

Kaiser, Anna

From: Kristin Moore <kristin.rmea@gmail.com>
Sent: Thursday, February 24, 2022 3:26 PM
To: Kaiser, Anna
Subject: RE: Transfers 85687 and 85688 - Miller, Ronald and Marybeth

Anna,

Yes there are two transfers proposing water rights for the ponds. I realize they are duplicate purposes. The client really wants to protect the right to maintain the ponds and the surface water rights may not always be deliverable due to priority dates. So the ground water right will allow maintenance of the ponds when the surface water cannot.

Here's the estimated volumes of the ponds:

	Pond 1	Pond 2	Pond 3	Pond 4	Total
Surface Area (ac)	0.7	1.6	0.3	0.5	3.1
Max Depth (ft)	12	17	12	12	
Estimated Volume	3.36	10.88	1.44	2.40	18.08

The ponds have been full for almost 30 years now, having been built in about 1994 or 1995. The current owner did not realize there were no water rights for the ponds and is trying to correct that. I'm not sure how you mitigate for pond fill that occurred 28 years ago. Likely, they were filled from the creek that flows through and adjacent to them.

By my calculations, they would require about 10.2 acres (See attachment 8a of the transfer for ET values) of the surface right to mitigate for the pond fill. Looking at aerial photography from Google Earth, in the 1992 photo, it appears they were irrigating the entire property. After they put in the ponds, many areas were taken out of irrigation, as shown in the 1999 photo. You can see the evidence of the pond excavation in the 1999 photo and the areas I outlined in red appear to not have been irrigated since the construction of the ponds. The area within the 3.8 acre polygon north of the white disturbed area doesn't appear disturbed, but it also doesn't appear to be within the irrigated field north of it. I assumed it probably wasn't irrigated at the time of this photo. My thoughts are that they already mitigated the pond fill through non-irrigation of acres under their surface water right.



Sorry, I don't have the 1999 photos for GIS, so I couldn't easily make you a map or shapefiles. If you want, I can export these drawings for you to look at in your GIS.

What do you think?

Kristin Moore

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From: Kaiser, Anna [mailto:Anna.Kaiser@idwr.idaho.gov]
Sent: Wednesday, February 23, 2022 2:06 PM
To: Kristin Moore <kristin.rmea@gmail.com>
Subject: Transfers 85687 and 85688 - Miller, Ronald and Marybeth

Good afternoon,

I am reviewing transfer 85687 (proposing changes to right 35-7720) and transfer 85688 (proposing changes to right 23-88B). Each transfer proposes using a portion of the involved right for pond maintenance. Both transfers describe 3.8 AF to mitigate consumptive uses from the four ponds. I have two questions regarding the proposed mitigation:

1. What is the average depth or total volume of the ponds?
2. How will the initial fill of the ponds be achieved?

Thank you,
Anna

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