

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	139-169 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 (Approx. 120 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 (5 KAF)	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	248-278 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 (Approx. 120 KAF)	Improve flows through Bumping River, Naches River, portions of upper and lower Yakima River, and upper Yakima tributaries