

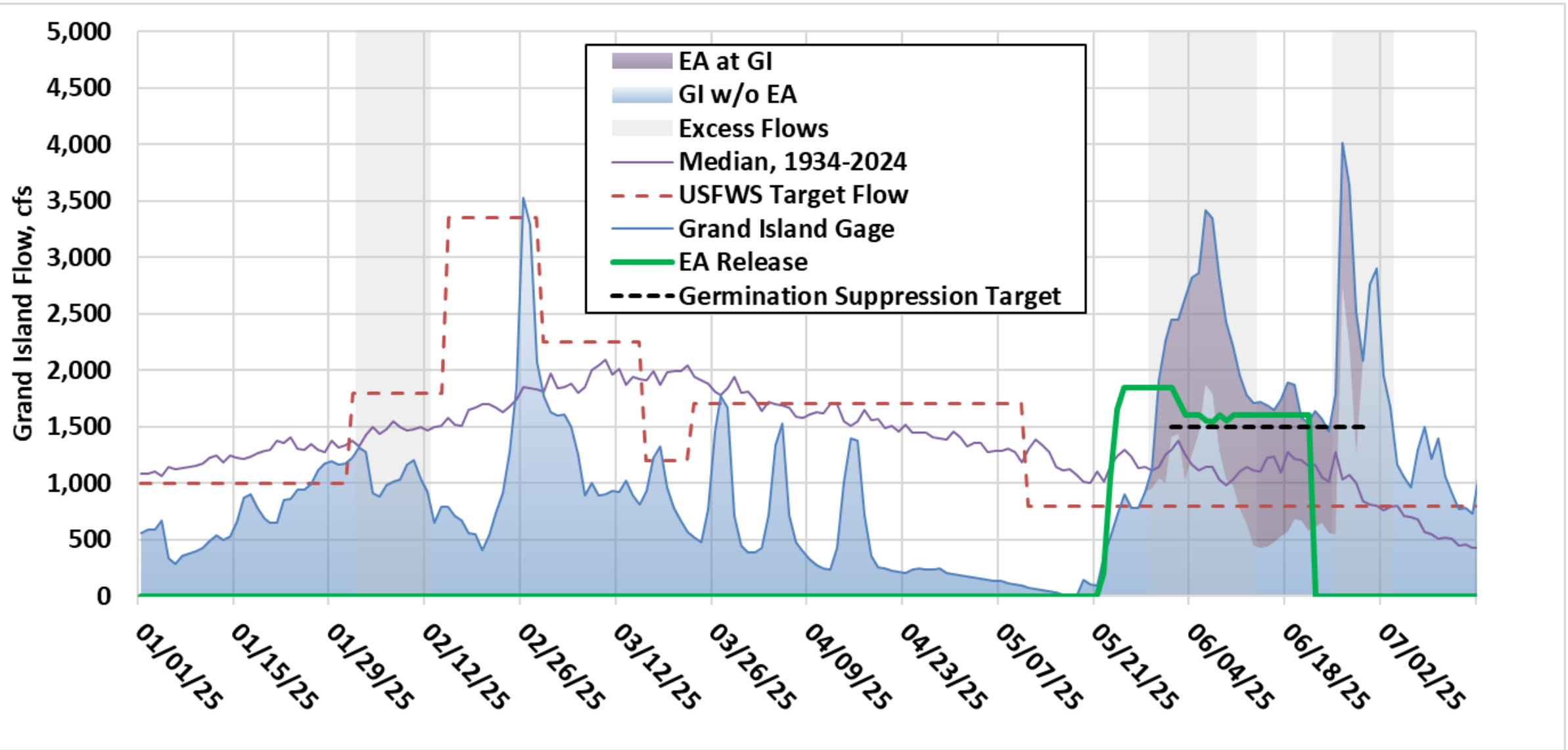
# Germination Suppression EA Release

Seth M Turner, PE  
PRRIP Water Plan Coordinator  
Technical Advisory Committee Meeting  
July 23, 2025

