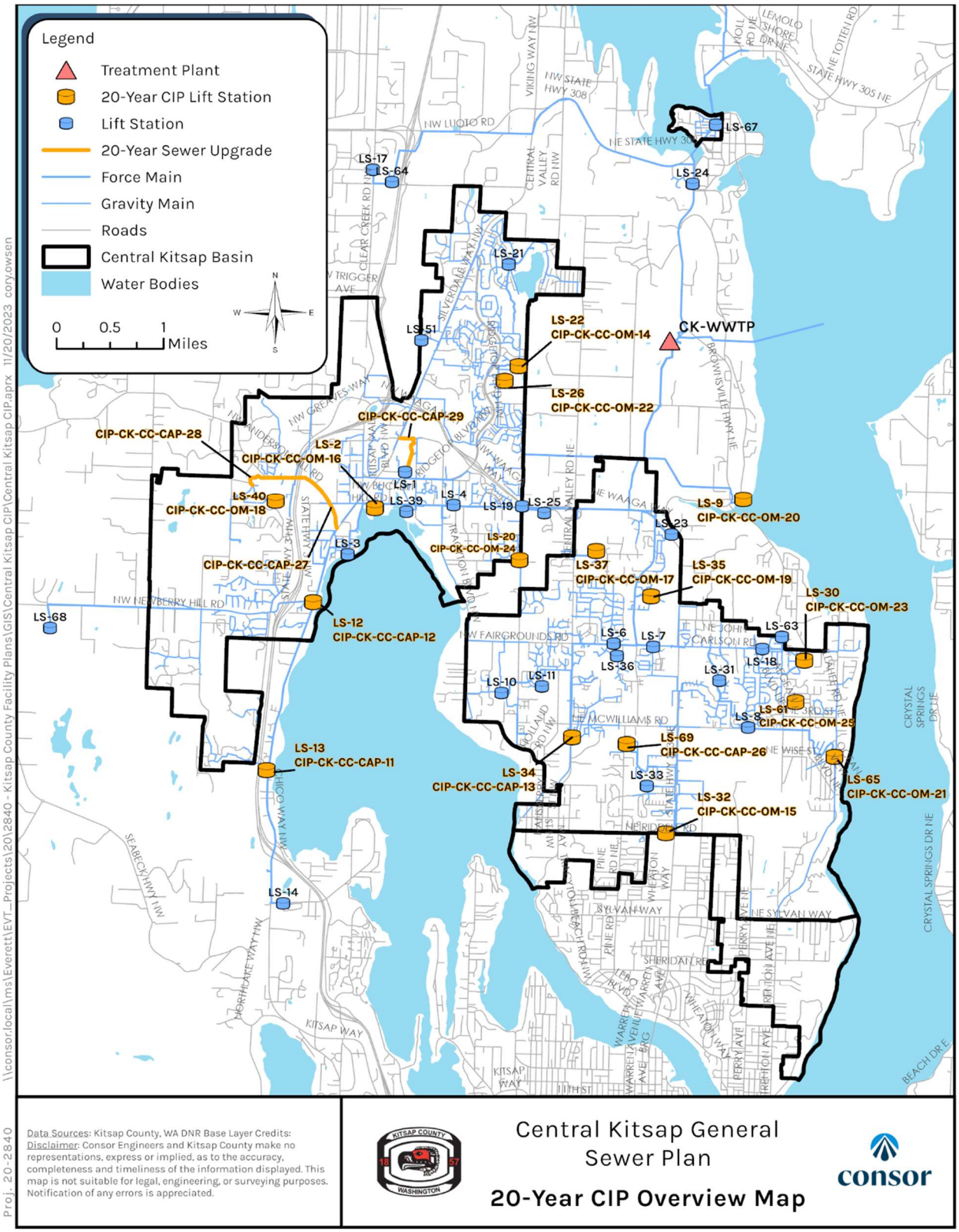
Appendix A

SANITARY SEWER SYSTEM MAPS

- Central Kitsap General Sewer Plan
- Kingston General Sewer Plan
- Manchester Sewer Plan
- Port Orchard General Sewer Plan
- Poulsbo Sewer Plan
- Suquamish General Sewer Plan
- West Sound Utility District Sewer Plan
- Bremerton 6 & 20-Year Sewer Plan 1
- Bremerton 6 & 20-Year Sewer Plan 2
- Bremerton Airport Area Sewer Plan
- East Bremerton Area Sewer Plan
- Kitsap Lake Area Sewer Plan
- Gorst Area Sewer Plan

Figure 11-2| 20-Year Collection and Conveyance CIP (2029-2048)



