

Project Number: 4107

Project Name: Meridian Pump Station Upgrade

Project Description: Existing pump station and controls are housed in an underground vault with access limitations. Meridian pump station upgrades include installing new larger capacity pumps, telemetry, controls, and relocated pump station building.

Map:



Project Justification: Replace an aging pump station, increase pumping efficiency to reduce energy costs and also provide additional flexibility in filling the 1 million gallon reservoir that serves the 410 pressure zone. The original pump station was constructed in 1990 and much of the associated equipment is at the end of its useful life. In addition, relocating the pump station equipment to an above ground structure will reduce maintenance costs and improve staff access to a structure that is currently rated as a confined space entry. The reconstructed pump station will serve some portion of the South Cooper Mountain expansion and may be called on to serve some portion of the Tigard expansion.

Project Status: FY15-16: Complete preliminary design. FY16-17: Begin land use and final design. FY17-18: Complete final design and bidding. FY18-19: Complete construction.

Estimated Date of Completion: 6/30/2019

First Year Budgeted: FY13/14

Estimated Project Cost: \$1,500,000

New Project:

Funding Data:

<u>Project No.</u>	<u>Fund No.</u>	<u>Fund Name</u>	<u>Amount</u>	<u>FY</u>
4107	3631	Meridian Pump Station Replacement, Bonded	\$200,000	FY2017/18
Total for FY:			\$200,000	