

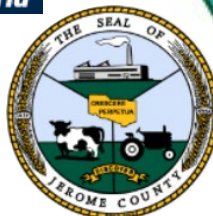
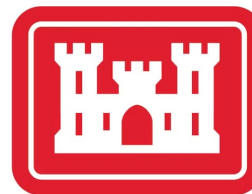


Snake River – Quagga mussels



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

Invasive Species Response



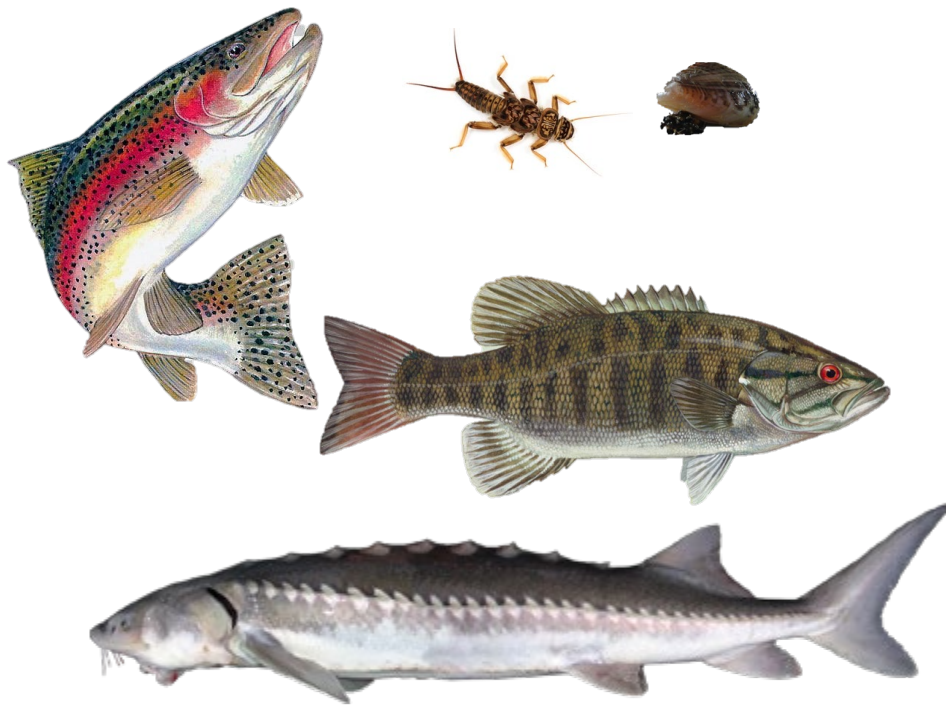
Invasive Species Response Timeline

Today < > September - October 2023

Boise, Idaho ▾  Today 56° F / 37° F  Tomorrow 55° F / 44° F  Friday 60° F / 46° F  Month ▾

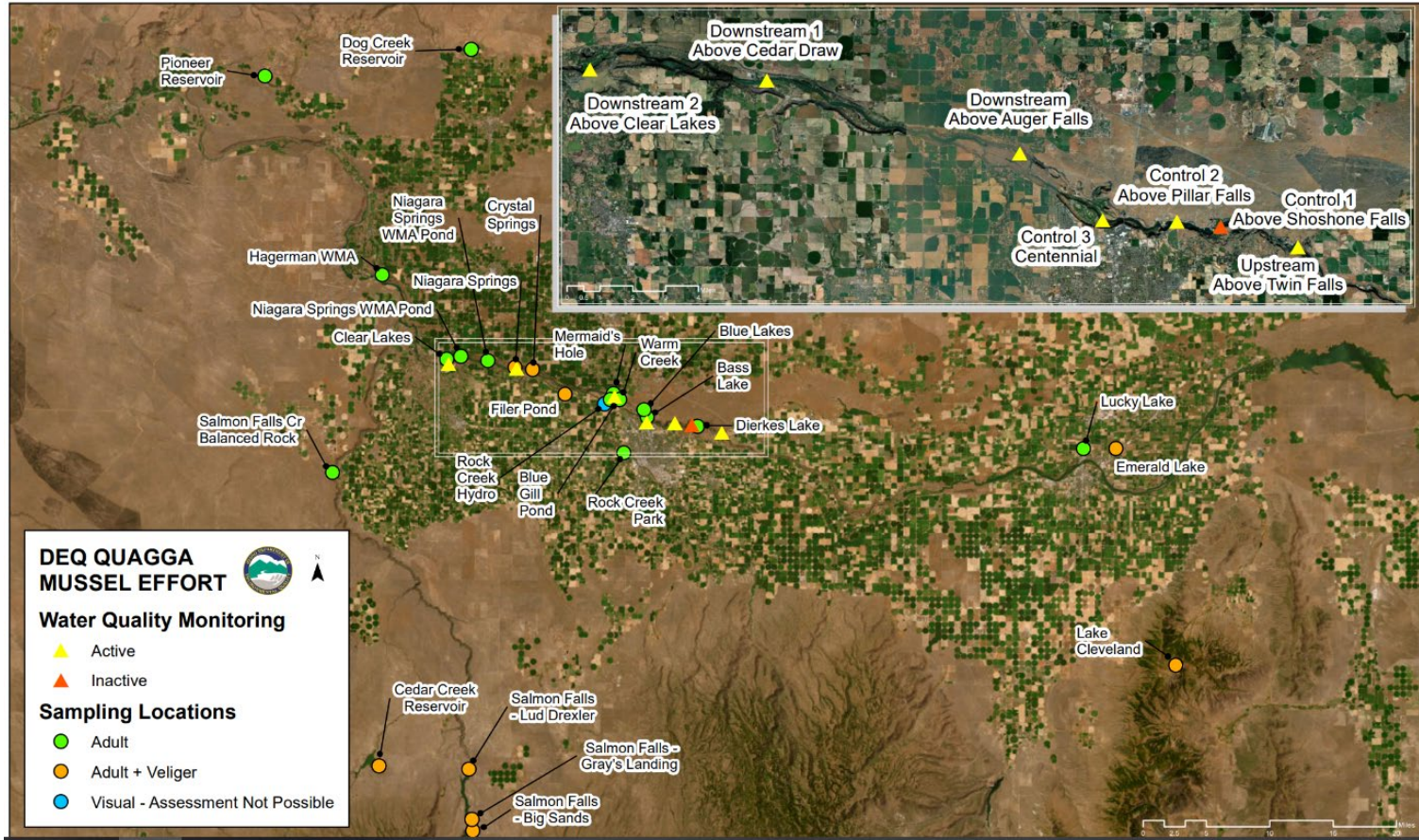
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Sep 17	<div style="border: 2px solid blue; padding: 5px;">x</div>	19	20	21	22	23
24	25	26	27	28	29	30
Oct 1	2	3	4	5	6	7
8	9	10	11	12	<div style="border: 2px solid blue; padding: 5px;">x</div>	14

