

TOWN OF RICHMOND WASTEWATER TREATMENT FACILITY

July 2019 Bill for: Stone Corral Brewery including only BOD 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
	Flow Component, based on Wastewater Contribution				
	Total Flow for month		3,525	gallons	
	User Rate WW per 1000 gallons		17.83		
	Total Flow charge (flow x fee/1000 gallons)		62.85		
	MONTHLY FLOW COST				\$62.85
	TOTAL, ALL REGULAR COSTS TO BE BILLED FOR THIS MONTH				\$168.84

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

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