## Stormwater Monitoring Prioritization Tool

| Big Questions | Associated Assessment Questions | Sub-Topics | Comments | Prioritization Criteria for Stormwater Work Group discussions | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | State of Knowledge | Established Priority | Geographic Distribution | Importance | Justification |
| Note: for these questions stormwater = developed and developing lands; does not include commercial agricultural and forested lands | line numbers in Appendix 1 of the revised work plan | Specific focus to be prioritized in next step | clarifications and questions about roll-up questions in column A | unknown/some knowledge/known based on quantitative science | Action Agenda/Salmon or Orca Plan/Clean Water Act/WQ standards | Sound-wide/Action Area/WRIA/local | qualitative/emergent policy/what people want (H/M/L) | notes of discussion items to include in white paper |
| **What is the current condition and how is it changing?** | | | | | | | | |
| Where does stormwater most impact receiving waters, sediments, resources, species, or beneficial uses in the Puget Sound basin? | lines 26 through 41 | which media or beneficial uses | at what scale? Action Area or WRIA | | | | | |
| How does stormwater impact receiving waters, sediments, resources, species, or beneficial uses in the Puget Sound basin? | lines 6 through 25 | which pollutants or stressors | effects of pollutants vs. processes that manifest those effects | | | | | |
| Are the impacts of stormwater on receiving waters, sediments, resources, species, or beneficial uses in the Puget Sound basin increasing or decreasing? | see two above "big" questions | which questions are just status and which include trends | presume both status & trends unless specifically identify as just status | | | | | |
| **Where do stormwater pollutants come from and in what quantities?** | | | | | | | | |
| What proportions of the pollutants in stormwater are via: air deposition, specific land uses, groundwater, spills, permitted point sources? | lines 51 through 71 | which sources & variability | | | | | | |
| What are the pollutant loads from stormwater (seasonal and annual concentrations and flows) to Puget Sound? | lines 49 through 77 | which pollutants, from what sources, & where | at what scale? Action Area or WRIA | | | | | |
| **Are our actions making a difference?** | | | | | | | | |
| How effective are current specific stormwater management practices in preventing and reducing stormwater impacts? | lines 81 through 111 | which pollutants & actions | BMP/site scale | | | | | |
| How effective are current stormwater management programs in preventing and reducing stormwater impacts? | lines 80-81, 100 through 111, & 133 through 137 | which programs or program elements | local scale | | | | | |
| How effective are watershed-scale combinations of land use planning and stormwater management actions? | lines 92 through 111 & 120 through 142 | which planning tools & actions | watershed scale | | | | | |

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| | | | | | | | | |
| To what extent can we reverse past stormwater impacts? | lines 118 through 142 | which actions & desired benefits | retrofits, restoration, and low impact development | | | | | |
| | | | | | | | | |
| Are there untintended effects of BMPs? | lines 112 through 117 | which potential consequence | BMP/site scale | | | | | |
| | | | | | | | | |
| | | | | unknown = 3; some knowledge = 2; quantitative knowledge = 1 | 3 each for: Action Agenda, Salmon Recovery Plan, Orca Recovery Plan, Clean Water Act, others | Sound-wide = 4; Action Area = 3; WRIA = 2; local = 1 | High = 3; Medium = 2; Low = 1 | |
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