Copper Toxicity

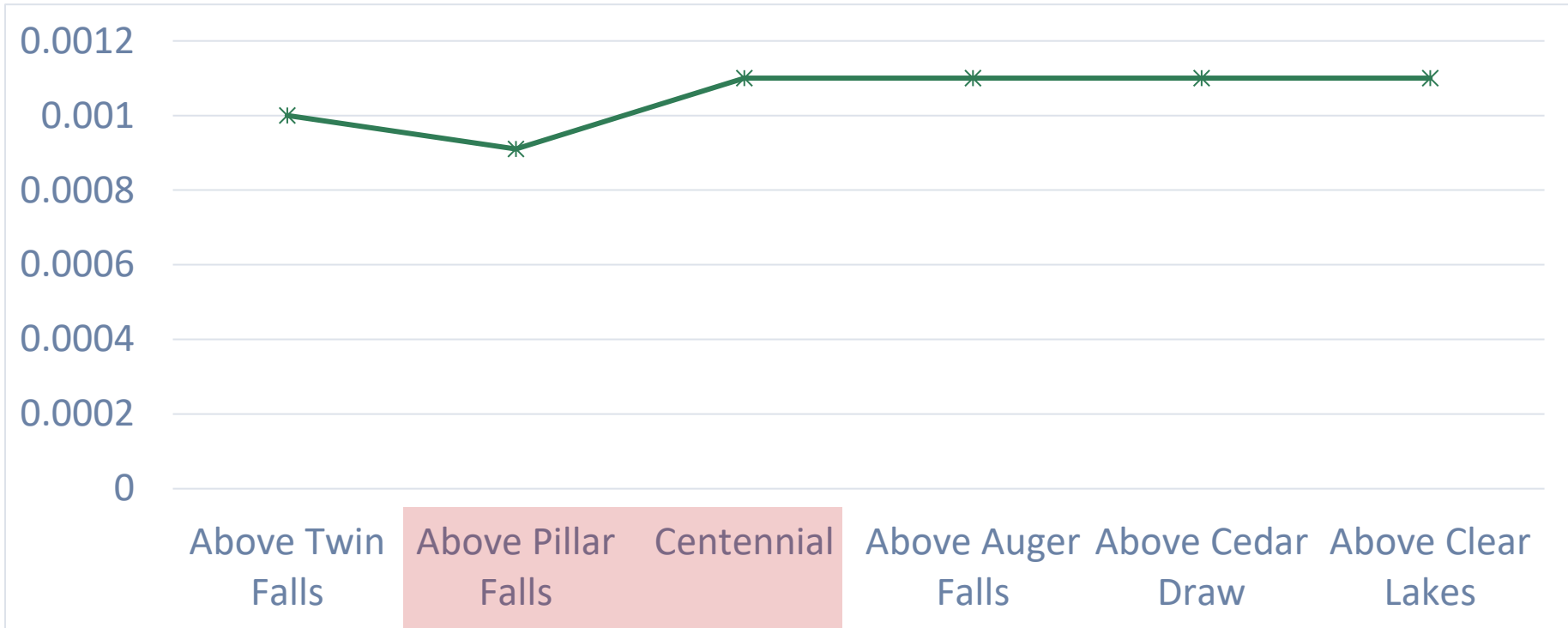


- Biotic Ligand Model
 - Acute effects
 - Chronic effects
- 10 different parameters
- Dynamic criteria

