Tulelake Irrigation District
2022 Water Management Operations Plan

The TID Board of Directors and Management have developed a strategic operations plan for diversion of TID's portion of UKL surface water supply geared toward minimizing overall impacts to district operations and delivery issues.

TID intends to initially hold Station 48 diversions to a minimal rate; just enough to help facilitate distribution of TID Well water and provide more equitable service to areas within the system where well water delivery is extremely difficult. This tactic will allow TID to reserve the majority of TID's available surface water to be diverted later in the season at a much greater rate through the peak demand period, effectively increasing efficiency of service and reduce rotational irrigation wait time.

TID's Planned Station 48 UKL Diversions Schedule:

- **March – May (Early Season): 30 CFS**
  - Flexibility to temporarily increase up to 50 CFS (+20 CFS) to mitigate unforeseen J Canal water level losses with intent to reduce back to 30 CFS once J Canal recovers
  - May vary to capture increases in Lost River flows resulting from hydrologic run-off events
- **June (Probable Transition Period): 30 to 150+ CFS**
  - Attempt to maintain Early Season diversion rates as long as possible at discretion of Manager
- **July – August (Peak Season): 150+ CFS**
  - Divert bulk of TID UKL supply, up to remaining total
- **September – November (Late Season): Pending Availability**
  - Help facilitate delivery of remaining irrigation demand through harvest
  - Reduce ground water pumping demand if possible

Identified flow rates in the schedule are approximations and meant to be measured at the J Canal Headworks (Anderson-Rose Dam). Required Station 48 diversions may be greater if resulting flows at the J Canal Headworks are less than identified.

TID Lease Lands:

- Operations specific to Lease Lands surface water deliveries will be subject to, and limited by, TID's Planned Station 48 Diversions Schedule
- Available Lease Lands surface water supply will be measured and capped by inputs to the N Canal (Main Drain Pumps)
- Up to one-third of TID's UKL diversion rate may be dedicated to spill directly to the Main Drain
- Dedicated spill intended for Lease Lands will be capped at 10 CFS when J Canal TID Well demand is at capacity
- Main Drain Pumps will operate solely at TID's discretion
- TID will prioritize disbursement of water from the Main Drain Pumps based on logistic efficiency to maximize potential irrigation ability within the N Canal and N-12 lateral and drain systems
- Private Well water pumped into TID's system that may be dedicated for Lease Lands irrigation will be subject to TID Policies and the same operational constraints identified above

This plan is based on current projected hydrology, and subject to change due to variable supply, operations complications, or any other reason.

As adopted at the TID Special Board Meeting held on April 27, 2022