
MEMORANDUM

TO: TIM LUKE AND BRIAN PATTON
FROM: TROY WINWARD
SUBJECT: HAGERMAN FEDERAL FISH HATCHERY VISIT
DATE: 2/15/2005

Non-Diverted Spring

In visit to the Hagerman Federal Fish Hatchery (Feb. 3, 2005), an un-diverted spring was observed 600-800 ft south of Bickel Lake. A rough estimate of the flow was probably 1 to 2 cfs. There is a wastewater drain from the Northside canal lateral that flows into the same ravine as the spring. There was no flow from that drain at the time of visit. However, that lateral has some flow during the irrigation season. The flow from the spring could only be utilized if the spring water and wastewater could be completely separated. If this was accomplished the flow could possibly diverted north to the federal fish hatchery or south to SeaPac. In Fig. 1, the location of the spring can be observed along with the wastewater drain entering the ravine. There is an archeological site located north of the spring (communication with Brian Kenworthy). This would be an obstacle in putting a pipeline through that area. In addition, the possibility of contamination of spring as a result of the wastewater makes it an unappealing project for either hatchery.

Pipeline of #17 to Main Spring Confluence

We also observed Spring 17 and were told of a proposal to pipe that water south around the mountain to Big Spring. This would allow them to use this water in the steelhead raceways. The typical flow from this spring is 3.5 cfs (communication with Brian Kenworthy) and the actual water right is 4.59 cfs. I believe Brian Patton has had discussion with Brian Kenworthy and is familiar with the details of this proposed project.

Hagerman Federal Hatchery



- Spring #17
- Un-Diverted Spring
- WR-Pod

