

From: [Baxter, Garrick](#)
To: [Candice M. McHugh](#)
Cc: [T. J. Budge](#); [Becky J. Harvey](#); [Bromley, Chris](#); [rbrody@cableone.net](#); [robynbrody@hotmail.com](#); [fxh@haemlaw.com](#); [jmay@maybrowning.com](#); [sarahk@white-jankowski.com](#); [mitrap@white-jankowski.com](#); [dtranmer@pocatello.us](#); [tarkoosh@capitolawgroup.com](#); [tlt@idahowaters.com](#); [jks@idahowaters.com](#); [pla@idahowaters.com](#); [wkwf@pmt.org](#); [irigby@rex-law.com](#); [herickson@rex-law.com](#); [rwood@rex-law.com](#); [J. Ryland Hutchins](#)
Subject: RE: Data Request - W Canal Returns
Date: Friday, October 26, 2012 10:00:00 AM
Attachments: [121025-date.PDF.PDF](#)

Candice,

IDWR tells me the spreadsheet SpringSites_7_26_2012.xlsx did not reflect the most recent information for the Malad target. IDWR has updated this spreadsheet, the updated spreadsheet is posted as SpringSites_10_26_2012.xlsx at

http://www.idwr.idaho.gov/Browse/WaterInfo/ESPAM/monitoring_data/Springs/. At one time IDWR had included the Justice and Thorpe diversions and the W return in calculation of the Malad target, but found that they were insignificant with respect to the size of the target. Peter Vidmar from Idaho Power later provided recommendations on the Malad target which were adopted by the ESHMC. He presented to the ESHMC at the November 2010 meeting. The resulting target is posted as IPCo_Flow_Data_CLPR_Malads_(4).xlsx at

http://www.idwr.idaho.gov/Browse/WaterInfo/ESPAM/monitoring_data/Springs/Current_Data/Malad/. The revised target assumes that the diversions and W return are negligible and does not include them.

The data for the Justice and Thorpe diversions and the W return are available on the website in the superseded file MaladData.xlsx posted at

http://www.idwr.idaho.gov/Browse/WaterInfo/ESPAM/monitoring_data/Springs/Superseded_Data/ if anyone would like to see these data for reference.

Garrick

From: Candice M. McHugh [mailto:cmm@racinelaw.net]
Sent: Thursday, October 25, 2012 4:27 PM
To: Baxter, Garrick
Cc: T. J. Budge; Becky J. Harvey
Subject: Data Request - W Canal Returns

Garrick,

Attached is a table from the ESPAM2 documentation showing the Class A and B spring targets used in model calibration. The four Class A targets (listed first in the table) are the springs that have USGS gages. The rest of the table lists the Class B targets, which are springs where there are enough flow and diversion measurements to reconstitute a record of total spring discharge.

Each of the Class B targets has to be calculated from component measurements. For example, the target for the Crystal Springs complex is the sum of the measured flows in the Crystal Springs Main diversion canal; at Crystal Spg Nos. 2, 3 and 4; and the flows through the Magic Valley Hatchery.

We need the components used to compute the target flow for the Malad Springs, which is the last one in the table. The table indicates that this target flow is calculated as flow in Malad River nr Bliss plus flow in the Lower Malad Power Canal minus flow in the Malad River nr Gooding plus flow in the Justice

Diversion plus flow in the Thorp Diversion minus W Canal return flow.

Chuck is not able to find these component flow data anywhere in the model input preparation files and therefore, we are asking that the Department provide these data sets. We would like all of the components.

Is this something you could look into getting for us?

Thanks

Candice M. McHugh
RACINE, OLSON, NYE
BUDGE & BAILEY
101 S. Capitol Blvd., Ste. 300
Boise, ID 83702
(208) 395-0011

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