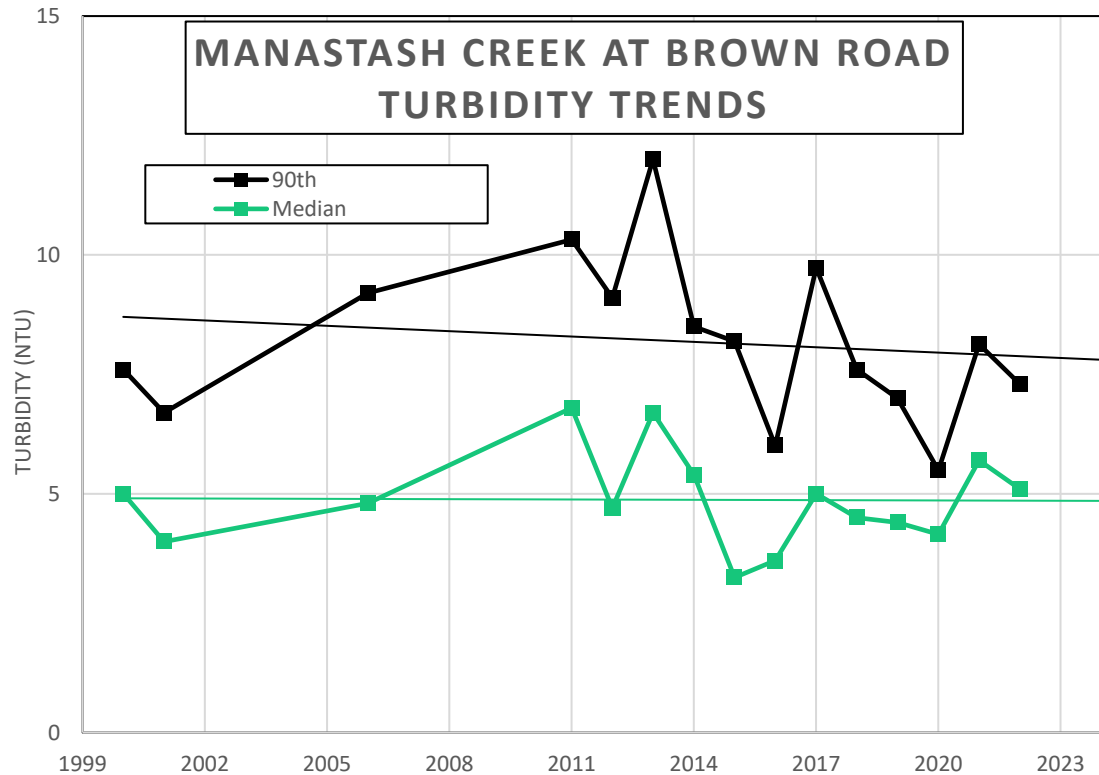
2022 90th percentiles--west of Yakima River



