



SKOOKUMCHUCK DAM

NAT KALE | MERRI MARTZ

September 1, 2022

TRADEOFFS

BACKGROUND

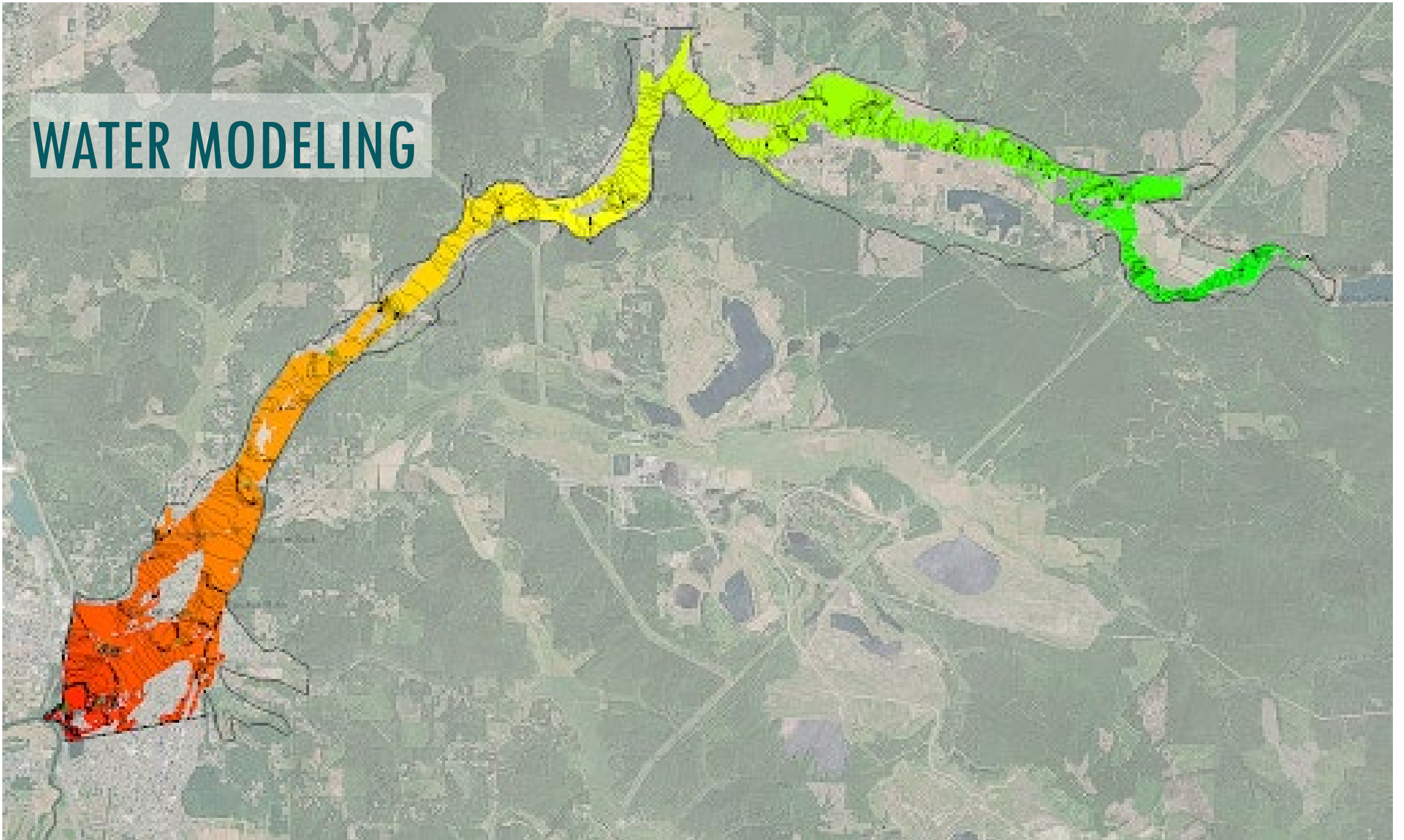
2020 - Local Actions and Turbine 1 Shutdown

2021 - Phase 1 and Water Bank

2022 - Phase 2 (now)

