



WATER OBJECTIVE SUMMARY

MARCH 2020

During the First Increment of the Platte River Recovery Implementation Program (Program), progress toward the Program objectives for Endangered Species Act (ESA) compliance purposes are measured through the achievement of Milestones. The Program's First Increment Water Objective is to achieve at least an average of 130,000 AF per year of shortage reduction to target flows. The three initial state projects (Pathfinder Reservoir Environmental Account, Lake McConaughy Environmental Account, and Tamarack I) were credited with providing the first 80,000 AF of shortage reduction. Milestone #4 calls for implementation of the Water Action Plan (WAP) to provide additional shortage reduction of at least 50,000 AF. The following tables summarize Program progress towards meeting the First Increment Water Objective and associated milestone.

EXISTING WATER PROJECTS

PROJECT	SCORING STATUS	SCORE (AF)	EST. COST (2020-2032)	NOTES	CUMULATIVE SCORE (AF)	CUMULATIVE COST (\$M)
EA Storable Natural Inflow	Complete	80,000	\$-		80,000	\$0
Pathfinder Modification	Complete					
Tamarack I	Complete					
No-Cost NCCW	Complete	260	\$-		80,260	\$0
Phelps County Recharge	Complete	2,860	\$2,086,000	WSA through 2023. Includes Cook recapture well.	83,120	\$2.10
Pathfinder Municipal	Complete	6,350	\$8,112,000	Lease contract through 2032.	89,470	\$10.20
Elwood Recharge	Complete	2,800	\$11,695,000	WSA through 2023.	92,270	\$21.90
CNPPID Irrigator Lease	Complete	1,900	\$8,710,000	Lease agreement through 2023.	94,170	\$30.60
NPPD Groundwater Recharge	Estimated	950	\$2,567,000	WSA through 2025. Score analysis in progress.	95,120	\$33.20
CPNRD Groundwater Recharge	Estimated	1,420	\$2,567,000	WSA through 2024. Score analysis in progress.	96,540	\$35.80
Cottonwood Ranch BSR	Estimated	4,000	\$4,500,000	Construction complete, operations to begin 2020.	100,540	\$40.30
CPNRD Surface Water Lease	Estimated	10,800	\$TBD	Pilot exchange in 2018 and 2019. 2020 lease TBD.	111,340	\$TBD
NPPD Surface Water Lease	Estimated	2,750	\$TBD	Pilot exchange in 2019. 2020 lease TBD.	114,090	\$TBD
	TOTALS	114,090	\$TBD			\$TBD

**POTENTIAL FUTURE WATER PROJECTS**

PROJECT	PROJECT STATUS	EST. SCORE (AF)	EST. COST (2020-2032)	STATUS	CUMULATIVE SCORE (AF)	CUMULATIVE COST (\$M)
Recharge Recapture Project(s)	Pilot	8,000	\$7,000,000	Pilot project design underway, working with Nebraska DNR and Tri-Basin NRD.	122,120	
North Platte Irrigator Lease(s)	Conceptual	2,500	\$TBD	Preliminary discussions.	124,620	
Lakeside Gravel Pit	Shelved	2,800	\$12,000,000	Final design completed late 2019, project shelved per direction of GC.	127,420	
CNPPID NCCW Lease	Conceptual	6,600	\$TBD	Preliminary discussions.	134,020	
	TOTALS	19,900	\$TBD			\$TBD

COMBINED EXISTING AND FUTURE WATER PROJECT SCORE AND COST ESTIMATE

	SCORE (AF)	ESTIMATED COST (2020-2032)
EXISTING WATER PROJECTS	114,090	\$TBD
POTENTIAL FUTURE WATER PROJECTS	19,900	\$TBD
	133,990	\$TBD
APPROXIMATE 2007-2032 WATER BUDGET		\$144.3M
FIRST INCREMENT 2007-2019 WATER PLAN EXPENDITURES		\$49.7M
EXTENSION 2020-2032 WATER BUDGET		\$94.6M