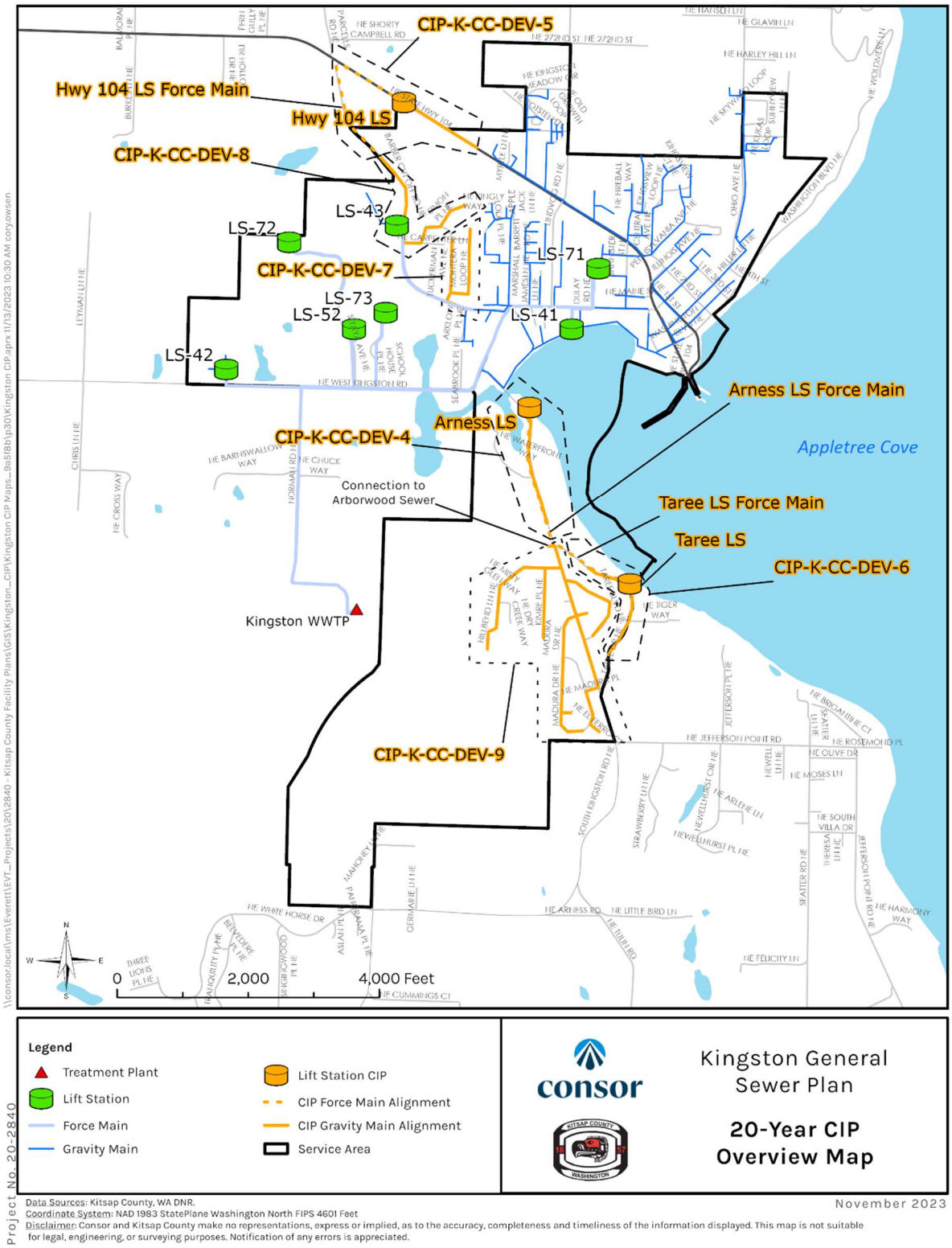
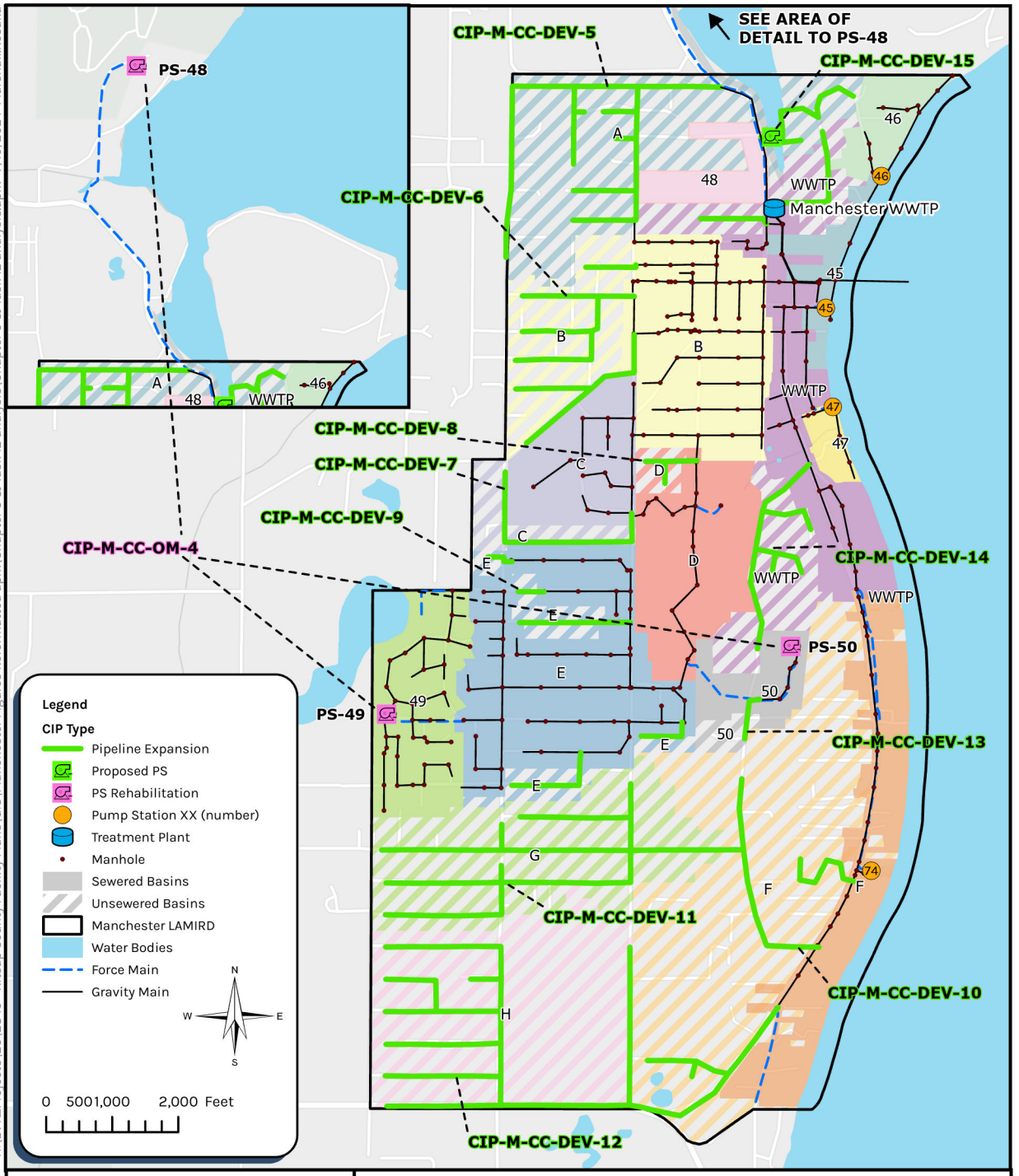


