

RSMP Effectiveness Studies Workshop 1

Report-out for Topic Table _____ Amendments _____

Proposal title: _Plant/Soil mix – combo study_____

Management action to test: ___bioeffectiveness of plants and soil mix amendments_____

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

Show of permittee's hand votes by group(studies combined): 4/6/3/2 --15 Total

Summary of feedback given during the Topic Table discussions

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

Studies would inform: plant palettes; operations and maintenance; soil amendment mixes; design manuals; and public education programs.

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

- Research – not applied and out in the field
- Natural hydrology (variable flow rates) is difficult to mimic
- Quality of the stormwater used in the analysis can be compromised by the way it is captured, transported, storage time etc. – concern that the runoff used may not be representative of real world runoff
- Age of the system can affect results – pollutant loads at different stages in age
- Concern over the timing of these studies in relation to current studies not yet releases the results – are these studies necessary based on we are just learning?
- Add toxicity/toxic reductions to the study questions and a comparison of the effectiveness of treatment ponds
- Study results need to translate to how permittees should be spending their money
- Need to be able to correlate study results to field conditions

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

- Proposals can be combined
- Results can be used across regions
- Answering the bioeffectiveness of plants is important
- Opportunities to include PCB cycling

March 20, 2014