



MEMORANDUM

To: CCBWQA Technical Advisory Committee (TAC)
From: Richard Borchardt, Pollution Abatement Project Manager
Date: January 4, 2022
Subject: Best Management Practice/Control Measure Effectiveness Study

Request: The TAC provide direction on BMP Effectiveness Study and whether a new or existing subcommittee is needed.

Background: In review of the Section 72.7 Update for the Water Quality Control Commission, CCBWQA noticed that the Treatment BMPs/CMs continue to advance over the last decade. There is an opportunity to improve water quality through figuring out what the effectiveness of Treatment BMPs/CMs and how to best apply them in the Denver-Metro region and specifically the Cherry Creek watershed upstream of Reservoir, which is CCBWQA's interest.

Goals: Some draft goals of the BMP Effectiveness Study are included below.

1. Determine what are the best Treatment BMPs/CMs for CCBWQA and Control Regulation 72.
2. Inform any revisions needed to Control Regulation 72 at the upcoming 2023 Rule Making Hearing.
3. Create scalable (various watershed sizes) Treatment BMPs/CMs for CCBWQA.
4. Promote sustainable practices that improve water quality in CCBWQA.

Connections: The BMP Effectiveness Study ties in with CCBWQA's Vision, Mission, Goals, and Objectives. CCBWQA budget included \$75k in 2022 for BMP Effectiveness work and SEMSWA and CDOT indicated that they may have an interest in partnering too. This work could provide valuable insight into the 2023 Control Regulation 72 Rule Making Hearing by the Water Quality Control Commission.

It is a first step that will inform other CCBWQA study work budgeted in 2022 on

1. updating the PRF/PAP Water Quality Benefits Update (Stream Reclamation, Shoreline, and Water Quality Pond) budgeted for \$56k in 2022, and
2. investigating Emerging Stormwater Control Measures for Control Regulation 72 budgeted for \$56k in 2022.

Discussion: How should this study move forward?
Would an existing or new sub-committee be appropriate to help form and shape this work (BMP effectiveness study, PRF/PAP Water Quality Benefits Update, and Emerging Stormwater Control Measures)?
What are your thoughts on WWE's Draft Scope of Work and fee for the BMP Effectiveness (see attached)?