

Appendix A. Sewer System Maps 2036 – No Action Alternative

- Kitsap County Systems: Kingston, Silverdale, Kitsap UGAs: 2015
- City of Poulsbo and Poulsbo Urban Transition Area: 2015
- 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)



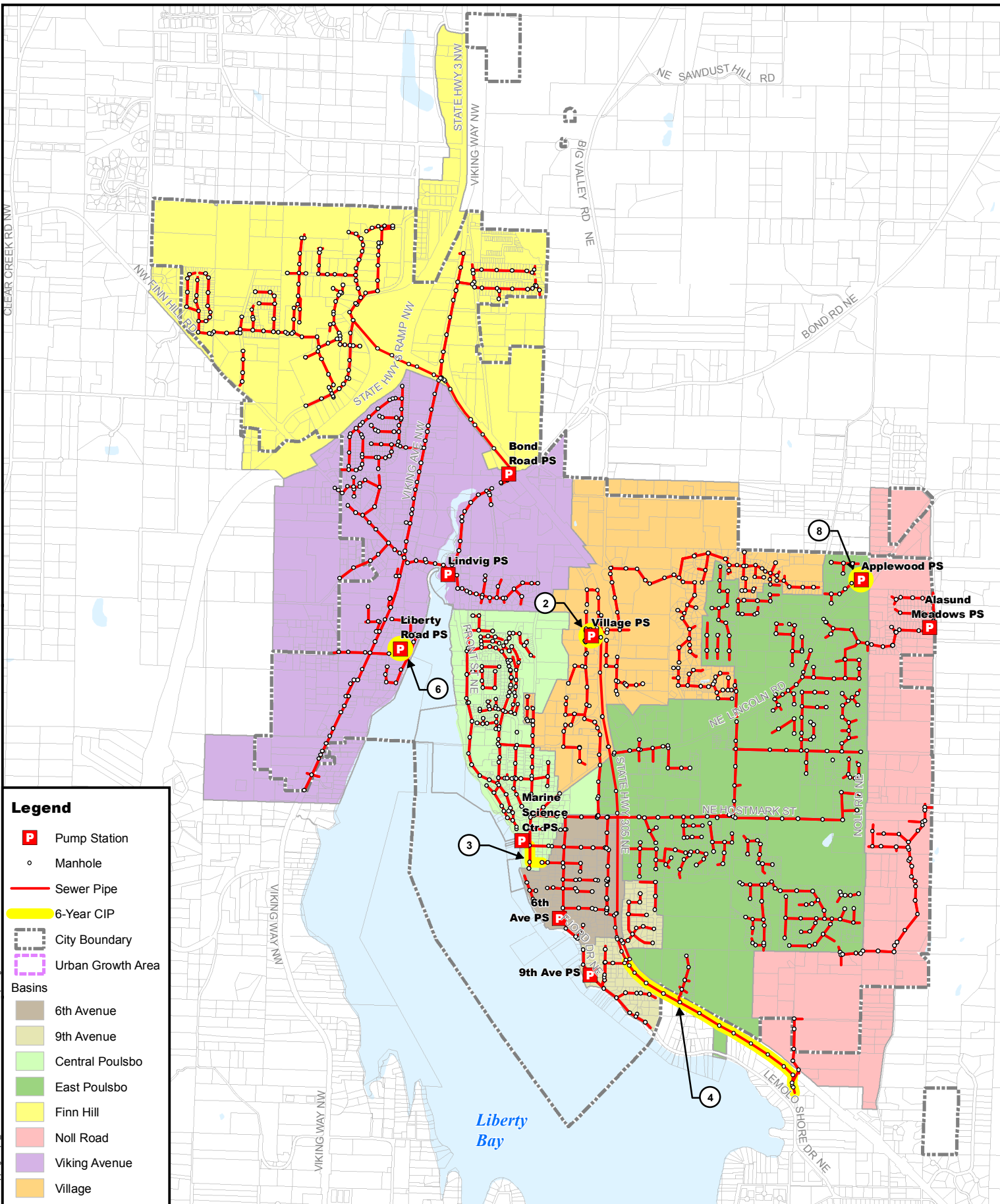
Kingston Urban Growth Area Sewer



- Legend**
- Existing Wastewater Infrastructure**
 - Treatment Plant
 - Pump Station
 - Force Main
 - Gravity Main
 - Future Wastewater Infrastructure**
 - Future Pump Station
 - Future Force Main
 - Future Gravity Collector
 - Sewer Improvements**
 - Flow Meter Installation
 - Designated Urban Growth Areas**
 - Designated Urban Growth Areas
 - Reservation Boundaries



Kitsap County Department of Community Development
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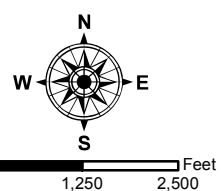
Legend

- Pump Station
- Manhole
- Sewer Pipe
- 6-Year CIP
- City Boundary
- Urban Growth Area

Basins

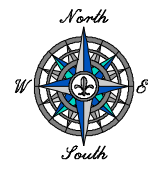
- 6th Avenue
- 9th Avenue
- Central Poulsbo
- East Poulsbo
- Finn Hill
- Noll Road
- Viking Avenue
- Village

This map is a geographic representation based on available information. No warranty is made concerning the accuracy, currency, or completeness of data depicted on this map. Source: Kitsap County.