Figure 11-2 | 20-year CIP Overview Map



Data Sources: Kitsap County, WA DNR, Base Layer Credits: Light Gray Base: County of Kitsap, WA State Parks GIS, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, USFWS;Light Gray Base: County of Kitsap, WA State Parks GIS, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA, USFWS

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KITSAP COUNTY 1857 WASHINGTON

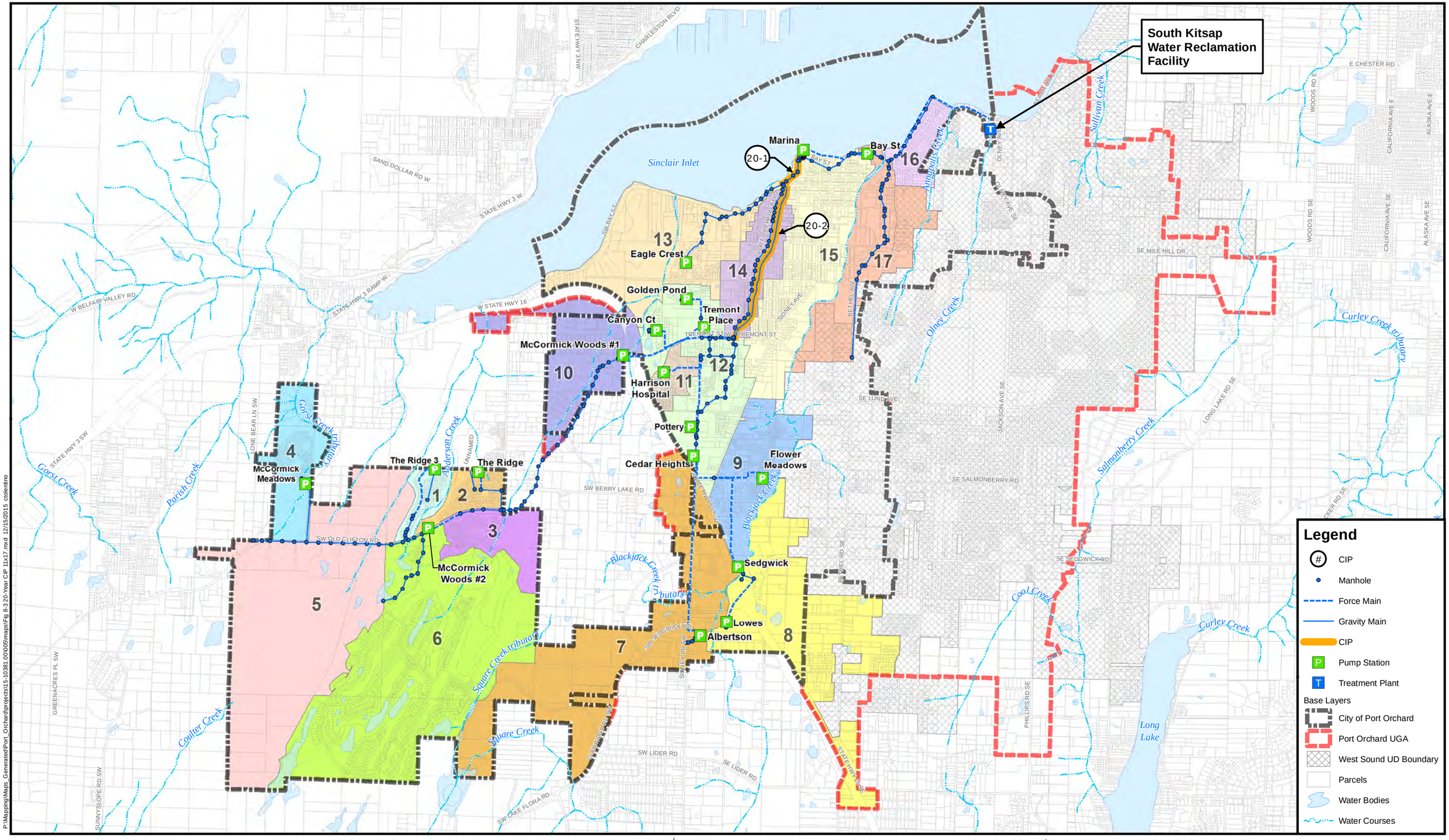
Manchester General Sewer Plan Update

20-Year CIP Locations

consor

H:\EVT_Projects\20\2840 - Kitsap County Facility Plans\GIS\Manchester Figures Reformatted aprx\Chapter 5 & Task 12 analysis\Chapter 5 & Task 12 analysis.aprx 7/10/2024 Marshall.Kosaka

Proj. 20-2840



Sewer System: City of Port Orchard 2015
Kitsap County base data 2015
Data sources supplied may not reflect current or actual conditions. This map is a geographic representation based on information available. It does not represent survey data. No warranty is made concerning the accuracy, currency, or completeness of data depicted on this map.
BHC Consultants LLC., assumes no responsibility for the validity of any information presented herein, nor any responsibility for the use or misuse of the data.