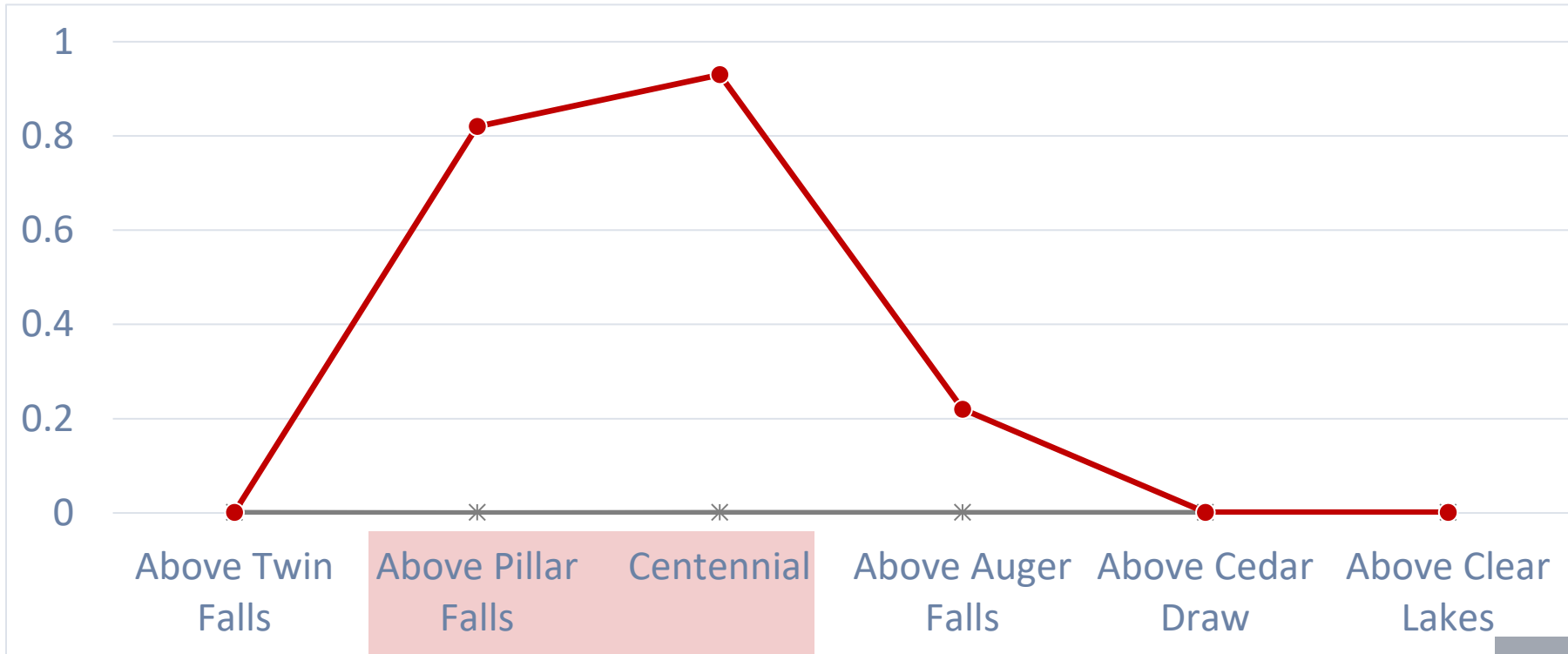
DEQ Monitoring



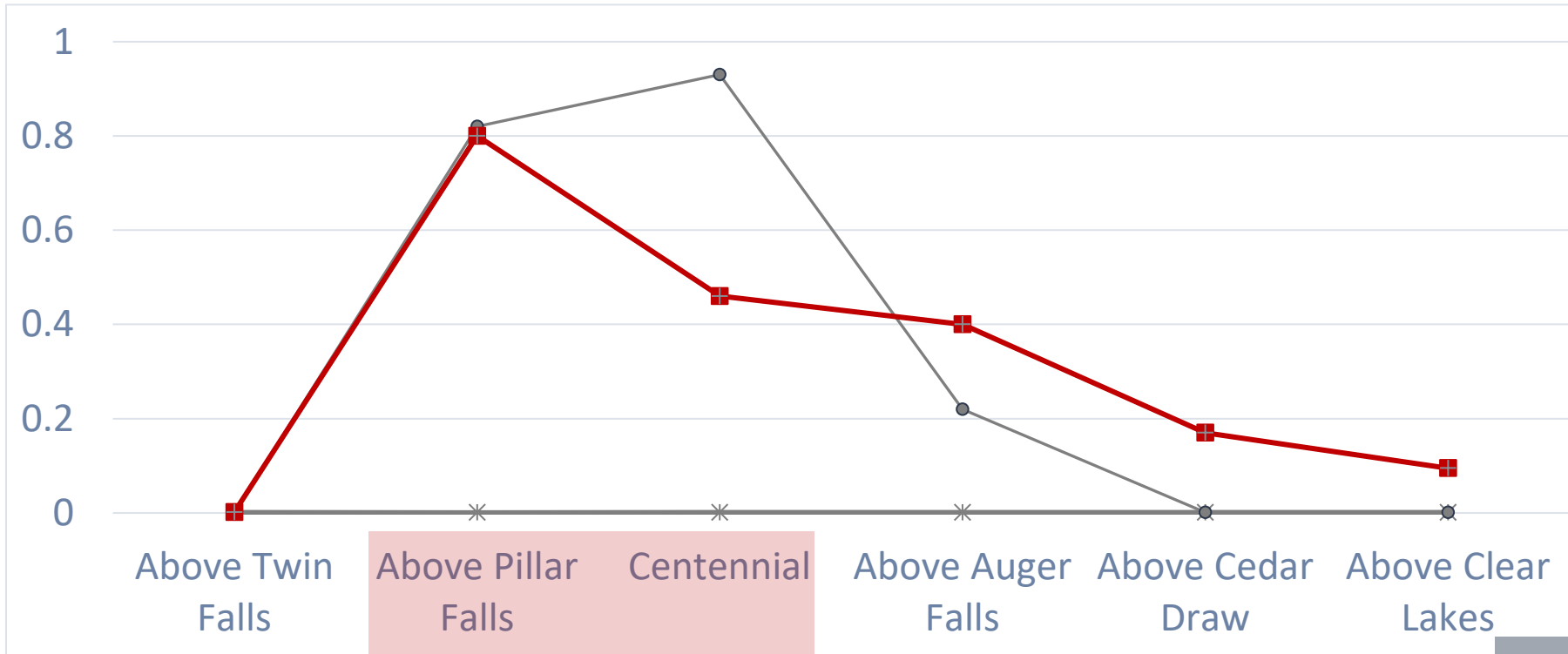
September 27 - Pretreatment



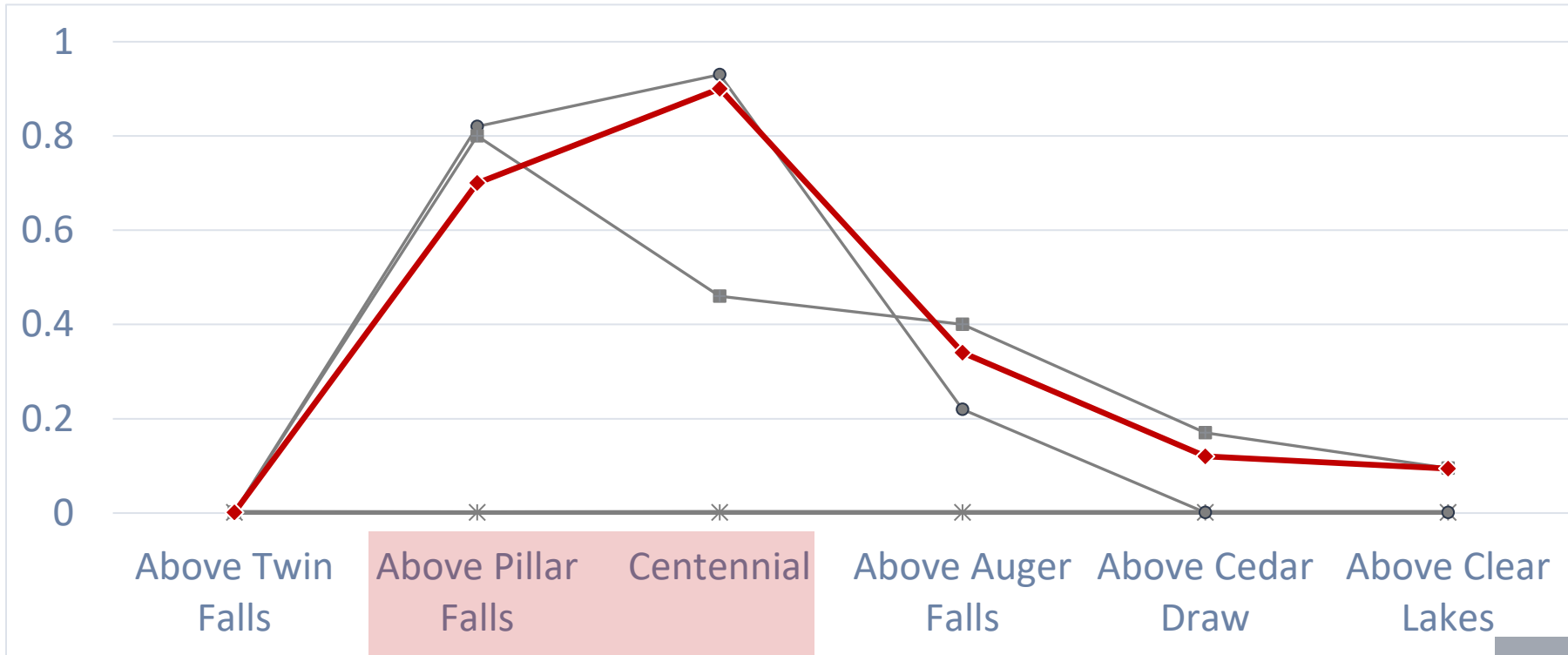