2025 - Turbine 2 Shutdown

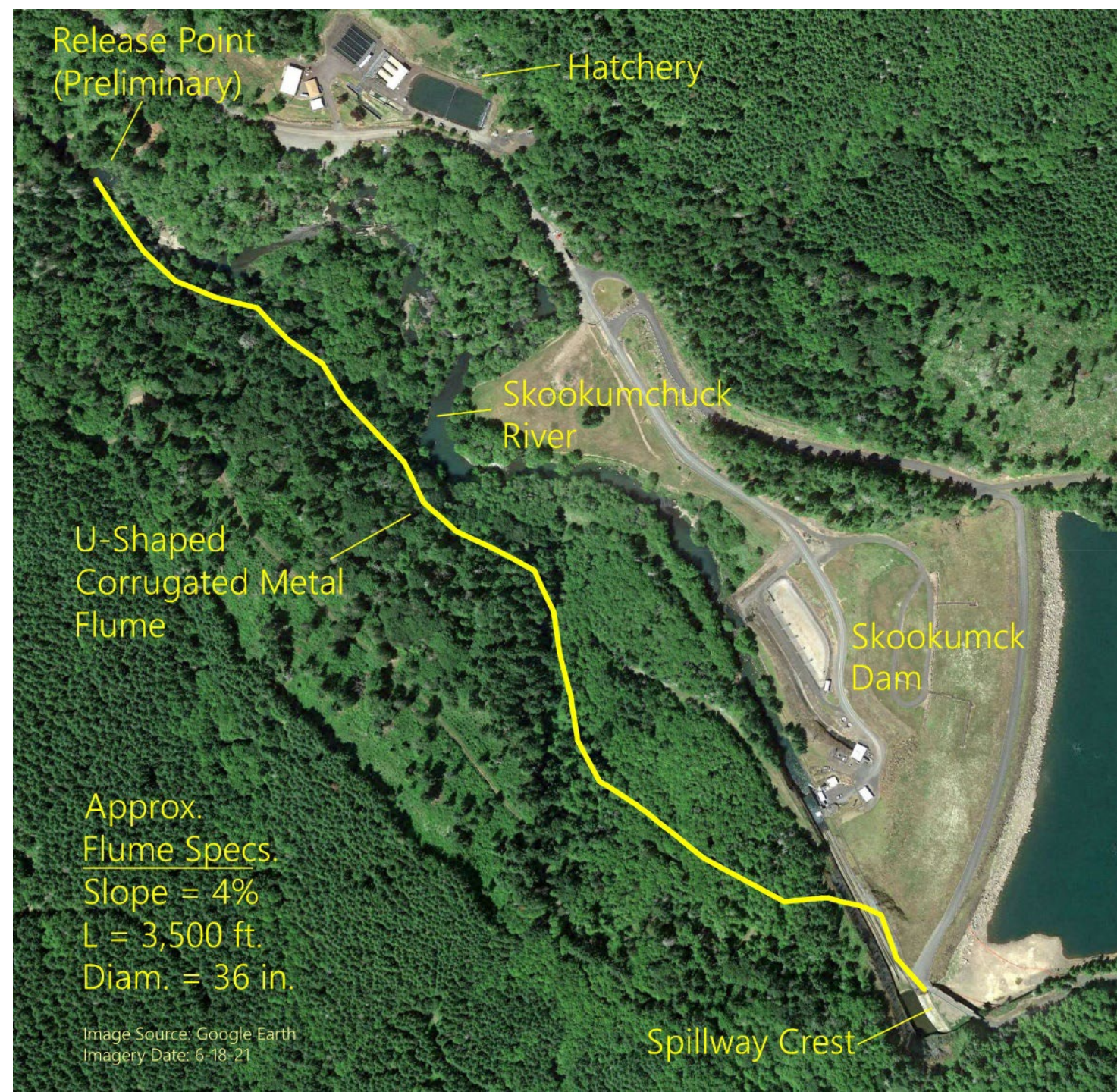
WATER MODELING



LIDAR AND AERIAL PHOTOGRAPHY



DOWNSTREAM FISH PASSAGE



REMAINING PHASE 2 WORK

