

DRAFT FY 2023 PRRIP Water Plan Budget
Prepared 10/17/2022

New Line Item	Task Description	Itemized Description	Unit Cost	Estimated Annual Volume	Units	Estimated Cost*	Notes
WPRT-1	Retiming Projects (Canal Recharge)	Phelps County Canal Recharge	\$ -	0	AF	\$ -	10-year agreement through end of Extension (2023-2032) to be pre-paid in December 2022 with funds made available through Program withdrawal from J-2 Agreement. Cook recapture well costs moved to WPRT-4.
		NPPD Recharge	\$ 35.91	4,300	AF	\$ 155,000.00	WSA through 12/31/2025. Invoiced net recharge 2015-2021 ranged from 563 AF to 9,433 AF, with average of 4,300 AF.
		CPNRD Recharge	\$ 35.91	3,000	AF	\$ 108,000.00	WSA through 12/31/2024, allows up to 5,000 AF total diversion, adjusted for deliveries/releases/spills. No diversions made in 2019, 2021, or 2022. Most recent diversions 2,950 AF in 2020.
	Subtotal WPRT-1 =			7,300	AF	\$ 263,000.00	
WPRT-2	Retiming Projects (Reservoir Recharge)	Elwood Reservoir Recharge	\$ -	0	AF	\$ -	10-year agreement through end of Extension (2023-2032) to be pre-paid in December 2022 with funds made available through Program withdrawal from J-2 Agreement.
WPRT-3	Retiming Projects (Broad-Scale Recharge)	Cottonwood Ranch Broad-Scale Recharge				\$ 72,000.00	Includes Rubicon maintenance and control, site monitoring and maintenance, and power. Assume no water delivery costs until cost of pipeline is exceeded.
WPRT-4	Retiming Projects (Recapture Wells)	Groundwater Recapture Wells				\$ 325,000.00	Includes annual admin, electricity/pumping, maintenance, and easement costs for 7 new recapture wells constructed in 2022 and Cook recapture well, per agreement with TBNRD. Also includes \$200,000 for new tradeoff analysis/feasibility study for expanding recapture by constructing gravity outlet from Elwood Reservoir to Plum Creek and/or expanding the recapture well network.
WPST-1	Storage Leases (Lake McConaughy Sources)	CPNRD Surface Water Lease	\$ 90.00	14,250	AF	\$ 12,825,000.00	Negotiations in progress for potential long-term lease. Average lease volume from 2018-2021 ranged from 14,073 to 14,251 AF, with average of 14,157 AF. Unit cost based on terms of September 2022 WSA, assume extended 10 years, 2023-2032.
		NPPD Surface Water Lease	\$ 90.00	3,306	AF	\$ 2,976,000.00	Negotiations in progress for potential long-term lease. Volume and unit cost based on terms of September 2022 WSA, assume extended for 10 years, 2023-2032.
		CNPPID Storage Water Lease	\$ 90.00	10,000	AF	\$ 9,000,000.00	Negotiations in progress for potential long-term lease. Assume lease volume of 10,000 AF and unit cost of \$90/AF for 10 years, 2023-2032
	Subtotal WPST-1 =			27,556	AF	\$ 24,801,000.00	
WPST-2	Storage Leases (Upstream Sources)	Pathfinder Municipal Account Lease	\$ 65.00	9,600	AF	\$ 624,000.00	Lease contract through 12/31/2032. Maximum annual lease of 9,600 AF.
WPIR-1	Irrigator Leases	CNPPID Irrigator Lease	\$ 100.00	3,000	acres	\$ 310,000.00	Water Leasing Agreement through 12/31/2023. Unit cost \$100/acre. Maximum enrollment of 3,000 acres plus CNPPID administration fee.
WPLW-1	Land for Water Property Maintenance					\$ 21,000.00	Includes fencing and road maintenance, noxious weed control, mowing, electricity, and taxes at Program properties acquired for future water projects.
WPWM-1	Water Monitoring Activities					\$ 38,000.00	Surface, groundwater and weather monitoring in support of Program water operations.
WPCP-1	North Platte Choke Point/State Channel					\$ 10,000.00	As-needed maintenance of the State Channel berm.
WPMT-1	Management Tool (COHYST)					\$ -	As-needed support for COHYST model updates.
WPSA-1	Special Advisors					\$ 20,000.00	Funds for water Special Advisor services (e.g., hydrogeology or civil infrastructure), if needed.
TOTAL =						\$ 26,484,000.00	

* Estimated Costs are rounded to the next \$1,000.00