



TO: PRRIP WATER ADVISORY COMMITTEE
FROM: PRRIP EXECUTIVE DIRECTOR'S OFFICE
SUBJECT: AUGUST 2024 LEASING, RECHARGE, AND RECAPTURE PROJECTS
UPDATE
DATE: JULY 23, 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 July 6).
 - Well #1 = 326.9 AF
 - Well #2 = 330.3 AF
 - Well #3 = 353.6 AF
 - Well #4 = 237.1 AF
 - Well #5 = 253.6 AF
 - Well #6 = 360.8 AF
 - Well #7 = 415.1 AF
 - Cook well = 162.8 AF (estimated)
 - TOTAL = 2,440.2 AF
- Wells shut off on July 6 during excess flow event and following thunderstorm that knocked out power to most wells.
- Wells remain off as of July 23 given that many ran continuously during extended period of deficits to USFWS target flows at Grand Island from mid-February to early July.

CNPPID Groundwater Recharge and Surface Water Lease Projects

Phelps County Canal, Elwood Reservoir, and Cottonwood Ranch

- Groundwater Recharge – Excess Flow Diversions
 - Overton 6SE weather station recorded 9.06” of rain at Cottonwood Ranch from July 1-16, including 3.64” on July 1, 2.93” on July 6, and 1.74” on July 16.
 - NeDNR declared excess flows available from July 2-12.
 - Cottonwood Ranch deliveries July 2-7 = 253.4 AF
 - Cottonwood Ranch 2024 cumulative deliveries = 798 AF
 - Thunderstorm on July 6 damaged electronic controls for north outlet valve; repairs in progress.
 - Annual maintenance of Rubicon gates was completed on July 10.
 - No excess flow diversions for recharge in Phelps (except for conveyance to Cottonwood Ranch) or Elwood.
- 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
 - 1-year agreement for leasing up to 3,306 AF at \$90/AF in 2024 approved after June GC meeting. GC will discuss approach to longer-term agreements at September meeting in Kearney.

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 - No longer active Water Action Plan project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
 - 1-year agreement for leasing up to 15,000 AF at \$90/AF in 2024 approved after June GC meeting. GC will discuss approach to longer-term agreements at September meeting in Kearney.

Pathfinder Reservoir

- Municipal Account (capacity = 20,000 AF or 1.87% of Pathfinder ownership)
 - “20 Account” reached capacity of 20,000 AF on June 9.
 - Volume = 19,634 AF as of July 21.
 - Program accepted offer from Wyoming to lease 9,600 AF on May 14.
- Environmental Account (capacity = 33,493 AF or 3.13% of Pathfinder ownership)
 - “34 Account” reached capacity of 33,493 AF on June 11.
 - Volume = 32,880 AF as of July 21, 2024.