

# NANOOSE BAY PENINSULA WATER SERVICE AREA

UPGRADES AND  
IMPROVEMENTS  
REFERENDUM – NOVEMBER 15

*October 6<sup>th</sup>, 2014 – Nanoose Place*

# What we will cover tonight

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- Discuss the referendum on borrowing \$2.6 million for upgrades and improvements
- Provide an update on the Englishman River Water Service

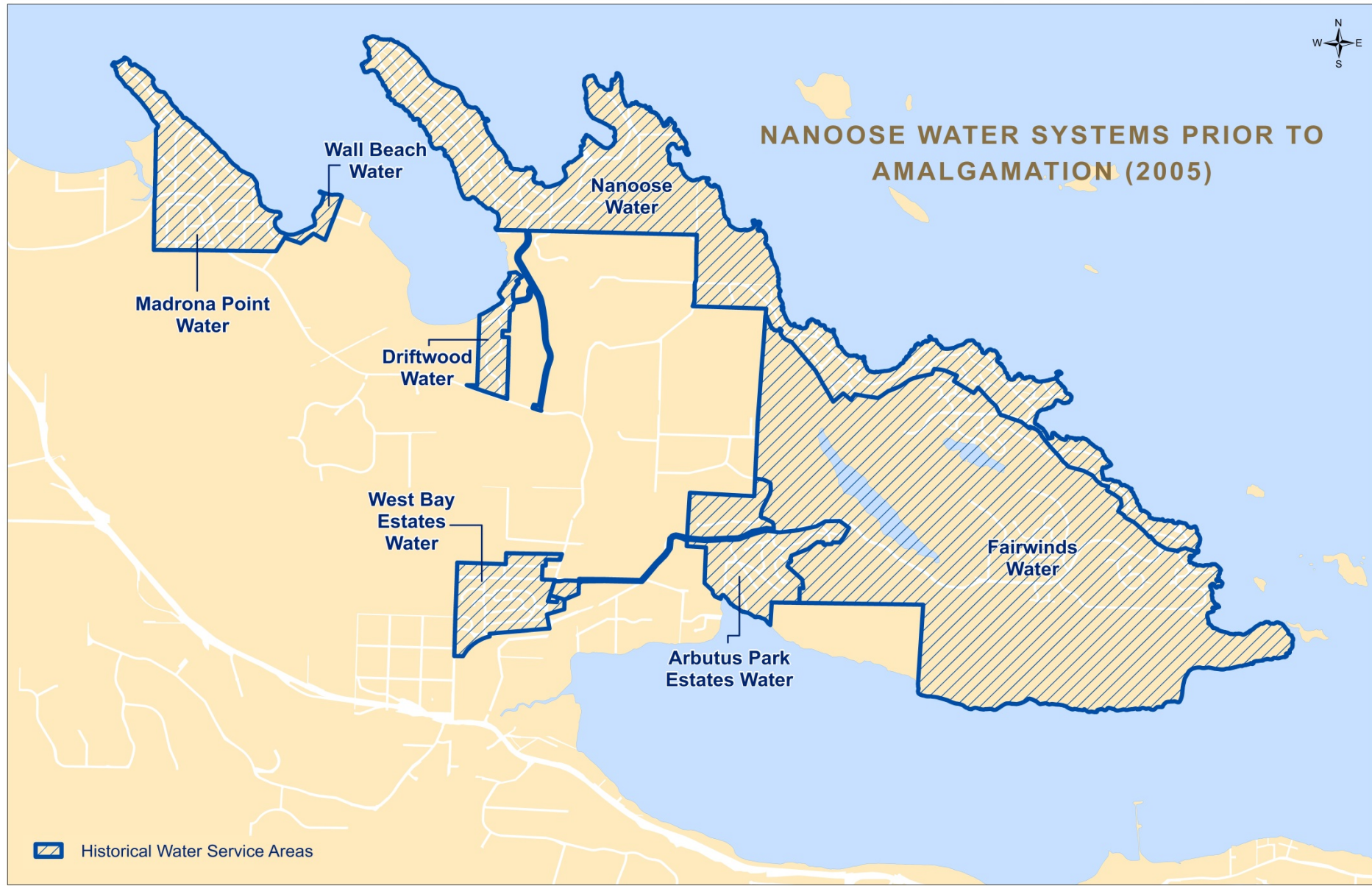
# What is the NBPWSA?

