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.

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

City of Langley
112 2nd Street
Langley, WA 98260

Questions? Contact:
Stan Berryman
360.221.4246 x13
sberryman@langleywa.org
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

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The Programmable Logic Controller (PLC) or the brain of the treatment plant is outdated, this makes it difficult to repair, requires additional and costly maintenance and jeopardized plant reliability.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

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

Worn pump impeller

Corroded pipe removed from lift station #1 in 2016

CURRENT RATES VS. PROPOSED RATES
All totals are based on Bi-monthly rates (6 bills per year)

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

* 2017 and 2018 Commercial and Bed and Breakfast Rates will increase proportionate to residential
*¹ Current charges are per one gallon and will be updated to one hundred gallons to maintain continuity in the City Fee Schedule

Residential base allowance = 3,750 gallons, use winter average volume for summer
Commercial base allowance = 3,750 gallons
Bed & Breakfast base allowance = 3,750 gallons

*Current charges are per one gallon and will be updated to one hundred gallons to maintain continuity in the City Fee Schedule.