

Water Supply Benefits
Phase III – Long Term Projects (26+ Years)

| | Overall Supply (Drought Year – 2005) | | | Additional Muni supply | Flow (Drought Year – 2005) | | | |
|--|--|------------------------|---------------------------------------|--------------------------|-------------------------------------|-------------------------------------|---|--|
| | TWSA (estimated or assumed) | % Proration | Carryover volume | Add'l volume supplied | April-Sept. flow @ Parker | April-Sept. flow @ Yakima Mouth | July-Oct. flow @ Umtanum | Flow Benefits |
| Phase I & II Combined Benefits | 437-555 KAF increase (an additional 60-130 KAF redistributed through water marketing) | 35-44% increase | 115-165 KAF increase | 5-10 KAF increase | Large Increase (229 KAF) | Large increase (164 KAF) | Large decrease (Approx. 200 KAF) | Improve flows through Bumping River, Naches River, portions of upper and lower Yakima River, and upper Yakima tributaries |
| Pump water from Columbia River (50-250 KAF) | 33-167 KAF increase | 3-12% increase | 0 (if all water used for TWSA & flow) | n/a | Increase (17-83 KAF) | Increase (17-83 KAF) | 0 | Improve flow in portions of Yakima River |
| COMBINED BENEFITS OF PHASE III PROJECTS | 470-722 KAF increase (an additional 60-130 KAF redistributed through water marketing) | 38-56% increase | 115-165 KAF increase | 5-10 KAF increase | Large Increase (246-312 KAF) | Large increase (181-247 KAF) | Large decrease (Approx. 200 KAF) | Improve flows through Bumping River, Naches River, portions of upper and lower Yakima River, and upper Yakima tributaries |