

Water Plan Update

Seth M Turner, PE

PRRIP Science Plan Reporting Session

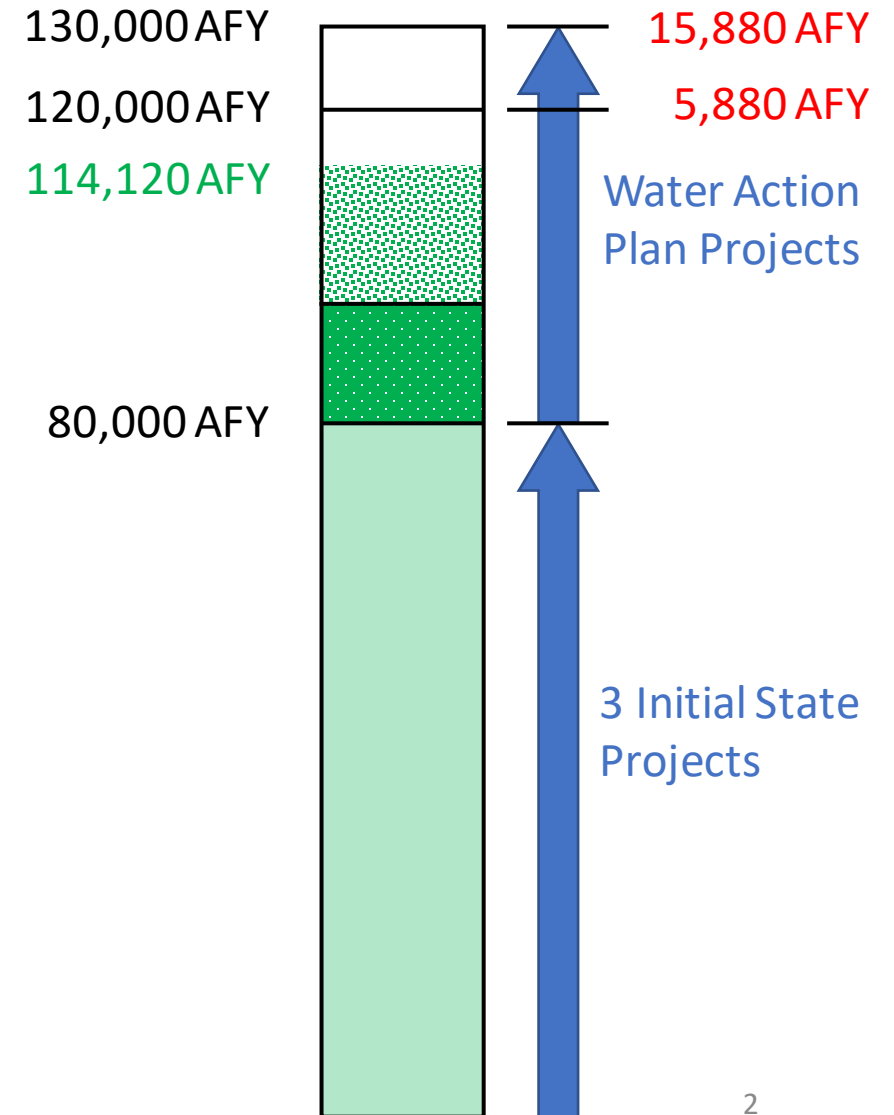
February 15, 2022

Status of Program Water Projects

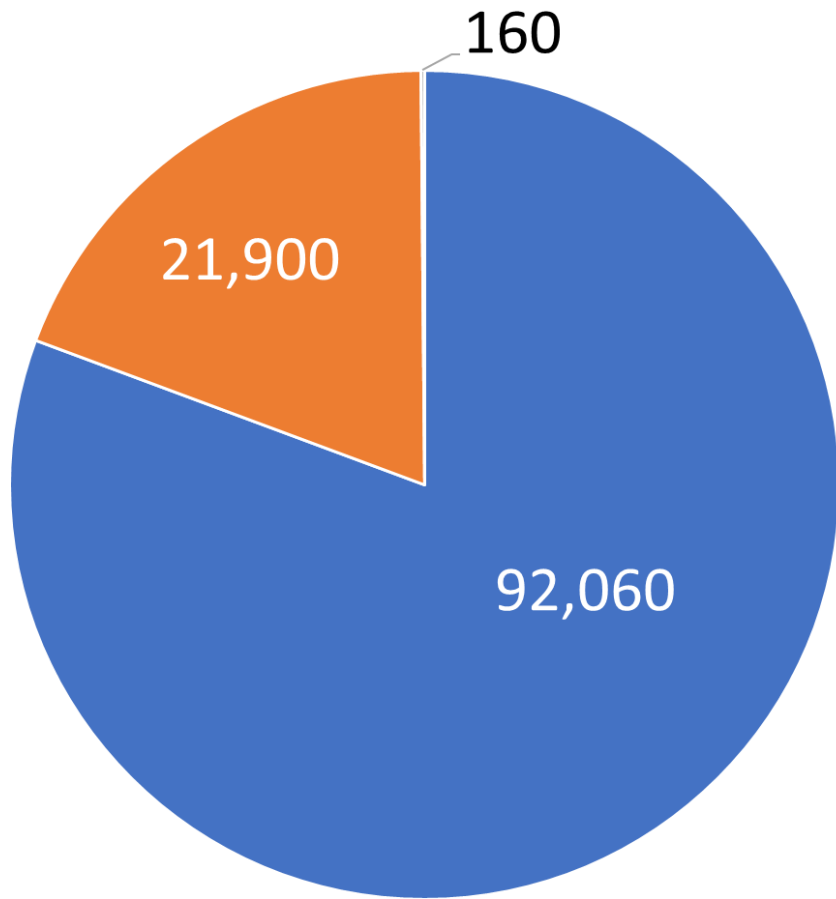
Project	Score [AFY]
3 Initial State Projects	80,000
6 Active WAP Projects (Accepted)	14,170
5 Active WAP Projects (Estimated)	19,950
TOTAL =	114,120

