Appendix A. Sewer System Maps 2036
- Preferred Alternative

- Kitsap County Systems: Kingston, Silverdale, Kitsap UGAs: 2016 Appendix A. Sewer System Maps 2036 –Preferred Alternative
- City of Poulsbo and Poulsbo Urban Transition Area: 2016
- City of Bremerton and Bremerton UGA: Bremerton 2014
- City of Port Orchard and Port Orchard UGA served by City: 2015
- West Sound Utility District portion of Port Orchard UGA: 2012 (see also 2015 CIP in section 4.9)
Legend

- UGA Review Area
- Contract Customer
- New Service Area
- City of Bremerton
- Bremerton UGA
- Highway
- Streets

Note:
The City's sewer service area is indicated as a white background. It includes New Service Areas and UGA Review Areas indicated on the map.

The UGA Review Areas currently receive service, but the City has suspended selling service in these areas pending modification of the UGA Boundaries which will be evaluated during Kitsap County's 2013 Comprehensive Plan Update process.

Source of Data:
1) Kitsap County GIS
2) City of Bremerton GIS

Figure 3-2
Sewer Service Area
CITY OF BREMERTON
WWCP UPDATE
Connect to ex. 8" sewer main. Convert existing 8" gravity main to force main. Gravity main, package pump station, and grinder pumps for services along Tracyton Beach Rd.

City of Bremerton
Bremerton UGA

Source of Data:
1) Kitsap County GIS
2) City of Bremerton GIS

Figure 5-5
Tracyton Service Area Map
CITY OF BREMERTON
WWCP UPDATE
Evaluate PB-1 Capacity with Expansion to New Service Area

PB-1 (150 gpm x 2)
Peak Flow Estimate
Year 2013 = 170 gpm
Year 2033 = 220 gpm
With New Service Area
Year 2033 = 560 gpm

Marine Dr Connection
Convey flow to Callow Basin
(Ex. Main at Wycoff and 11th)

WB-3 and WB-6
(17,500 gpm combined)
Peak Flow Estimate
Year 2013 = 8,100 gpm
Year 2033 = 9,710 gpm
With New Service Area
Year 2033 = 11,840 gpm

Source of Data:
1) Kitsap County GIS
2) City of Bremerton GIS

Figure 5-7
Rocky Point and Marine Drive Service Area Map
CITY OF BREMERTON WWCP UPDATE
**Source of Data:**
1) Kitsap County GIS
2) City of Bremerton GIS

**Legend**
- Port Blakely Connection
- KL-2 Improvements
- Proposed Pump Station
- New Service Area Basin
- Sewer Main
- Pump Station
- Outfall

**Figure 5-6**
Port Blakely Service Area Map
CITY OF BREMERTON
WWCP UPDATE

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**Marine D**

Peak Design
720 gp

**Peak Flow Estimate**
Year 2013 = 1,380 gpm
Year 2033 = 1,490 gpm

**Port Blakely Connection**
Force Main South of Kitsap Lake to KL-2

**KL-4 (450 gpm x 2)**
Peak Flow Estimate
Year 2013 = 280 gpm
Year 2033 = 300 gpm

**KL-3 (400 gpm x 2)**
Peak Flow Estimate
Year 2013 = 660 gpm
Year 2033 = 700 gpm

**KL-2 (1,150 gpm x 2)**
Peak Flow Estimate
Year 2013 = 1,380 gpm
Year 2033 = 1,490 gpm

**KL-2 Improvements**
Upgrade KL-2
New KL-2 Force Main
New Gravity Main to Auto Center Way

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**Port Blakely Connection**
Force Main South of Kitsap Lake to KL-2
South Kitsap Water Reclamation Facility

Legend
- CIP
- Manhole
- Force Main
- Gravity Main
- CIP
- Pump Station
- Treatment Plant

Base Layers
- City of Port Orchard
- Port Orchard UGA
- West Sound UD Boundary
- Parcels
- Water Bodies
- Water Courses

20-Year CIP
General Sewer Plan Update
City of Port Orchard, Washington
November 2015

Figure 8-3
20-Year CIP 11x17.mxd  10/21/2015  ctolentino

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Sewer System: City of Port Orchard 2015

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Figure 8-2
10-Year CIP
General Sewer Plan Update
City of Port Orchard, Washington
November 2015

Legend
- CIP
- Manhole
- Force Main
- Gravity Main
- CIP
- Pump Station
- Treatment Plant

Base Layers
- City of Port Orchard
- Port Orchard UGA
- West Sound UD Boundary
- Parcels
- Water Bodies
- Water Courses

South Kitsap Water Reclamation Facility