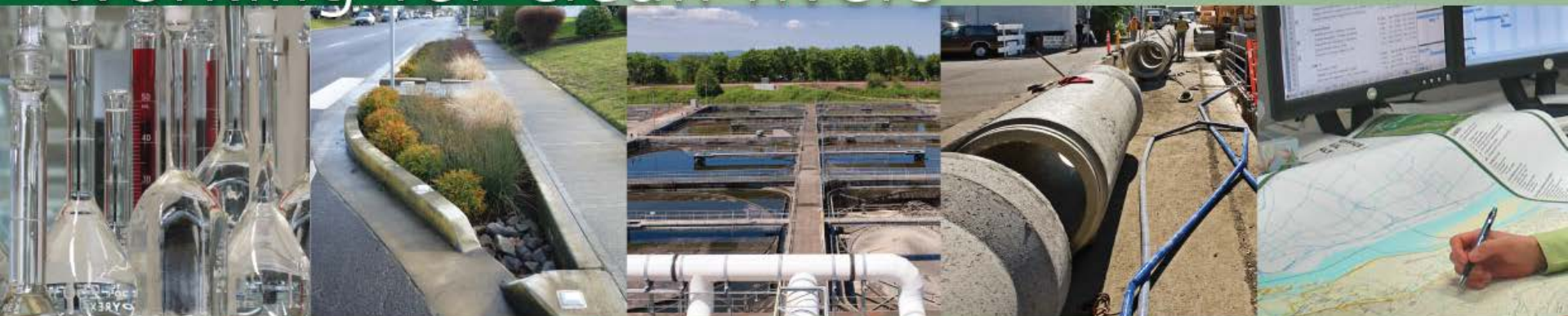


working for clean rivers



Airport Way 1 Pump Station Improvements & AW03 Forcemain Repair

Council Item No. 1148

Scott T. Gibson, P.E., Principal Engineer

Daniel J. Hebert, P.E., Senior Engineer/Overall PM

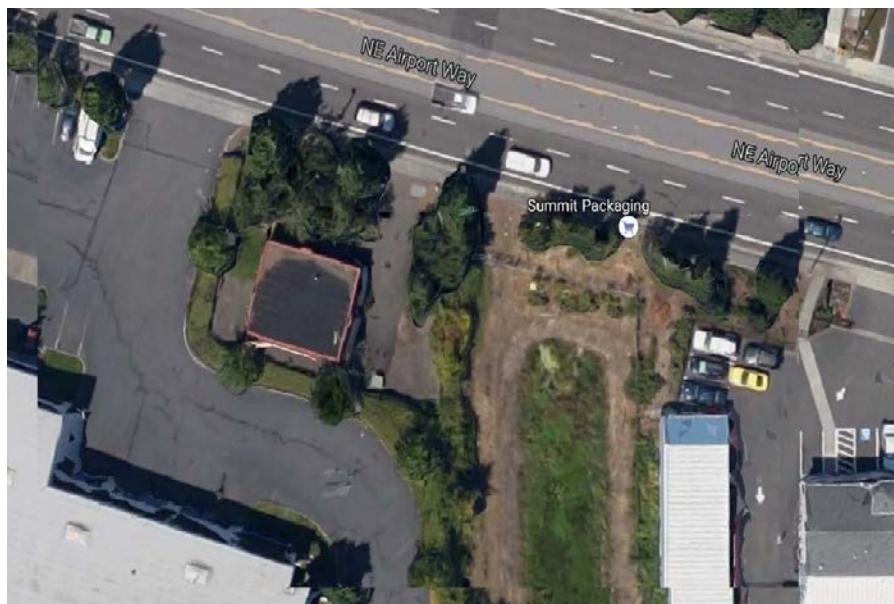


**ENVIRONMENTAL SERVICES
CITY OF PORTLAND**

NICK FISH, COMMISSIONER
MICHAEL JORDAN, DIRECTOR

December 21, 2016

Project Objectives



Airport Way 1 PS



Airport Way 3 PS

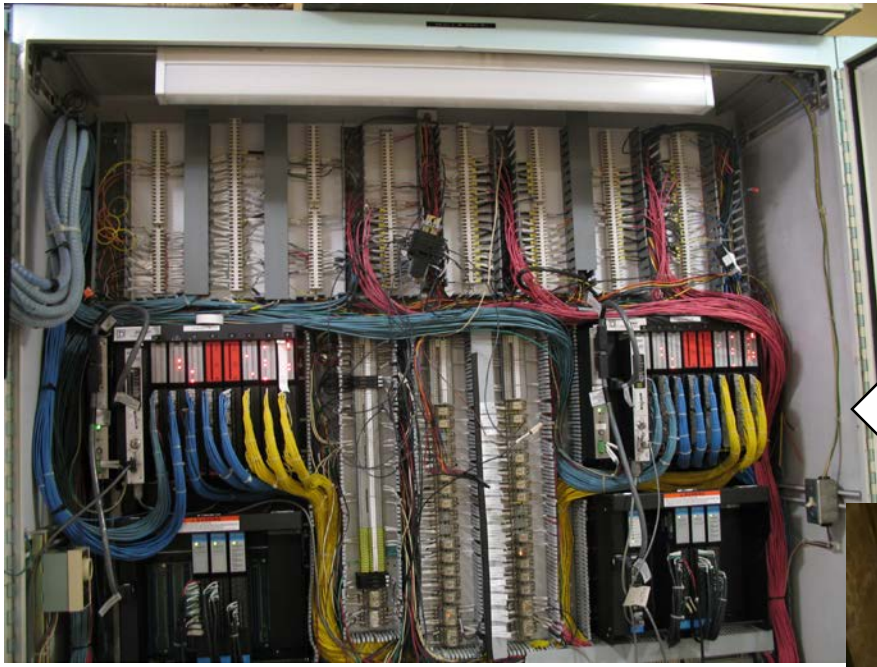
Existing pump station aerial views showing vicinity

Improvements to pump stations include:

- Replacing obsolete mechanical, electrical, and control equipment
- Improving pump station maintainability and reliability
- Improving safety and access



Project Examples



Failed control system

PGE equipment inside station – safety issue

Leaking and inaccessible valve, and failed flowmeter



Project Budget and Schedule

- The estimated construction contract cost is \$2,374,000.
- Confidence in the estimate is optimal.
- Project costs through 11/08/2016 for predesign, final design, and permitting phases are \$402,786.
- Total project cost at completion is estimated at \$3,202,939.
- Proposed Project Schedule:
 - Advertise for Bid 02/01/2017
 - Bid Opening 03/08/2017
 - Award and Notice to Proceed 05/19/2017
 - Complete Construction 05/31/2018



Questions

Thank you

