

**WATER OBJECTIVE SUMMARY****SEPTEMBER 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	80,000	\$-		80,000	\$0.00
Pathfinder Modification	Complete					
Tamarack I	Complete					
No-Cost NCCW	Complete	260	\$-		80,260	\$0.00
Pathfinder Municipal	Complete	6,350	\$7,170,000	Score approved 9/2018. Cost reflects avg releases.	86,610	\$7.20
NPPD Groundwater Recharge	Estimated	1,800	\$2,312,000		88,410	\$9.50
Phelps County Recharge	Complete	2,860	\$1,606,000	Includes costs and score for Cook recapture well	91,270	\$11.10
CPNRD Groundwater Recharge	Estimated	600	\$1,130,000		91,870	\$12.20
Elwood Recharge	In Progress	2,800	\$8,165,000	Scoring Subcommittee recommended score	94,670	\$20.40
Cottonwood Ranch BSR	Estimated	4,000	\$10,000,000	Will be refined when operational data available	98,670	\$30.40
CPNRD Surface Water Transfer	Estimated	10,800	\$21,142,000	Reflects lower cost during Extension	109,470	\$51.50
CNPPID Irrigator Lease	Complete	1,900	\$9,532,000	Score approved 6/2019.	111,370	\$61.00
NPPD Surface Water Transfer	Estimated	2,750	\$3,932,000	Based on 3,121 AF max annual transfer	114,120	\$64.90
	<b>TOTALS</b>	<b>114,120</b>	<b>\$64,989,000</b>			

**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	122,120	\$71.90
North Platte Irrigator Lease(s)	Conceptual	2,500	\$5,900,000	Preliminary discussions	124,620	\$77.80
Lakeside Gravel Pit	Final Design	2,800	\$10,000,000	Final design	127,420	\$87.80
CNPPID NCCW Lease	Conceptual	6,600	\$8,991,000	Preliminary discussions	134,020	\$96.80
	<b>TOTALS</b>	<b>19,900</b>	<b>\$31,891,000</b>			

**COMBINED EXISTING AND FUTURE WATER PROJECT SCORE AND COST ESTIMATE**

	SCORE (AF)	ESTIMATED COST (2018-2032)
<b>EXISTING WATER PROJECTS</b>	<i>114,120</i>	<i>\$64,989,000</i>
<b>POTENTIAL FUTURE WATER PROJECTS</b>	<i>19,900</i>	<i>\$31,891,000</i>
	<b>134,020</b>	<b>\$96,880,000</b>
<b>APPROXIMATE 2018 - 2032 WATER BUDGET</b>		<b>\$85,000,000</b>