

**WATER OBJECTIVE SUMMARY****DECEMBER 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 (2020-2032)	NOTES	CUMULATIVE SCORE (AF)	CUMULATIVE COST (\$M)
EA Storable Natural Inflow	Complete	80,000	\$-		80,000	
Pathfinder Modification	Complete					
Tamarack I	Complete					
No-Cost NCCW	Complete	260	\$-		80,260	
Phelps County Recharge	Complete	2,860	\$2,086,000	WSA through 2023. Includes Cook recapture well.	83,120	
Pathfinder Municipal	Complete	6,350	\$8,112,000	Lease contract through 2032.	89,470	
Elwood Recharge	Complete	2,800	\$11,695,000	WSA through 2023.	92,270	
CNPPID Irrigator Lease	Complete	1,900	\$8,710,000	Lease agreement through 2023.	94,170	
NPPD Groundwater Recharge	Estimated	1,800	\$2,567,000	WSA through 2025.	95,970	
CPNRD Groundwater Recharge	Estimated	600	\$2,567,000	WSA through 2024.	96,570	
Cottonwood Ranch BSR	Estimated	4,000	\$10,000,000	Construction complete, operations to begin 2020.	100,570	
CPNRD Surface Water Lease	Estimated	10,800	\$TBD	Pilot exchange in 2018 and 2019.	111,370	
NPPD Surface Water Lease	Estimated	2,750	\$TBD	Pilot exchange in 2019.	114,120	
	<b>TOTALS</b>	<b>114,120</b>	<b>\$TBD</b>			<b>\$TBD</b>

**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)	Conceptual	8,000	\$7,000,000	Conceptual design. Nebraska DNR may develop.	122,120	
North Platte Irrigator Lease(s)	Conceptual	2,500	\$TBD	Preliminary discussions	124,620	
Lakeside Gravel Pit	Final Design	2,800	\$12,000,000	Final design	127,420	
CNPPID NCCW Lease	Conceptual	6,600	\$TBD	Preliminary discussions	134,020	
	<b>TOTALS</b>	<b>19,900</b>	<b>\$TBD</b>			<b>\$TBD</b>

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

	SCORE (AF)	ESTIMATED COST (2018-2032)
<b>EXISTING WATER PROJECTS</b>	114,120	\$TBD
<b>POTENTIAL FUTURE WATER PROJECTS</b>	19,900	\$TBD
	<b>134,020</b>	<b>\$TBD</b>
<b>APPROXIMATE 2020 - 2032 WATER BUDGET</b>		<b>\$TBD</b>