Flood Impact Scenarios

Habitat Metrics

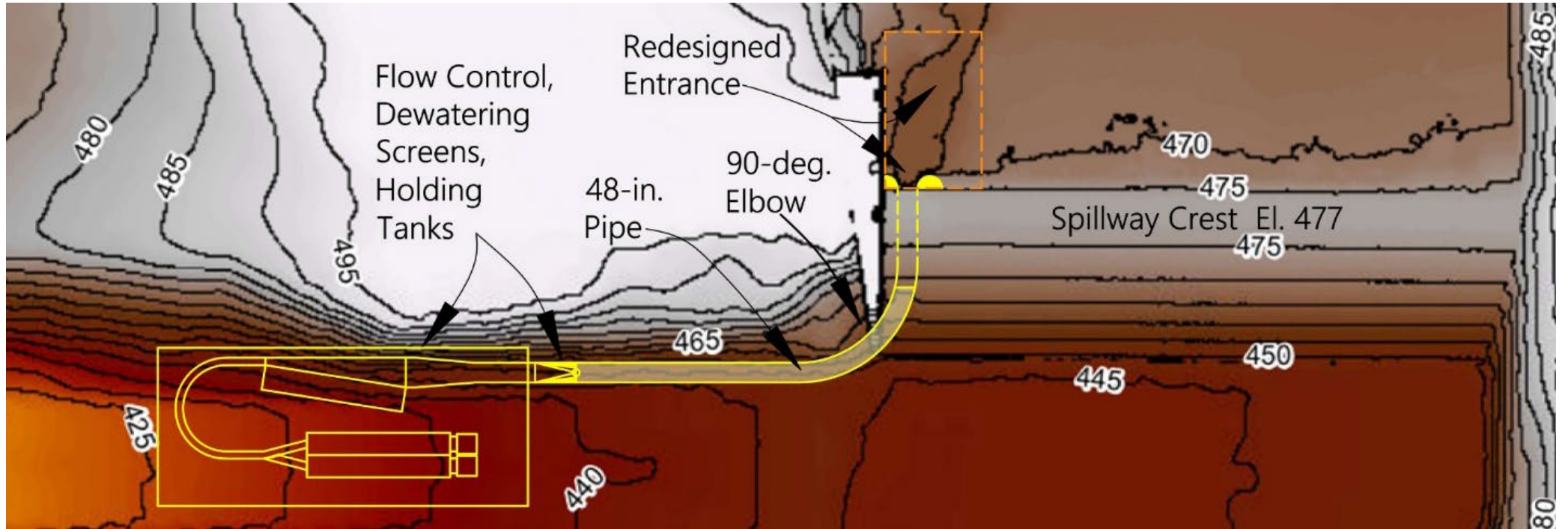
EDT Modeling

Draft & Final Reports

FISH SLUICE



FISH SLUICE (CONCEPT DESIGN)

