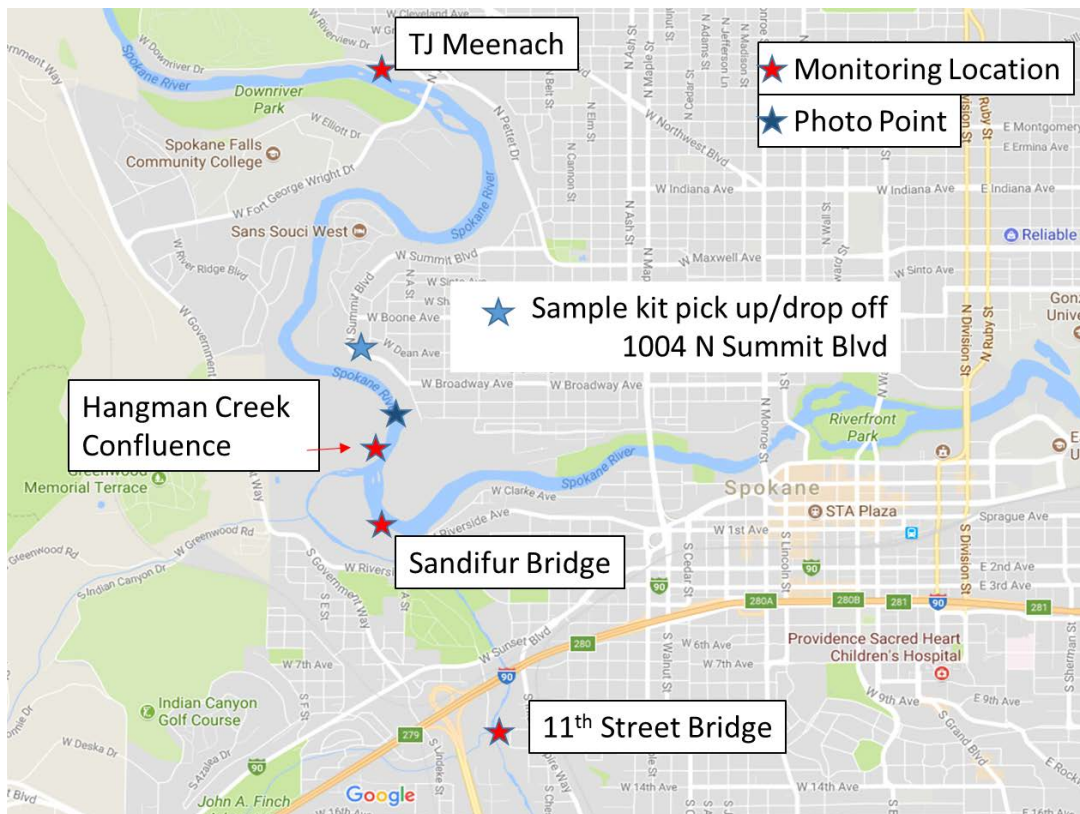


Citizen/Angler Science Spokane River Sediment Study - Quick Facts

Methods Cheat Sheet:

1. Pick up and return transparency tube and sample bottle with fishing pole from 1004 N Summit inside gate to house off driveway (will be in grey tub near or strapped to fence inside the gate).
2. Drive to photo point at corner of Summit and College and take photo of mouth of Hangman Creek.
3. Drive to TJ Meenach and take transparency of Spokane River (see below for instructions), record data.
4. Drive to Peoples Park and take transparency of Spokane River below Sandifur Bridge (upstream of Hangman Creek), record data.
5. Drive to 11th Street Bridge in High Bridge Park and take transparency of Hangman Creek, record data.
6. Enter data at <https://spokanefallstu.org/turbidity-data/>
7. Return sampler to 1004 N Summit



Where: four sample stations

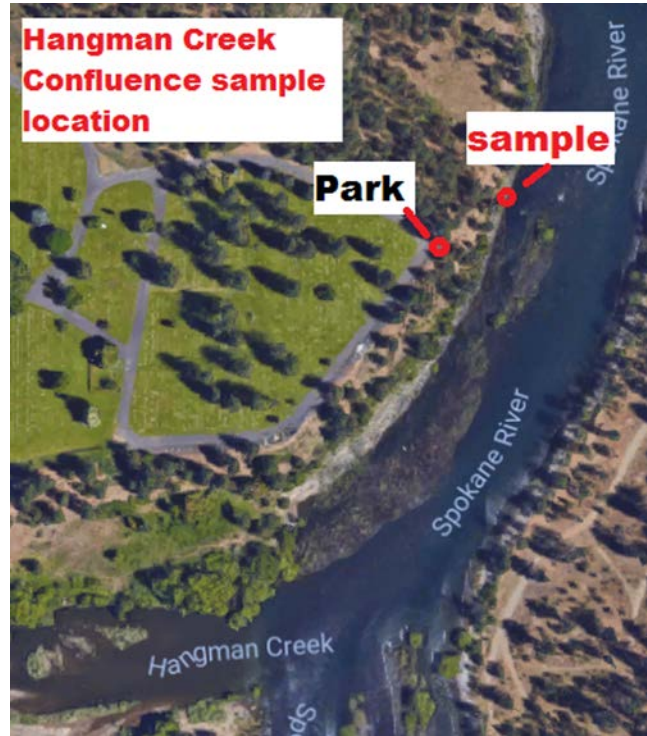
Park at the points identified on above map:

1. Above confluence with Hangman Creek in the Spokane River – Sandifur Bridge parking area – walk to the bank of the river above bridge
2. 11th Street Bridge - Hangman Creek – sample from bridge

3. Hangman Creek Confluence - park in the east end of the Memorial Park cemetery – walk to the riverbank below confluence.
4. In main stem of Spokane River at TJ Meenach Bridge (parking area below bridge) – park at gate if closed – walk to the river and sample under the willows

The What:

The task is to collect flow, turbidity and photo data at four points along the Spokane River throughout winter of 2017/18 and into the summer or 2018



5. Take sample of water and transfer to transparency tube until secchi (black and white) disc at bottom is no longer visible or tube is full.
6. Release the stopcock at the bottom of tube until you can faintly see the secchi disc. Record >60 cm if disc is visible when tube is full.
7. Record the level of the water in centimeters, along with the date, time and flow
 - a. Log results on paper form AND online form: <https://spokanefallstu.org/turbidity-data/>



Figure 1. Releasing water until Secchi disc is faintly visible at bottom of tube.

8. Volunteers would log flow data from USGS gage at Spokane for:
 - b. Spokane River https://waterdata.usgs.gov/nwis/uv?site_no=12422500
 - c. Hangman Creek: https://waterdata.usgs.gov/nwis/uv?site_no=12424000
9. Volunteers take a photo at photo point: North Summit Street and W. College – **find the Green Zip Ties on the fence.**
Frame Photos this way for constancy... that way we can to a time lapse at the end of the study.



Example photos: west aspect, south aspect



Location of photo point

Important Contacts (call Jerry/Jule if problems arise)

- Jerry White, Riverkeeper/SFTU Board member (509) 475-1228 jerry@cforjustice.org
- Jule Schultz Riverkeeper Scientist (360) 461 – 5975 jschultz@cforjustice.org
- Harvey Morison (509) 981 – 9945