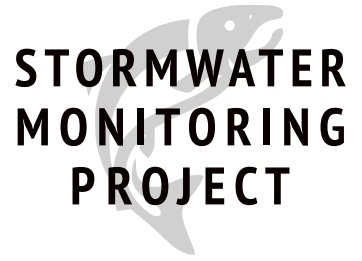


Field Datasheet for teams without YSI/Turbidity meters



City		Date	
Investigators		Start Time	End Time

Tide Height +/- ft		Tide Time		Past 24hr Rainfall		
Weather (circle)	Sun/Clear	Part Cloud	Overcast	Rain-Light, Mod, Heavy	Snow	↓ DRY OUTFALLS ↓
Site ID						
Arrival Time						
Flow: T, M or H						Thresholds Outfall Creek
Flow compared to expected based on rainfall (circle)	Higher Normal Lower	Higher Normal Lower	Higher Normal Lower	Higher Normal Lower	Higher Normal Lower	unexpected high or low flow
Air Temp °C						
Water Temp °C						> air T >16°C or >17.5°C
DO mg/l						< 6 mg/l < 10.0 mg/l
SPC µS/cm						> 500 µS/cm
Salinity ppt						
pH						< 5 or > 9 < 6.5 or > 8.5
Turbidity ntu						> 50 ntu site specific
Color	Rank 0-3					any non-natural phenomena
	Describe					
Odor	Rank 0-3					
	Describe					
Visual	Rank 0-3					
	Describe					
Bacteria Bottle #						

Notes:

Protocol Reminders

- **Flow** - do not monitor/sample stagnant/pooled water. There **must be an observable flow**.
- **Rinse** all containers (buckets, cups, bottles, vials, etc.) **3 times EACH** with outfall/creek water and keep 4th fill to sample/monitor.
- **Collect samples directly from outfall or creek** when possible.

Guide to Filling Out Worksheet

- **Investigators:** list all who are present. This is how we track volunteer hours for grants.
- **Tide:** record tide at start of sampling, example - 0.25' @ 13:14
- **Past 24hr Rainfall:** using the website <https://www.visualcrossing.com/weather.data> enter your town in the box below 'Weather Data Now' and select history. Summary page has rainfall.
- **Air Temp:** read on field thermometer while it is shaded and protected from the wind.
- **Flow:** record appropriate letter; **Trickle** = fills 16 oz. cup in 2 minutes, **High** = fills 16 oz. cup in 5 secs, **Moderate** = anything in-between and **N** = none. If the flow is greater than expected based on previous rainfall, circle Y.

Color Severity Scale		Odor Severity Scale		Visual Severity Scale	
0	None	0	None	0	None
1	Faint - faint color in sample	1	Faint - odor barely noticeable	1	Few/slight
2	Moderate - color clearly visible in sample	2	Moderate - odor easily detected	2	Moderate
3	Intense - color clearly visible in outfall flow or creek	3	Strong - noticeable several feet away	3	Excessive/severe

- **Color:** Observations may include brown, reddish brown, light green etc... Record the color seen followed by the 0-3 severity rating. Ex: Brown (3).
- **Odor:** Observations may include sulfur, fossil fuel, sewer, perfume... Record the odor smell followed by the 0-3 severity scale. Ex: Rotten Eggs (2).
- **Visual:** Observations may include sheen, floaters, foam etc... Record the visual followed by 0-3 severity scale document. Ex: Sheen (1).
- **Any condition rated >0:** photograph and describe in Notes.

Back at the Lab

- Complete data sheet. Include completion time.
- Snap photo of worksheet with smartphone and send to surveydatasheets@googlegroups.com
- Rinse out sample cup and vial of any sediment or debris.
- Wipe down YSI instrument with Clorox wipes.
- Remove grey vinyl probe cover and place probe in pink storage solution.

For additional resources and instructional materials visit: <https://friendsofsalishsea.org/>