Future projects to meet remaining deficit

- Recapture wells
- Storage and/or other surface water leases



Controllable vs Uncontrollable



Storage -
Controllable

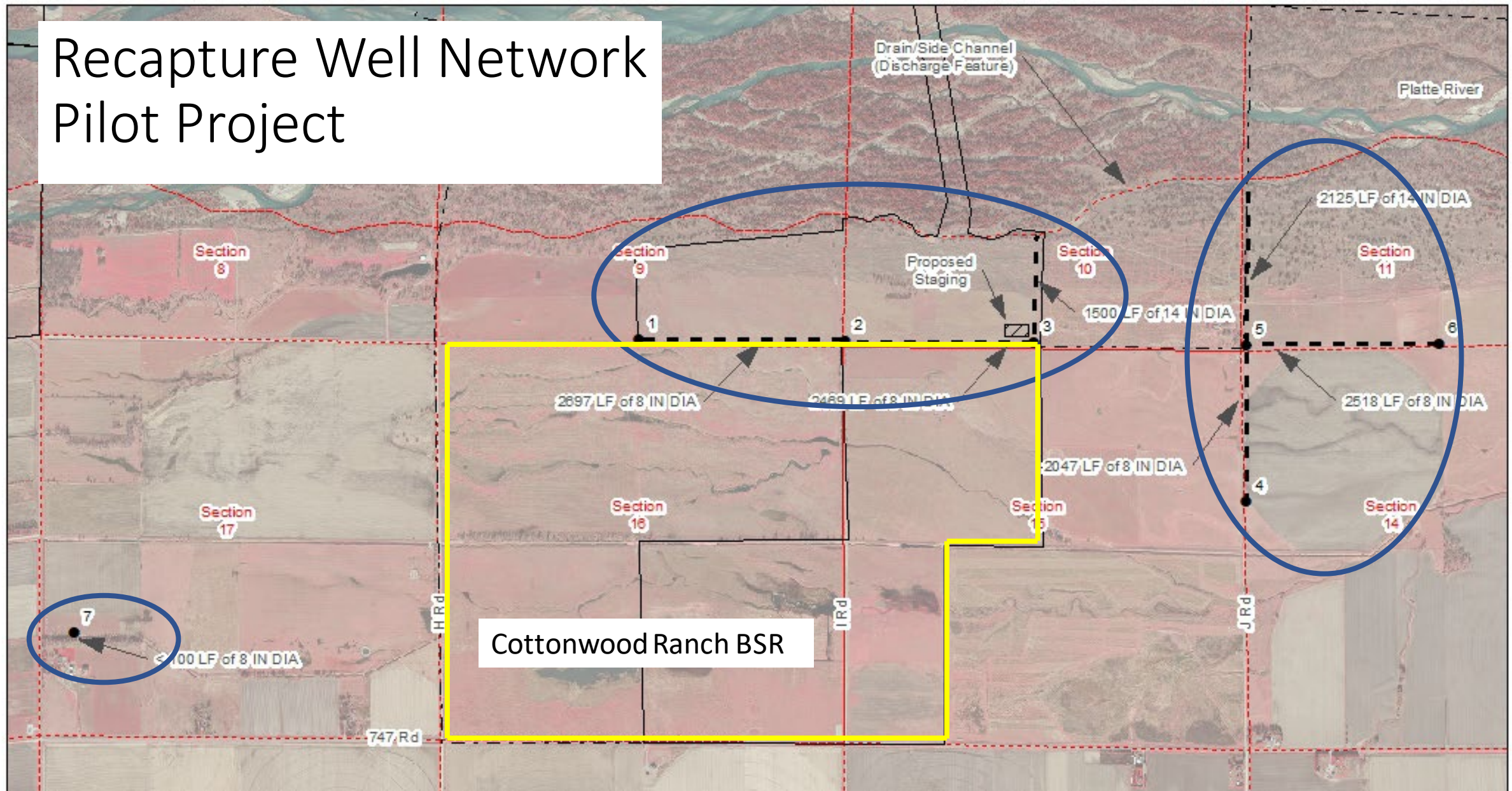


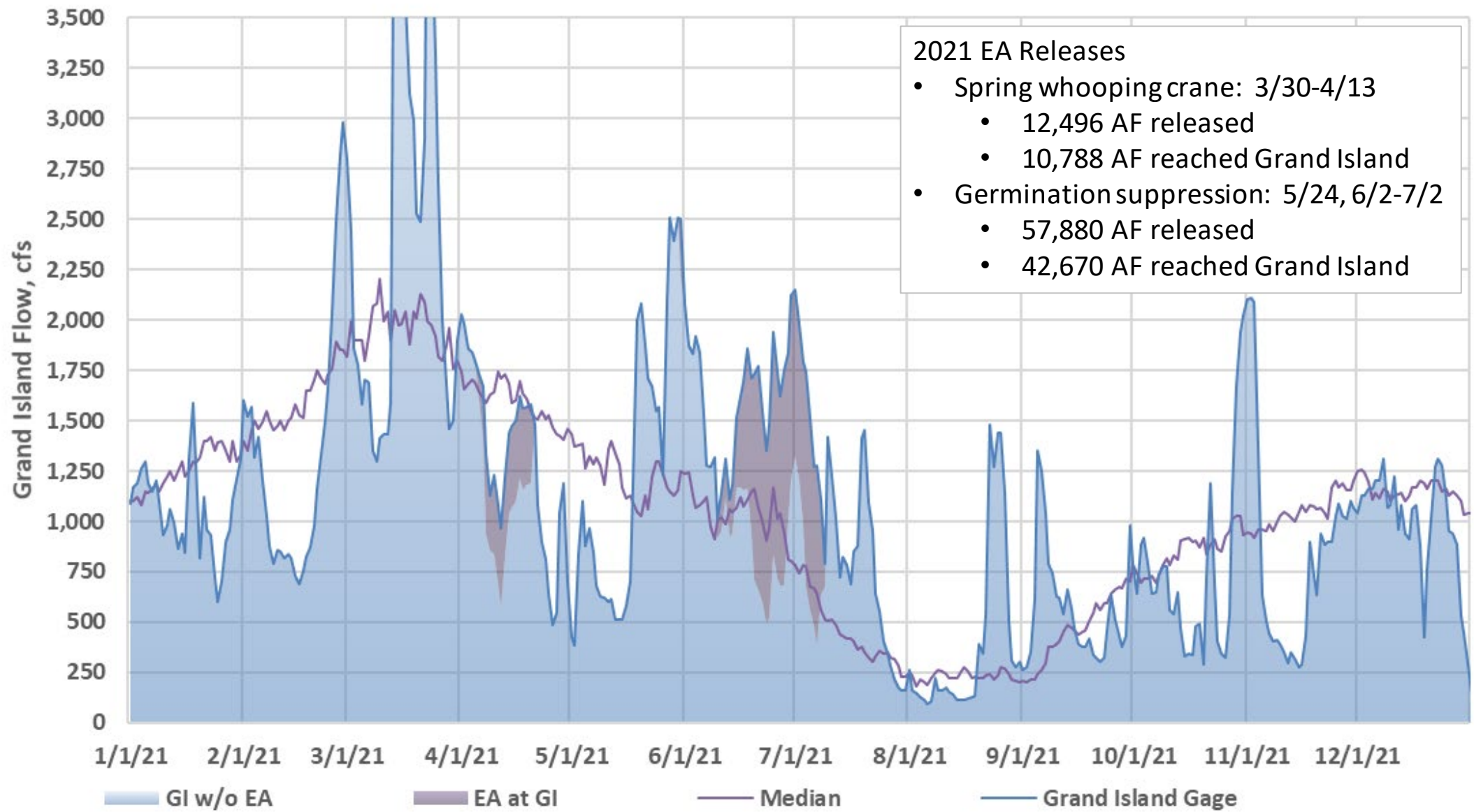
Retiming –
Uncontrollable
(Recharge)

