

Our Future Water Supply

Tualatin Valley Water District (TVWD) and the City of Hillsboro, collectively referred to as the Partners, have identified the Willamette Water Supply system as the best option for future delivery of drinking water to their service areas in Washington County. Development of the Willamette Water Supply system is being led by the Partners.

Other water providers in the region are also looking at their options for future participation. The mid-Willamette River at Wilsonville will be the new water supply source for the Willamette Water Supply system. Although current demands are met through other sources, the addition of a new source will provide improved water supply reliability and system resiliency. Developing an additional water supply through a partnership supports the region's plans for responsible growth within urban growth boundaries.

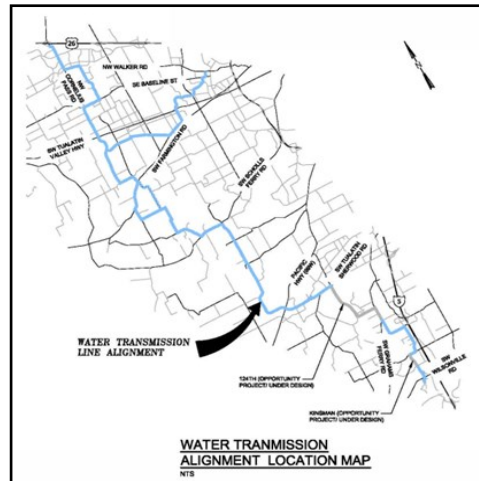
Willamette Water Supply

Our Reliable Water

Monthly Progress Report

May 2016

Preliminary Design Nearing Completion



The Willamette Water Supply Program (WWSP) Preliminary Design project, which began in 2013 to assist in defining the WWSP pipeline corridor and reservoir sites, has produced a project summary report,

preliminary pipeline alignment and reservoir drawings, cost estimate, and pipeline design guide. Using this information, the water supply team prepared a pipeline packaging plan, initial baseline cost estimate, and a WWSP pipeline design guide. These documents were used to procure design consultants for the Tualatin-Sherwood Area Pipeline Project and the South Hillsboro Area Pipeline Project. In May, the water supply team presented the final draft Preliminary Design documents to the cities of Tigard, Beaverton, and Tualatin, which contributed funding. Once feedback is collected from representatives from these cities and WWSP internal reviewers, the Preliminary Design documents will be completed—concluding the preliminary design phase for pipelines and reservoirs.

Survey Access to Properties

Although much of the pipeline is anticipated to be placed within existing public rights of way, in some areas constructing the pipeline and related facilities may require temporary or permanent access to properties outside of the public right of way. To support the design and permitting processes and development of mitigation plans, the water supply team will be performing environmental, cultural, and geotechnical surveys on properties located outside of the right of way. Beginning in the spring of 2016, the WWSP team initiated outreach to property owners, including individuals, organizations, and local businesses and governments, to request permission to enter the properties to complete the surveys. The water supply team will continue to seek rights of entry

from property owners throughout the spring and summer.



Procurement / Business Opportunities

WWSP staff are preparing for several professional services and construction contractor procurements in the upcoming year. For this effort, the team is maintaining a procurement forecast schedule that is featured in this section of the monthly report. In addition, business outreach events will be scheduled and hosted by the WWSP to communicate opportunities for businesses to support delivery of the WWSP. Check back here periodically or visit our website www.ourreliablewater.org for future events and procurements and discover how the WWSP is benefitting the local economy. Listed below are active procurements and upcoming events and procurements for 2016.

