

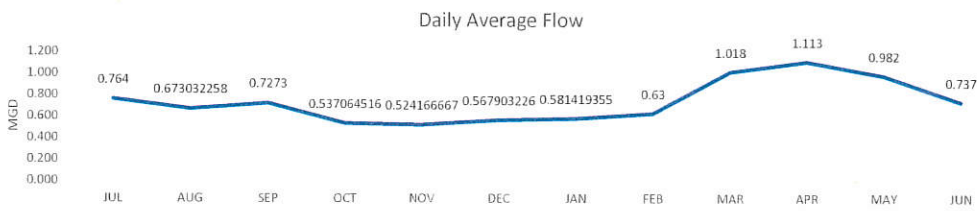
## City of Buchanan Wastewater Reporting May 2026

	March 2026	February 2026	January 2026	March 2025	
<b>PLANT FLOW</b>					
DAILY AVERAGE (MG)	0.634	0.548	0.519	0.865	
MAXIMUM DAY (MG)	0.886	0.748	0.616	1.269	
GAL/CAP/DAY	144	125	118	197	
<b>FINAL EFFLUENT</b>					
					<b>Regulatory Limit</b>
CARB-BOD (mg/l)	3	3	3	2	25 mg/l
SUSPENDED SOLIDS (mg/l)	7	5	5	5	30 mg/l
VOLATILE SOLIDS (mg/l)	6	4	4	4	
PHOSPHORUS (mg/l)	0.92	0.76	0.63	0.65	1.0 mg/l
FECAL COLIFORM / 100 ML	64	19	36	3	200 ct/100 ml
pH	7.3	7.1	7.1	7.4	6.5 - 9.0
DISSOLVED OXYGEN (DO) in mg/l	4.6	5.1	4.6	5.9	3.0 mg/l min.
<b>PRIMARY INFLUENT</b>					
FLOW(MG)	1.1800	0.6300	0.5810	1.0180	
SUSPENDED SOLIDS (mg/l)	198.0	168.0	147.0	170.0	
VOLATILE SOLIDS (mg/l)	161.0	148.0	128.0	148.0	
<b>MIXED LIQUOR</b>					
SUSPENDED SOLIDS (mg/l)	3880.0	4107.0	4135.0	5341.0	
VOLATILE SOLIDS (mg/l)	2869	3027	2934	3948	
<b>POWER AND GAS</b>					
<b>POWER</b> KWH/MG	1,788	2,895	3,148	1,975	
KWH / #CBOD	2.85	3.82	4.26	3.29	
<b>NATURAL GAS (100 CU. FT.)</b>	561	523	602	396	
MG	23.619	17.641	18.024	31.545	influent
KWH	42,240	51,072	56,736	62,304	X96
Inf # CBOD	14,807	13,382	13,314	18,962	

Influent Data  
Fiscal Year 2025-2026

Month	PREP. INCH.	Flow		Influent Quality								PER CAPITA LOADING (4,400 est)				
		TOTAL MGAL	DAILY AVG MGD	pH SU	BOD-5		S.S.		TOTAL -P		VSS MG/L	NH3-H MG/L	DAILY AVERAGE			
					MG/L	LBS	MG/L	LBS	MG/L	LBS			MG/L	LBS	FLOW GAL	BOD LBS
JUL		23.677	0.764	7.658	91	529	421	2,586	4.2	20.8	197	13.1	0.763774			
AUG		20.864	0.673032	7.661	111	583	629	3,626	4.8	29.9	270	18.8	0.673			
SEP		21.819	0.7273	7.577	126	684	525	2,982	4.8	25.7	224	17.1	0.7273			
OCT		16.649	0.537065	7.71	181	684	441	1,685	7.4	29.3	311	20.7	0.537065			
NOV		15.725	0.524167	7.813	166	592	304	1,080	5.3	20.5	252	25.3	0.524			
DEC		17.605	0.567903	7.629	145	589	257	1032	5.7	21.4	222	33.8	0.567			
JAN		18.024	0.581419	7.623	100	429	147	629	3.4	14.8	128	22.7				
FEB		17.641	0.63	7.662	105	478	168	753	5.9	25.2	148	24.2				
MAR		23.619	1.018	7.771	91	478	198	1060	3	16.7	161	20.3				
APR			1.113													
MAY			0.982													
JUN			0.737													

