



TO: PRRIP WATER ADVISORY COMMITTEE
FROM: PRRIP EXECUTIVE DIRECTOR'S OFFICE
SUBJECT: FEBRUARY 2024 LEASING & RECHARGE PROJECTS UPDATE
DATE: JANUARY 24, 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 2023.
 - Well #1 = 368.5 AF
 - Well #2 = 386.9 AF
 - Well #3 = 375.2 AF
 - Well #4 = 271.8 AF
 - Well #5 = 305.4 AF
 - Well #6 = 458.3 AF
 - Well #7 = 202.9 AF
 - Cook well = 398.5 AF
 - TOTAL = 2,767.5 AF
- No recapture well pumping since October 25, 2023.

CNPPID Groundwater Recharge and Surface Water Lease Projects

Phelps County Canal, Elwood Reservoir, and Cottonwood Ranch

- Groundwater Recharge – Excess Flow Diversions
 - Cumulative excess flow diversions for calendar year 2023
 - Phelps = 410.4 AF (Credit balance for ~49,600 AF)
 - Elwood = 3,172.8 AF (Credit balance for ~131,750 AF)
 - Cottonwood Ranch = 2,293.8 AF (Credit balance for ~28,700 AF)
 - No recent excess flow diversions for recharge.
 - Current Nebraska DNR permit (A-19899) expires March 1, 2024; CNPPID will apply for new permit.
 - Current Water Service Agreements through December 31, 2032.
- Surface Water Leases
 - CNPPID irrigator lease extended for one year through December 31, 2024.
 - 1,053 acres enrolled for 2024.
 - 790 AF will be credited to Lake McConaughy in October 2024.



NPPD Groundwater Recharge and Surface Water Lease Projects

Gothenburg and Dawson County canals

- **Groundwater Recharge**
 - Cumulative net recharge for calendar year 2023 = 252 AF.
 - No recent excess flow diversions for recharge.
 - Current Nebraska DNR permits (A-19900 and A-19901) expire March 1, 2024; NPPD will apply for new permits.
 - Budgeted for up to 5,000 AF of net recharge in 2024.
 - Current Water Service Agreement through December 31, 2025.

CPNRD Groundwater Recharge and Surface Water Lease Projects

Thirty Mile, Cozad, and Orchard-Alfalfa canals

- **Groundwater Recharge**
 - Zero excess flow diversions for recharge in 2023.
 - Zero budget allocated for 2024.
 - Current Water Service Agreement through December 31, 2024 is effectively terminated.

Pathfinder Reservoir

- **Municipal Account (capacity = 20,000 AF or 1.87% of Pathfinder ownership)**
 - Volume = 11,767 AF as of January 21, 2024.
- **Environmental Account (capacity = 33,493 AF or 3.13% of Pathfinder ownership)**
 - Volume = 3,234 AF as of January 21, 2024.