Active Procurements

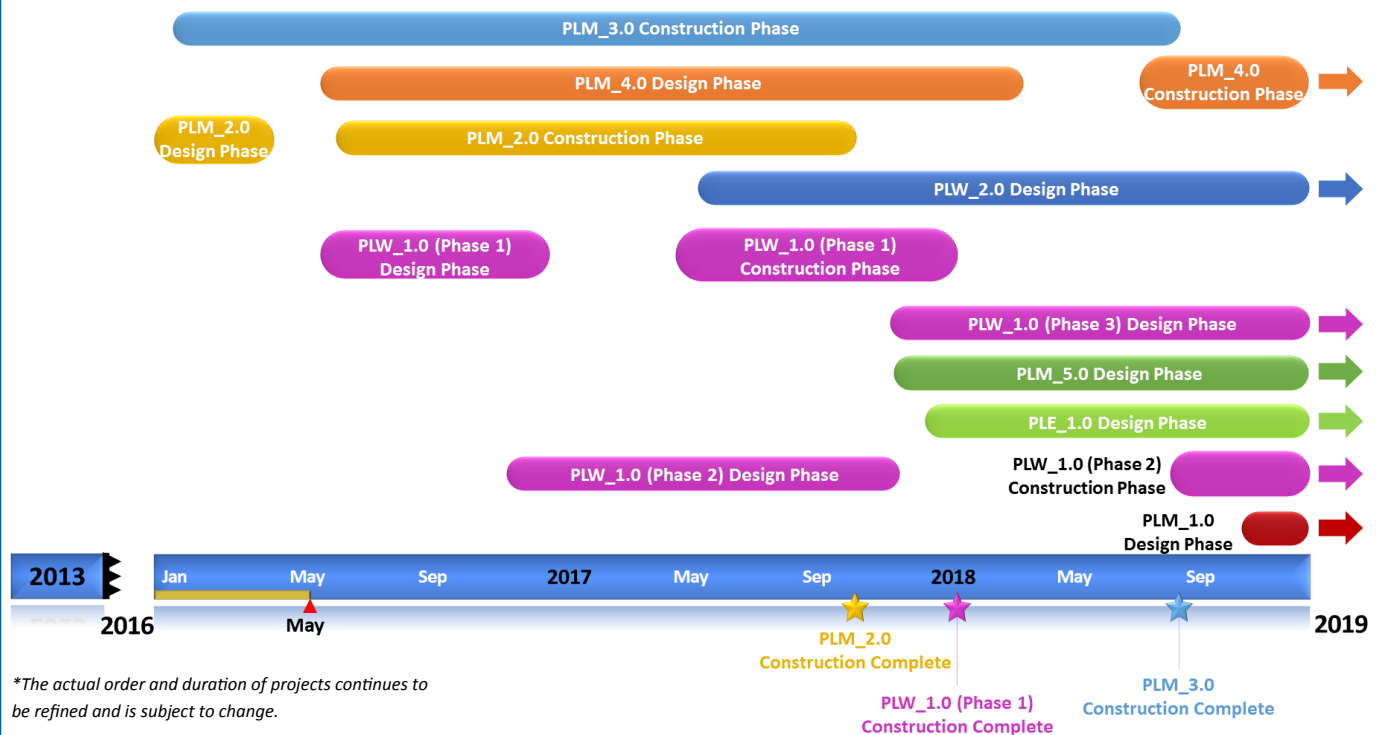
- None

Upcoming Events & Procurements

- Request for Qualifications (RFQ) for pipeline construction contractors (Quarter 2 or 3 2016)
- Request for Proposal (RFP) for land surveying support services (Quarter 2 or 3 2016)
- RFP for real estate support services (Quarter 2 or 3 2016)

Schedule Summary

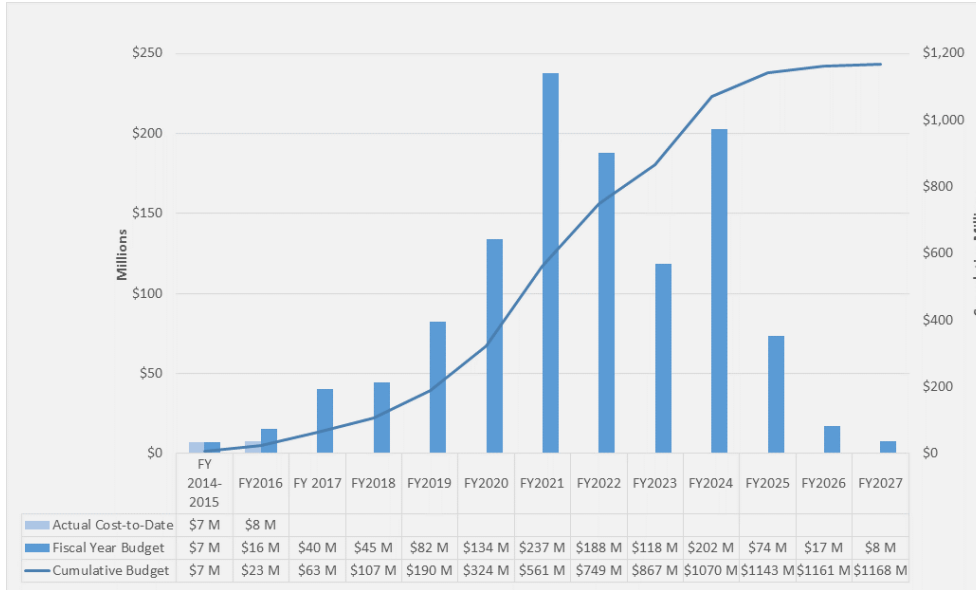
Work on the WWSP design and planning began in 2013 and the WWSP is expected to be in service by July 2026. Below are the major milestones and activities completed and forecasted on the WWSP from 2016-2019*. The WWSP team is committed to on-time delivery. See page 4 for descriptions of the referenced projects below.



