

**WATER OBJECTIVE SUMMARY****MARCH 2019**

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 (2018-2032)	NOTES	CUMULATIVE SCORE (AF)	CUMULATIVE COST (\$M)
EA Storable Natural Inflow	Complete	70,000			70,000	\$0.0
Pathfinder Modification	Complete		\$-			
Tamarack I	Complete	10,000	\$-		80,000	\$0.0
No-Cost NCCW	Complete	260	\$-		80,260	\$0.0
Pathfinder Municipal	Complete	6,350	\$6,400,000	Based on Scoring Subcommittee recommendation	86,610	\$6.4
NPPD Groundwater Recharge	Estimated	1,800	\$1,900,000		88,410	\$8.3
Phelps County Recharge	Complete	2,860	\$3,021,000	Includes costs and score for Cook recapture well	91,270	\$11.3
CPNRD Groundwater Recharge	Estimated	600	\$900,000		91,870	\$12.2
Elwood Recharge	Complete	2,800	\$6,000,000	Based on Scoring Subcommittee recommendation	94,670	\$18.2
Cottonwood Ranch BSR	Estimated	4,000	\$10,000,000	Will be refined when operational data available	98,670	\$28.2
CPNRD Surface Water Transfer	Estimated	12,000	\$30,000,000	Reflects 2018 pilot transfer to EA at current cost	110,670	\$58.2
CNPPID Irrigator Lease	Estimated	1,935	\$8,710,000	Based on 3,000-acre permanent agreement	112,605	\$66.9
TOTALS		112,605	\$66,931,000			

**POTENTIAL FUTURE WATER PROJECTS**

PROJECT	PROJECT STATUS	EST. SCORE (AF)	EST. COST (2018-2032)	STATUS	CUMULATIVE SCORE (AF)	CUMULATIVE COST (\$M)
Recharge Recapture Project(s)	Conceptual	8,000	\$7,000,000	Conceptual design. Implementation in 2020	120,605	\$73.9
NPPD Surface Water Transfer	Conceptual	600	\$1,200,000	Preliminary discussions	121,205	\$75.1
North Platte Irrigator Lease(s)	Conceptual	2,500	\$5,900,000	Preliminary discussions	123,705	\$81.0
Lakeside Slurry	Final Design	2,800	\$10,000,000	Final design	126,505	\$91.0
CNPPID NCCW Lease	Conceptual	2,800	\$11,000,000	Preliminary discussions	129,305	\$102.0
TOTALS		16,700	\$35,100,000			

COMBINED EXISTING AND FUTURE WATER PROJECT SCORE AND COST ESTIMATE

	SCORE (AF)	ESTIMATED COST (2018-2032)
EXISTING WATER PROJECTS	112,605	\$66,931,000
POTENTIAL FUTURE WATER PROJECTS	16,700	\$35,100,000
	129,305	\$102,031,000
APPROXIMATE 2018 - 2032 WATER BUDGET		\$85,000,000