

working for clean rivers



Tryon Creek Wastewater Treatment Plant Secondary Process Improvements (SPI) Council Agenda Item #287

Scott T. Gibson, P.E.

Vu Han, P.E.

Bureau of Environmental Services

March 22, 2017



**ENVIRONMENTAL SERVICES
CITY OF PORTLAND**

**NICK FISH, COMMISSIONER
MICHAEL JORDAN, DIRECTOR**

Tryon Creek Wastewater Treatment Plant

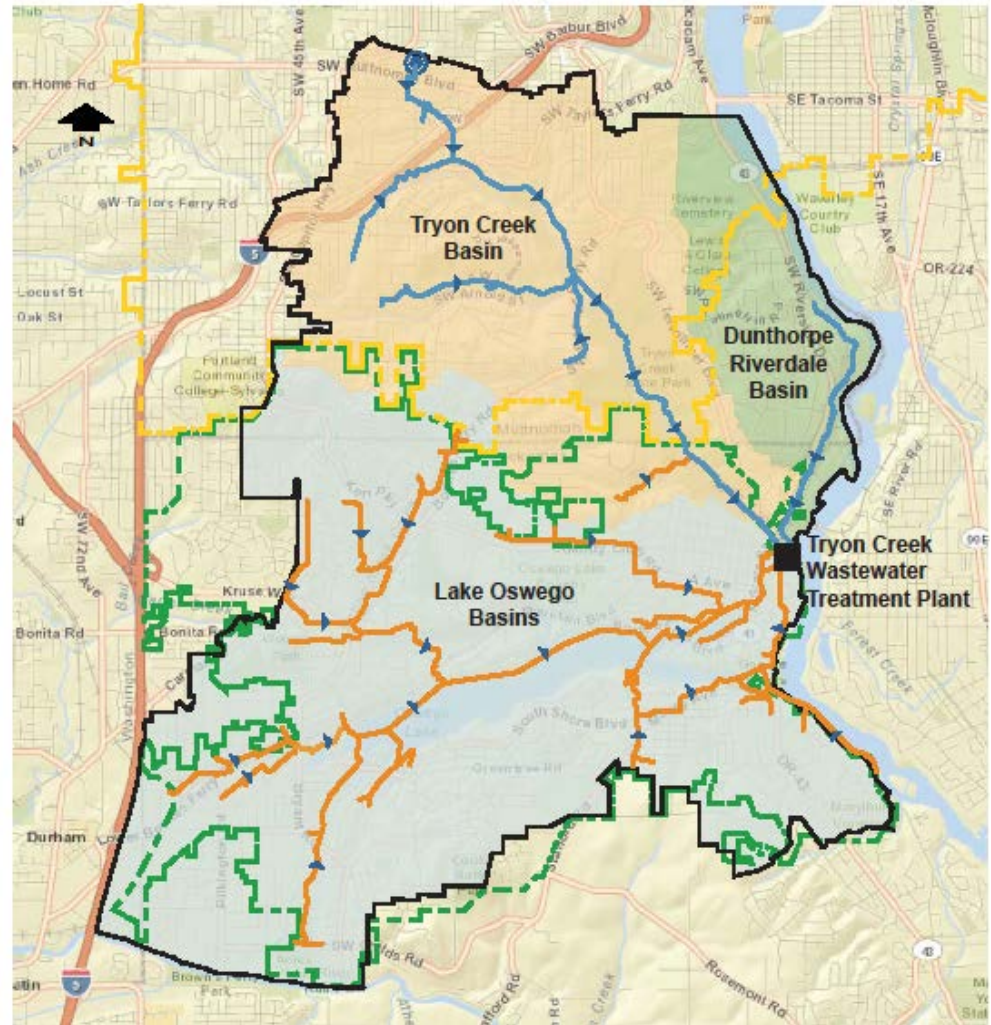
- Located in Lake Oswego
- Constructed in 1964
- Expanded in 1976



TCWTP Service Area and Population

- City of Portland: 15,000
- Dunthorpe-Riverdale: 2,900
- Lake Oswego: 32,000

Total: 49,900





Risk Based Project Objectives

- Aeration Basin Process Improvements
- Control System Enhancements
- Conversion of Digester 2 for Waste Activated Sludge Storage
- Odor control Improvements
- Electrical system improvements