*The actual order and duration of projects continues to be refined and is subject to change.

Forecast Cost Summary

The graph below illustrates the projected cash flow by fiscal year (FY July 1 - June 30) for WWSP*. The cumulative cash flow establishes the budgeted \$1.2 billion, which accounts for actual and current projected costs, including projected escalation in the cost of labor, materials, and equipment required to build the projects that comprise the WWSP.



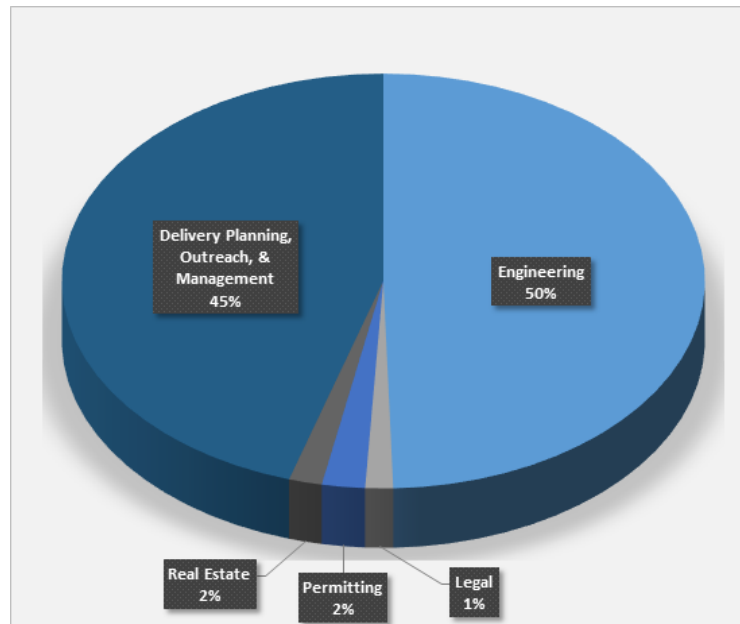
Forecasted costs for FY 2016 are \$16 million. Cumulative Program costs are projected to be \$23 million through the end of FY 2016.

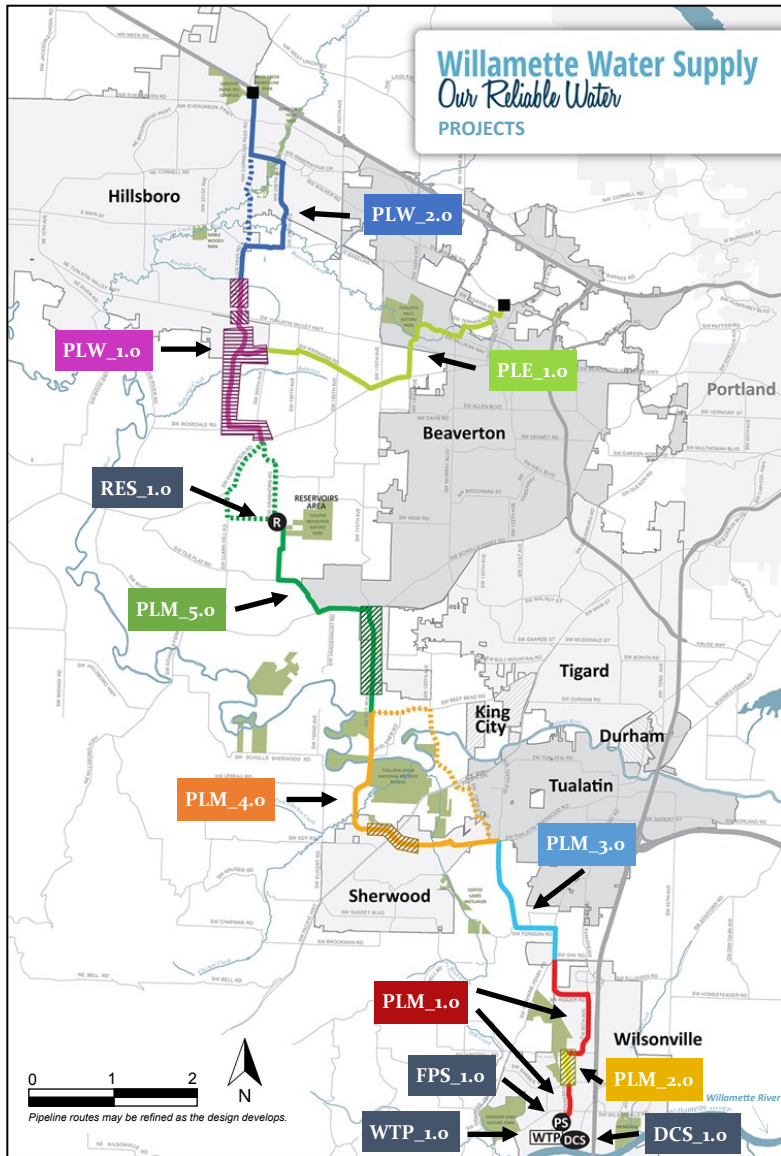
*Data continues to be refined and is subject to change.

