

City of Port Angeles project: Streamkeepers Grab-Sample Plan, revised 4/30/18

Include Precip (24 hr) readings or multi-day retrospectives of preceding wet and dry periods, based on a reliable local weather station

- Organize sampling tours around volunteer/lab availability; min. 2 volunteers needed, and lab is generally available M-Th before 2 PM.
- Try for 50% monthly wet-weather tours during the year, where "wet" is defined as ≥ 0.15 " of rain-equivalent within the prior 24 hours.
- If 50% wet-weather tours have not been taken as the year progresses, conduct a wet-weather tour if volunteers are available even if a dry-weather tour has already been conducted that month.
- Conduct two "storm" (defined as ≥ 1 " of rain-equivalent within the prior 24 hours) tours per year, preferably in different seasons, with or without volunteers, even if a sample has already been taken that month.
- If volunteers are available, precede "storm" sampling tours with pre-storm tours, preferably the day prior to the storm.
- If a "storm" tour has been conducted during a month, no further tours will be conducted that month.
- If two "storm" tours have not been conducted by the end of November, consider relaxing the 1" criterion in December.
- For "wet-weather" or "storm" sampling, use best judgment to label each visit as Baseflow; First-Flush; Rising-Curve; Peak; or Post-Peak, considering storm intensity, turbidity, flow velocity, and stream stage relative to what it was pre-storm. The storm may iterate back and forth through multiple stages during a sampling tour.

Monthly Samples--Organize around volunteer availability; Aim for 6 dry-weather and 6 wet-weather samples		Additional sites for storm sampling (see above)--aim for 1 pre-storm and 1 during-storm or just-after-storm sample (preferably on consecutive days) 2x/yr if possible (preferably in different seasons)
Peabody 0.0 (when possible)	C	Peabody 2.9 (Coyote Run Lane off Scrivner Rd)
Peabody 0.2 (just u/s of final culvert; include stage reading)		Tumwater 0.1 (d/s of storm pipe)
Peabody 0.2 rep	W	Tumwater 0.1b (LB storm drain input @ 3rd St.)
Peabody 0.2a (pipe d/s of trailer park office)		Tumwater 0.1a (@ 3rd St. u/s of LB storm drain input)
Peabody 0.2b (u/s of pipe)		Tumwater 1.5a (u/s of Hwy 101, u/s of storm input from west)
Peabody 0.4b (u/s of trailers, d/s of plunge pool below culvert)		Tumwater 1.5b (u/s of Hwy 101, storm channel from west)
Peabody 0.4 (u/s of Peabody St.)		Tumwater 4.4 (3142 Black Diamond Rd)
W Peabody 0.4a (storm input under Peabody St.)		Valley 0.0 (when possible)
Peabody 0.9 (beneath water pipe, d/s of kids' play area)		Valley 0.4 (u/s of final culvert @ 6th St)
Peabody 1.2 (beneath Lauridsen, u/s of stormwater flume)		Valley 0.4 rep
Peabody 1.2c (beneath Lauridsen, stormwater flume)		Valley 0.7 (@ 12th St., near end of Valley Street)
C Peabody 1.4 (National Park loop trail, u/s of u/s crossing)		Valley 1.0 (u/s of "flatbed" bridge @ 14th St)
Tumwater 0.0 (across from Westport side door)		Valley 1.2 (d/s of Hwy 101)
Tumwater 0.0 rep		Valley 1.4 (Vern Samuelson Trail ~0.1 mile u/s of Hwy 101)
Tumwater 0.8 (d/s of storm input below Tumwater Truck Rt)		Semi- Annual Marine Samples--fecal + entero (big 500 mL bottles)
Tumwater 0.8d (storm pipe below Tumwater Truck Route)		PA Harbor @Hollywood west
Tumwater 0.8e (u/s of storm input below Tumwater Truck Rt)		PA Harbor @Hollywood central
Tumwater 1.5 (u/s of Hwy 101, d/s of storm input from west)		PA Harbor @Hollywood east
		PA Harbor @Peabody mouth
		PA Harbor @Peabody mouth rep