N

0 3,000 6,000 Feet

BHC CONSULTANTS

City of Port Orchard

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

Figure
8-3

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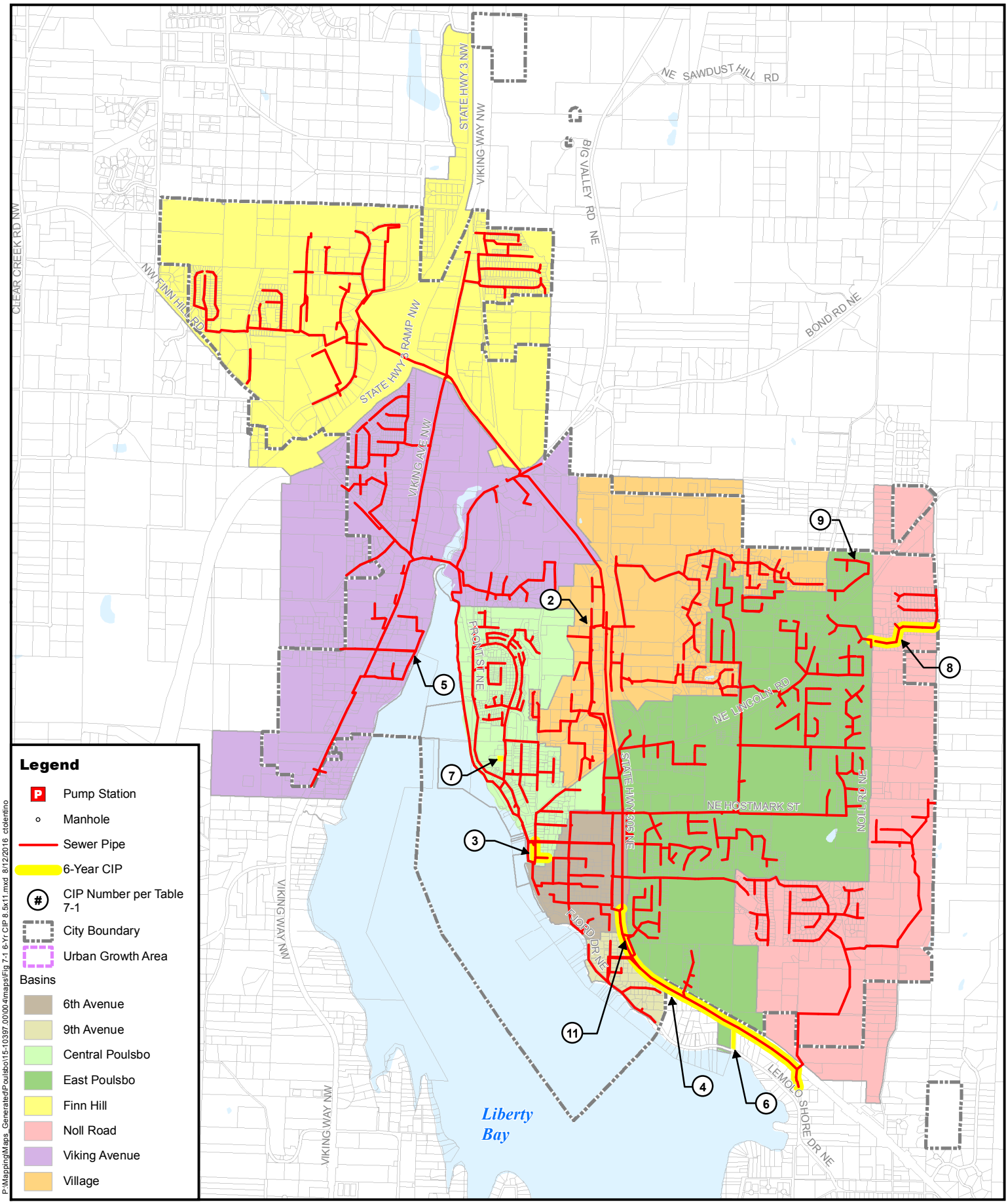

P:\Mapping\Maps_Generated\Poulsbo\15-10397.00\00\4maps\Fig 7-1 6-Yr CIP 8.5x11.mxd 8/12/2016 ctolentino

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.

BHC CONSULTANTS

N W E S

0 1,250 2,500 Feet

CITY OF POULSBO VIKING CITY

6-Year CIP

Comprehensive Sewer Plan
City of Poulsbo
August 2016

Figure
7-1

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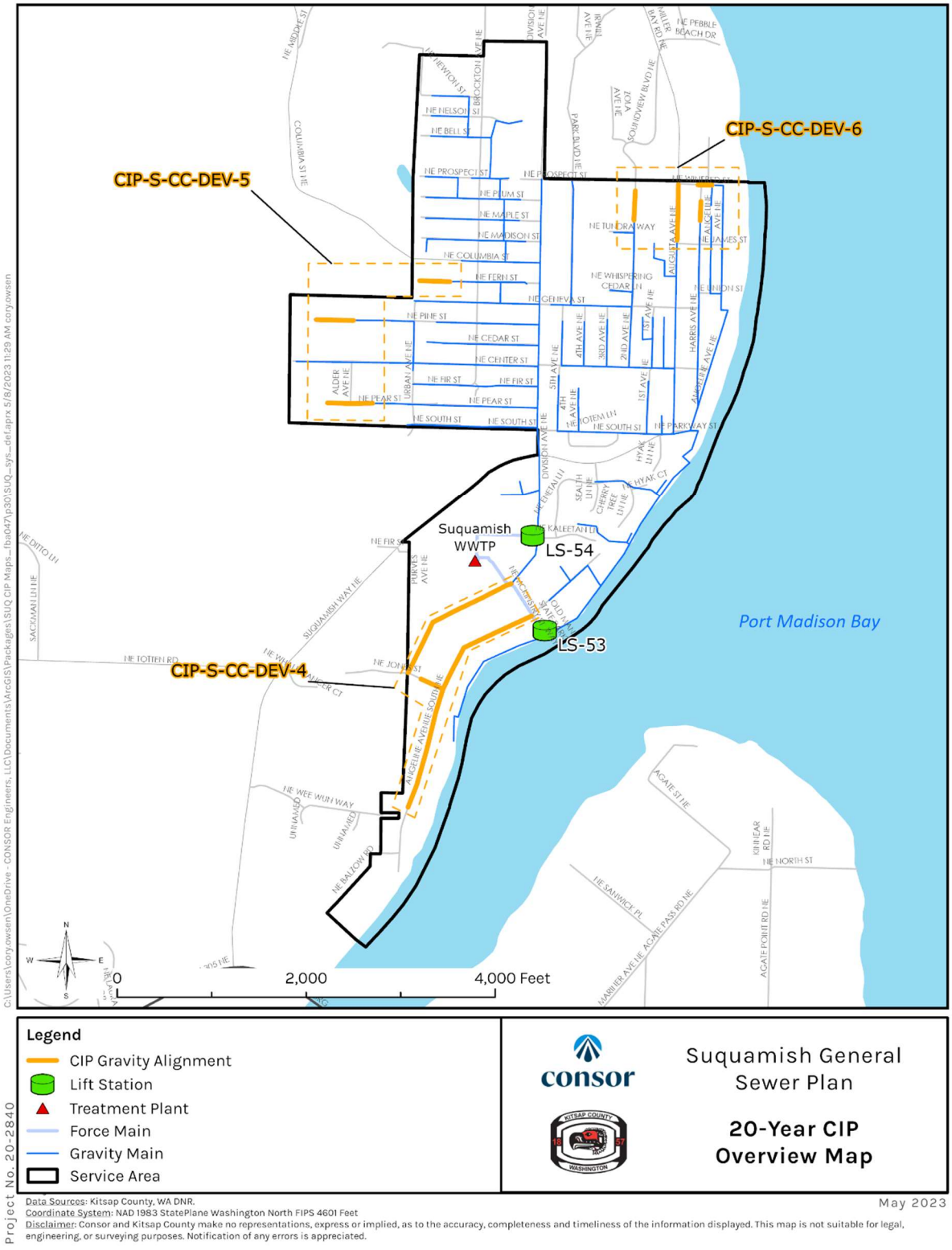
DRAFT

