

Stormwater Retrofit Project Management Team Meeting

LOCATION: King Street Center, Room 3E, 3rd Floor

AGENDA –June 5, 2013

9:00-12:00 pm

No coffee provided, please bring your own!

9:00-9:10

1. Intro and General Update (Jim Simmonds)

- a. Introductions - All
- b. Recent Project Updates and Presentations

9:10-10:45

2. De-brief 4/25 Workshop Input (All)

- a. Thanks to all for participating
- b. Review the overall notes
- c. Review the themes from the table discussions
- d. Are there any other key pieces of feedback folks heard
- e. Follow up with stakeholders based on table discussion summary

10:45-11:00 BREAK

11:00-11:15

4. Discuss Reports

- a. Update on Targets/Ranges/Cost Assumptions Reports (Dr Rich Horner)
- b. Update on Results of Sustain on Newaukum Report (Curtis DeGaspari)
- c. Update on HSPF Report (Jeff Burkey)

11:15-11:55

5. Present and Discuss the Model for Scaling Up

- a. SUSTAIN modeling - model hypothetical 100 acre catchments, one of each combination of 4 generic land use categories, 2 slopes, 3 soil types, 2 land costs, 3 precipitation levels. Then combine the results based on the percentage that each actual catchment has of each hypothetical combination in it.
- b. Conduct an assessment of land use change between now and 2040. Estimate the % of each catchment that is redeveloped, so we can reduce each catchment's retrofit needs by that percent.
- c. Conduct an assessment of climate change on runoff variability to calculate the range of % increase and decrease predicted under different climate change models/scenarios. Apply those percentages to the retrofit needs as climate change uncertainties.
- d. Analyze HSPF model output at the mouth of each stream basin to determine the volume of surface runoff delivered. Estimate volume of storage needed to reduce high pulse count in each basin. Compare to SUSTAIN estimate to scale appropriately for each basin to account for existing stormwater infrastructure in each basin.

11:55 – 12:00

6. Upcoming Meeting Schedule

- a. PMT Mtg (propose Wednesday, September 4)
- b. 4th Workshop (propose Thursday, October 31)