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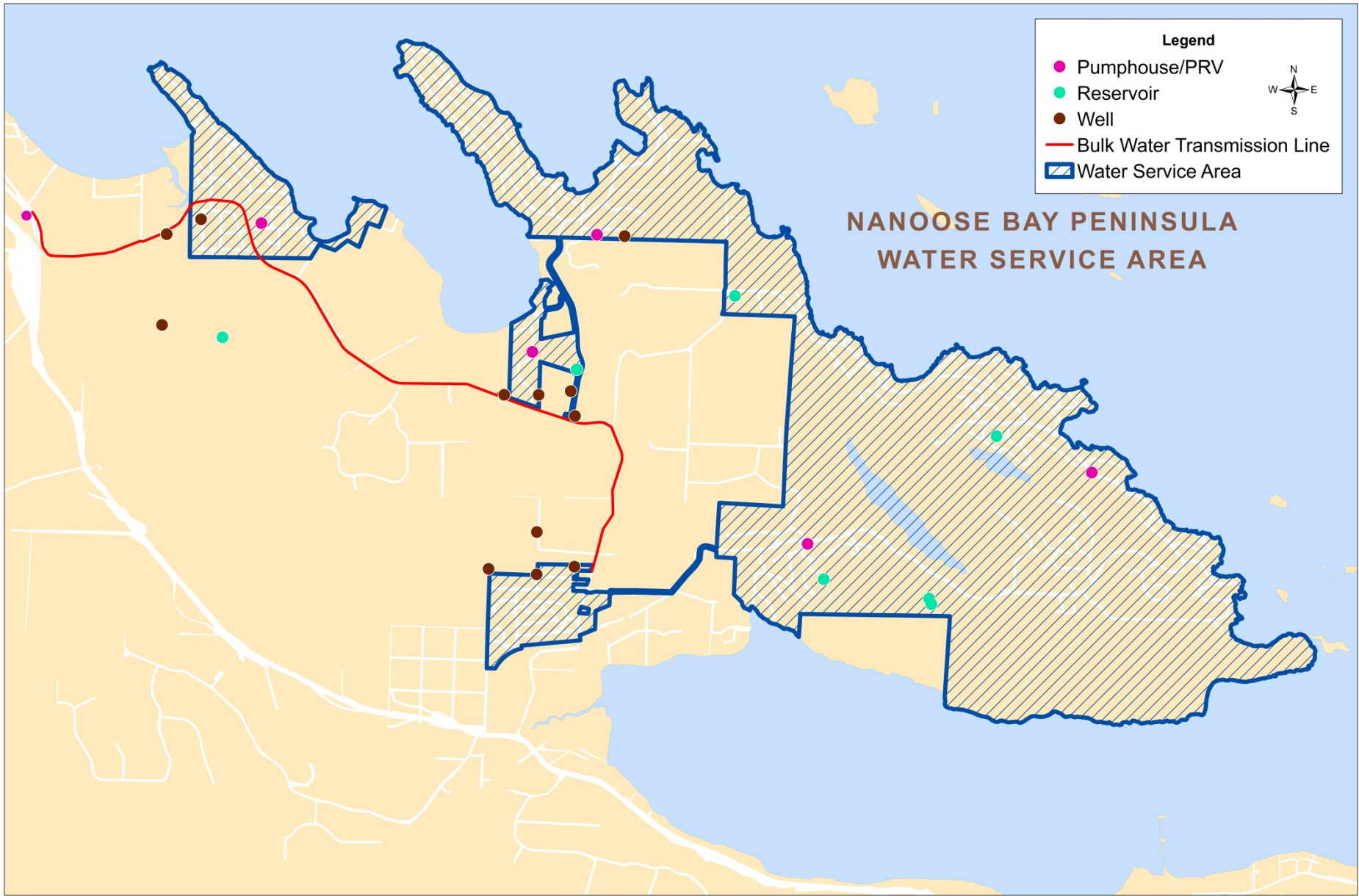
- ◉ 7 Systems in one
  - Madrona, Wall Beach, Driftwood, Nanoose, West Bay, Arbutus Park Estates and Fairwinds
- ◉ Amalgamation in 2005
- ◉ Approximately 82 kilometres of pipe
- ◉ Over 325 fire hydrants
- ◉ 7 Reservoirs
- ◉ 11 Wells
- ◉ Pump stations and other facilities