Figure 11-2 | 20-year CIP Overview Map



Sewer Service Area

Force Main
Gravity Main
Sanitairy Basin
Future Sanitary Basin
Annexed Area
2016 Urban Growth Area

Treatment Plant

Lift Stations
Active
Future
To Retire

N
W E
S

Data Sources;
West Sound Utility District GIS Department
Kitsap County GIS Department

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This map was printed on Friday, December 29, 2023

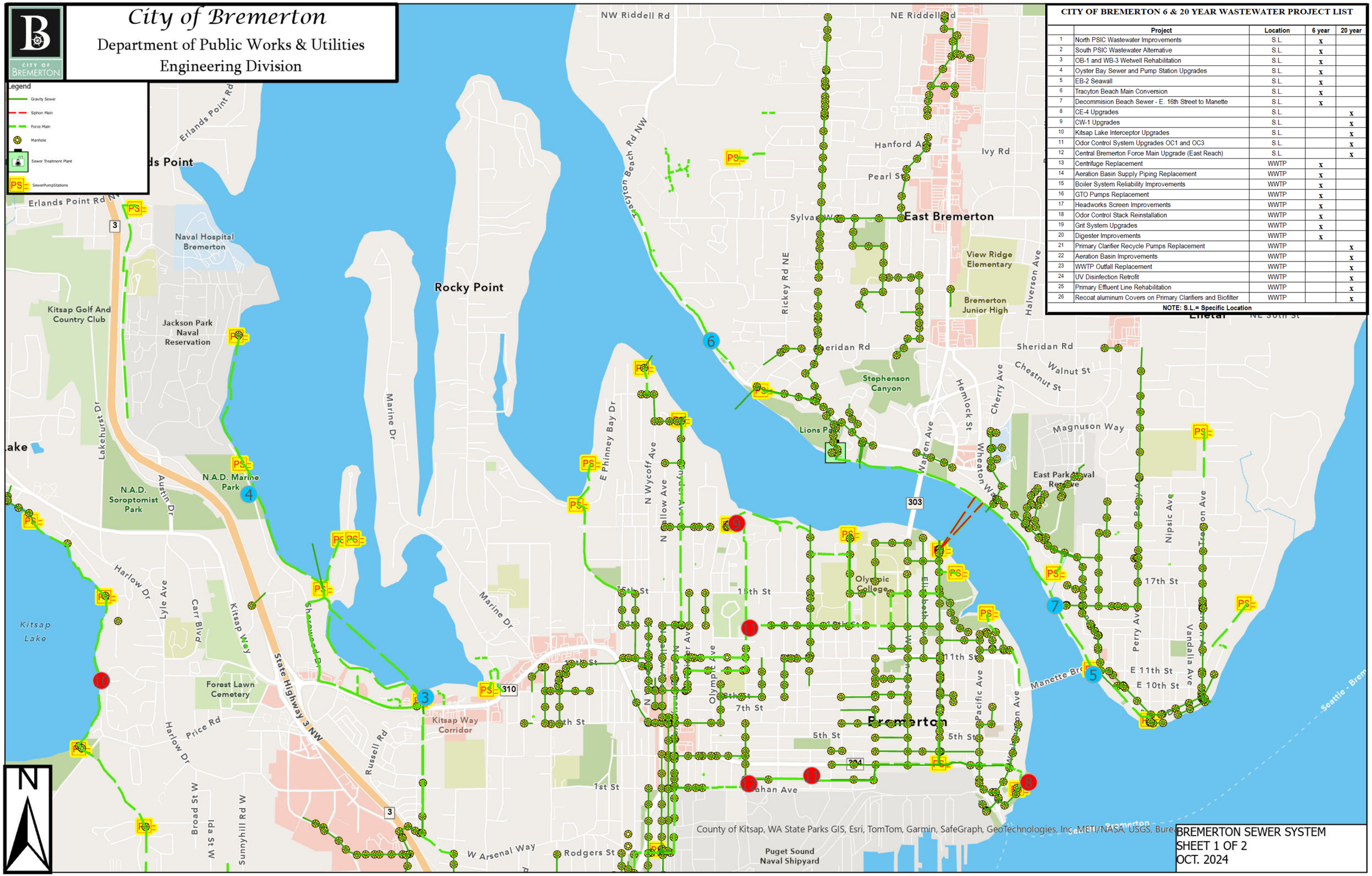
0 0.25 0.5 1 1.5 2 Miles

West Sound Utility District
2924 SE Lund Ave
Port Orchard, WA 98366
PHONE# 360-874-5008