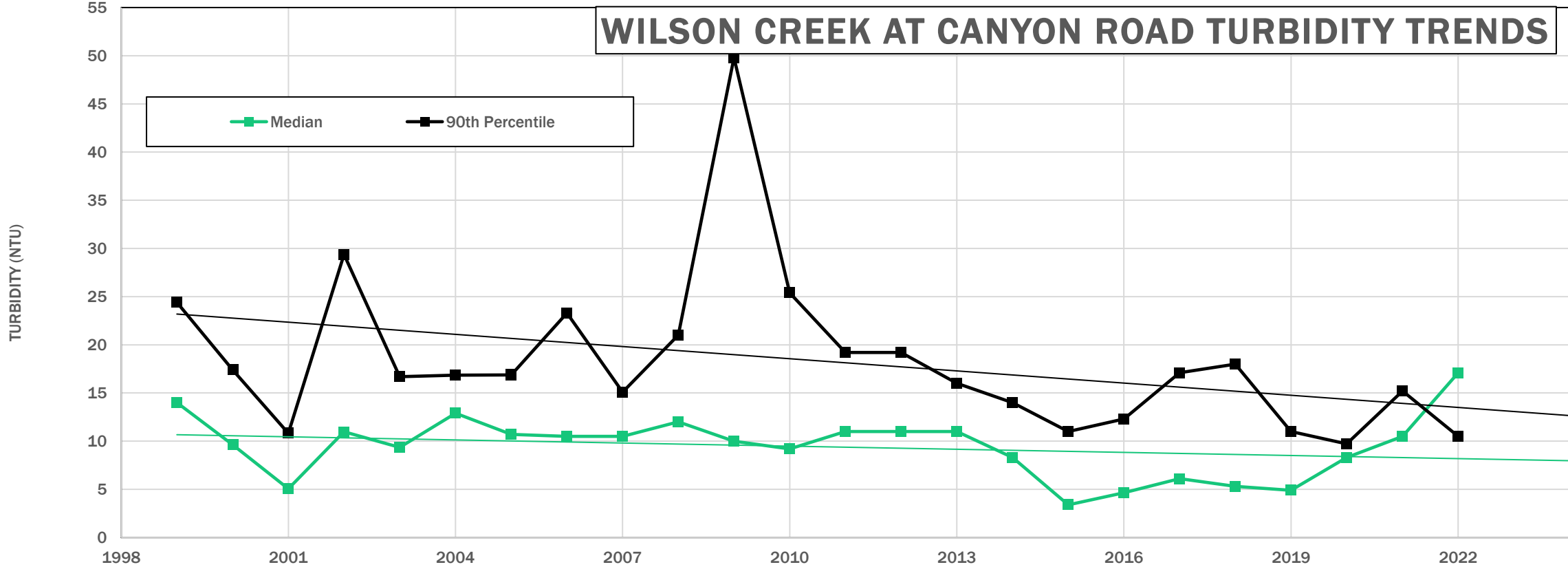
TMDL COMPLIANCE POINT 90TH PERCENTILE TRENDS 1999-2022



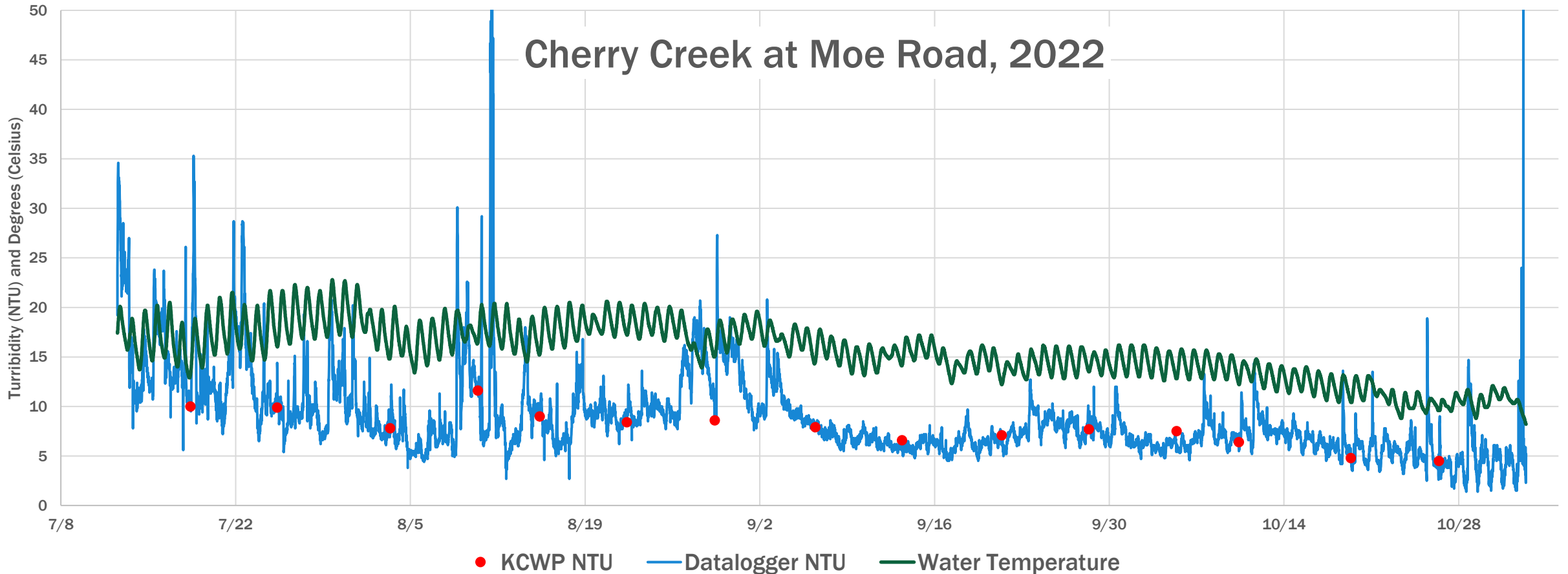
TMDL COMPLIANCE POINT 90TH PERCENTILE TRENDS 1999-2022



