



TO: PRRIP WATER ADVISORY COMMITTEE
FROM: PRRIP EXECUTIVE DIRECTOR'S OFFICE
SUBJECT: OCTOBER 2022 WAP LEASING AND RECHARGE PROJECTS UPDATE
DATE: OCTOBER 21, 2022

This document provides a summary of recent activities related to Program water leasing and recharge projects. Unless otherwise specified, reports are based on invoices, data files, or other information provided by the districts.

TBNRD Augmentation Project

Includes 7 new recapture wells near Cottonwood Ranch plus the Cook recapture well

- Reported pumping is cumulative through October 20.
 - Well #1 = 225.6 AF
 - Well #2 = 266.9 AF
 - Well #3 = 226.0 AF
 - Well #4 = 102.6 AF
 - Well #5 = 138.3 AF
 - Well #6 = 305.9 AF
 - Well #7 = 407.2 AF
 - Cook well = 515.4 AF
 - TOTAL = 2187.6 AF

Wells 4 and 5 were shut off on August 25. Wells 1-2-3 and 6 were shut off on or around September 20. All 6 will remain off until pipeline repairs and pressure testing are completed. Well 7 and the Cook well will continue to operate as long as there are shortages at Grand Island and weather conditions permit.

Pathfinder Reservoir

- Municipal Account (capacity = 20,000 AF or 1.87% of Pathfinder ownership)
 - 9,600 AF released from Pathfinder, August 11-18
 - 9,194 AF released from Guernsey, August 26-September 4
 - TBD AF reached Lake McConaughy
- Environmental Account (capacity = 33,493 AF or 3.13% of Pathfinder ownership)
 - 17,680 AF released from Pathfinder, August 11-18 and September 25
 - 16,640 AF released from Guernsey, September 4-21 and September 28
 - TBD AF reached Lake McConaughy



CPNRD Groundwater Recharge and Surface Water Lease Projects

Thirty Mile, Cozad, and Orchard-Alfalfa canals

- **Groundwater Recharge**
 - No recent excess flow diversions for recharge.
- **Surface Water Lease**
 - 14,395 AF credited to Lake McConaughy EA in October after GC approved one-year agreement in September. Negotiations for long-term agreement are ongoing.

NPPD Groundwater Recharge and Surface Water Lease Projects

Gothenburg and Dawson County canals

- **Groundwater Recharge**
 - No recent excess flow diversions for recharge.
- **Surface Water Lease**
 - 3,306 AF credited to Lake McConaughy EA in October after GC approved one-year agreement in September. Negotiations for long-term agreement are ongoing.

CNPPID Recharge Projects

Phelps County Canal, Elwood Reservoir, and Cottonwood Ranch

- **Groundwater Recharge**
 - Phelps, Elwood, Cottonwood Ranch: No recent excess flow diversions for recharge.
- **Surface Water Lease**
 - 868 AF credited to Lake McConaughy EA in October based on 1,157 acres enrolled in the CNPPID irrigator lease.
 - 314 AF credited to Lake McConaughy EA in October from no-cost net controllable conserved water (NCCW).