

## RSMP Streams Analysis QAPP Addendum Committee Recommendations

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There is no need to contract out to get the QAPP addendum written. The final product is expected to be 12-15 pages. Brandi and Karen will compile the contributions of the technical folks and work through the approval process. It should take a minimal amount of time to describe the analyses needed to answer the questions. The committee will review the QAPP addendum and help write the scope of work for the contract(s) to do the analyses and report writing and estimate how many hours should be budgeted to complete the work. A multi-agency report is envisioned.

Organize the seven assessment questions as follows:

1. Combine the three questions about what percent of streams support designated uses. We will use the same ancillary data sets, have same post-stratifications, and result should be one integrated product that tells the over-arching story. In addition to approaches already identified, the report should:
  - a. Use boxplots to show the range of values, not just pass/fail when compared to WQS. Identify reasonable response variables up front so don't try to do everything.
  - b. Take a look at the streamflow data we're gathering.
  - c. Where various designated beneficial uses have multiple WQS, tell the broader story.
  - d. Focus on the findings most useful to stormwater managers:
    - i. Present the overall findings for the most interesting parameters, then stories about beneficial uses (plus compelling parameters) and what we're not meeting and what we know or can say about why.
    - ii. De-prioritize report sections about predictable or undetected problems. Can say what watersheds are doing well and provide explanation if evident in findings.
2. Either as an additional chapter of this first report or as a separate report, address the question about how status, effectiveness, and source control support each other.
  - a. Do relative risk or CADDIS analysis for stressor identification as a more holistic and helpful to answer stormwater managers' questions and a better framework than correlation or just percent meeting WQS.
  - b. Overlay source control issues/incidents in a GIS database to see if these incidents explain what the status assessment found
3. For the final RSMP streams report/product, combine the assessment questions about comparisons to other programs and what data are most important for trends. The most important reason for answering these assessment questions is to provide good recommendations for the next round of RSMP sampling. Learn from Lower Columbia effort.
  - a. Recommendations needed for flow, parameters, and overall LOE.

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\* Jim Simmonds provided input for the committee discussion but was unable to participate.