TMDL COMPLIANCE POINT 90TH PERCENTILE TRENDS 1999-2022

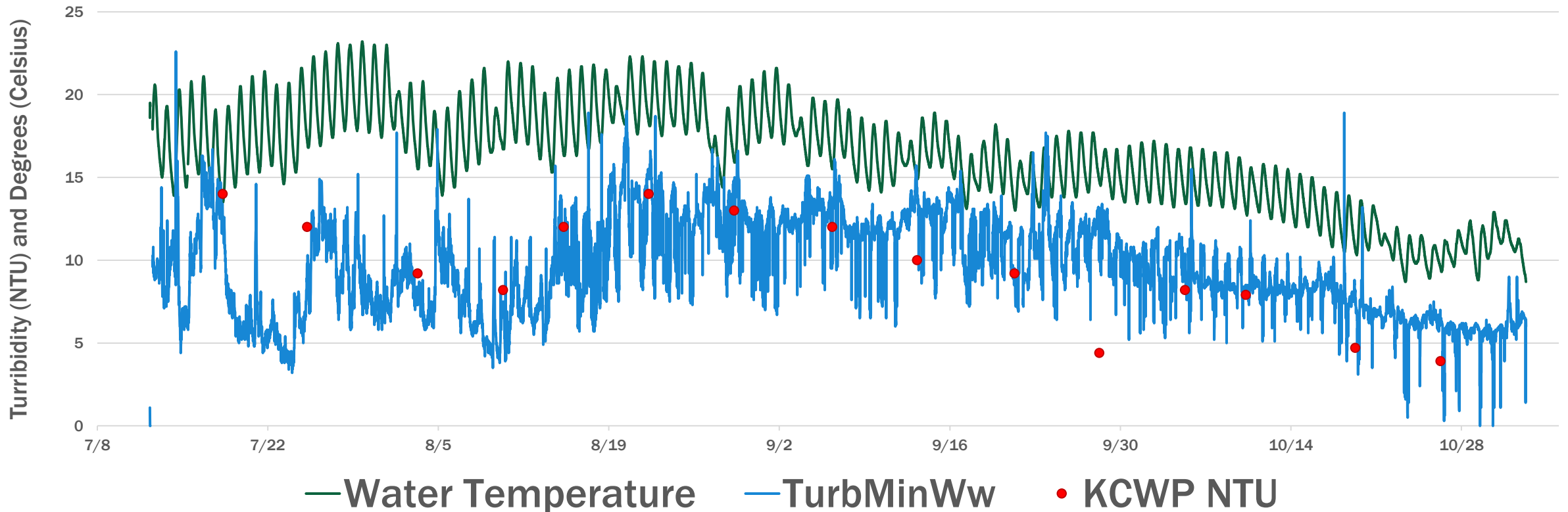


TURBIDITY SENSOR DATA IN COOPERATION WITH KCCD



TURBIDITY SENSOR DATA IN COOPERATION WITH KCCD

Wipple Wasteway above Cherry Creek, 2022



KCWP WATER QUALITY PROGRAM

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509-925-6158

2023 KCWP FUNDED

- WEEKLY MONITORING AT 23 SITES APRIL-OCTOBER
- PROVIDE ASSISTANCE TO KCWP PARTICIPANTS
- LIASON WITH ECOLOGY AND OTHER AGENCIES

2023 KRD FUNDED

- STREAM SUPPLEMENTATION MONITORING
 - TURIBIDITY
 - TEMPERATURE
 - DISSOLVED OXYGEN

2023 KCCD/VSP FUNDED

- CONTINUOUS TURBIDITY AND TEMPERATURE
 - WIPPLE WASTEWAY ABOVE CHERRY CREEK
 - CHERRY CREEK AT MOE ROAD