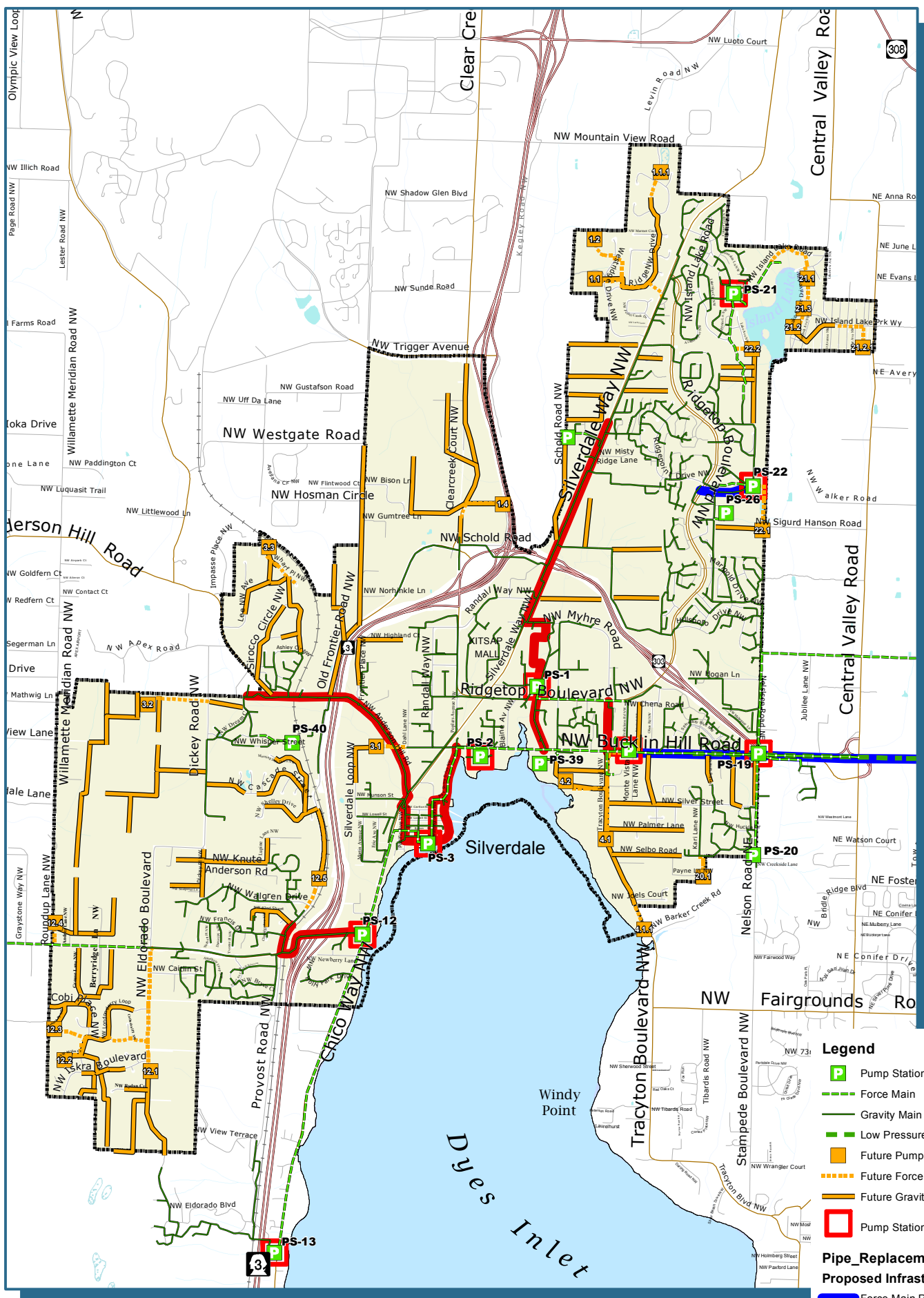


6-Year CIP
 Comprehensive Sewer Plan
 City of Poulsbo
 October 2015

Figure
7-1



Silverdale Urban Growth Area Wastewater



Legend

- Pump Station
- Force Main
- Gravity Main
- Low Pressure Gravity Main
- Future Pump Station
- Future Force Main
- Future Gravity Collector
- Pump Station Upgrade

Pipe_Replacements

Proposed Infrastructure Upgrades

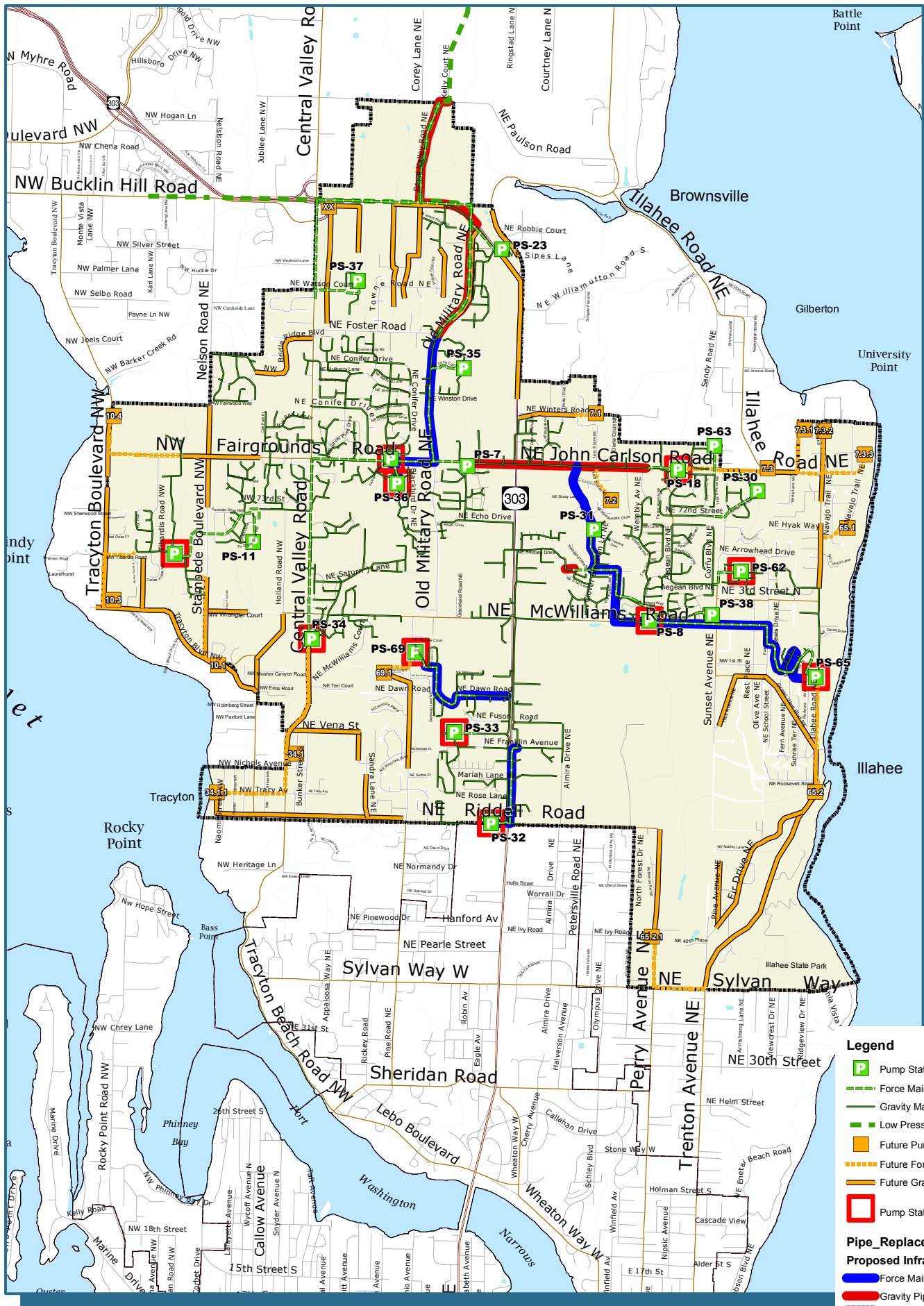
- Force Main Replacement
- Gravity Pipe Replacement
- Unincorporated Urban Growth Area
- Designated Urban Growth Areas



