IWRB Managed Recharge Program

Water Supply Meeting

Wesley Hipke
IWRB Recharge Program Manager

April 11, 2019
**Total IWRB Recharge**

291,396 af

237 days

**Upper Valley**

108,452 af

Current: 1,261 cfs

Start Natural Flow: Oct 22

170 days

Storage Water: Aug 16 – Nov 3

Start Natural Flow: Feb 22

127 days

**Lower Valley**

178,163 af

Current: 1,020 cfs

Start Natural Flow: Oct 22

170 days

**Big/Little Wood**

4,781 af

Current: 36 cfs

Start Natural Flow: Nov 19

142 day

**Natural Flow Recharge**

238,127 af

**Storage Recharge**

53,769 af
Total IWRB Managed Recharge Rates During 2018 - 2019 Season

Total Volume of Recharge = **291,896 af** (August 16, 2018 to April 9, 2019)

- Upper Valley
- Lower Valley
- Big Wood
- Big/Little Wood
- above Minidoka Dam
- below Minidoka Dam

Total Natural Flow Available below Minidoka Dam for Recharge - Snake River

Current Flow past Milner Dam 5,300 cfs

Total Lower Valley Snake River Recharge
ESPA Managed Recharge - Daily Recharge

- 2014/2015 Recharge
- 2015/2016 Recharge
- 2016/2017 Recharge
- 2017/2018 Recharge
- 2018/2019 Recharge

Recharged Water (af/day)
Lower Valley Recharge Capacity – 2018/2019

- Devils Headgate: 50 cfs
- Richfield Site: 20 cfs
- Big/Little Wood
- Lower Snake
- SWID Injection Wells

Dependent on Canal Capacity

LEGEND
- Big/Little Wood
- Lower Snake
- Canals

The USDA-FSA Aerial Photography Field office assists...
Upper Valley Recharge Capacity – 2018/2019

IWRB Capacity
190 cfs

Potential Capacity
Off Canal ~450 cfs

Dependent on Canal Capacity

FMID
150 cfs

NSID
30 cfs

SRVID
25 cfs

ASCC
200 cfs

Jensons Grove

FMID
150 cfs

FFIC
15 cfs

LEGEND
Recharge Sites
- IWRB
- Private

Canals
Projected IWRB Recharge - During 2018/2019

Aug 16 to Apr 30

Total Projected IWRB Recharge
330,000 AF

Natural Flow Recharge
275,000 af

Dates of Recharge
IWRB Managed Recharge Projects – 2019/2020

Upper Valley

Potential Capacity
Off Canal ~450 cfs

Large Scale Sites > 200 cfs

Smale Scale Sites > 20 cfs

LEGEND
IWRB Recharge Projects
- Active
- Complete

Canals

0 5 10 Miles

The USDA-FSA Aerial Photography Field office assists.
Questions ??

Mile Post 31 recharge basin on April 8th, 2013.