

Conservation Report 2010

Laterals converted to underground pipelines

non 2025 projects	
1.48.9 lto 5 th	\$ 38,526
2 P1N 4.8 lto	\$ 9,820
3. CW 0.3	\$124,080
. total	\$172,426

2025 ltos in 2010

1. Pump 4 East & North	\$ 82,174
2. WR 1.1 (44.2)	\$ 44,822
total	\$170,634
343,060	

Grand Total Pipelines

A total of \$50,000 of 2025 funds were received in 2010 and used to purchase material for 2025 projects Pump 4 & WR1.1. Pump 4 was completed and put into service in 2010. WR 1.1 which replaced 44.2 lateral was started in the fall and will be put in service for the 2011 watering season. Funding was received from 2025 funds, Irrigator contribution, Irrigation District conservation funds, and 2010 Operations and Maintenance funds.

The Courtland 5th 48.9 was completed and put into service immediately before watering season. It was buried under the Districts 70-30 plan and serves 2 different landowners. It eliminated a waste way and one landowner installed a center pivot, which crosses the pipeline. The other landowner received improved pressure to his gated pipe operation improving his efficiency. Pump 1 North 4.8 lateral was a short lateral serving a single user and allowed him enough head to convert from open ditch to gravity fed gated pipe. It was buried under the 70-30 plan. Courtland West 0.3 was negotiated with the landowners. When the district was initially rejected for WaterSMART funds 1.4 project was completed with funds set aside for WaterSMART cost share.

Total miles of lto converted to pipeline in 2010 – 5.6 Total miles to date 78.6

Screened turnouts installed

Ridge 0.3	\$ 12,556
Ridge 1.3-L	\$ 6,799
White Rock 13.0-1.7 Right	\$ 1,397
CW 10.6	\$ 3,979
U5th 50.7 1.5	\$ 2,998
CW 48.8 – 0.6	\$ 3,316
M 2.8 -	\$ 3,219
WR 1.7	\$ 1,539
WREX 9.5	\$ 5,716
U5th 50.7-2.2	\$ 2,119

Total \$ 43,638

Grand Total Conservation Expense \$ 386,698

There were 9 pivots installed for the 2010 irrigation season Bringing the district total to 205 pivots in operation for the 2010 season. Of the 9 mentioned, only 1 was with assistance from the USDA EQIP program. We estimate a pivot installation at \$65,000 each or \$585,000 in on farm conservation from pivot installation in 2010.