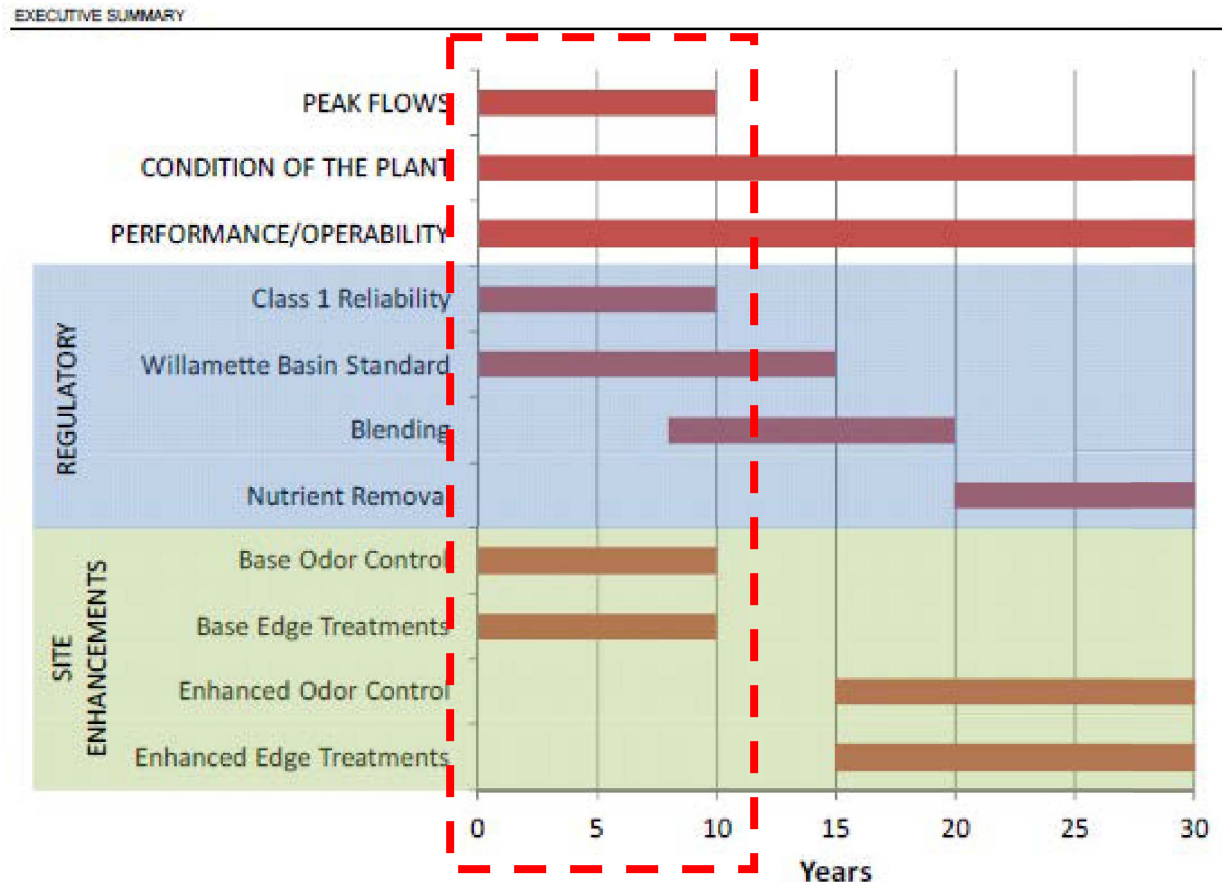
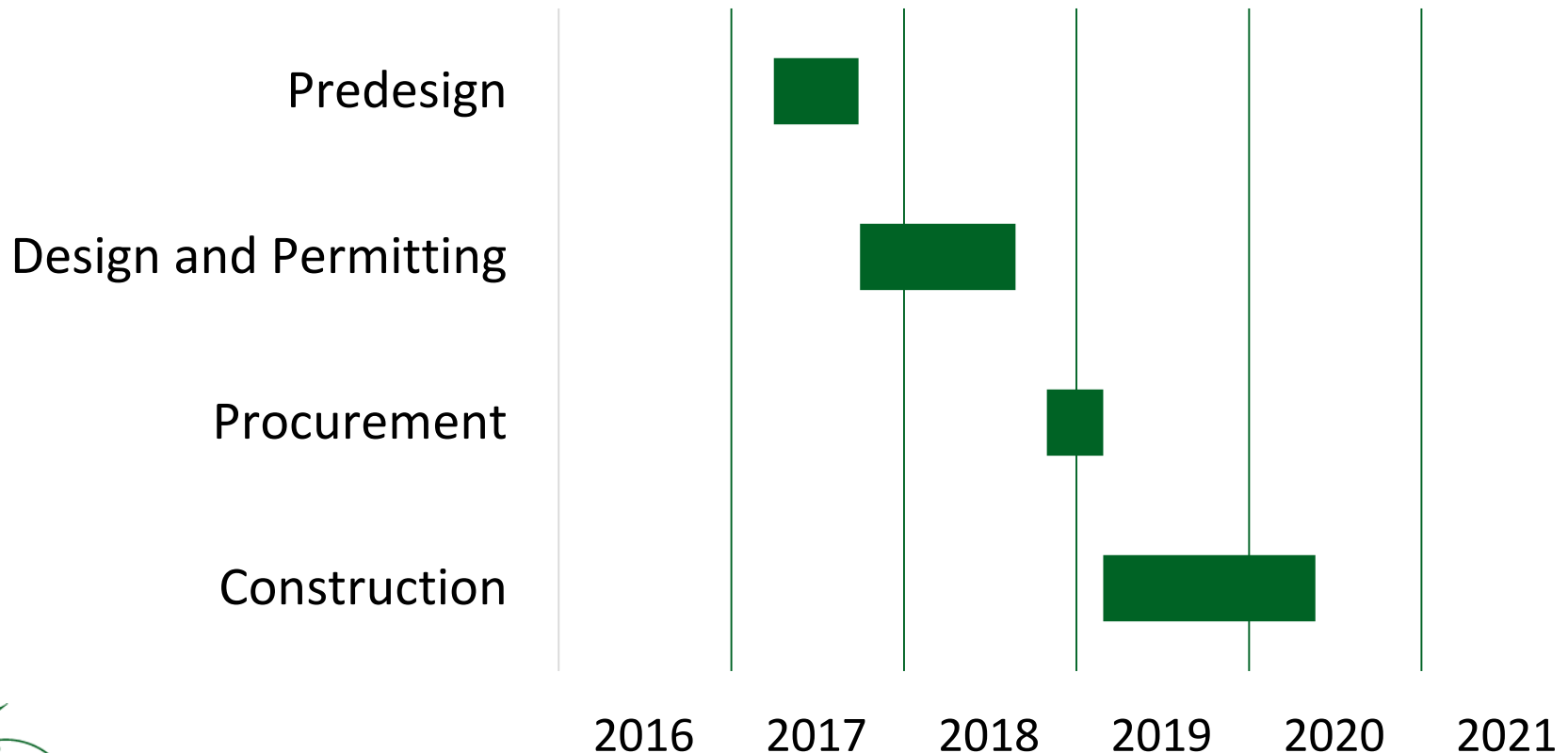


FIGURE ES-4
Project Triggers Timing



Project Budget and Schedule

- Current Project Budget: \$6 million
- Cost estimate level of confidence is low at current planning levels



Professional Services Contract

- Project work was advertised for competitive selection
- 6 proposals received; 3 shortlisted for interviews
- Selection committee included Minority Evaluator Program Participant
- Carollo Engineers was selected in accordance with City Code 5.68
- Negotiated fee is \$1,137,130, includes bidding and construction support services



M/W/ESB Participation

- M/W/ESB Subcontracts at 47% of total contract NTE limit: \$538,980
 - 1 ESB firm: \$27,120
 - 1 WBE firm: \$28,160
 - 4 MBE firms: \$483,700



Recommendation

Authorize the execution of a PTE Agreement with Carollo Engineers with a contract not-to-exceed limit of \$1,137,130.



Questions

Thank you