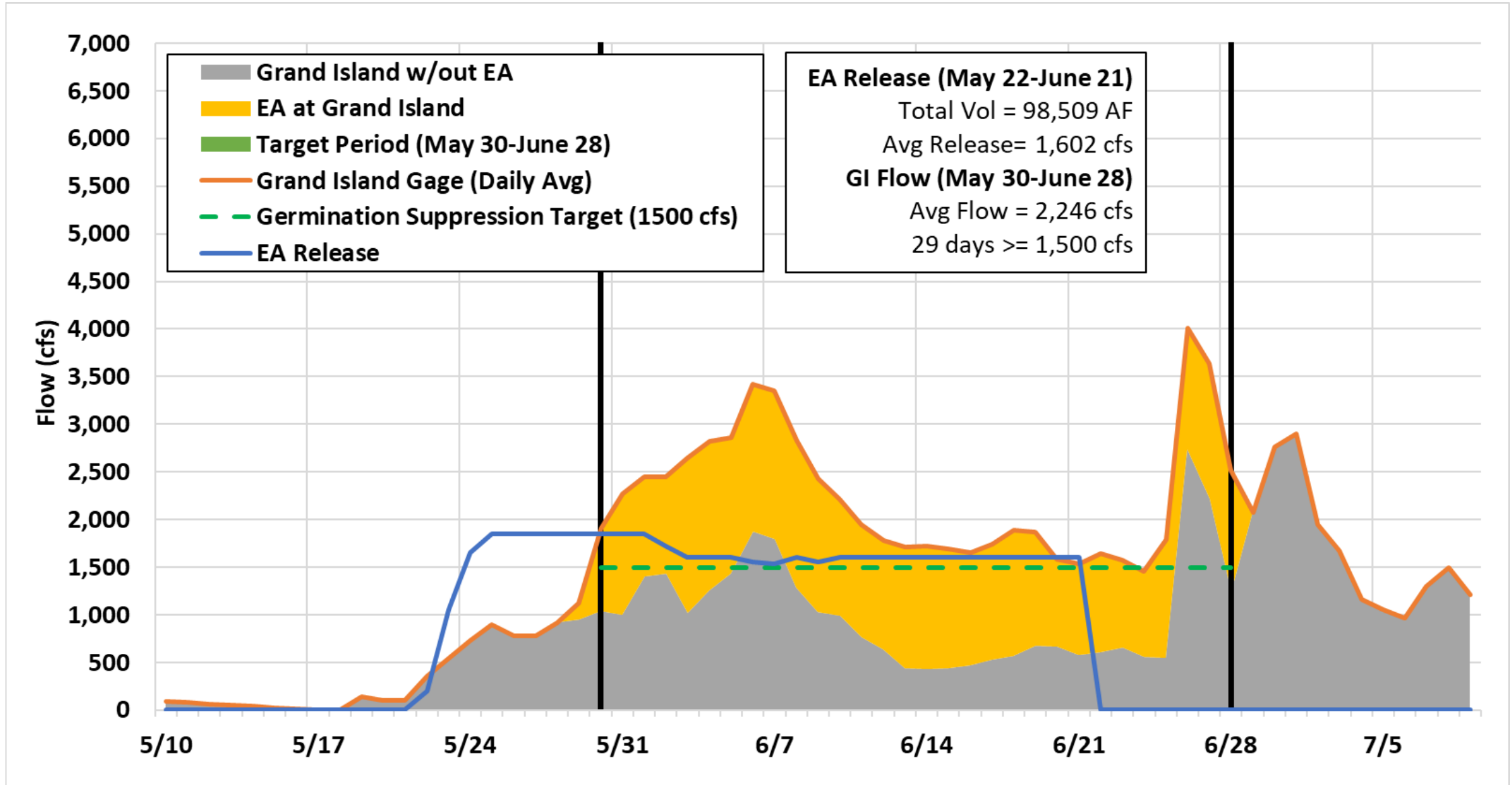
# Germination Suppression Purpose

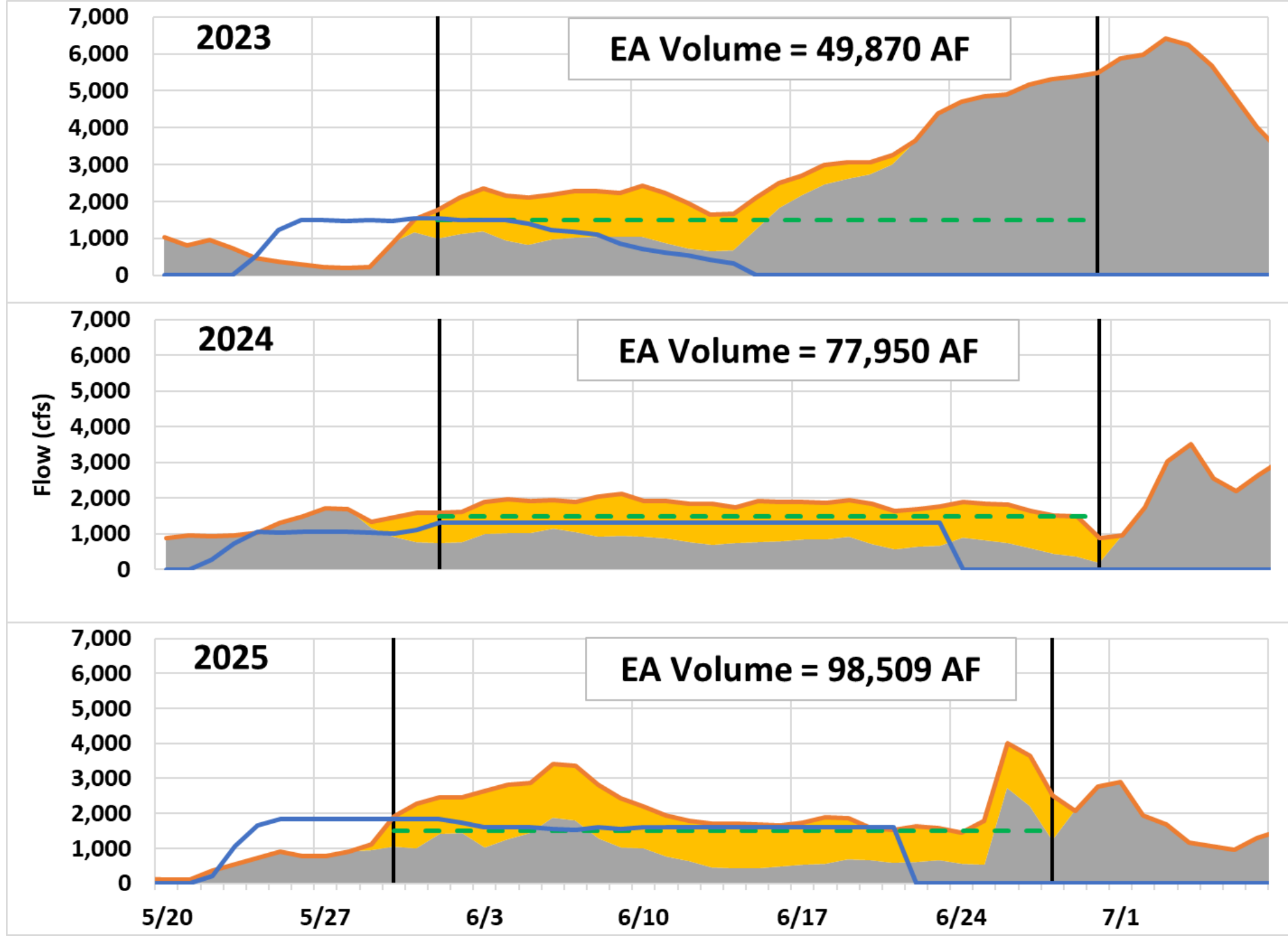
- Extension Big Questions: Maintain suitable WC roosting habitat
  - EBQ#1: How effective to use Program water?
  - EBQ#2: How effective is Program phragmites management?
- Management Hypotheses
  - EBQ#1: 30-day minimum flow target of 1,500 cfs between June 1-July 15 will suppress vegetation and slow expansion into the channel
  - EBQ#2: Same release in combination with continued herbicide spraying will slow expansion of phragmites
- 1,500 cfs flow target assessed at Grand Island (downstream end of AHR)
  - ~8 days travel time from Lake McConaughy
  - ~200 river miles
- 6<sup>th</sup> year of germination suppression EA release (2020-2025)