Cumulative Cost Summary

Cumulative costs for the WWSP are tracked and updated monthly. The pie chart below summarizes the distribution of cumulative costs through April 2016.

Cumulative cost to date is approximately \$15 million, with the majority spent on planning and engineering activities.





PLW_2.0 Cornelius Pass Pipeline Project
(Frances Road to Highway 26)

Description: 4.4-mile water pipeline along Cornelius Pass Rd. from Frances Rd. to Hwy 26; connects to existing supply lines for City of Hillsboro and TVWD. A partial alternate route is under consideration.

Status: Planning Phase (Design Start: 06/2017)

PLW_1.0 South Hillsboro Area Pipeline Project
(Farmington Road to Frances Road)

Description: 3.9-mile water pipeline from SW Farmington Rd. at SW 209th Ave. to Cornelius Pass Rd. at Frances Rd.; also east on Kinnaman Rd. between Cornelius Pass Rd. and 209th Ave.

Status: Planning Phase (Design Start: 06/2016)

PLE_1.0 Beaverton Area Pipeline Project
(SW 209th Avenue to Walker Road)

Description: 5.5-mile water pipeline from SW 209th Ave. at Kinnaman Rd. to SW Cedar Hills Blvd.; connects to existing TVWD system.

Status: Planning Phase (Design Start: 01/2018)

RES_1.0 South Beaverton Area Water Storage Tanks
(Storage Tanks)

Description: Two 15-million gallon storage tanks located in the Cooper Mountain area.

Status: Planning Phase (Design Start: 05/2019)

PLM_5.0 Scholls Area Pipeline Project
(Beef Bend Road to Farmington)

Description: 7.2-mile water pipeline from SW Roy Rogers Rd. at SW Beef Bend Rd. to SW Farmington Rd. at SW 209th Ave. A partial alternate route is under consideration.

Status: Planning Phase (Design Start: 12/2017)

PLM_4.0 Tualatin-Sherwood Area Pipeline Project
(SW 124th Avenue to Beef Bend Road)

Description: 4.8-mile water pipeline from 124th Ave. at SW Tualatin Sherwood Rd. to SW Roy Rogers Rd. at SW Beef Bend Rd.

Status: Planning Phase (Design Start: 06/2016)

PLM_3.0 124th Avenue Partnership Project
(SW 124th Avenue Extension)

Description: 2.7-mile water pipeline from SW Garden Acres Rd. at Day Rd. to 124th Ave. at SW Tualatin Sherwood Rd.

Status: Construction Phase (Complete: 09/2018)

PLM_2.0 Kinsman Road Partnership Project
(Kinsman Road Extension)

Description: 0.5-mile water pipeline along Kinsman Rd. between Barber Rd. and Boeckman Rd.

Status: Design Phase (Construction Bid: 05/2016)

PLM_1.0 Wilsonville Area Pipeline Project
(WTP to Day Road)

Description: 3.0-mile water pipeline from WWSP WTP to intersection of SW Garden Acres Rd. at Day Rd.

Status: Planning Phase (Design Start: 10/2018)

WTP_1.0 Willamette River Water Treatment Plant Expansion
(Water Treatment Plant (WTP) Expansion)

FPS_1.0 *Description:* 60 million gallon per day expansion of existing Willamette River Water Treatment Plant (WTP_1.0), including a finished water pump station (FPS_1.0) and control system (DCS_1.0) located on Arrowhead Creek Ln.

DCS_1.0 *Status:* Planning Phase (Design Start: 02/2020)

For more information about the WWSP, visit www.ourreliablewater.org or call 503.941.4570.

This is a monthly progress report. Previous reports can be found at www.ourreliablewater.org.