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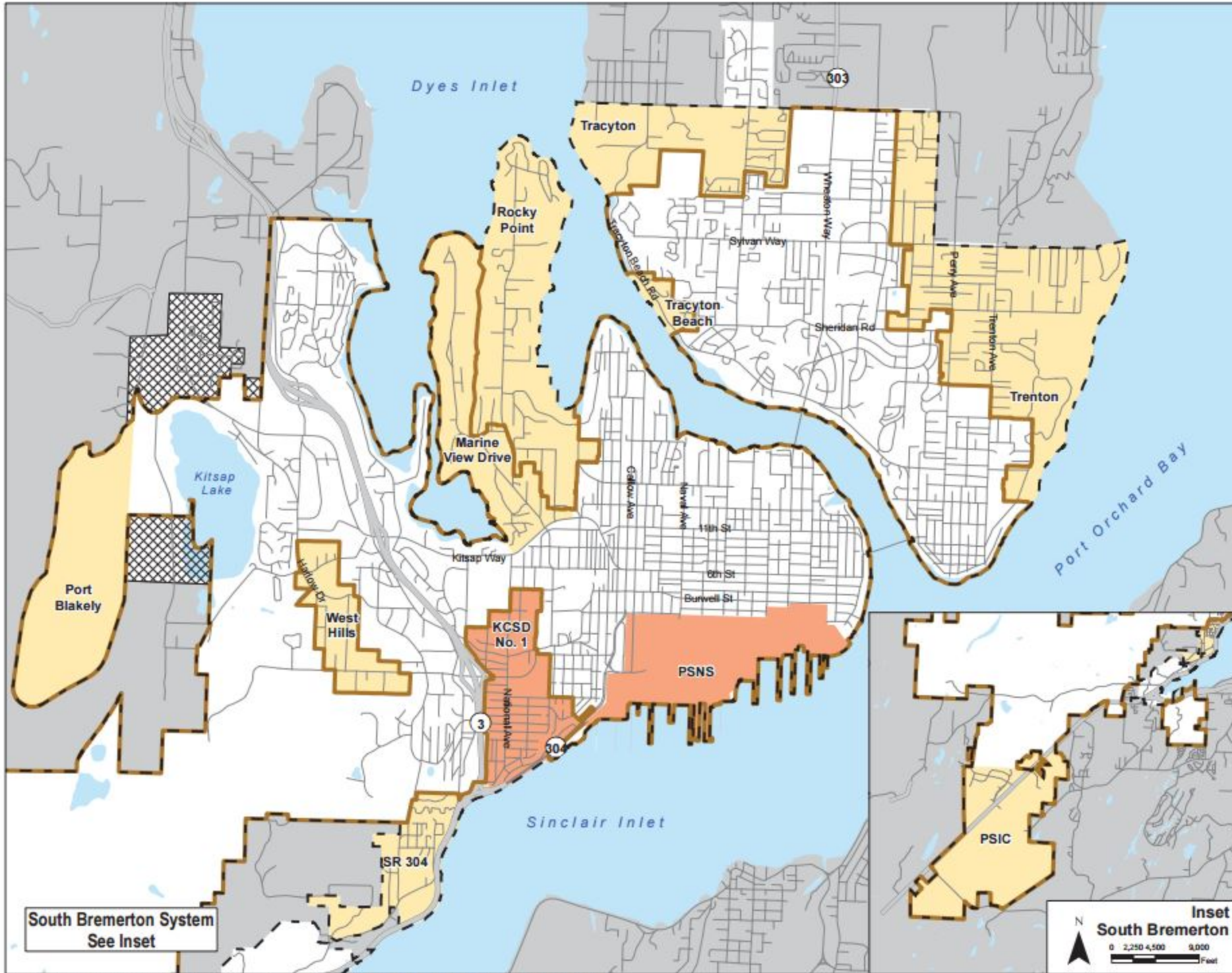
Central Kitsap Urban Growth Area No Action Alternative



- Legend**
- Pump Station
 - Force Main
 - Gravity Main
 - Low Pressure Gravity Main
 - Future Pump Station
 - Future Force Main
 - Future Gravity Collector
 - Pump Station Upgrade
- Pipe_Replacements**
- Proposed Infrastructure Upgrades**
- Force Main Replacement
 - Gravity Pipe Replacement
- Designated Urban Growth Areas**
- Designated Urban Growth Areas
 - Incorporated City



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

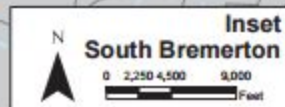
Note:
 The City's sewer service area is indicated as a white background. It includes New Service Areas and UGA Review Areas indicated on the map.

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 2016 Comprehensive Plan Update process.

