

Eastern Snake Plain Aquifer Water Management Discussion

Presented to the Twin Falls County Farm Bureau

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IDWR Director

October 12, 2023

The Combined ESPA and Snake River Hydrologic System

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ESPA Surface and Ground Water Monitoring



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Annual ESPA Storage Volume Change and "Thousand Springs" Discharge



Snake River: Near Blackfoot - Minidoka Annual Reach Gain Volume (million acre-feet)



Snake River: Milner to King Hill Nov-Feb Reach Gain Volumes (million acre-feet)



1980-2018: ESPA Avg. Annual Water Budget Components



Removed from ESPA Storage Content: 7.8 – 8.1 = -0.3 MAF/Year

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IWRB Recharge

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Snake River Water Available for Recharge vs. Water Recharged







Impact to the Aquifer



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"Thousand Springs" Gains Due to IWRB Recharge



Stakeholder Comments



Summary of Feedback:

- Systems approach to Managed Recharge.
 - Not as focused on High Aquifer Retention.
 - Impacts more Important than Volume.
- Analysis of Impacts due to Recharge to optimize Program activities.
- Impacting the reaches on the Snake River below Blackfoot are a key interest.
- Recharge as much as possible when water available.

Priority of appropriation shall give the better right as between those using the water..."

Article XV, Section 3, of the Idaho Constitution.





"The director of the department of water resources is authorized to adopt rules and regulations for the distribution of water from the streams, rivers, lakes, *ground water* and other natural water sources as shall be necessary to carry out the laws in accordance with the priorities of the rights of the users thereof."

Idaho Code, § 42-603 Supervision of Water Distribution Rules & Regulations







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Moratorium Orders - Status

- IDWR Issues Big Wood GWMA Moratorium Order May 17, 2022
- IDWR Issues Snake River Basin Moratorium Order October 21, 2022
- Consolidated Contested Case Hearing Set for October 2023



Questions