

## Funding the General Sewer Plan

The city began updating the sewer comprehensive plan in 2014. The council adopted the final plan April 4, 2016. The city is now working to step up rates over the next six years to pay for the recommended maintenance, capital infrastructure improvements and set the stage for sustainable future management.

View the plan  
[www.langelywa.org](http://www.langelywa.org)



### THE SEWER SYSTEM

The City owns and operates a 150,000 gallon per day wastewater treatment plant constructed nearly 25 years ago. There are 6.87 miles of pipe, and three lift stations that convey raw sewage to the Coles Road facility. The treated water flows through 7,200 feet of pipe into Saratoga Passage, the solids are treated and composted on site.

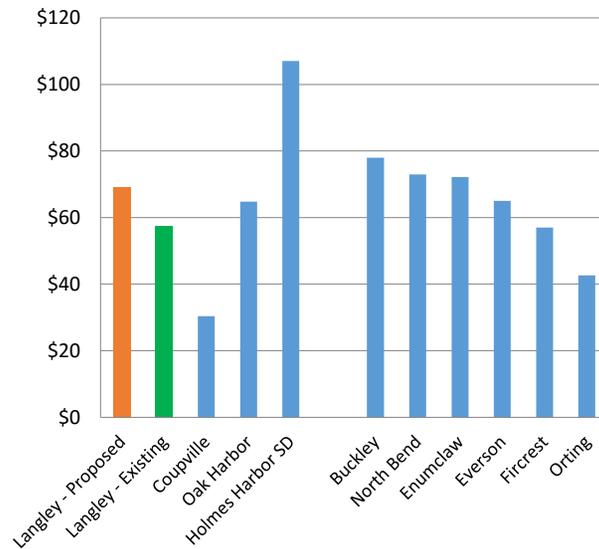
The rate increase outlined will be discussed June 6<sup>th</sup>, 5:30 pm at the City Council Meeting. The City encourages your attendance.

## City of Langley

112 2<sup>nd</sup> Street  
 Langley, WA 98260

## COST COMPARISON Whidbey Island vs. Off-Island

### Monthly Residential Sewer Rates (using 3,740 gallons per month)



Compares the sewer bill for a residence using 3,740 gallons per month (500 cubic feet) based on 2016 rates available on websites.  
 Provided by Katy Isaksen and Associates

Questions? Contact:  
**Stan Berryman**  
**360. 221.4246 x13**  
[sberryman@langleywa.org](mailto:sberryman@langleywa.org)

## CURRENT RATES VS. PROPOSED RATES

All totals are based on Bi-monthly rates (6 bills per year)

Rate Classification	Year	Base rate	(+) Volume Rate (over base allowance)	(-) Average Bill (6500 gallons)	Increase per two month bill
<b>Residential</b>					
<i>base allowance = 3,750 gallons, use winter average volume for summer</i>	<b>Current</b>	\$60.16	\$1.475/100 gallon* <sup>1</sup>	\$100.72	-
	<b>2016</b>	\$72.19	\$1.77/100 gallons	\$120.87	\$20.15
	<b>2017</b>	\$86.63	\$2.12/100 gallons	\$144.93	\$24.06
	<b>2018</b>	\$103.96	\$2.54/100 gallons	\$173.81	\$28.88
<b>Commercial (includes Utility Local Improvement District Surcharge)</b>					
<i>base allowance = 3,750 gallons</i>	<b>Current</b>	\$69.00	\$1.635/100 gallon* <sup>1</sup>	\$113.96	-
	<b>2016*</b>	\$82.80	\$1.96/100 gallons	\$136.70	\$22.74
<b>Bed &amp; Breakfast (includes Utility Local Improvement District Surcharge)</b>					
<i>3750 gal Nov-Feb, 6000 gal Mar-Oct</i>	<b>Current</b>	\$69.00	\$1.635/100 gallon* <sup>1</sup>	\$113.96	-
	<b>2016*</b>	\$82.80	\$1.83/100 gallons	\$136.70	\$22.74

\* 2017 and 2018 Commercial and Bed and Breakfast Rates will increase proportionate to residential

\*<sup>1</sup> Current charges are per one gallon and will be updated to one hundred gallons to maintain continuity in the City Fee Schedule



Worn pump impeller

## Projects to be Completed Immediately

### PUMP STATION IMPROVEMENTS

Significant deficiencies have been identified at Sunrise Pump Station located near the marina. The original pumps, telemetry, ventilation and electrical controls do not meet current standards and need to be replaced.

**Cost Estimate \$236,200**

### PIPELINE REHAB AND REPLACEMENT

Six areas in the network of sewer pipelines are identified for immediate repair. Issues to be corrected include root intrusion, infiltration, broken and sagging pipelines. Another eight areas have been identified to be corrected near term (within 6 years).

**Cost Estimate \$1,007,500**



Corroded pipe removed from lift station #1 in 2016

### WASTEWATER TREATMENT PLANT REMEDIATION

The Programmable Logic Controller (PLC) or the brain of the treatment plant is outdated, this makes it difficult to repair, requires additional and costly maintenance and jeopardized plant reliability.

**Cost Estimate \$161,000**

The emergency generator needs to be upsized. The current generator cannot support all necessary equipment to maintain adequate treatment during an extended power outage.

**Cost Estimate \$186,400**