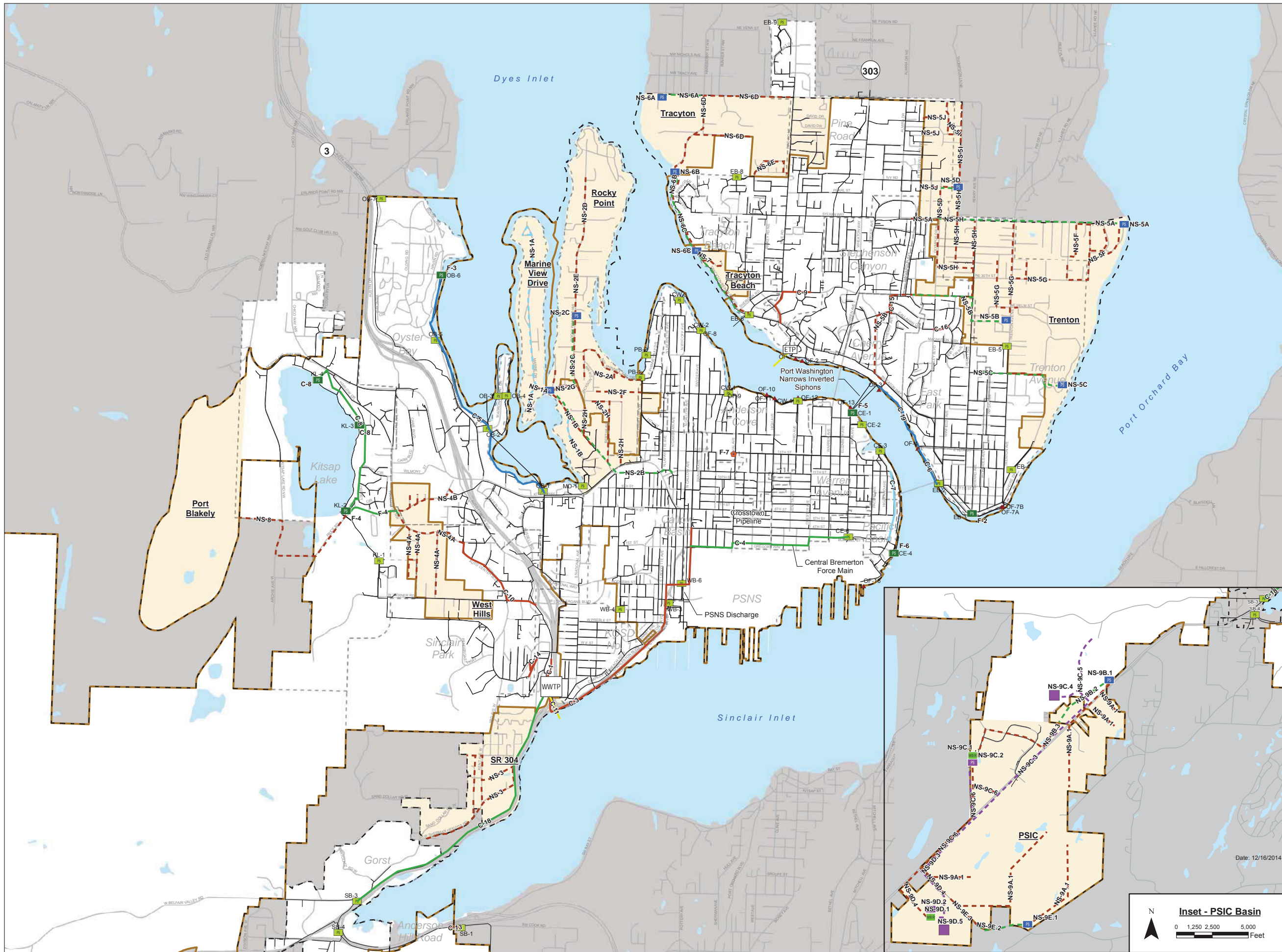
- Source of Data:
- 1) Kitsap County GIS
 - 2) City of Bremerton GIS



Figure 3-2
Sewer Service Area
 CITY OF BREMERTON
 WWCP UPDATE



South Bremerton System
 See Inset

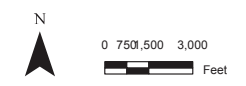
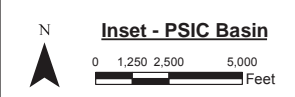


- ### Legend
- Capital Improvements**
- Beach Sewer
 - Force Main
 - Gravity Sewer
 - Low Pressure Sewer
 - Outfall
- New Service Area**
- Force Main
 - Gravity Sewer
 - Low Pressure Sewer
 - Reclaimed Main
- Proposed Pump Station
■ Proposed Reclaimed Pump Station
■ Pump Station Upgrade
■ MBR
■ Winter Sewage Disposal
■ Pump Station
● Outfall
- ⋯ Less Than 24" Force Main
 Sewer Mains
 Bremerton UGA
 City of Bremerton
 Highway
 Streets
 Water Body
 New Service Area
- WWTP Westside Wastewater Treatment Plant
ETP Eastside Treatment Plant

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



Figure 7-1
 CIP Map
 CITY OF BREMERTON
 WWCP UPDATE



Document Path: D:\GISDATA\Projects\wash\Bremerton\Map_Docs\Comprehensive Sewer Plan\Plan Figures\Figure 5-5 - Tracyton Service Area Map.mxd Print Date: 9/11/2014



