

TOWN OF RICHMOND WASTEWATER TREATMENT FACILITY

July 2019 Bill for: Stone Corral Brewery incl. all waste water

Monthly Flow in MGD

0.003525

C/O Peter & Heidi Bormann Huntington Road Acct. # 1760 Month of JULY 2019

				Monthly Costs
	BOD Loading:(Per Stone Corral report)		2334	
	Loading =		68.6	lbs
	Less normal load (250 BOD x monthly flow x 8.34)		7.3	lbs
	Excess=		61.3	lbs
	Surcharge (\$152,700 WW costs / 180,758 lbs/BOD/yr/)		0.85	/lb.
	MONTHLY BOD COST			\$52.08
	TSS Loading:(Per Stone Corral report)		NA	
	Loading =		NA	lbs
	Less normal load (250 TSS x monthly flow x 8.34)		NA	lbs
	Excess=		NA	lbs
	Surcharge (250,887 lbs/BOD/yr/\$152,700 WW costs)		0.61	/lb.
	MONTHLY TSS COST			
	Commercial/Government WW base (\$562.56) /12			46.88
	Fee to reserve loading (15% x \$562.56) = \$84.38 /12)			7.03
	MONTHLY CAPITAL COST			\$53.91
	Wastewater from process		3,525	gallons
	Wastewater from water meter(40400 -2742-1535-15)		36,108	gallons
	Total WW Flow for month		39633	gallons
	User Rate WW per 1000 gallons		17.83	
	Total Flow charge (flow x fee/1000 gallons)		706.66	
	Pre-treatment testing			
	MONTHLY FLOW COST			\$706.66
	TOTAL, ALL REGULAR COSTS TO BE BILLED FOR THIS MONTH			\$812.64

Total Waste Water Budget	
Wastewater Administration	192388
Wastewater Flow Costs	54200
Wastewater Load Costs	152700 Cost to treat BOD.
Wastewater Capital Costs	182712
<u>Total</u>	<u>582000</u>

At 365 Days, 5/1/18 – 4/30/19; Total Influent BOD Pounds = 180,758 lb/BOD/yr

Surcharge Rate for BOD = \$152,700/180,758 or \$0.85

Non-process WW is the water meter reading usage off the state report, minus beer, HSBW and SFHT. For July, the water usage is 1400110 – 1359730 = 40400 gallons.