

2020 Water System & Resources Plan

The WSRP is a 25-year strategy integrating investments for sustainable water resources with the infrastructure necessary to ensure high quality water service is provided now and in the future. PWP combined a long term resources plan and an infrastructure master plan. This comprehensive document provides a holistic view of the entire operation from the source to the customers' tap. Sound resources policies, prudent financial management and solid engineering combined as total stewardship of water.

WATER DISTRIBUTION

- Replace 172 miles of pipes at 7.5 miles/year by 2045
- Upgrade boosters, meters, services



OTHER WATER FACILITIES

- Customer billing system
- Water quality lab
- Software and hardware
- Site security
- Buildings & grounds

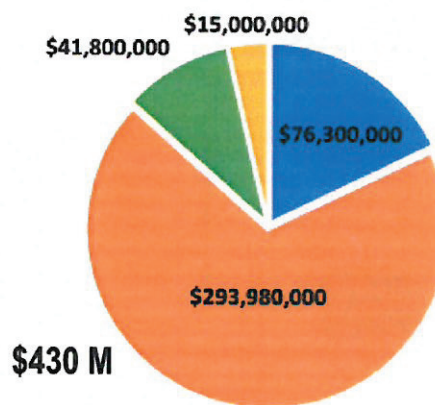
WATER STORAGE

- Replace/major repair of 8 reservoirs
- Minor repairs of 4 reservoirs

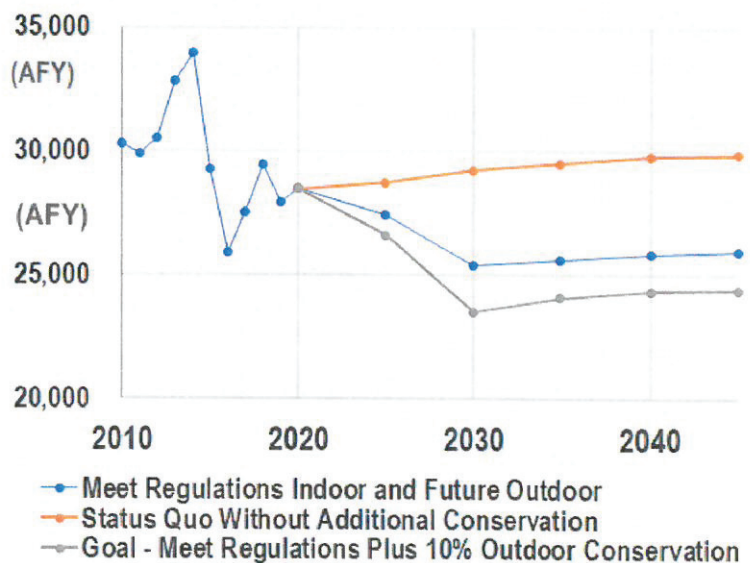


WATER SUPPLY & PRODUCTION

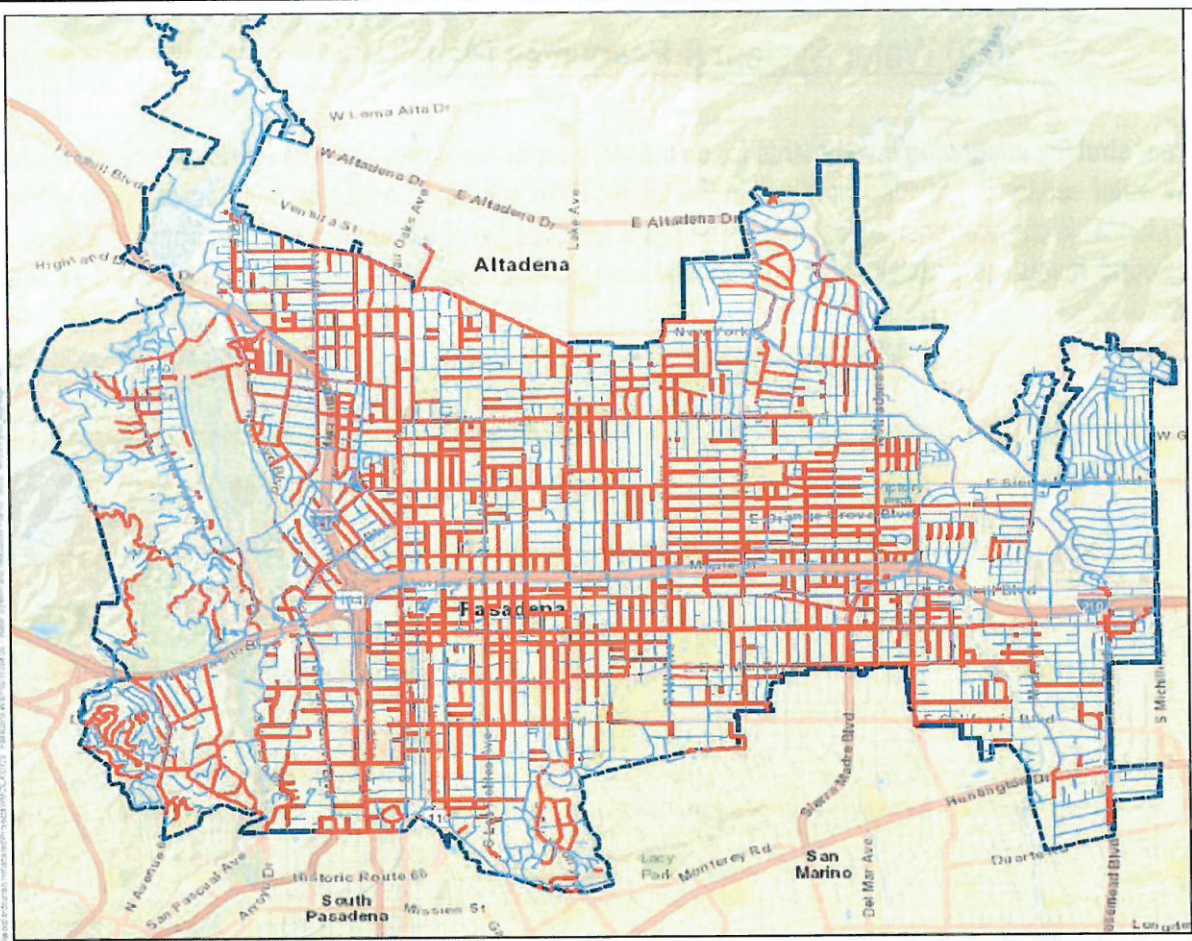
- Groundwater vs. imported water
- Match water quality to use
- Repair & replace wells
- Treatment for water quality
- Capture stormwater
- Conservation programs
- Watershed management



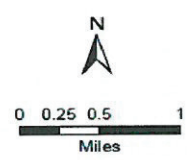
The WSRP program will cost \$430 million by the year 2045. The WSRP enables PWP to catchup through the replacement of 100-year old infrastructure, decrease dependency on imported water, capture stormwater on a larger scale, strengthen the groundwater basin, provide resilient distribution system and reliable supply during emergencies (earthquakes) and water restrictions.



For more information go to:
www.PWPweb.com/WSRP.



Pasadena Water and Power Water System and Resources Plan



Legend

Pipeline Age

- 80 years or older
- <80 years old
- PWP Service Area



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Map Created: June 2019

Simplified Schematic of the Water System