Figure 5-5
Tracyton Service Area Map
CITY OF BREMERTON
WWCP UPDATE

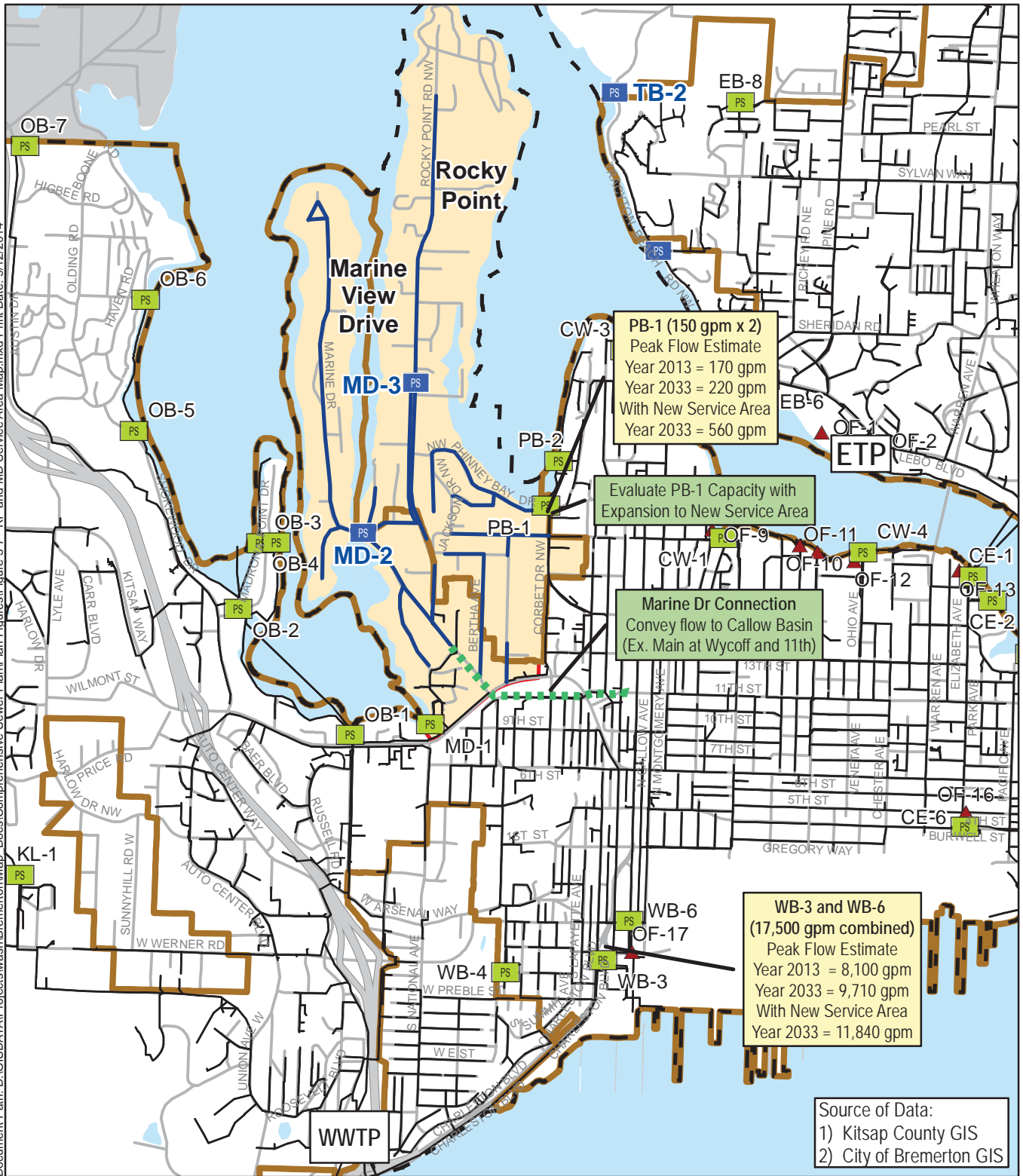
Legend

- ▬▬▬▬ TB-2 Improvements
- ▬▬▬▬ Proposed Sewer Main
- PS Proposed Pump Station
- New Service Area Basin
- ▬▬▬▬ Sewer Main
- PS Pump Station
- ▲ Outfall
- City of Bremerton
- Bremerton UGA
- Water Body
- Highway
- Streets

N

0 375 750 1,500
Feet

Document Path: D:\GISDATA\Projects\washBremerton\Map_Docs\Comprehensive Sewer Plan\Plan Figures\Figure 5-7 - RP and MD Service Area Map.mxd Print Date: 9/12/2014



Legend

- Marine Dr Connection
- PS Proposed Pump Station
- Proposed Sewer Main
- New Service Area Basin
- Sewer Main
- PS Pump Station
- ▲ Outfall
- City of Bremerton
- Bremerton UGA
- Water Body
- Highway
- Streets

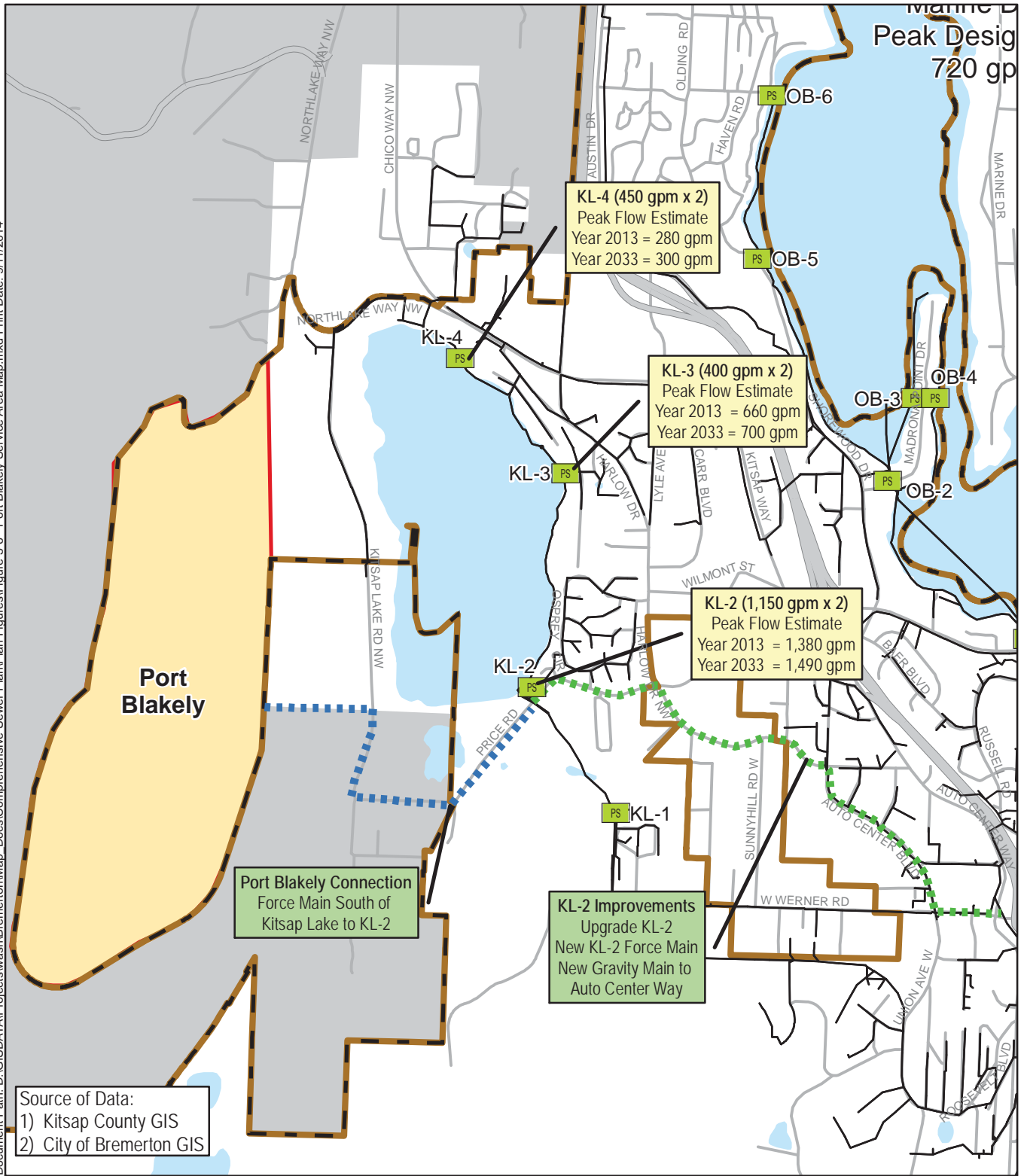
Figure 5-7
Rocky Point and Marine Drive
Service Area Map
CITY OF BREMERTON
WWCP UPDATE

N

0 750 1,500 3,000

Feet

Document Path: D:\GISDATA\Projects\washBremertonMap_Docs\Comprehensive Sewer Plan\Plan Figures\Figure 5-6 - Port Blakely Service Area Map.mxd Print Date: 9/11/2014



