



TO: PRRIP WATER ADVISORY COMMITTEE
FROM: PRRIP EXECUTIVE DIRECTOR'S OFFICE
SUBJECT: MAY 2024 LEASING, RECHARGE, AND RECAPTURE PROJECTS UPDATE
DATE: MAY 3, 2024

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

TBNRD Augmentation Project

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

- Cumulative pumping for calendar year 2024 (as of April 29).
 - Well #1 = 189.0 AF
 - Well #2 = 216.0 AF
 - Well #3 = 204.3 AF
 - Well #4 = 137.4 AF
 - Well #5 = 148.5 AF
 - Well #6 = 200.5 AF
 - Well #7 = 179.6 AF
 - Cook well = 121.6 AF (estimated)
 - TOTAL = 1,396.9 AF
- Wells #3, #4, and #5 turned on February 16 in response to high groundwater from Cottonwood Ranch recharge.
- Wells #1, #6, and Cook turned on February 21 in response to deficits at Grand Island.
- Well #7 turned on March 11 after obstructions were removed from the drain into which it discharges.
- Cook well shut off on April 1 following meter malfunction.
- Well #2 shut off on April 29 to minimize interference with livestock well in Morse north pasture.

CNPPID Groundwater Recharge and Surface Water Lease Projects

Phelps County Canal, Elwood Reservoir, and Cottonwood Ranch

- Groundwater Recharge – Excess Flow Diversions
 - Total Phelps diversions February 2-12 = 1,498 AF
 - Cottonwood Ranch deliveries = 544.6 AF (February 4-15)
 - Phelps recharge = 715 AF (estimated Program 75% allocation)
- Surface Water Leases
 - No recent activity



NPPD Groundwater Recharge and Surface Water Lease Projects

Gothenburg and Dawson County canals

- Groundwater Recharge
 - No recent excess flow diversions for recharge
- Surface Water Leases
 - No recent activity

CPNRD Groundwater Recharge and Surface Water Lease Projects

Thirty Mile, Cozad, and Orchard-Alfalfa canals

- Groundwater Recharge
 - No longer active Water Action Plan project
- Surface Water Leases
 - No recent activity

Pathfinder Reservoir

- Municipal Account (capacity = 20,000 AF or 1.87% of Pathfinder ownership)
 - Volume = 15,591 AF as of May 1, 2024
 - Estimated volume available for Program leasing TBD
- Environmental Account (capacity = 33,493 AF or 3.13% of Pathfinder ownership)
 - Volume = 9,808 AF as of May 1, 2024