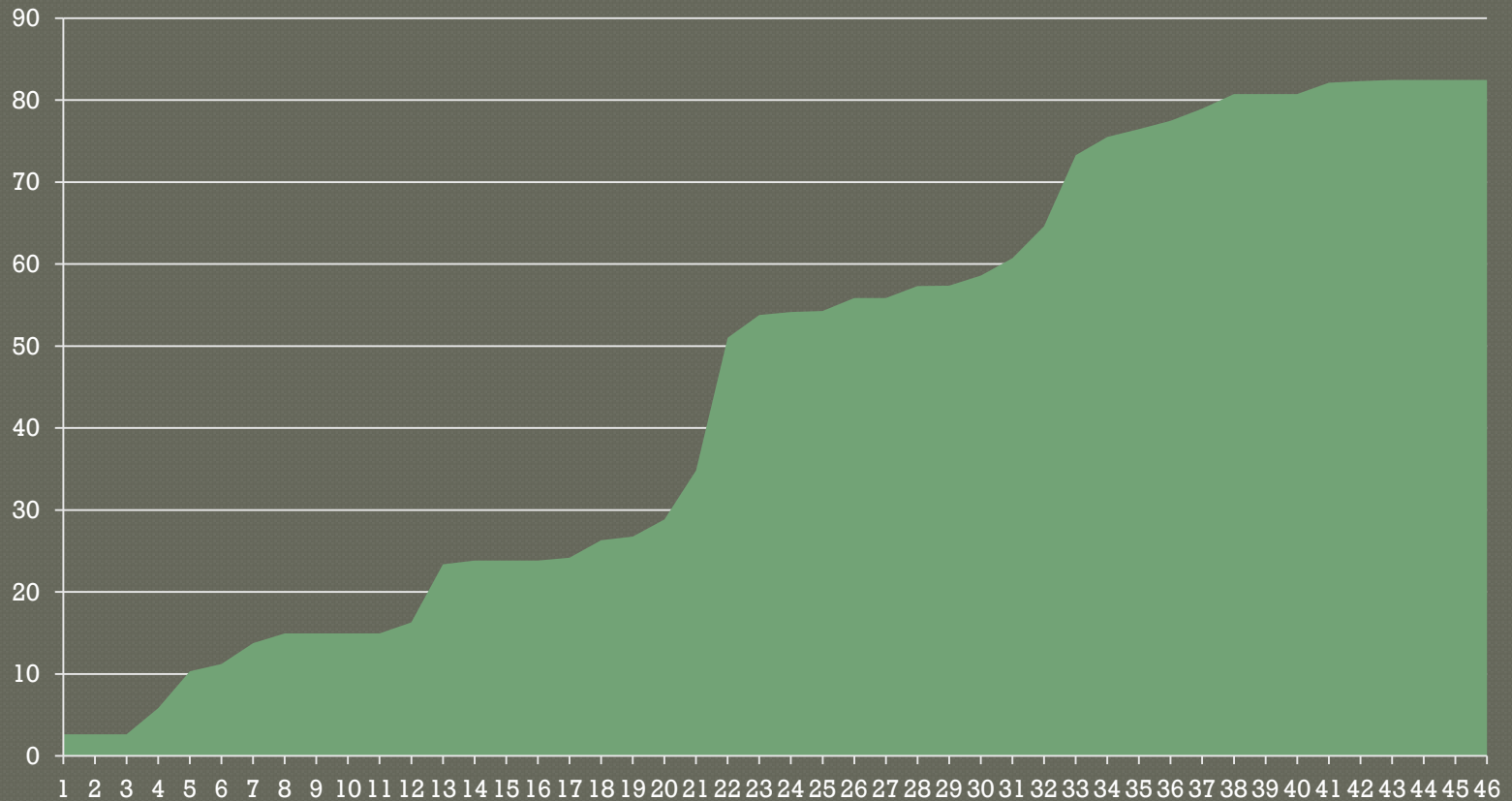
# NANOOSE WATER SYSTEMS PRIOR TO AMALGAMATION (2005)