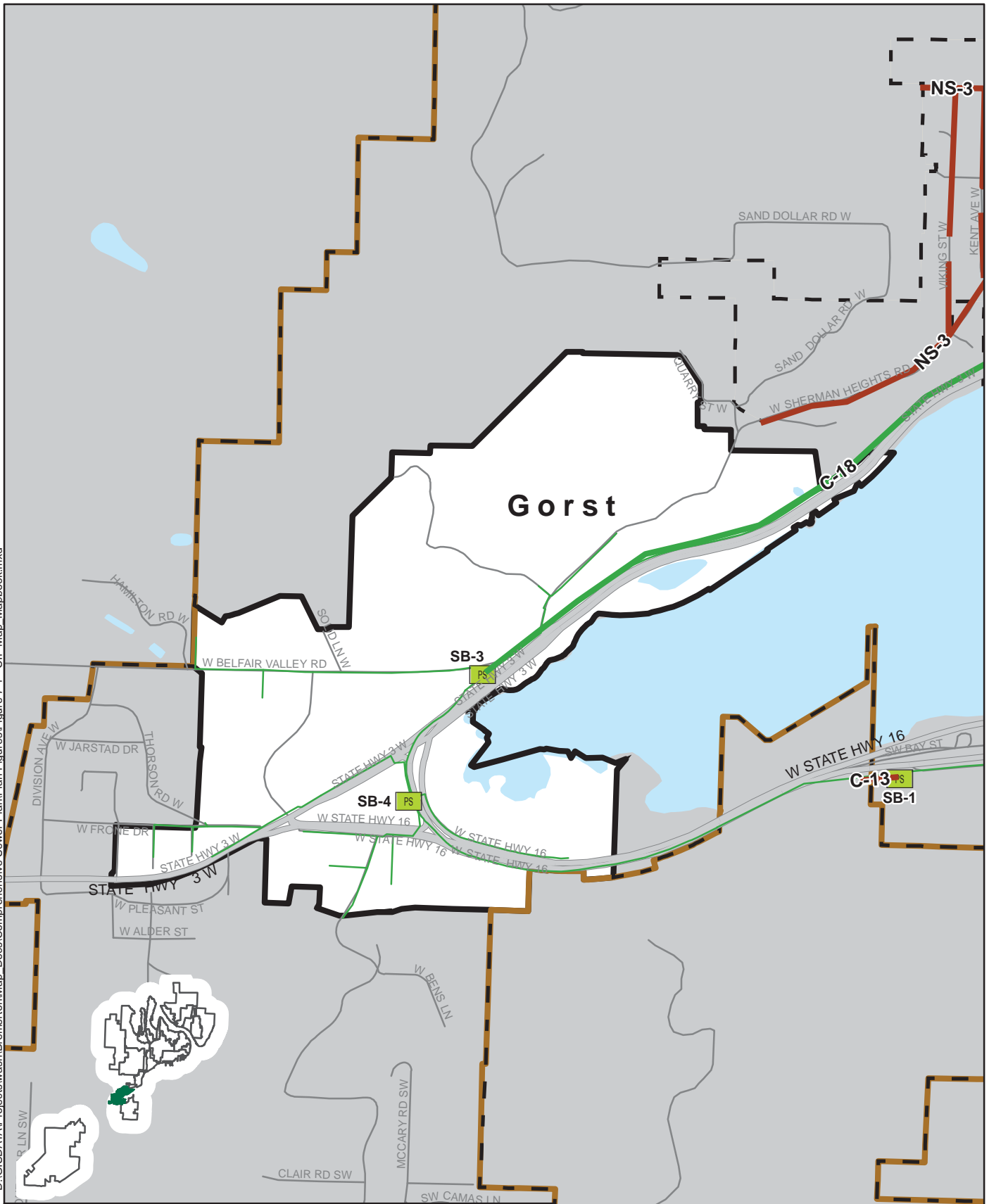
Legend

- Port Blakely Connection
- KL-2 Improvements
- Proposed Pump Station
- New Service Area Basin
- Sewer Main
- Pump Station
- ▲ Outfall
- Bremerton UGA
- City of Bremerton
- Water Body
- Highway
- Streets


Figure 5-6
Port Blakely Service Area Map

CITY OF BREMERTON
WWCP UPDATE


D:\GISDATA\Projects\wash\Bremerton\Map_Docs\Comprehensive Sewer Plan\Plan Figures\Figure 7-1 - CIP Map Mapbook.mxd



Legend		Basin Gorst	
	Odor Control Upgrade		Beach Sewer
	MBR		Force Main
	PS New Pump Station		Gravity Sewer
	PS Pump Station Upgrade		Low Pressure Sewer
	PS Reclaimed Pump Station		Outfall
			Reclaimed Main
			Force Main Less Than 24"
			CSO Outfall
			Lift Station
			Sewer Mains
			Streets
			Highway
			New Service Area
			City of Bremerton
			Bremerton UGA