Snugg Harbor
Beach
South Kitsap Water Reclamation Facility
Sinclair Heights
Aidan Place
Kitsap Gym
Future Mile Hill #1
Olney Creek
Orchard Court Retail
Madrona
Bridge View
Conifer Park
Orchard Bluff
Crownwood
Blueberry
Converse
Villa Carmel
Brada
Silver View
Fred Meyer
Grandridge
Future Cedar
Ridge Line
Future Bethel

City of Bremerton

Department of Public Works & Utilities
Engineering Division



CITY OF BREMERTON 6 & 20 YEAR WASTEWATER PROJECT LIST

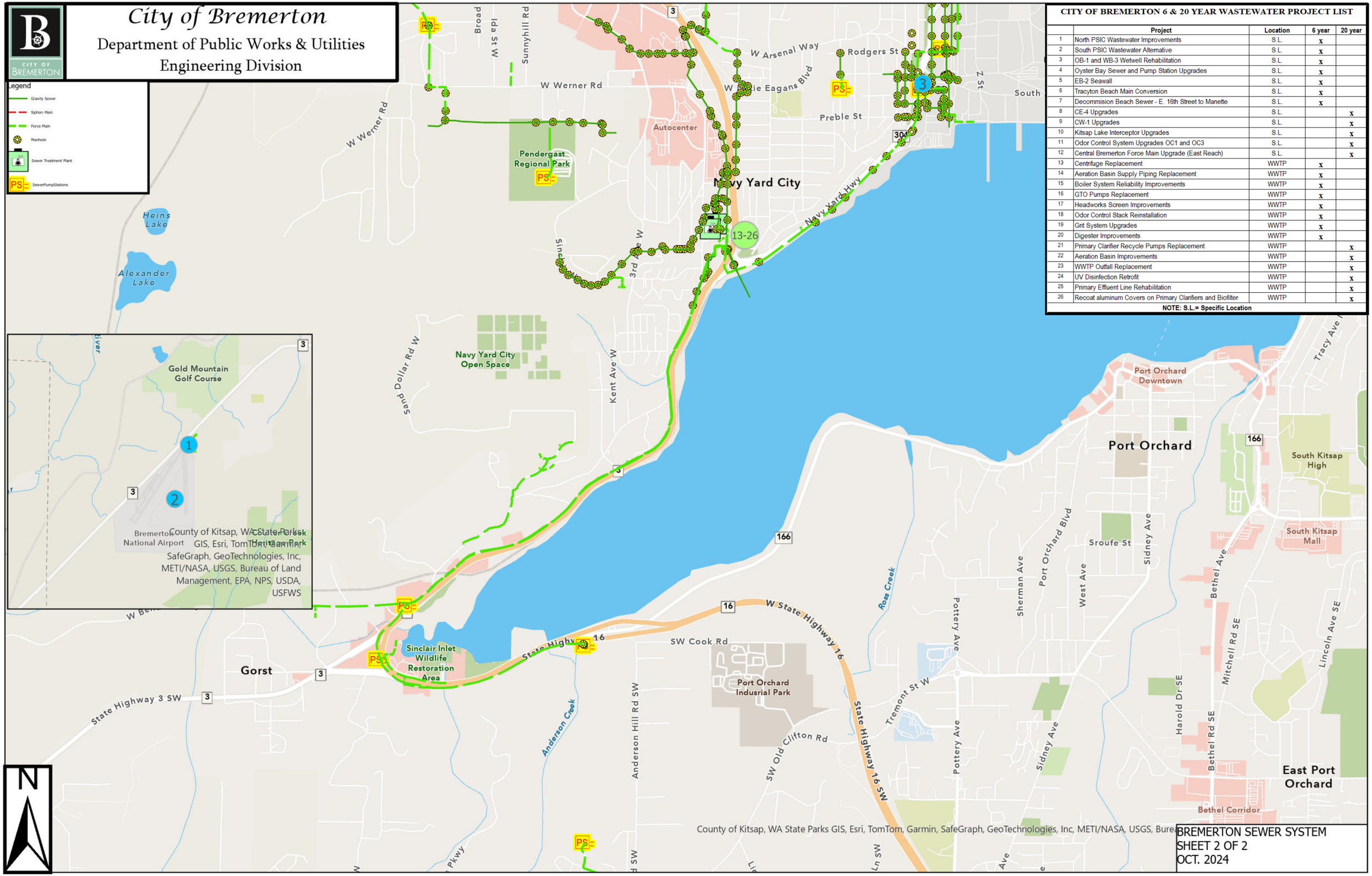
	Project	Location	6 year	20 year
1	North PSIC Wastewater Improvements	S.L.	x	
2	South PSIC Wastewater Alternative	S.L.	x	
3	OB-1 and WB-3 Wetwell Rehabilitation	S.L.	x	
4	Oyster Bay Sewer and Pump Station Upgrades	S.L.	x	
5	EB-2 Seawall	S.L.	x	
6	Tracyton Beach Main Conversion	S.L.	x	
7	Decommision Beach Sewer - E. 16th Street to Manette	S.L.	x	
8	CE-4 Upgrades	S.L.		x
9	CW-1 Upgrades	S.L.		x
10	Kitsap Lake Interceptor Upgrades	S.L.		x
11	Odor Control System Upgrades OC1 and OC3	S.L.		x
12	Central Bremerton Force Main Upgrade (East Reach)	S.L.		x
13	Centrifuge Replacement	WWTP	x	
14	Aeration Basin Supply Piping Replacement	WWTP	x	
15	Boiler System Reliability Improvements	WWTP	x	
16	GTO Pumps Replacement	WWTP	x	
17	Headworks Screen Improvements	WWTP	x	
18	Odor Control Stack Reinstallation	WWTP	x	
19	Grit System Upgrades	WWTP	x	
20	Digester Improvements	WWTP	x	
21	Primary Clarifier Recycle Pumps Replacement	WWTP		x
22	Aeration Basin Improvements	WWTP		x
23	WWTP Outfall Replacement	WWTP		x
24	UV Disinfection Retrofit	WWTP		x
25	Primary Effluent Line Rehabilitation	WWTP		x
26	Recoat aluminum Covers on Primary Clarifiers and Biofilter	WWTP		x

