PASS-THROUGH CALCULATION FOR SANITARY SEWER TREATMENT RATES

|  | $\underline{\text { NEW RATE }}$ | BASE RATE |
| :--- | :--- | :--- |
| JSEWD cubic feet of <br> water consumption | $8,837,527.872393898$ <br> $(66,109,304$ <br> gallons $/ 7.48052)^{*}$ | $8,837,527.872393898$ |
| Volumetric rate | $\$ 6.75 / 100$ | $\$ 6.43 / 100$ |
| Resulting Cost | $\$ 596,533.1313865881$ | $\$ 568,253.0421949276$ |

INCREASED COST OF \$28,280.0891916605
Increased cost
Divided by (cubic feet of water sold/100)

$$
\begin{aligned}
& \frac{\$ 28,280.0891916605}{88,375.27872393898}= \\
& \$ 0.3100000000000004 \\
& \text { per } 100 \text { cubic feet }
\end{aligned}
$$

$$
\frac{\$ 0.3200000000000003}{100 \text { cubic feet }}=\frac{\$ x}{1000 \text { gallons }}
$$

$$
\frac{\$ 0.3200000000000003}{748.052 \text { gallons }^{*}}=\frac{\$ x}{1000 \text { gallons }}
$$

$$
\$ 320.0000000000003=\$ \mathrm{x}
$$

$$
748.052
$$

\$0.4277777480709901 per 1,000 gallons; rounded up** to
$\$ 0.43$ per 1,000 gallons

* Google provides that one cubic foot of water converts to 7.48052 gallons
** Without rounding up, JSEWD would never fully recover its increased costs


## EXHIBIT "B"

g: \...\JSEWD $\backslash$ Sanitation $\backslash$ LFUCG 2020 Pass Thru $\backslash$ Flow through $\backslash$ Calculation