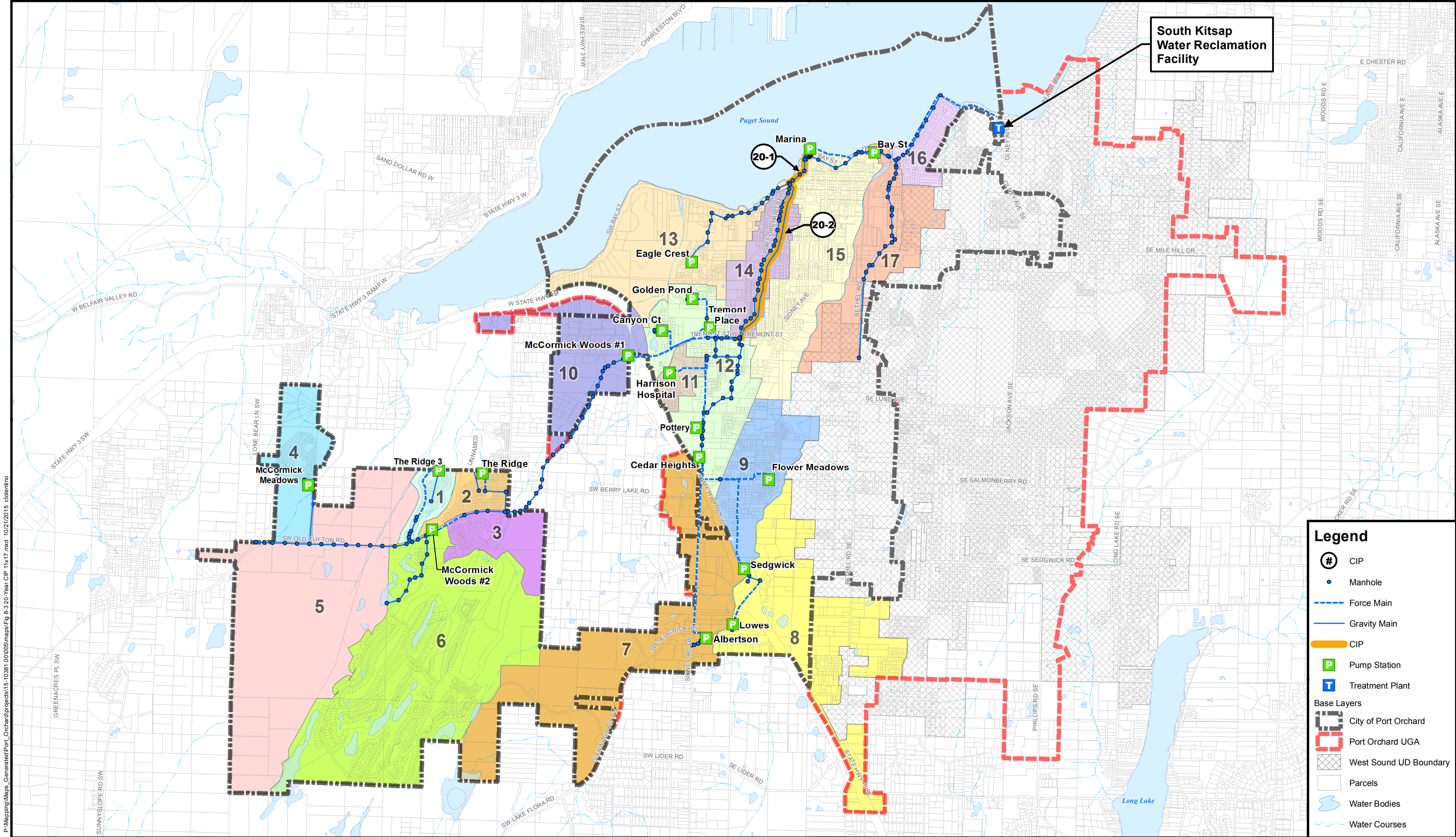
1 inch = 1,170 feet



BASIN PLAN

City of Bremerton



P:\Mapping\Maps_Generated\Port_Orchard\projects\15-10361_00\05\maps\Fig 8-3 20-Year CIP 11x17.mxd 10/21/2015 c.rolentino

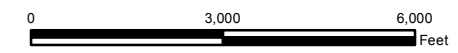
Legend

- # CIP
- Manhole
- Force Main
- Gravity Main
- CIP
- P Pump Station
- T Treatment Plant

Base Layers

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

Sewer System: City of Port Orchard 2015
 Kitsap County base data 2015
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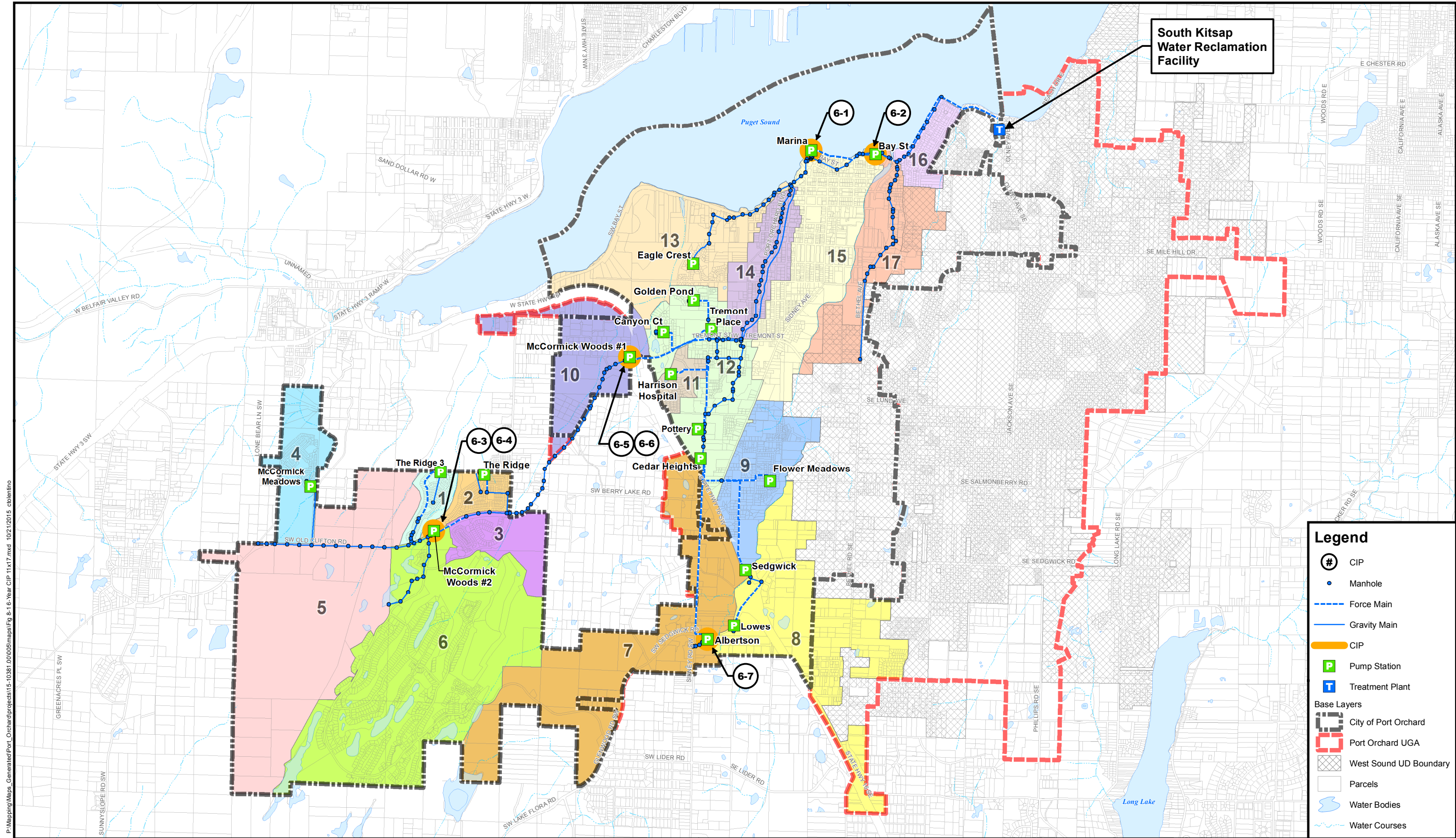
20-Year CIP
 General Sewer Plan Update
 City of Port Orchard, Washington
 November 2015