NOTE: S.L.= Specific Location

BREMERTON SEWER SYSTEM
SHEET 1 OF 2
OCT. 2024

City of Bremerton

Department of Public Works & Utilities
Engineering Division



CITY OF BREMERTON 6 & 20 YEAR WASTEWATER PROJECT LIST

	Project	Location	6 year	20 year
1	North PSIC Wastewater Improvements	S.L.	x	
2	South PSIC Wastewater Alternative	S.L.	x	
3	OB-1 and WB-3 Wetwell Rehabilitation	S.L.	x	
4	Oyster Bay Sewer and Pump Station Upgrades	S.L.	x	
5	EB-2 Seawall	S.L.	x	
6	Tracyton Beach Main Conversion	S.L.	x	
7	Decommision Beach Sewer - E. 16th Street to Manette	S.L.	x	
8	CE-4 Upgrades	S.L.		x
9	CW-1 Upgrades	S.L.		x
10	Kitsap Lake Interceptor Upgrades	S.L.		x
11	Odor Control System Upgrades OC1 and OC3	S.L.		x
12	Central Bremerton Force Main Upgrade (East Reach)	S.L.		x
13	Centrifuge Replacement	WWTP	x	
14	Aeration Basin Supply Piping Replacement	WWTP	x	
15	Boiler System Reliability Improvements	WWTP	x	
16	GTO Pumps Replacement	WWTP	x	
17	Headworks Screen Improvements	WWTP	x	
18	Odor Control Stack Reinstallation	WWTP	x	
19	Grit System Upgrades	WWTP	x	
20	Digester Improvements	WWTP	x	
21	Primary Clarifier Recycle Pumps Replacement	WWTP		x
22	Aeration Basin Improvements	WWTP		x
23	WWTP Outfall Replacement	WWTP		x
24	UV Disinfection Retrofit	WWTP		x
25	Primary Effluent Line Rehabilitation	WWTP		x
26	Recoat aluminum Covers on Primary Clarifiers and Biofilter	WWTP		x