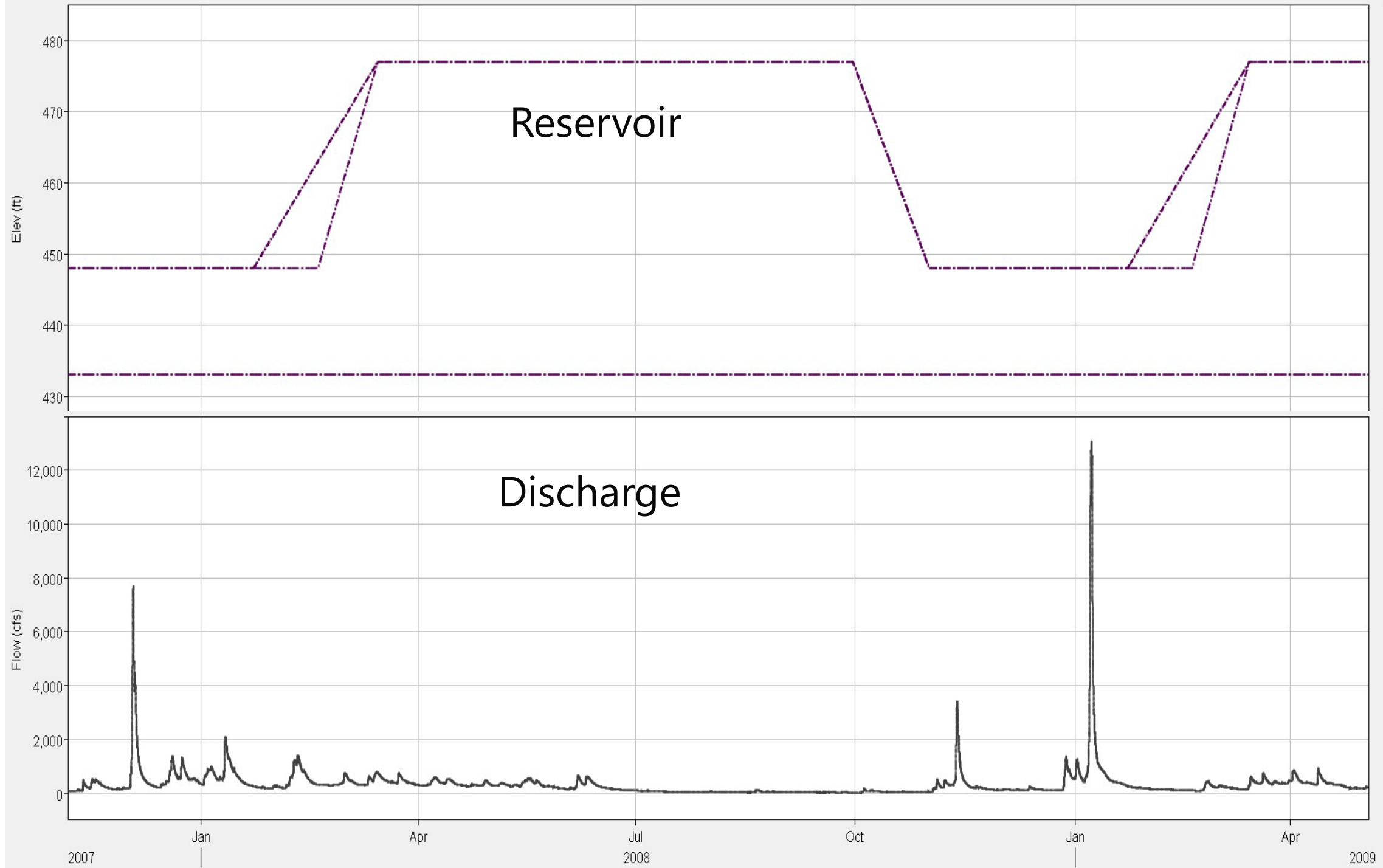


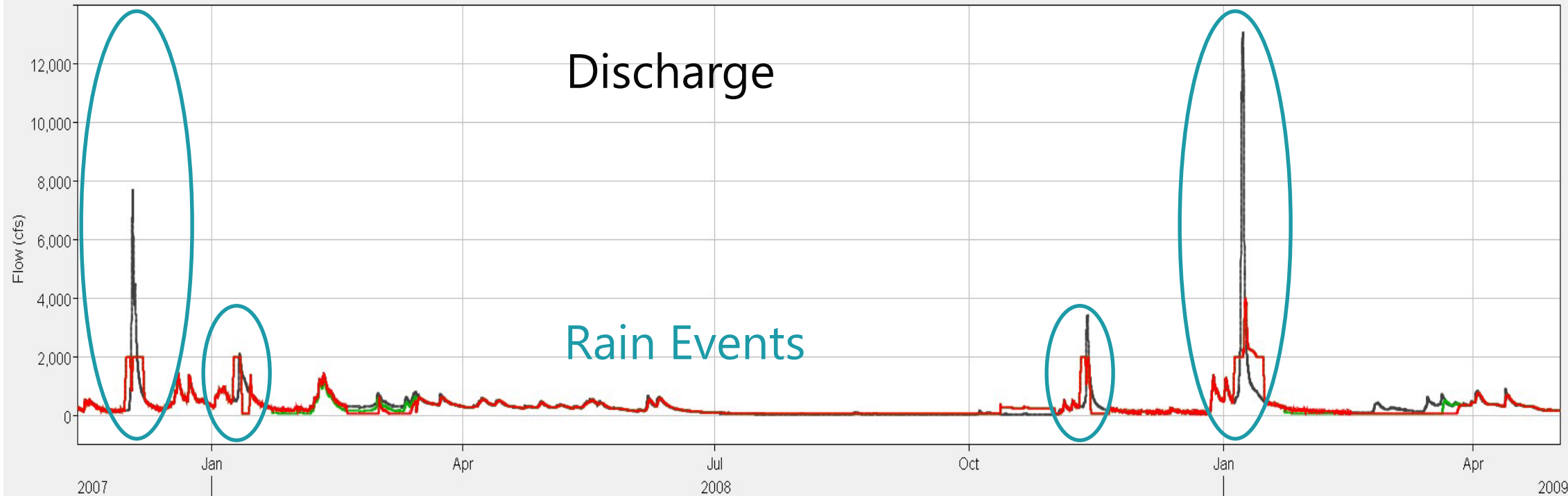