Figure

8-3



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South Kitsap
Water Reclamation
Facility

Legend

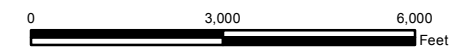
- # CIP
- Manhole
- - - Force Main
- Gravity Main
- CIP
- P Pump Station
- T Treatment Plant

Base Layers

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

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Sewer System: City of Port Orchard 2015
 Kitsap County base data 2015
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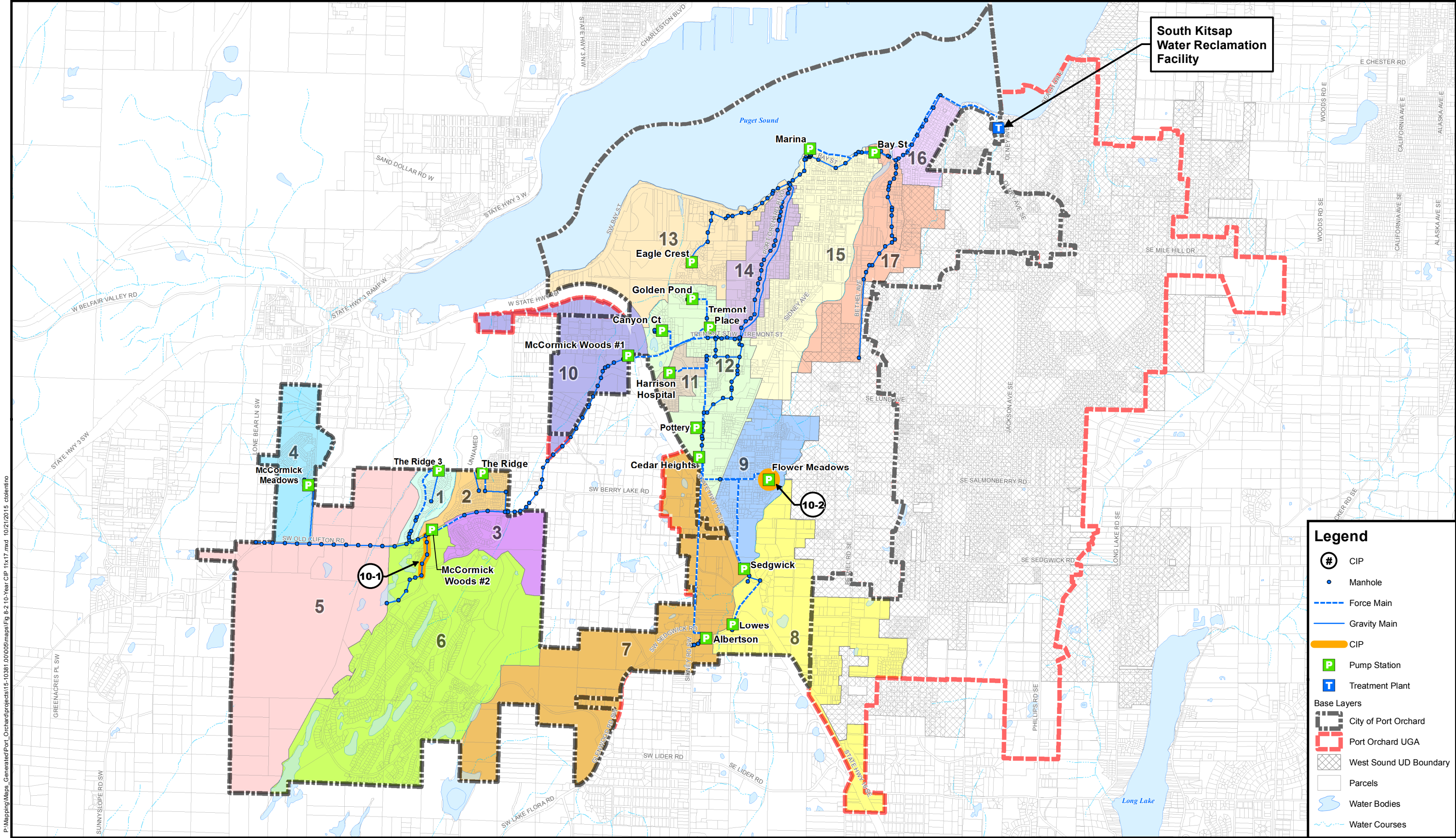
6-Year CIP
 General Sewer Plan Update
 City of Port Orchard, Washington
 November 2015

Figure

8-1

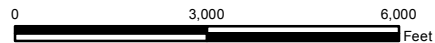


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Sewer System: City of Port Orchard 2015
 Kitsap County base data 2015
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10-Year CIP
 General Sewer Plan Update
 City of Port Orchard, Washington
 November 2015

Figure

8-2



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Port Orchard Urban Growth Areas

Wastewater Infrastructure Preferred Alternative

- Existing Wastewater Infrastructure**
- Existing Sewer Mains
 - Existing Pump Station
 - Existing Treatment Plant
- Proposed Wastewater Infrastructure Replacement**
- Force Main - Replacement
 - Gravity - Replacement
- Proposed Wastewater Infrastructure**
- Proposed Force Main
 - Proposed Gravity Main
 - Trunk Upgrade - Replacement/Upgrade
 - Proposed Developer Extension
 - Proposed Pump Station
 - Proposed Temporary Pump Station
 - Proposed Lift Station
- Unincorporated Urban Growth Area**
- Unincorporated Urban Growth Area
 - Incorporated City
- Easement**
- Easement
 - Plat-Line
 - Tax Parcels

- Waterbodies (defined in WAC 222-16-030)**
- WaterBody Cartographic Feature Code**
- Bay, estuary, Puget Sound
 - Lake, Pond, Reservoir, Gravel pit or quarry filled with water
 - Marsh, wetland, swamp, bog

- Watercourses (defined in WAC 222-16-030)**
- Fish Habitat Water Type Code**
- (S) Designated Shoreline of the State
 - (F) Fish Habitat
 - (N) Non-fish Habitat
 - (U) Unknown, unmodeled hydrographic feature.

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* THIS MAP IS NOT A SUBSTITUTE FOR FIELD SURVEY *

DRAFT
Map Date: June, 2012