NOTE: S.L.= Specific Location

BREMERTON SEWER SYSTEM
SHEET 2 OF 2
OCT. 2024

Bremerton Airport Area Sewer Map

11/20/2024, 9:15:04 AM

1:18,056

0 0.1 0.2 0.4 mi

0 0.15 0.3 0.6 km

Manhole

Sewer Mains

Pressure Mains

Private

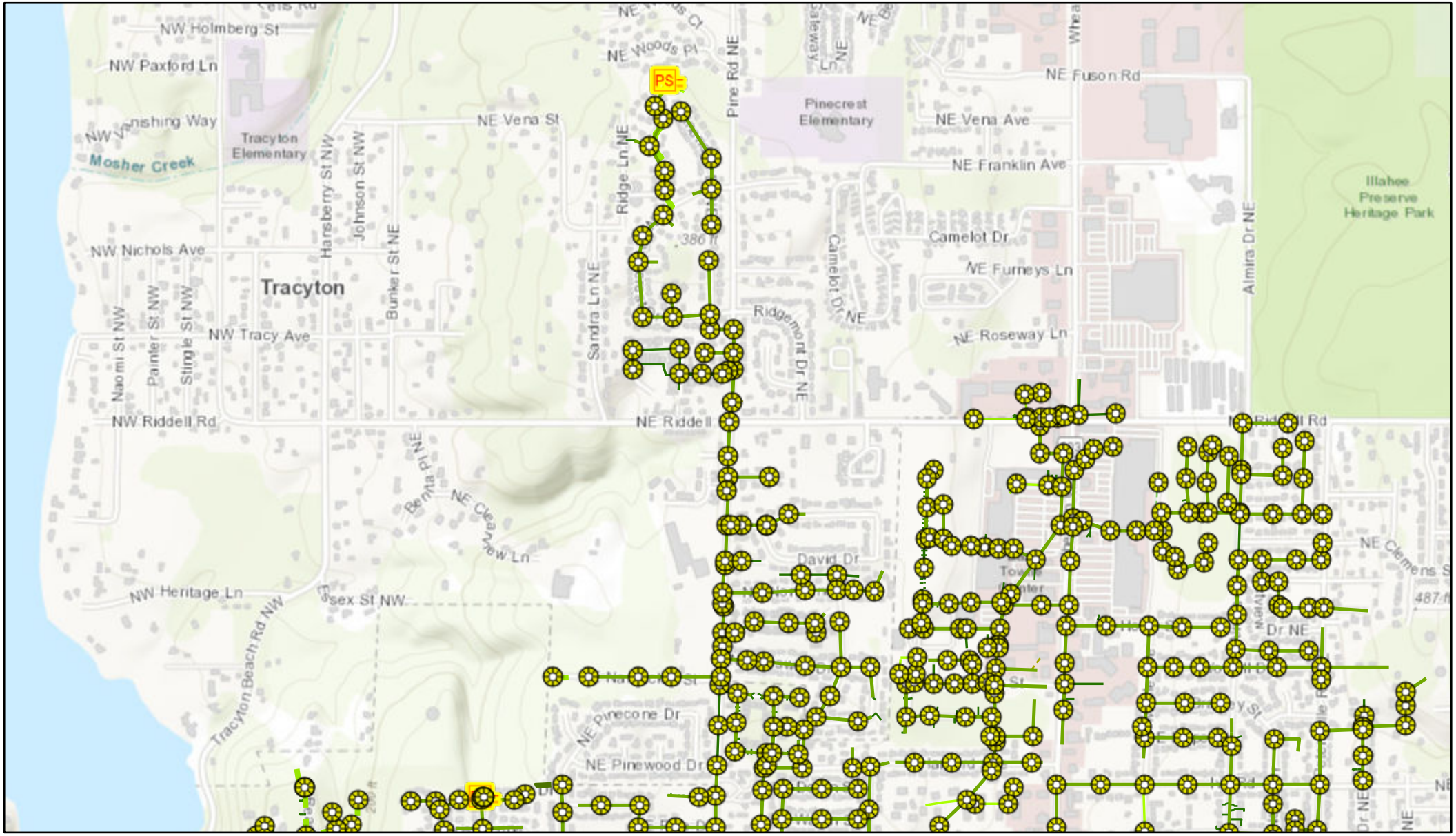
Collector

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Web AppBuilder for ArcGIS

County of Kitsap, Bureau of Land Management, Esri Canada, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA | Kitsap County GIS Data | 12/21/2020 - Kitsap Public Health

East Bremerton Area Sewer Map



11/20/2024, 9:17:28 AM

Manhole

SewerPumpStations

Sewer Mains

COB

County

Private

Pressure Mains

Collector

Transmission

Laterals

Gravity

Pressure

<all other values>

1:18,056

0 0.1 0.2 0.4 mi

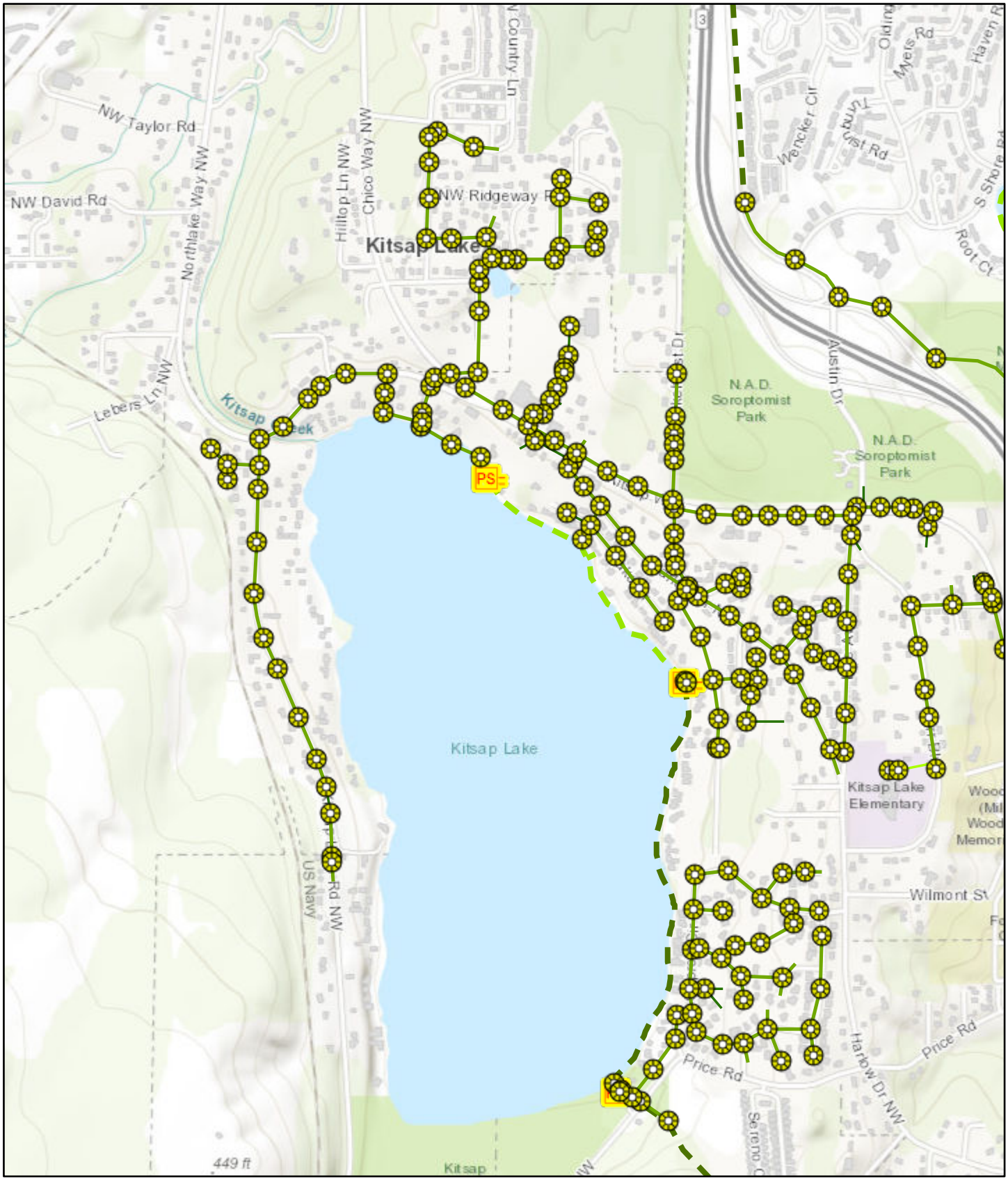
0 0.15 0.3 0.6 km

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Web AppBuilder for ArcGIS

County of Kitsap, Bureau of Land Management, Esri Canada, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA | Kitsap County GIS Data | 12/21/2020 - Kitsap Public Health Department |

Kitsap Lake Area Sewer Map



11/20/2024, 9:04:50 AM

1:18,056

0 0.1 0.2 0.4 mi

0 0.15 0.3 0.6 km

Manhole

SewerPumpStations

Sewer Mains

COB

Private

Pressure Mains

Collector

Transmission

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

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Gorst Area Sewer Map

11/20/2024, 9:13:33 AM

1:20,000

0 0.1 0.2 0.4 mi

0 0.17 0.35 0.7 km

Manhole

SewerPumpStations

Sewer Mains

COB

Pressure Mains

Collector

Transmission

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

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