Oct 5 – Phase 1 treatment



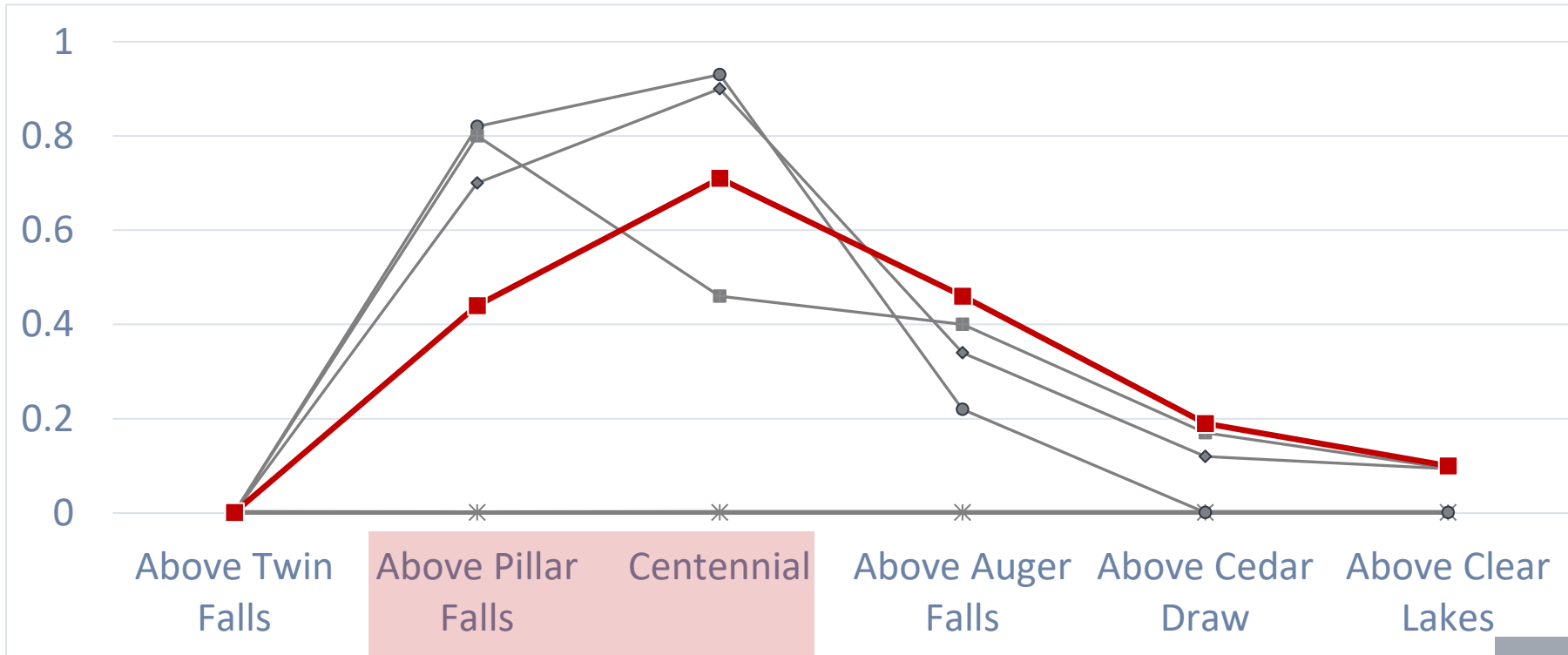
Oct 10 – Phase 2 treatment



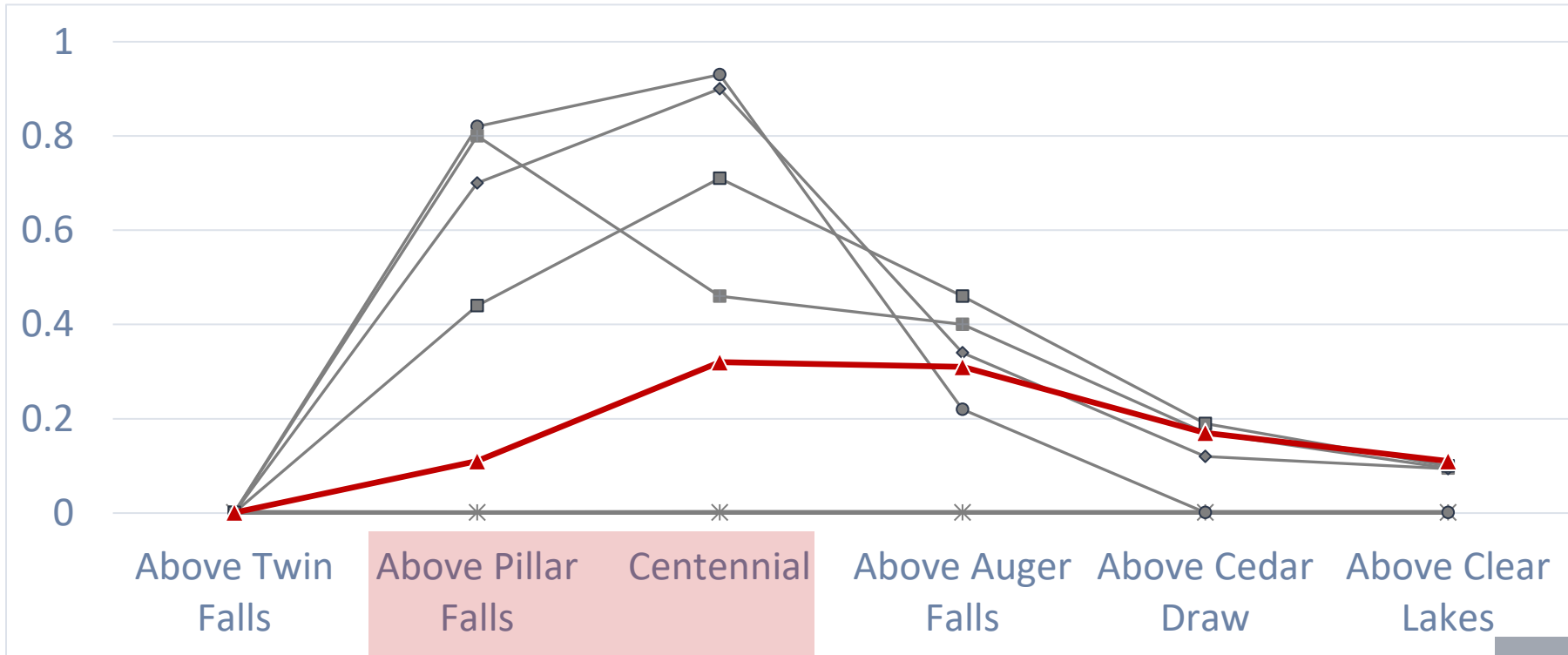
