Water Supply Benefits
Phase II – Mid-Term Projects (11-25 Years)

	Overall Supply (Drought Year – 2005)		Additional Muni supply	Flow (Drought Year – 2005)			
	TWSA (estimated or assumed)	**% Proration**	**Add'l volume supplied**	**April-Sept. flow @ Parker**	**April-Sept. flow @ Yakima Mouth**	**July-Oct. flow @ Umtanum**	**Flow Benefits**
Phase I Benefits	266-325 KAF increase (an additional 20-50 KAF redistributed through water marketing)	21-26% increase	5-10 KAF increase	Large Increase (203 KAF)	Large increase (141 KAF)	Large decrease (47-125 KAF)	Improve flows through Bumping River, Naches River, portions of upper and lower Yakima River, and upper Yakima tributaries
Additional Water Conservation	15-54 KAF increase	2-4% increase	n/a	Increase (3 KAF)	Small increase	Small decrease	Increased flow in portions of Yakima and Naches Rivers
Municipal Conservation	To be determined	n/a	To be determined	n/a	n/a	n/a	Assume conserved water used for growth
Draw water from inactive storage (200 KAF used)	66 KAF increase	7% increase	n/a	Increase (33 KAF)	Increase (33 KAF)	Small increase	Improve flow in portions of Yakima River
Water markets and water banking	0 (Redistribute 40-80 KAF to water right buyers)	0	n/a	No change	No change	Small increase	
Additional ground water infiltration (total 80-100 KAF)	50-60 KAF	4-5% increase	n/a	No change or slight increase	No change	Increase (25-30 KAF)	Small reduction in flip-flop releases, improve flow in some tribs (Wilson/Naneum), potential temperature improvements in lower Yakima
COMBINED BENEFITS OF PHASE I & II PROJECTS	**397-505 KAF increase (an additional 60-130 KAF redistributed through water marketing)**	**32-40% increase**	**5-10 KAF increase**	**Large Increase (239 KAF)**	**Large increase (174 KAF)**	**Decrease (17-80 KAF)**	**Improve flows through Bumping River, Naches River, portions of upper and lower Yakima River, and upper Yakima tributaries**