# 2025 Grand Island Year-to-Date Flow Summary



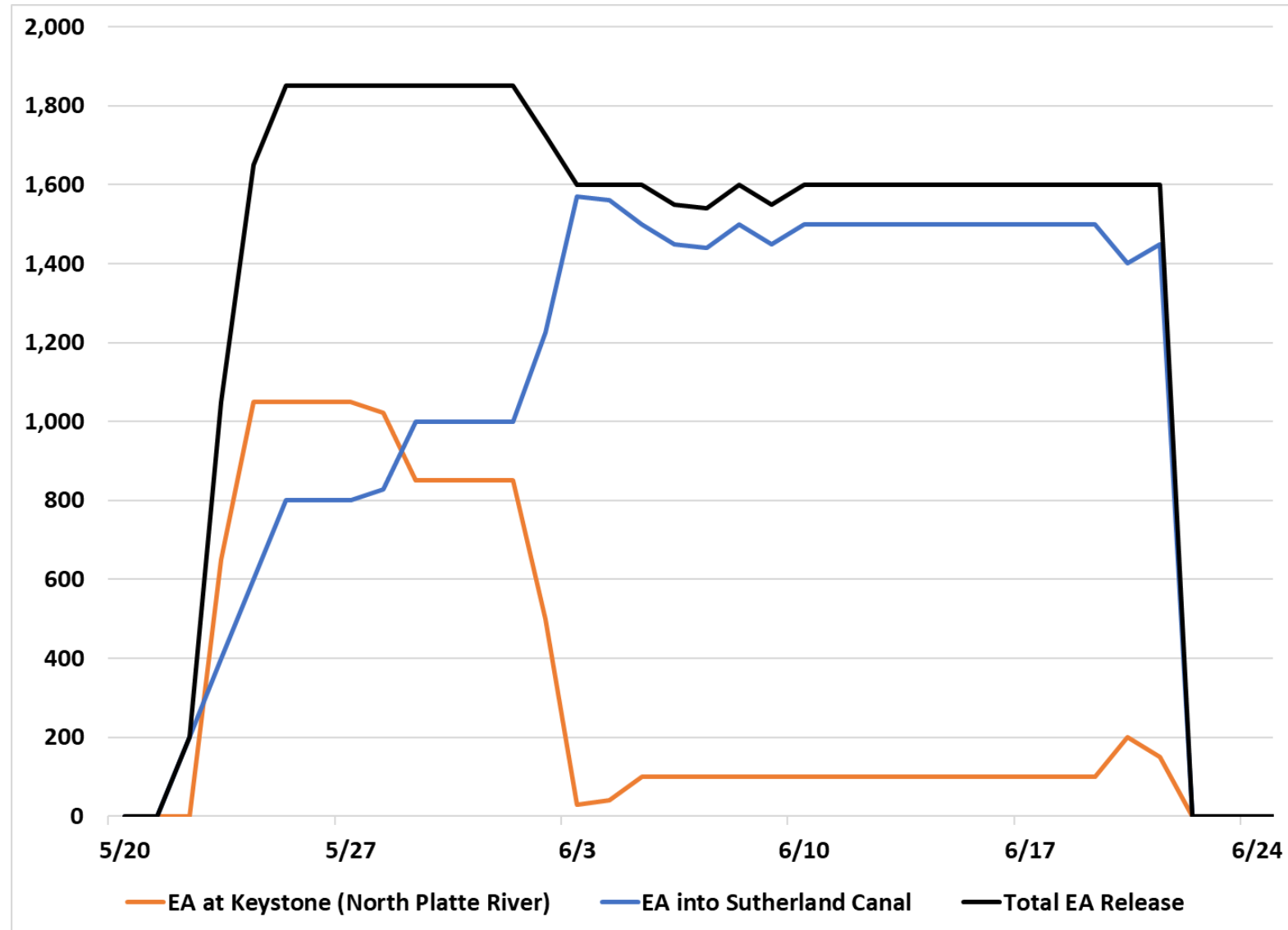
# 2025 EA Release for Germination Suppression





# EA Release Routing – North Platte Chokepoint

- Faster ramping in NPR, then transition most to Sutherland Canal
- Overall Routing
  - North Platte River (24%)
  - Sutherland Canal (76%)
- NPR @ North Platte gage
  - At ~6.0 ft minor flood stage from June 17-20
  - No changes to EA release
- Only 10 days (in 2022) with Chokepoint capacity constraint in 5 years of EA releases for germination suppression



# Thank You!!!

- USFWS (Steve, Matt, and Mark)
- CNPPID (Tyler)
- NPPD (Nick and Jeff)
- Nebraska DNR (Jeremy and Jim)