

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

	Estimated Water Supply Increase (TWSA)			Estimated Flow Benefits for 1994 (3 rd Year of Drought)			
	1992	1993	1994	April-Sept. flow @ Parker	April-Sept. flow @ Yakima Mouth	July-Oct. flow @ Umtanum	Flow Benefits
Phase I Benefits	129-159 KAF (+20-50 KAF through water marketing)	36-66 KAF (+20-50 KAF through water marketing)	232-262 KAF (+20-50 KAF through water marketing)	Large increase (125-205 KAF)	Large increase (Approx. 70-150 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	59 KAF	26 KAF	8 KAF	Small increase (4 KAF)	Small increase	Small decrease	Increased flow in portions of Yakima and Naches Rivers
Draw water from inactive storage (200 KAF used)	0	0	66 KAF	Increase (33 KAF)	Increase (33 KAF)	Small increase	Improve flow in portions of Yakima River
Additional water markets and water banking (total 60- 130 KAF)	0 (Redistribute 40-80 KAF additional to water right buyers)	0 (Redistribute 40-80 KAF additional to water right buyers)	0 (Redistribute 40-80 KAF additional to water right buyers)	0	0	Small increase	
Additional ground water infiltration (total 80-100 KAF)	50-60 KAF additional	50-60 KAF additional	50-60 KAF additional	No change or small increase	0	Small decrease	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	238-268 KAF (+60-130 KAF through water marketing)	122-172 KAF (+60-130 KAF through water marketing)	366-386 KAF (+60-130 KAF through water marketing)	Large increase (162-242 KAF)	Large increase (Approx. 105- 185 KAF)	Large decrease (47-125 KAF)	Improve flows through Bumping River, Naches River, portions of upper and lower Yakima River, and upper Yakima tributaries