

MEMORANDUM

TO: Water Right File – 57-7571
FROM: Patrick Kelly; Sr. Water Resource Agent
DATE: February 25, 2016
SUBJECT: Review of Water Right File for Licensing

The water right permit was approved on September 8, 1993 for stockwater and stockwater storage use for a combined 400 af. A field exam done by Steve Lester was completed on June 14, 1995. The permit was approved to allow Succor Creek District Improvement Company to release 400 af of dead pool water from the reservoir and be used for stockwater purposes in stream.

I have reviewed the information from Mr. Lester's file, and will be completing the licensing process. My review of the documentation supplied with the field exam is as follows:

Point of Diversion: The permit identifies both the NENE and NWNE $\frac{1}{4}$ $\frac{1}{4}$ of Sec 7. Texas Basin Dam stretches across this QQ boundary. POD overlaps with irrigation storage right 57-7153. While there are two POD descriptions, there will be only one point layer to describe the diversion on our map database. No amendment required.

Place of Use: Place of use identifies Succor Creek from the Texas Basin Dam, into Oregon, and back in to Owyhee County where it flows tributary to the Snake River near Homedale, ID. An amendment is required to identify the complete legal description Succor Creek passes through Idaho and Oregon.

Diversion Rate and Volume: There is no diversion rate associated with right 57-7571. Conditions of the permit identify water is for 2,500 range cattle and horses. Admin memo #3 suggests a volume of 12 gallons per head per day. This calculates to 33.6 af/yr for 2,500 stock. This right does not add volume to the existing storage right 57-7153.

Discussion: A letter from Steve Lester dated 3/7/1996 discusses how beneficial use should be determined. Proof of beneficial use was submitted 6 months after the permit was issued. No dead pool water was released during that period. However, it was determined by Mr. Lester that it was acceptable to license based on the fact that the water was available to release for stockwater purposes, similar to supplemental uses.

Notes from Mr. Lester suggested a Stockwater Storage use for the capacity of the permit in the reservoir (400 af) and a Stockwater from Storage volume of the beneficial use limit (33.6 af).

POU for 57-7153 was changed to reflect storage water on Succor Creek Reservoir. POU shape for Irrigation Storage prior to my analysis matched the Irrigation from Storage use. A POU for Irrigation Storage was not described by legal description on the water right, but it should be implied given the on stream POD is Texas Basin Dam, of Owyhee Co. It is important that this storage be identified, as it serves as the acting storage right for the reservoir, and is also being used in a combined volume limit.

Conditions requiring the installation of measuring devices were outlined in an analysis completed by Brockway Engineering in February of 2002. This measurement plan was pre-approved by Glen Saxton of IDWR in a letter dated 4/11/2001.

Recommended Amounts:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Stockwater from Storage	01/01 – 12/31	-	33.6 af
Stockwater Storage	01/01 – 12/31	-	400.0 af
	<u>Totals</u>	-	400.0 af

Recommended Amendments:

☐ Change P.D. ☐ Add P.D. ☐ None

☒ Change P.U. ☐ Add P.U. ☐ Other