

10-1-07

24-2005 A.

Volume Limit by CBird

1) if:  $2.5 \text{ ac-ft/yr/ac.}$  is used. : Compumptive Irrig. Requirements

than: 88 acres of Irrigation:

$$2.5 \text{ ac-ft/yr/ac.} * 88 \text{ ac} = 220 \text{ ac-ft/yr.}$$

Converting to a year round diversion: factor for conv. 0.504.

$$220 \frac{\text{ac-ft}}{\text{yr.}} * \frac{1 \text{ yr}}{365 \text{ day}} = 0.60 \frac{\text{ac-ft}}{\text{day}} * 0.504 = \underline{\underline{0.30 \text{ cfs.}}}$$

2). if: Field headgate requirement is used;  $3.5 \text{ ac-ft/yr/ac.}$

Than: 88 ac. would be

$$3.5 \frac{\text{ac-ft}}{\text{yr. ac.}} * 88 \text{ ac} = 308 \frac{\text{ac-ft}}{\text{yr}}$$

$$308 \frac{\text{ac-ft}}{\text{yr}} * \frac{1 \text{ yr}}{365 \text{ days}} = .84 \frac{\text{ac-ft}}{\text{day}} * 0.504 = \underline{\underline{0.43 \text{ cfs.}}}$$

NOTE: In Simplot's amended Notice of claim I think they used this number and NOT the Compumptive Irrigation Requirement.

Per Dave Carlson: They would use for a w/r.

Weather station : Soda

Crop: grass.

would yield  $1.77 \text{ ac-ft/yr/ac.}$

$$\text{Then: } 1.77 \text{ ac-ft/yr/ac} * 88 \text{ ac} = 156 \text{ ac-ft/yr.}$$

$$156 \frac{\text{ac-ft}}{\text{yr}} * \frac{1 \text{ yr}}{365 \text{ days}} * 0.504 = \underline{\underline{0.22 \text{ cfs.}}}$$

10/2/07.

phone conversation with Carter Fritschle.

He would use the 2.5 ac-ft/yr/ac. from the map. But would look at adding a condition to it to change the priority date because of uses in the off irrigation season that would normally be using this water.

ie: if this drains to Palisades Reservoir, then they would be expecting this water for storage.

This flows into Wy so I sent Jade Henderson, Wy State Engineer an email to find out where this drains. Great Salt Lake or Palisades?

10/2/07. I left a message for Nick Spencer to discuss this with him before discussing it with Lee Conrad.

10/2/07 Joanie Barg, I.F. IDWR

The amended claim has been data entered.

**Bird, Cindy**

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**From:** Jade Henderson, Supt IV [jhende@allwest.net]  
**Sent:** Tuesday, October 02, 2007 11:25 AM  
**To:** Bird, Cindy  
**Subject:** Re: Stump Creek

Sure, Cindy. Stump Creek is directly tributary to Salt River, which is a tributary to Snake River at Palisades Reservoir. JADE

----- Original Message -----

**From:** [Bird, Cindy](#)  
**To:** [Jade Henderson \(E-mail\)](#)  
**Sent:** Tuesday, October 02, 2007 11:02 AM  
**Subject:** Stump Creek

good morning Jade,

I was looking at one of my claims in basin 24 on Tygee Creek. Which looks like it is tributary to Stump Creek. And Stump Creek goes into Wy but I can't tell what Stump Creek is tributary too in Wy. Can you help me out?

thanks,  
Cindy

10/2/2007

## Bird, Cindy

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**From:** Swank, Lyle  
**Sent:** Tuesday, October 02, 2007 1:21 PM  
**To:** Bird, Cindy  
**Subject:** RE: Palisades Reservoir

Hi Cindy,

The main water right is 7/28/1939. However, when it was built, storage contracts recognized American Falls Reservoir built downstream had earlier water rights. In order to create an incentive for canals shutting out for up to 150 days in the winter, a winter water right savings provision allowed some storage to be stored ahead of American Falls Reservoir. The winter water savings water right is recognized as a 3/29/1921 water right.

Lyle

-----Original Message-----

**From:** Bird, Cindy  
**Sent:** Tuesday, October 02, 2007 12:27 PM  
**To:** Swank, Lyle  
**Subject:** Palisades Reservoir

hi Lyle,  
What is the priority date on Palisades Reservoir storage?

thanks,  
Cindy

**Bird, Cindy**

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**From:** Fritschle, Carter

**Sent:** Tuesday, October 02, 2007 9:32 AM

**To:** Bird, Cindy

**Subject:** Simplot Condition

*Dec 21  
1983.*

The priority date of this right is \_\_\_\_\_ from November 1 to April 14.

10/2/2007