

Project Description	Water User	Type of Water User		Type of Project					Diversion Area	Water Conservation (ac-ft/yr)	Cost	Cost/AF
		Proratable	Non-proratable	Lining/Piping	On-farm Conservation	Storage/Re-reg	Automation/Water Management	Pump Exchange				
YRBWEP Projects												
Phase I (Check replacement with automated gates, 3 re-reg reservoirs, and SCADA system)	Sunnyside Division	✓	✓			✓	✓		Middle Yakima	29,100	\$ 45,000,000	\$ 1,546
Phase II (Piping of 68 laterals)	Sunnyside Division	✓	✓	✓					Middle Yakima	25,500	\$ 68,800,000	\$ 2,698
Pressure distribution system conversion & change in point of diversion	Benton Irrigation District	✓						✓	Middle Yakima	6,870 (Note 1)	\$ 28,800,000	\$ 4,192
										<i>Subtotal</i>	\$ 142,600,000	
Enhanced Conservation Projects												
Piping high-loss laterals (70 mi), 2 re-reg reservoirs, and North & South Branch Canal automation	Kittitas Reclamation District	✓		✓		✓	✓		Upper Yakima	48,500	\$ 36,900,000	\$ 761
Replace leaky Main Canal lining	Kittitas Reclamation District	✓		✓					Upper Yakima	2,000	\$ 3,110,000	\$ 1,555
Canal piping (2 mi)	Westside Irrigation	✓		✓					Upper Yakima	600	\$ 456,000	\$ 760
Rill to sprinkler conversion (3300 ac)	Westside Irrigation	✓	✓			✓			Upper Yakima	3,300	\$ 8,555,000	\$ 2,592
Rill to sprinkler conversion (7100 ac)	Ellensburg Water Company		✓			✓			Upper Yakima	7,100	\$ 18,405,000	\$ 2,592
Johnson Drain Pump & VFD Installation	Cascade Irrigation District		✓				✓		Upper Yakima	2,088	\$ 342,000	\$ 164
Rill to sprinkler conversion (9000 ac)	Cascade Irrigation District		✓			✓			Upper Yakima	9,000	\$ 23,331,000	\$ 2,592
Canal piping (4800 ft)	Bull Canal Company		✓	✓					Upper Yakima	639	\$ 560,000	\$ 876
Rill to sprinkler conversion (680 ac)	Bull Canal Company		✓			✓			Upper Yakima	680	\$ 1,763,000	\$ 2,593
Re-reg reservoir	Roza Irrigation District	✓					✓		Middle Yakima	13,700	\$ 15,500,000	\$ 1,131
Construct pump station to move point of diversion 11 mi downstream	Union Gap Irrigation District	✓	✓					✓	Middle Yakima	5,600	\$ 16,500,000	\$ 2,946
Canal piping (4 mi)	Union Gap Irrigation District	✓	✓	✓					Middle Yakima	200	\$ 518,000	\$ 2,590
Granger (Satus) pumping plant	Wapato Irrigation Project	✓	✓					✓	Middle Yakima	Note 2	\$ 24,100,000	
Equip turnouts with water measuring devices (3500 total)	Wapato Irrigation Project	✓	✓				✓		Middle Yakima	14,700	\$ 7,271,000	\$ 495
Bench Unit Rereg Reservoir (370 AF)	Wapato Irrigation Project	✓	✓			✓			Middle Yakima	700	\$ 571,000	\$ 816
Voluntary incentive-based irrigation improvement program	Wapato Irrigation Project	✓	✓			✓			Middle Yakima	32,500	\$ 23,392,000	\$ 720
Satus East and Satus West Canal lining	Wapato Irrigation Project	✓	✓	✓					Middle Yakima	4,600	\$ 6,315,000	\$ 1,373
Lateral 4 Ext lining and corresponding sublaterals lining or piping	Wapato Irrigation Project	✓	✓	✓					Middle Yakima	3,400	\$ 6,171,000	\$ 1,815
Track Lateral lining and water structure replacement	Wapato Irrigation Project	✓	✓	✓					Middle Yakima	5,100	\$ 9,412,000	\$ 1,845
Spencer Lateral improvement (10.5 mi)	Wapato Irrigation Project	✓	✓	✓					Middle Yakima	1,300	\$ 2,612,000	\$ 2,009
West Highline Canal lining (24.5 mi)	Wapato Irrigation Project	✓	✓	✓					Middle Yakima	5,900	\$ 16,822,000	\$ 2,851
Unit 2 Pump Canal lining (15 mi)	Wapato Irrigation Project	✓	✓	✓					Middle Yakima	5,200	\$ 16,261,000	\$ 3,127
East Highline Canal lining or piping (12000 ft)	Wapato Irrigation Project	✓	✓	✓					Middle Yakima	700	\$ 2,612,000	\$ 3,731
Pipe former Outlook Irrigation District (5 mi)	Sunnyside Valley Irrigation District	✓	✓	✓					Middle Yakima	4,265	\$ 1,401,000	\$ 328
Complete pressurized system conversion	Kiona Irrigation District		✓	✓					Lower Yakima	4,124	\$ 4,754,000	\$ 1,153
Canal piping (300 ac)	Nile Valley Ditch Association		✓	✓					Naches	395	\$ 518,000	\$ 1,311
Re-reg reservoir (55 AF) and lining/piping of Main Canal, and No 1, No 2, and No 3 Laterals	Naches-Selah Irrigation District	✓	✓	✓		✓			Naches	8,675	\$ 32,374,000	\$ 3,732
Change point of diversion to Wapatox Ditch diversion	Naches-Selah Irrigation District	✓	✓					✓	Naches	15,000	\$ 17,500,000	\$ 1,167
Pressure distribution system conversion	South Naches Irrigation District		✓	✓					Naches	9,733	\$ 10,029,000	\$ 1,030
										<i>Subtotal</i>	\$ 308,055,000	
										Total	\$ 450,655,000	

Note 1 - Pump exchange portion of this project does not conserve additional water but will increase flows by 58 cfs for 72 miles starting at Parker.

Note 2 - This project does not conserve water but will increase flows by 50 cfs for 40 miles starting at Parker.