

**Jon Hutchings
Director**



MEMORANDUM

TO: The Honorable Satpal Singh Sidhu, County Executive
The Honorable Members of the Whatcom County Council

THROUGH: Jon Hutchings, Public Works Director *JH*

FROM: Kraig Olason, Stormwater Program Manager *KO*
Cathy Craver, Senior Planner

DATE: January 26, 2021

RE: Contract for Services with Brown & Caldwell for Phase 2 of the Lake
Whatcom Total Maximum Daily Load (TMDL) Reassessment

REQUESTED ACTION

Please find attached for your review and approval two (2) originals of a contract for services between Brown & Caldwell and Whatcom County for Phase 2 of the Lake Whatcom TMDL Reassessment.

BACKGROUND AND PURPOSE

Whatcom County is required through Appendix 2 of the Western Washington Phase II Municipal Stormwater Permit to update phosphorus loading capacity targets for the Lake Whatcom TMDL by March 31, 2024. Phase 1 of a reassessment of the loading capacity targets entailed data compilation for recalibrating the CE-QUAL-W2 model (that simulates Lake Whatcom's response to the loading of phosphorus). This was initiated in February 2020 and provided a final Quality Assurance Project Plan (QAPP) laying out the steps and methodology for updating the model.

The Phase 2 proposal will take the data from Phase 1 and begin recalibration, water quality scenario modeling, and interpretation of the results produced from the CE-QUAL W2 model.

Brown and Caldwell was chosen through a competitive selection process (RFQ 19-01).

FUNDING AMOUNT AND SOURCE

This contract in the amount of \$303,935 will be funded through the 2021 Stormwater budget (123212).

Please contact Cathy Craver at extension 6299, if you have any questions or concerns regarding the terms of this agreement.

Encl.