# Pipe Inventory Growth Since 1969 (km's)

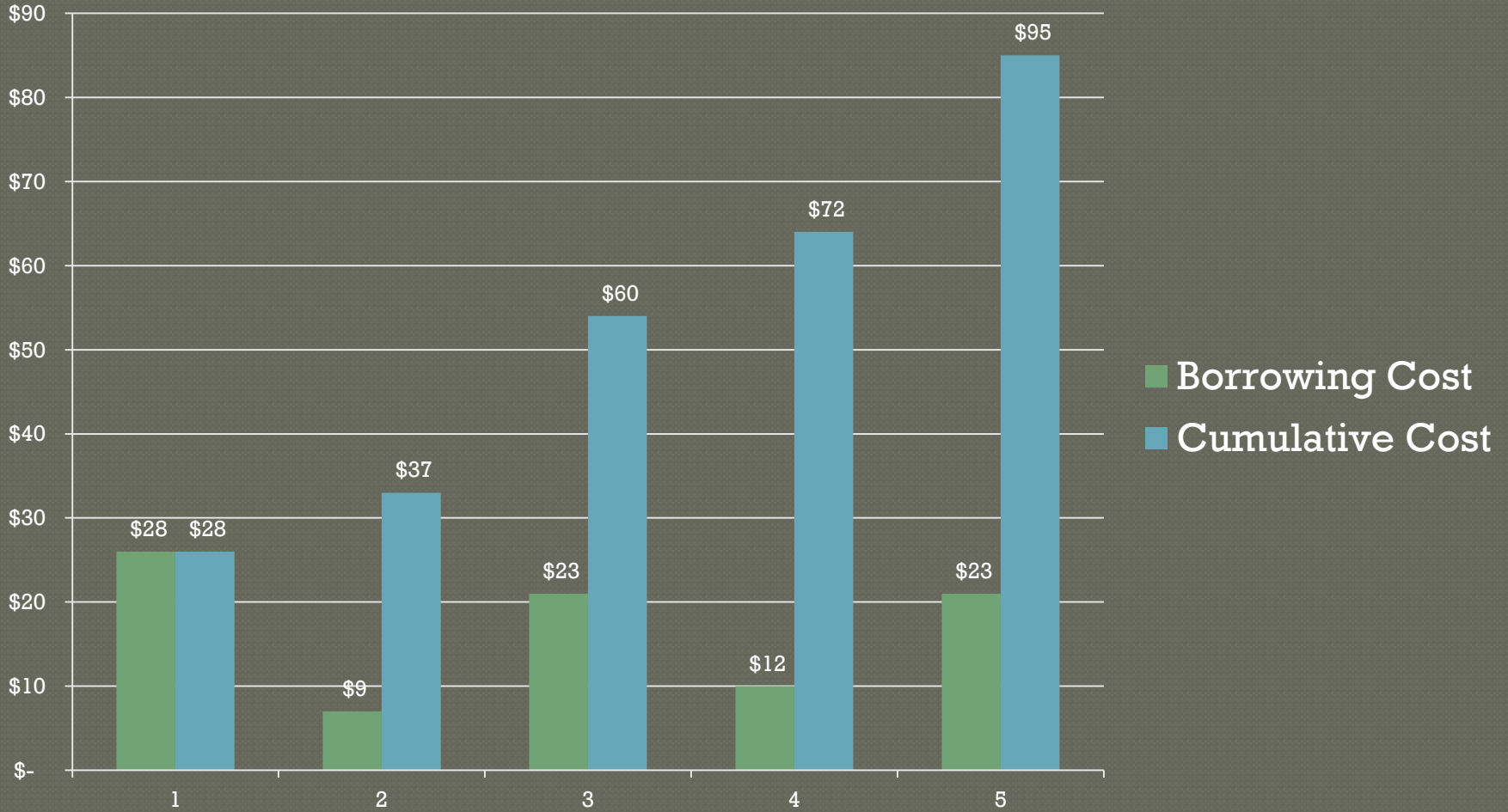


1969 - 2014

	<b>Project Description</b>		<b>Borrowing Required</b>
2015	Garry Oak Drive PRV	\$	52,300
2015	Harlequin/Sea Lion Loop & Footbridge	\$	237,500
2015	Arbutus Crescent Main	\$	167,100
2015	Hemlock Drive Main	\$	78,000
2015	Ashcraft Road Main	\$	120,000
2016	Armstrong / McDivitt Loop	\$	200,600
2016	West Bay PRV Upgrade	\$	12,700
2017	Marine Drive Watermain Replacement	\$	155,100
2017	Garry Oak Drive & Spruce Lane Main	\$	260,000
2017	Anchor Way Watermain Replacement	\$	229,700
2018	West Bay Pump house Upgrade	\$	114,900
2018	Dolphin Drive Main	\$	100,000
2018	Outrigger Road Main	\$	122,600
2018	DCC Major Update Study	\$	11,500
2019	Dorcas Point Rd Main	\$	612,671
		<b>Total \$</b>	<b>2,474,671</b>

# Estimated Annual Parcel Tax

## 5 Year Construction Period – 20 Year Amortization





# Some Questions You May Have

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- ◉ Who pays?
- ◉ Can we use reserves?
- ◉ How much will this cost me?
- ◉ Will development contribute to the cost?
- ◉ Why doesn't development pay for everything?
- ◉ What if the referendum fails?

# Questions?

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Thank you

# Englishman River Water Service Update

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- No referendum in November
- What will be the total cost for Nanoose?
- Next steps
  - Grant funding requests
  - Phased design
  - Discussions with Island Health

# Nanoose Bay Peak Daily Water Supply/Demand

