



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

1445 N. Orchard Street, Boise ID 83706
(208) 373-0550

Brad Little, Governor
Jess Byrne, Director

May 27, 2021

By email: DSH@allianceconsulting.us

c/o Deloss Hammon, PE
GWC Capital
869 N. 1500 W.
Orem UT 84057

Subject: Spring Valley Wastewater Treatment Plant (Ada County) – Facility Plan
Amendment and Preliminary Engineering Report – DEQ Approval

Dear Mr. Hammon:

The Idaho Department of Environmental Quality (DEQ) has completed its review of the Facility Plan Amendment submitted on March 9, 2021 (FP Amendment), and the Preliminary Engineering Report (PER) for the Spring Valley Wastewater Treatment Plant (SVTP) submitted to DEQ on April 8, 2021, both submitted by Keller Associates. The Amended Facility Plan and PER appear to meet State of Idaho standards and are approved based on the conditions listed below.

I. PROJECT SPECIFIC CONDITIONS:

- A. This approval is for the FP Amendment and PER only. No construction can begin until the detailed plans and specifications for the SVTP have been reviewed and approved by DEQ.
- B. “Wastewater Rules” (IDAPA 58.01.16.450.01.b) states: *“The treatment plant structures, electrical, and mechanical equipment shall be protected from physical damage by the one hundred (100) year flood. Treatment plants shall be designed to remain fully operational and accessible during the one hundred (100) year flood. This requirement applies to new construction and to existing facilities undergoing major modification.”* Detailed plans must indicate whether any treatment plant structures, electrical, or mechanical equipment are within the 100 year floodplain of the final location of Big Gulch and, if so, how the requirements of IDAPA 58.01.16.450.01.b will be met.
- C. IDAPA 58.01.16.493.05.b and c state: *“A minimum separation of two (2) feet between the bottom of the pond and the maximum ground water elevation shall be maintained” and “A minimum separation of two (2) feet between the pond bottom and any bedrock formation shall be maintained.”* Before detailed plans are submitted to DEQ, Geotechnical evaluations must be performed that show whether the requirements of IDAPA 58.01.16.493.05.b and c. are met.

Deloss Hammon
GWC Capital
May 27, 2021
Page 2 of 2

Please call me with any questions at (208) 373-0282, or via e-mail at adam.bussan@deq.idaho.gov.

Sincerely,



Adam Bussan, PE
Senior Water Quality Engineer

AB:dr
2021AGD3016

Attachment(s): Stamped as Approved Amended Facility Plan and PER Cover Page

c: Justin Walker, PE, Keller Associates (w/ enclosure)
 Holly Johnson, PE, Keller Associates (w/ enclosure)
 Valerie Greear, PE, DEQ Boise Regional Office