

MEMORANDUM

DATE: July 8, 2014

TO: Water Right File 65-23111

FROM: Shelley W. Keen *SWK*

RE: Disposal of discharge from the heating/cooling system

Today I spoke on the phone with consultant Roy Mink (208-845-2751) about the disposal of discharge water from the heating/cooling system developed pursuant to Permit 65-23111. Mr. Mink explained that the two injection wells constructed to accept the discharge water are somehow connected via fractures to the shallow ground water and that they caused localized flooding when receiving water. As an alternative, the permit holder would like to discharge water into a storm water infiltration basin owned by the City of Cascade.

Preliminarily, I explained that the new plan is likely consistent with the water right permit. Condition no. 6 does not mandate disposal by injection well. It just indicates that if an injection well is used, it must be authorized by a separate permit. Condition no. 4 requires the water use to be non-consumptive. As long as the infiltration basin is capable of accepting water without extensive ponding during the hot months, the new method of disposal should not result in noticeable consumption.

I asked Mr. Mink to explain the proposal in more detail in writing so that IDWR could evaluate the proposal a little more carefully and provide a written answer.