Oct 12 – Phase 2 treatment



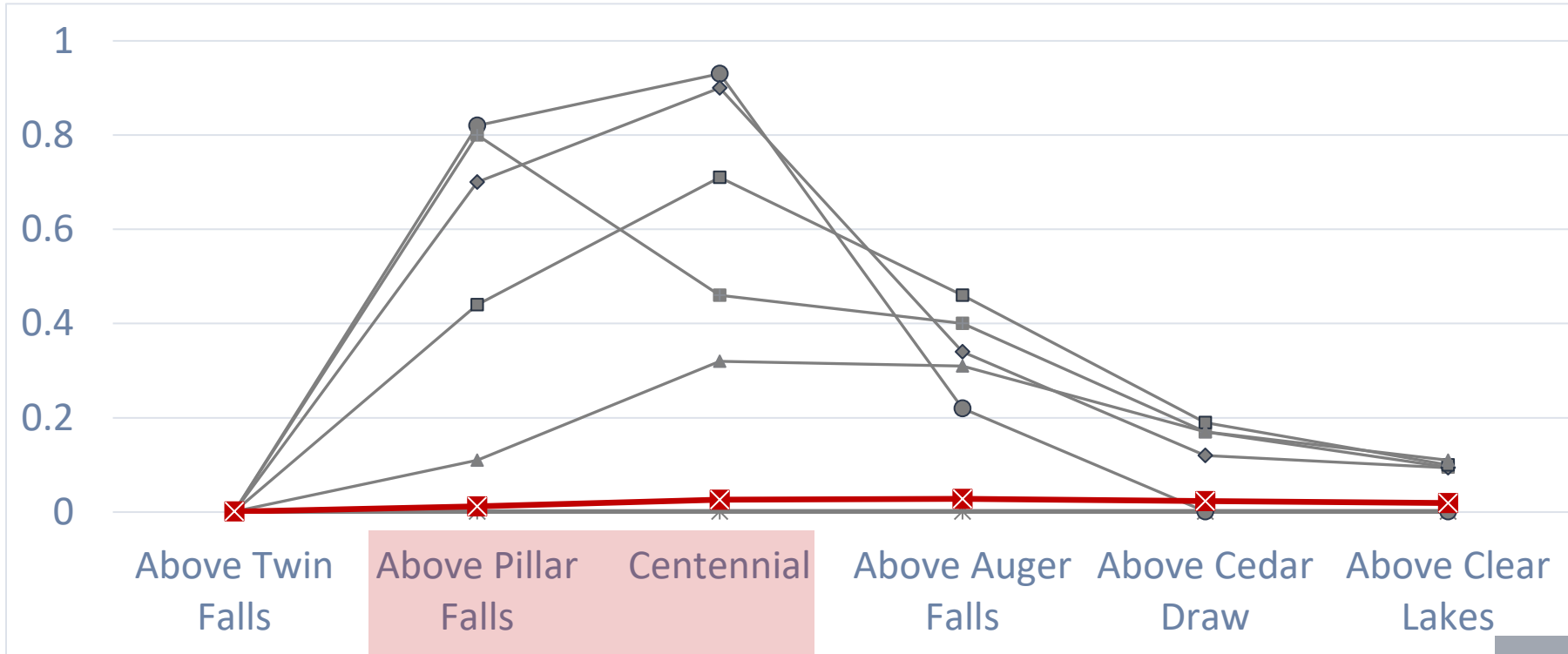
Oct 17 – Post treatment



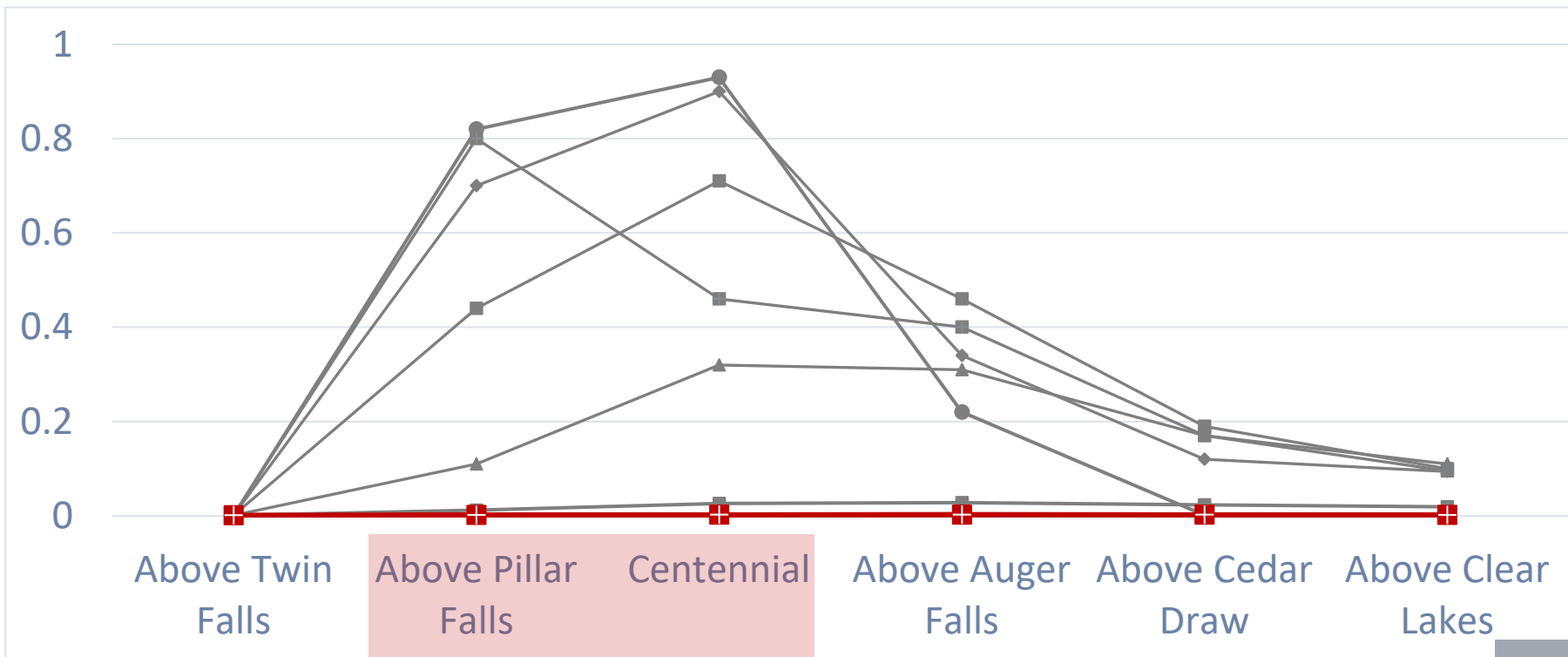
Oct 19 – Post treatment



