



**TO:** PRRIP WATER ADVISORY COMMITTEE  
**FROM:** PRRIP EXECUTIVE DIRECTOR'S OFFICE  
**SUBJECT:** MAY 2021 WAP LEASING AND RECHARGE PROJECT UPDATES  
**DATE:** MAY 3, 2021

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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.

**CPNRD Groundwater Recharge and Surface Water Lease Projects**

Thirty Mile, Cozad, and Orchard-Alfalfa canals

- Groundwater Recharge
  - No recent recharge diversions at CPNRD canals.
- Surface Water Lease
  - The Program will attempt to negotiate another single-year agreement for 2021.

**NPPD Groundwater Recharge and Surface Water Lease Projects**

Gothenburg and Dawson County canals

- Groundwater Recharge
  - Dawson County Canal diverted January 7-15, resulting in 563 AF of net recharge.
- Surface Water Lease
  - The Program will attempt to negotiate another single-year agreement for 2021.

**CNPPID Groundwater Recharge Projects**

Phelps County Canal, Elwood Reservoir, and Cottonwood Ranch

- Groundwater Recharge
  - Phelps: Recharge diversions to MP 13.3 were made March 15-24. With continued seepage until the start of irrigation operations, recharge credit to the Program through April 14 totaled 1,168 AF.
  - Cook recapture well: Pumped about 67 AF during February and March. Turned on again during shortages on April 20.
  - Elwood: Recharge diversions March 15-24 totaled 2,114 AF for the Program.
  - Cottonwood Ranch: A preliminary analysis of the March 14 and March 22-23 precipitation events indicates that the project filled with over 100 AF from precipitation and runoff. Total precipitation of 4-7" in areas of Phelps, Dawson, and Buffalo counties surrounding the project during this period.



**Cottonwood Ranch Broad-Scale Recharge Project, March 25, 2021.**