

Updates to QAPP for 2015 Synoptic Survey

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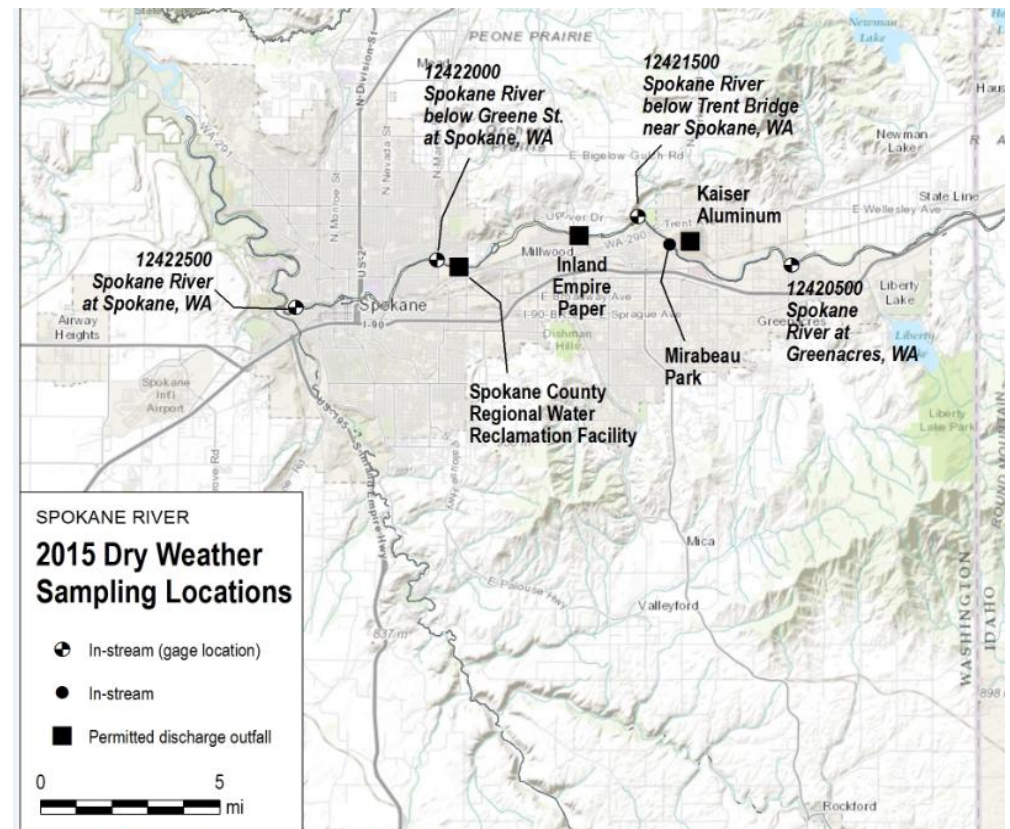
Background

- SRRTTF will conduct dry weather monitoring to confirm/refine results of 2014 synoptic survey
- 2015 survey requires a new QAPP
 - Will be done as an addendum to 2014 QAPP
- Key changes
 - Shorter spatial and temporal extent
 - New rainfall “rules”
 - SOP for stream flow measurement
 - Refined blank correction language



Spatial Temporal Extent

- Spatial extent is Greenacres to Spokane Gage
 - Mirabeau Park station added
- Temporal extent of five days
 - Sample river every day
 - Sample discharges on days 1, 3, and 5



New Rainfall Rules

- What constitutes a “wet weather” event?
 - Old rule: 0.2” of rain at Felts Field
 - New rule: Average of 0.2” of rain at eight reporting stations throughout Spokane
- What do we do if wet weather occurs?
 - Postpone initiation if rainfall likelihood greater than 50% for the any of the first three days of sampling
 - If event occurs on days 1-4, delay 2 days then continue
 - If event occurs after day 4, terminate



Flow Monitoring/Blank Correction

- Standard procedures for flow monitoring added
 - Manual flow measurements at multiple stations
- Potential new language on blank correction
 - The “3x blank correction procedure” being used in the SRRTTF’s sampling efforts is just a “placeholder” or “method used at this time” but calculated values may be adjusted in the future using other blank correction methods deemed appropriate.