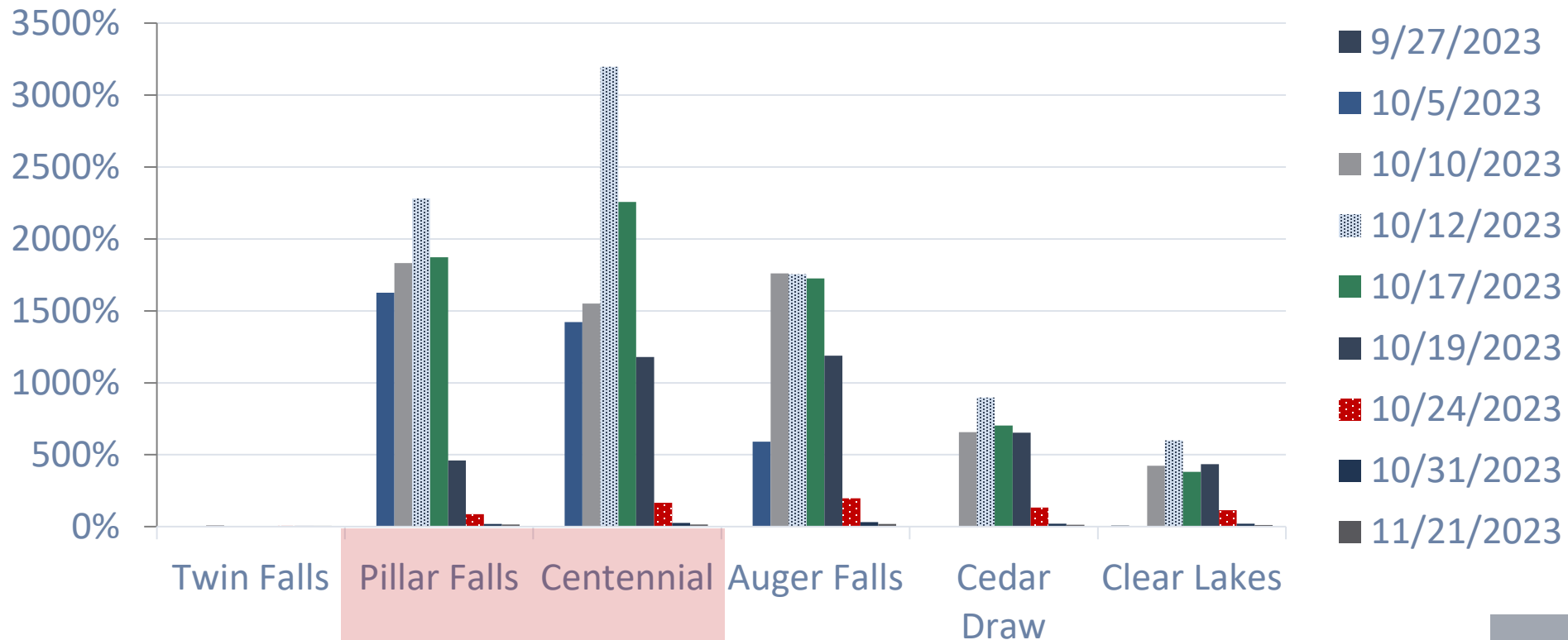
Oct 24 – Post treatment



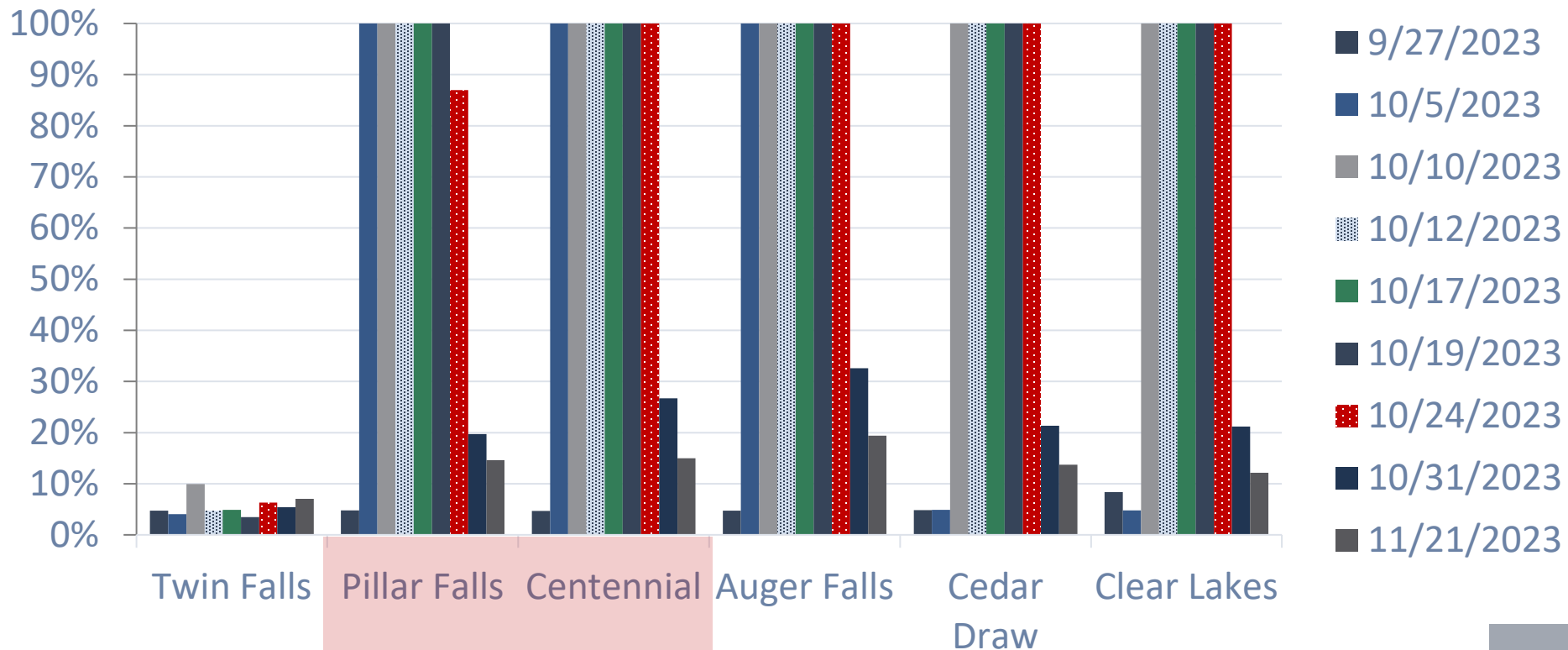
Nov 21– Post treatment



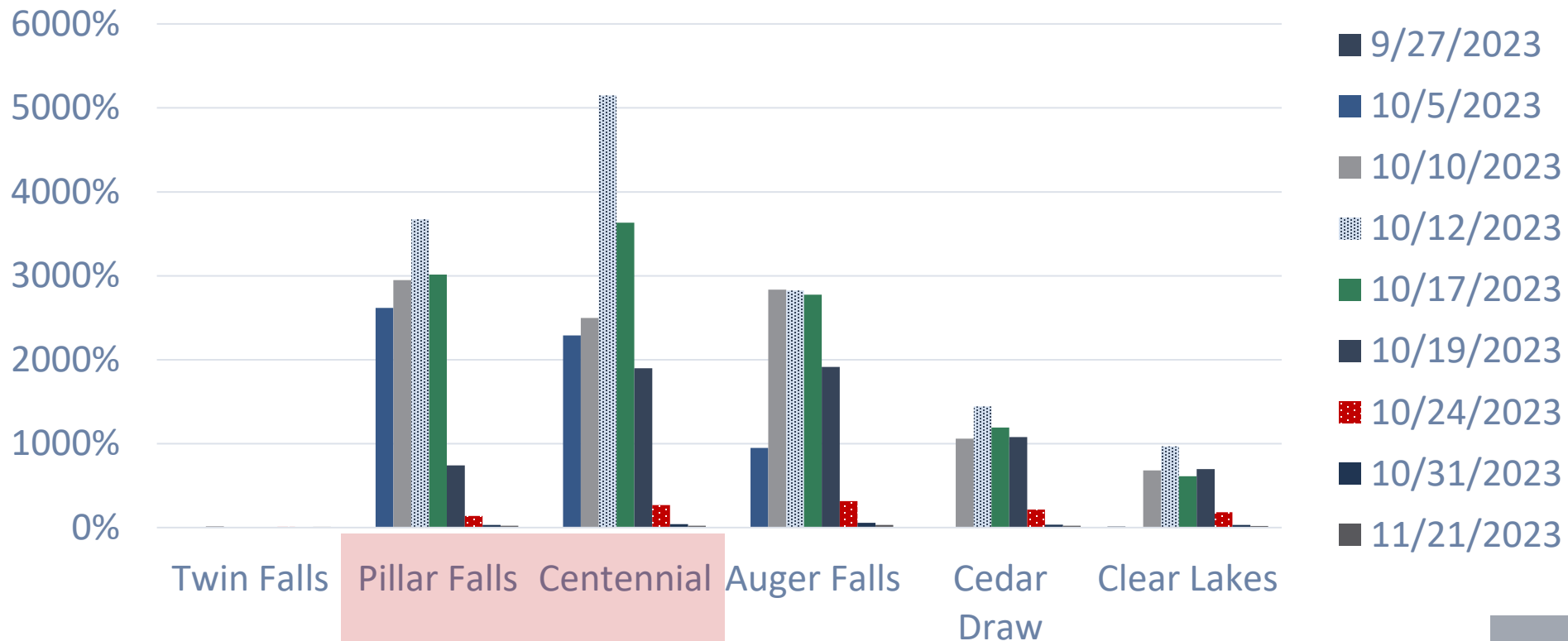