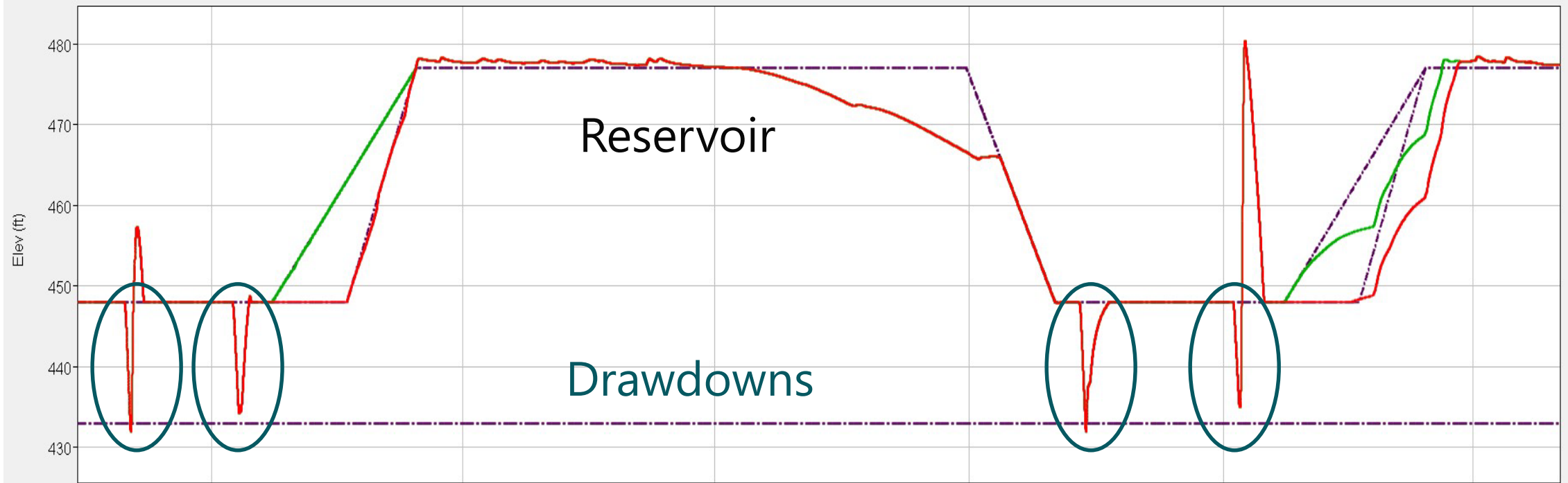
BUCODA AND CENTRALIA FLOODING