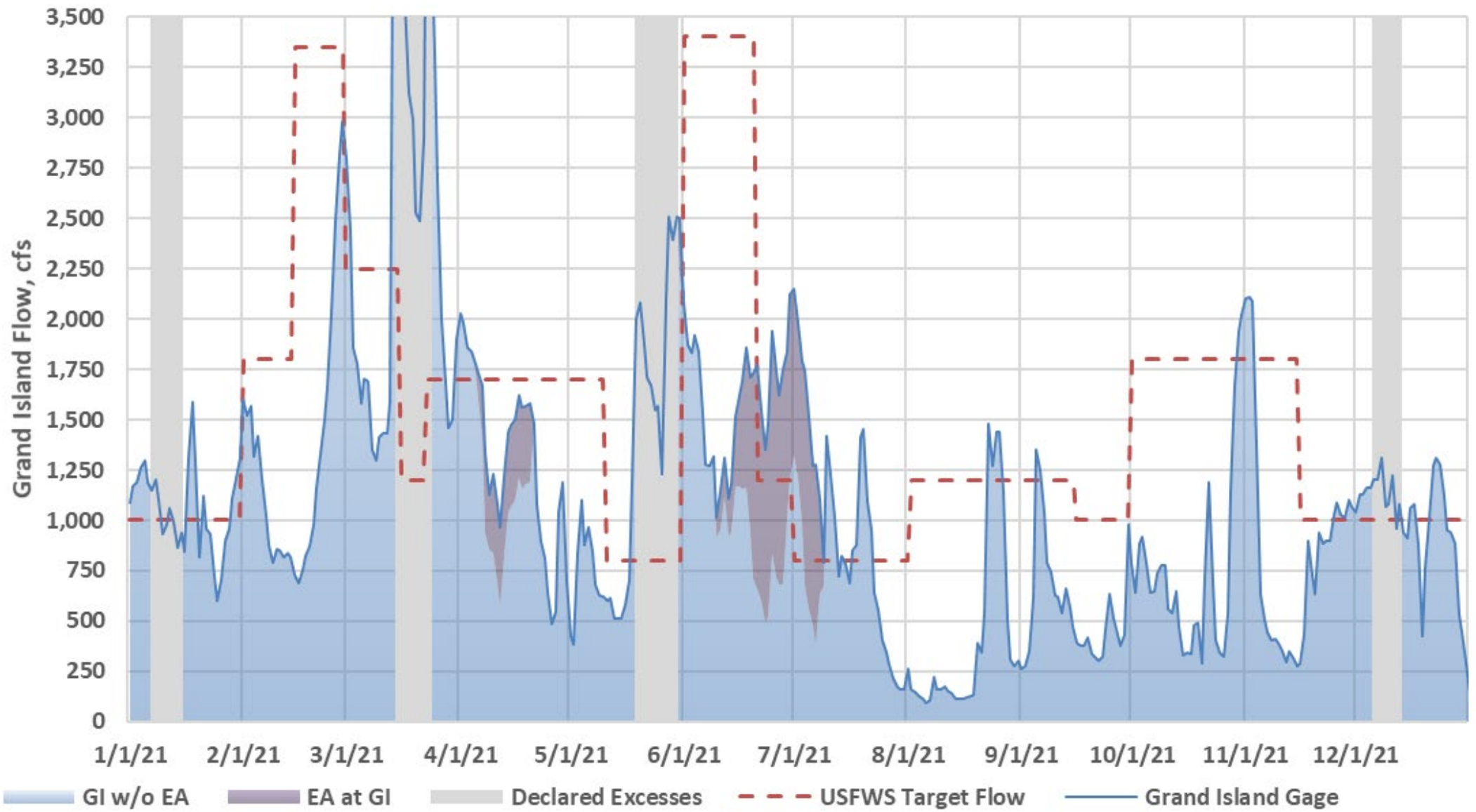
Retiming –
Controllable
(Recapture Wells)



Recapture Well Network Pilot Project







North Platte Chokepoint

- Goal is to achieve and maintain 3,000 cfs capacity below flood stage
- July 2020 flow test
- Chokepoint Planning Workgroup recommendations
 - Vegetation control measures (herbicide spraying, disking)
 - Revisit bypass canal concepts
- Flow routing tool
 - Bypass capacity up to 1,500 cfs around chokepoint
 - Germination suppression flow target of 1,500 cfs at Grand Island
 - More tomorrow...