

State of Florida



# Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD  
TALLAHASSEE, FLORIDA 32399-0850

**-M-E-M-O-R-A-N-D-U-M-**

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**DATE:** June 14, 2018

**TO:** Carlotta S. Stauffer, Commission Clerk, Office of Commission Clerk

**FROM:** Douglas Wright, Engineering Specialist I, Division of Engineering 

**RE:** Docket No. 20180021-WU- Application for staff-assisted rate case in Highlands County by Country Walk Utilities, Inc.

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Please file the attached spreadsheet and annualized chemical expense calculation in the above mentioned docket file.

Thank you

## Doug Wright

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**From:** Troy Rendell <trendell@uswatercorp.net>  
**Sent:** Wednesday, June 13, 2018 9:47 AM  
**To:** Doug Wright  
**Subject:** Country Walk Chemicals  
**Attachments:** Country Walk - Annual Chemicals.xlsx; Country Walk Annualized Chemicals.pdf

Good morning Doug,

I've attached two separate items. The first is the actual chemical costs from June 2017 through May 2018. The second is our calculated annualized chemical cost with the new treatment. We've calculated the annualized amount to be \$3,749.

Troy Rendell  
U.S. Water Services Corporation  
**U.S. Water**  
**Services Corporation**  
4939 Cross Bayou Boulevard  
New Port Richey, FL 34652  
(Office) 727-848-8292 x245  
(Fax) 727-848-7701  
(E-Mail) [trendell@uswatercorp.net](mailto:trendell@uswatercorp.net)

Country Walk Utilities  
Chemicals

Jun-17    Jul-17    Aug-17    Sep-17    Oct-17    Nov-17    Dec-17    Jan-18    Feb-18    Mar-18    Apr-18    May-18

<b>Sulfuric Acid</b>			280 Gal		215 Gal				220 Gal			216 Gal	
			\$ 2.15		\$ 2.15				\$ 2.15			\$ 2.15	
			\$ 602.00		\$ 462.25				\$ 473.00			\$ 464.40	\$ 2,001.65
<b>Chlorine</b>	135 Gal	100 Gal	70 Gal	20 Gal		30 Gal		40 Gal	15 Gal	55 Gal	60 Gal		
	\$ 1.05	\$ 1.05	\$ 1.05	\$ 1.05		\$ 1.05		\$ 1.05	\$ 1.05	\$ 1.05	\$ 1.05		
	\$ 141.75	\$ 105.00	\$ 73.50	\$ 21.00		\$ 31.50		\$ 42.00	\$ 15.75	\$ 57.75	\$ 63.00		\$ 551.25
<b>Sodium Hydroxide</b>			280 Gal										
			\$ 4.00										
			\$ 1,120.00										\$ 1,120.00
												<u>\$ 3,672.90</u>	

Chemical use in Country Walk new treatment system

Initial delivery

Acid (50%) 280 gallons @ \$2.15/gal

Caustic (50%) 280 gallons @ 4.00/gal

August 29<sup>th</sup> thru Oct. 18<sup>th</sup>

Total Flow 0.720 MG

Acid usage = 198 gallons used = \$426.00

Caustic Usage= 5.8 gallons used =\$23.00

Total =449.00

Chlorine est 0.85 gpd @ \$1.30/gal 1.11 gpd @ 49 days = \$54.00

Grand total chemicals used = \$503.00

Chemical cost/day = \$503/49 days =\$10.27/day

\$10.27x 365 days = \$3,749/yr

Previous 12 months chlorine consumption = 865 gallons @ \$1.30/gallon = \$1,125/yr

Increased cost of chemicals =\$2,624/yr