

Erickson, Nathan

From: Blew, David <DBlew@Idahopower.com>
Sent: Wednesday, March 11, 2020 10:30 AM
To: Erickson, Nathan
Subject: Idaho Power Diversions at Camp Roach - WMIS 400125
Attachments: Banbury Springs Water Right Exercise 2018.docx

Nathan,

Sorry it has taken me so long to get this data to you concerning our diversions at CAMP Roach that we discussed a week or so ago. I have attached a short document from Idaho Power personnel who were managing the irrigation of that area in 2018. It appears they used nozzle pressure, nozzle size and set times to develop their calculations of total diversions. We would like to have this diversion data included in the WMIS database if possible. We are considering using this water right (36-7104) as potential mitigation for a small water right we might apply for in the near future.

Let me know if you have any questions or would like additional information concerning diversions at that site.

Thanks for your time on this issue.

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DATE: August 20, 2018

MEMO TO: Kresta Davis-Butts

FROM: Aaron Utz

CC: David Blew

SUBJECT: Exercise of Banbury Spring Water Right

WMIS # 400125

This memo documents use of Idaho Power's water right (36-7104) to irrigate upland vegetation resources at its Banbury Springs property in Gooding County during the summer of 2018.

Aaron Utz implemented a spring gravity flow mainline/handline system to irrigate 5.1 acres of native upland revegetation beginning July 11, 2018. The system used 16 rain-bird style sprinkler heads with 5/32-inch brass nozzles that produced 40 pounds per square inch (PSI). A nozzle discharge pressure gauge was used to measure water pressure discharged at the critical nozzle so calculations presented here should be interpreted as minimums. The lines were moved and operated until July 30, 2018 conveying 1,969,920 gallons of spring water.

Additionally, a smaller set was irrigated from August 14 to August 21, 2018 to provide additional moisture to the upslope end of the 5.1 acre irrigation area. This set used 10 sprinkler heads conveying 518,400 gallons in 8 days.

To summarize, Idaho Power irrigated 5.1 acres of upland revegetation for 29 days during 2018 with 2,488,320 gallons of Banbury Springs water.