Percent of Acute Criteria



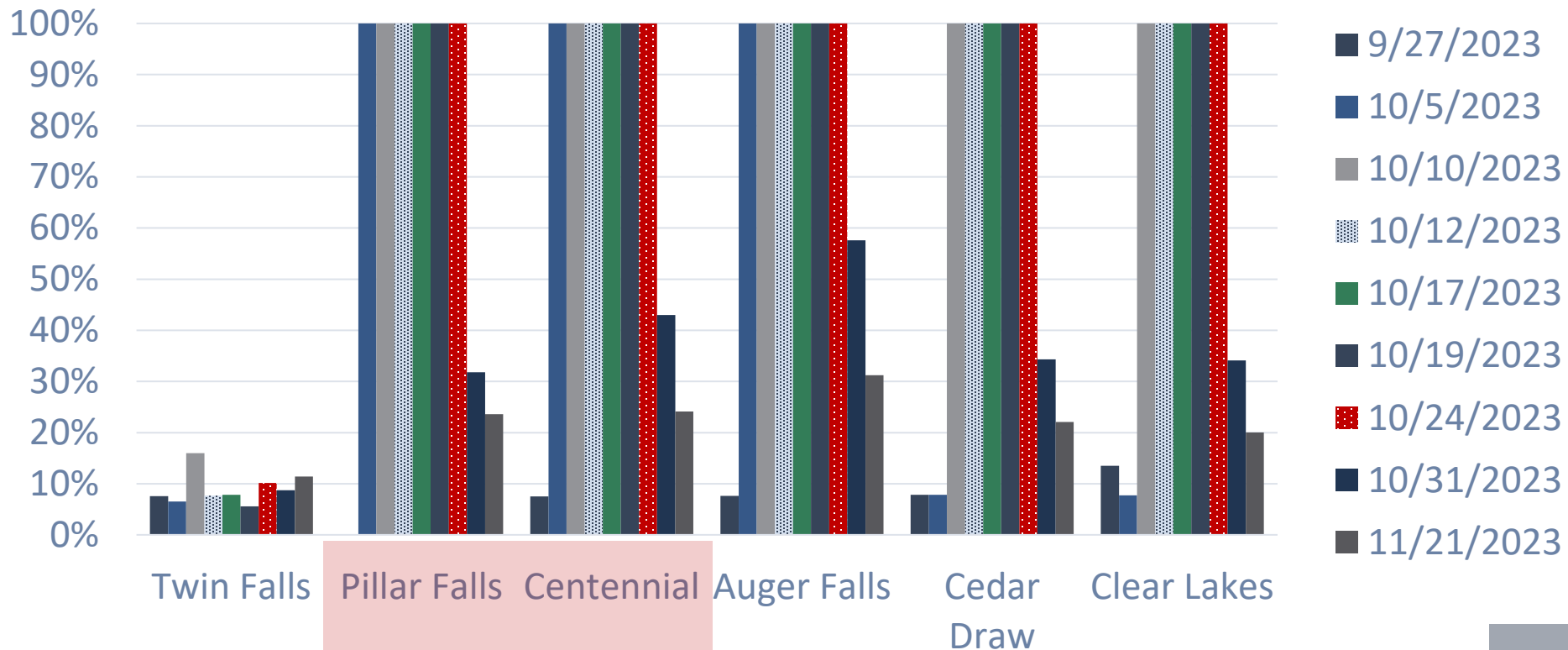
Percent of Acute Criteria



Percent of Chronic Criteria



Percent of Chronic Criteria



Questions?



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

Mary Anne Nelson
Administrator, Surface & Wastewater Division

Quagga mussel