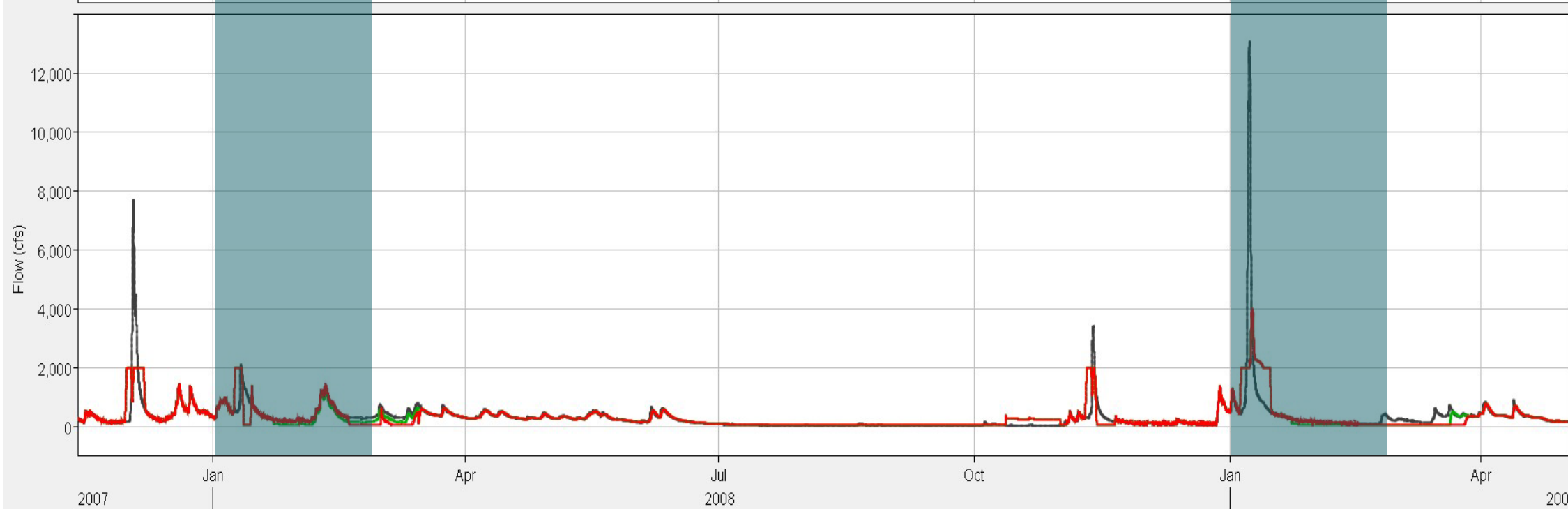
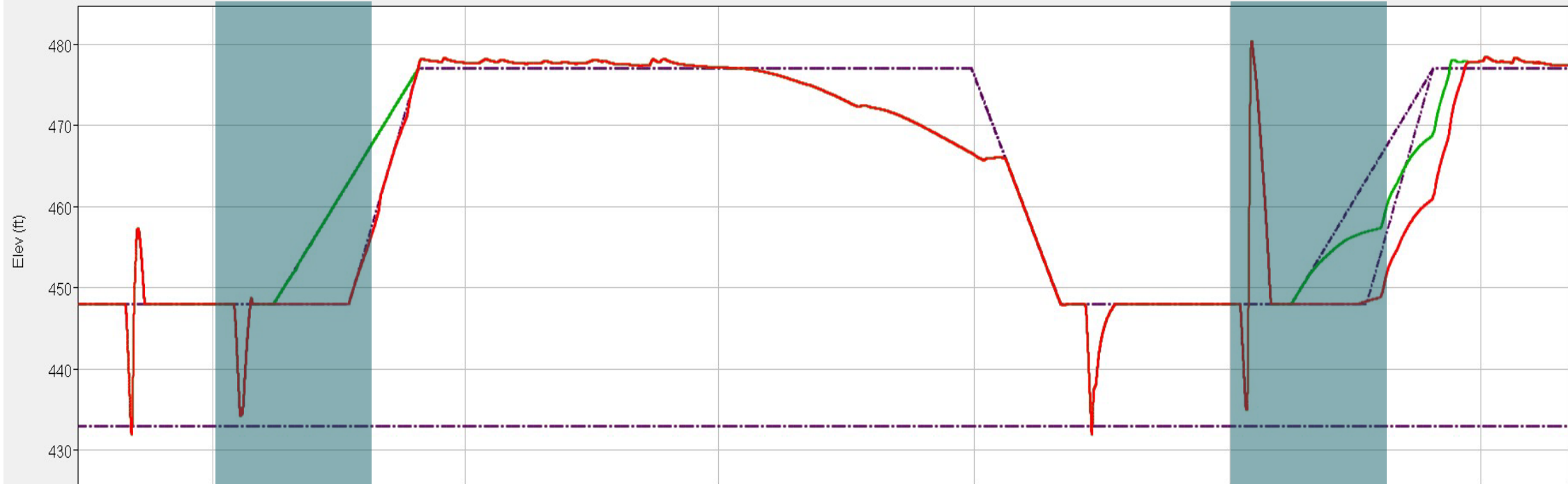


