



MEMORANDUM

Date: September 11, 2014
To: Water Right File 36-4179
From: Michele Edl
Re: WSB lease volume

Vic Conrad (JR Simplot Company, CHQ) responded to my request for information to support the lease volume of 1723.11 AF for this right. In a phone conversation with Mr. Conrad this morning, I learned the logic that JR Simplot Company used to arrive at that volume.

The following is an outline of the logic.

When JR Simplot Company donated the place-of-use property to the City of Burley, the City requested a volumetric flowrate of 2 MGD (2,000,000 gpd). 2MGD is equivalent to 2240.3 AFY.

7 ground water rights with points of diversion located in Minidoka County were conveyed to the City as part of the bargain. Those rights are 36-2648A, 36-2648B, 36-2729, 36-4180, 36-4181, 36-4182 and 36-8154.

One of those 7 rights, 36-2648B was decreed in the SRBA for 0.7 cfs and 332.6 AFY independently of the other rights. The volume associated with 36-2648B only partially satisfied the City's requirement. $2240.3 \text{ AFY} - 332.6 \text{ AFY} = 1907.7 \text{ AFY}$ still needed.

4 of the rights (36-2648A, 36-2729, 36-4180, and 36-8154) shared a common system with this right (36-4179). The 5 rights were used for potato processing and at various times over the years the rights have been fully consumptive (i.e. land application of the wastewater). The 5 rights were decreed in the SRBA with combined limits of 3630.8 AFY and 7.70 cfs.

A portion of the combined volume was used to satisfy the remaining 1907.7 AFY required by the City of Burley. $3630.8 - 1907.7 = 1723.1 \text{ AFY}$ which is the volume submitted for a lease to the WSB.

I will give Mr. Conrad the opportunity to review this memo for correctness before adding it to the water right file.

This right can be routed using the following elements:

4.27 cfs	1723.1 af	430.8 acres
	(4afa/ac)	

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