

RSMP Effectiveness Studies Workshop 1

Report-out for Topic Table _____ Retrofit - Redmond) _____

Proposal title:

- Basin Planning Effectiveness assessed through Long-Term Paired-Basin Analysis in Redmond.

Management action to test: Effectiveness of basin-scale stormwater BMP and LID retrofits according to Redmond's Citywide Watershed Management Plan.

Effectiveness will be measured for (a) implementation, or (b) stress reduction, or (c) improving habitat

Summary of feedback given during the Topic Table discussions

(pertains to all Retrofit topics)

** some permittees felt retrofits aren't useful to permit modifications and have limited utility for spending \$. They want to know these efforts can somehow inform future permits. This point was debated among permittees at the retrofit table.*

** none of the retrofit projects can combine, and due to timing it doesn't appear that they'd benefit directly from each other's results. There is no standard for how to retrofit. Would be good to fund a couple retrofits so that we can learn faster on what's working and what isn't.*

Why are permittees interested in getting this info? How are they going to use it?

- Permittees are interested in the basin scale effectiveness of the combination of LID and traditional BMPs on both stormwater and receiving waters.
- This project is well designed with both reference and control basins for comparison. This will assure that the required density of stormwater BMPs and LID measures necessary for incremental improvements in water and sediment quality, biological health, and habitat will be known.
 - Paired design helps with rigor for what changes in measured water quality are actually attributable to the land use actions in the retrofitted watersheds.
- Will help define and assign criteria for other permittees to determine priority watersheds.
- Will help define success for 1970's era mulit-landuse retrofits

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What are the barriers or obstacles to getting the information, or concerns about its use? Is there anything missing?

- Information gained will be specific to these basins. An effort should be made to communicate results to all permittees, not just City of Redmond. Permittees want help knowing what's working and where. Or what was attempted and isn't working.
- Not all jurisdictions have gone thru the work of prioritizing watersheds for restoration. Redmond/King County efforts can help inform.

How will you make this proposal regionally relevant and/or informative?

- This study design will collect flow, biota, and WQ. Mitigation all over city tied to the watershed health model for how to jumpstart mitigation.
- Permittees want to see clearly how they'll learn from retrofit efforts. This is such a large project.

Who's participating in expanding this proposal for Workshop 2 on May 6? Who's lead? Who's missing?

- Redmond, Kitsap Co, King Co, Herrera, USGS, NOAA
- Missing=?