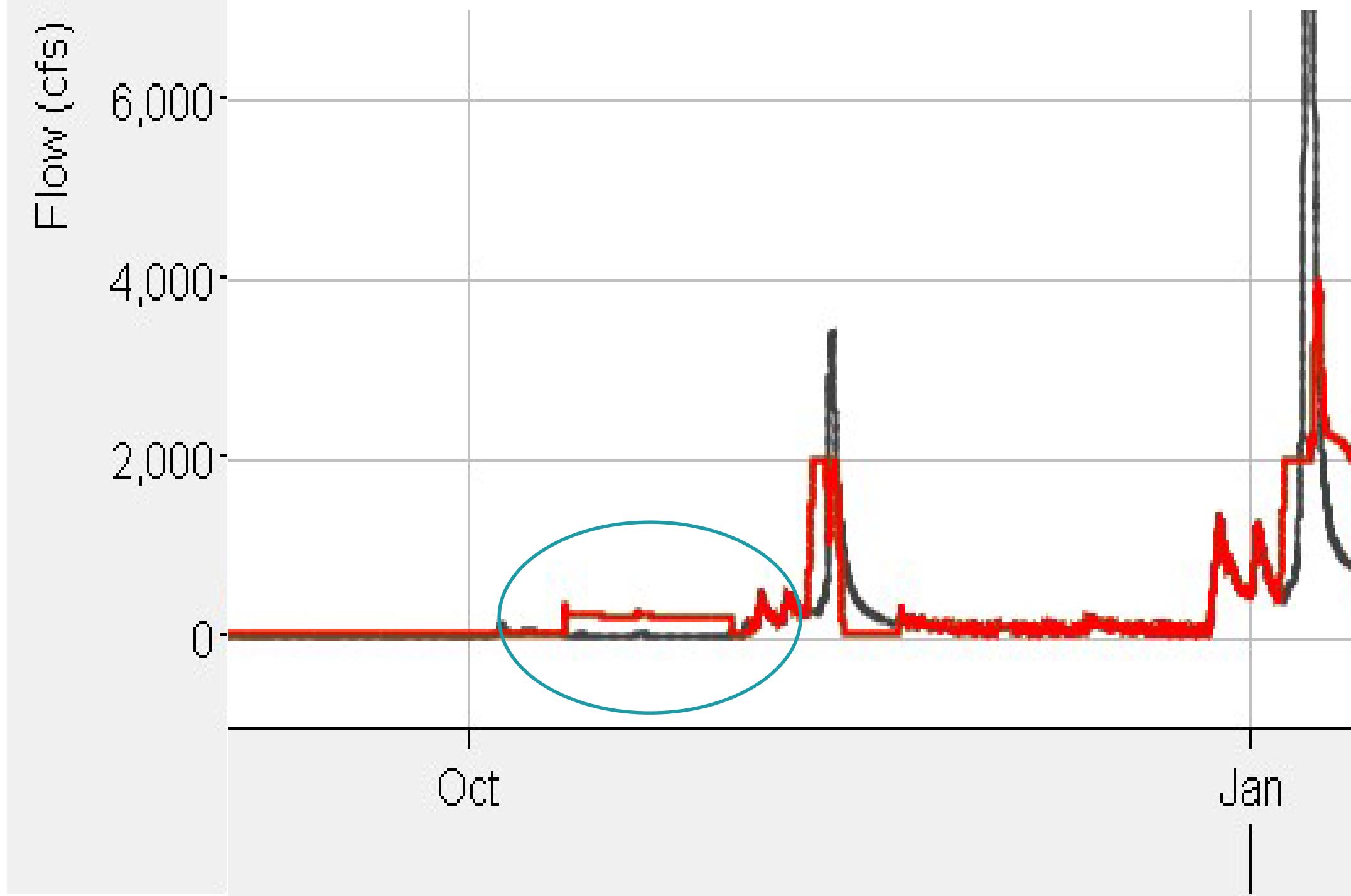
FLOOD REDUCTION DAM MODIFICATION

	1,000 CFS OUTLET	2,000 CFS OUTLET	3,000 CFS OUTLET
11,900 Acre Feet	11,500 cfs	10,700 cfs	10,000 cfs
20,000 Acre Feet	8,250 cfs	5,350 cfs	4,100 cfs
35,000 Acre Feet	1,400 cfs	2,100 cfs	3,000 cfs









QUESTIONS OR DISCUSSION