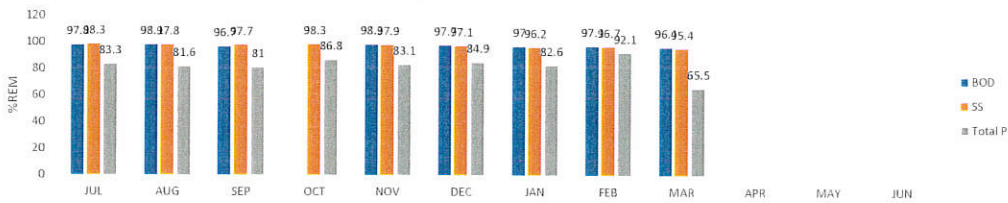
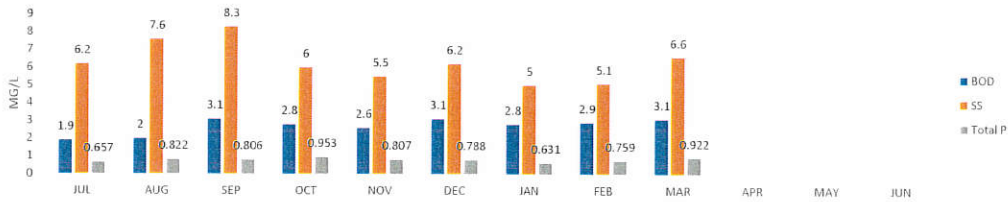
Yearly Total	175.623			5046		15,433		204.3								
Daily Average		0.061491	7.678222	124	560.6667	343.3333	1714.778	4.944444	22.7	212.5556	21.77778					



Effluent Data  
Fiscal Year 2025-2026

Month	CARB-BOD-5			Suspended Solids			TOTAL -P			pH	NH3-N	DO MIN	Daily DO Avg	Fecal Coliform	Process Loading		
	MG/L	lbs	%REM	MG/L	LBS	%REM	MG/L	LBS	% REM						D.T. HRS	GAL/FT <sup>3</sup> /DAY	GAL/ LN FT/DAY
JUL	1.9	12	97.8	6.2	39	98.3	0.657	3.8	83.3	7.3	0.02	5.2	6.1	17			
AUG	2	11	98.1	7.6	41	97.8	0.822	4.5	81.6	7.3	0.03	4.7	6.1	14			
SEP	3.1	19	96.7	8.3	53	97.7	0.806	4.2	81	7.1	2.19	4.8	5.6				
OCT	2.8	11	98.3	6	23	98.3	0.953	3.8	86.8	7.1	0.17	4.5					
NOV	2.6	9	98.3	5.5	19	97.9	0.807	2.9	83.1	7.2	0.46	4.3	5.5				
DEC	3.1	13	97.7	6.2	26	97.1	0.788	3.3	84.9	7.1	4.35	4.8	5.4	52			
JAN	2.8	12	97	5	22	96.2	0.631	2.8	82.6	7.1	1.3	4.6	5.6	36			
FEB	2.9	13	97.1	5.1	23	96.7	0.759	3.5	92.1	7.1	1.35	5.1	5.7	19			
MAR	3.1	16	96.4	6.6	35	95.4	0.922	5	65.5	7.3	0.89	4.6	5.7	64			
APR																	
MAY																	
JUN																	

Yearly Total		116			281			33.8								
Daily Average	2.7	0.035312	97.3875	6.277778	0.769863	97.26667	0.793889	0.092603	82.32222	7.17778	1.195556		5.7125	33.66667	#DIV/0!	



Miscellaneous Data														
Fiscal Year 2025-2026														
Month	Purchase Gas		City Water		Electric		P removal Chem				Other Parameters			
	CF(Monthly)	AVG	CF	AVG	KWH	AVG for the	Fe		POLYMER		KWH/MG	KWH/# PRI EF BOD	FE APPLIC MG/L	POLYMER APPLIC MG/L
							LBS	AVG	LBS	AVG				
SF CODE														
JUL	57	1.83871	123,971	3999.065	50112	522								
AUG	39	1.258065	129,774	4186.258	48000	500								
SEP	70	2.333333	118,063	3935.433	46272	482								
OCT	64	2.064516	215,167	6940.871	43392	452								
NOV	119	3.966667	275,258	9175.267	50496	526								
DEC	468	15.09677	301,660	9730.968	56256	586								
JAN	602	19.41935	279,013	9000.419	56736	561								
FEB	523	18.67857	200,459	7159.25	51072	532								
MAR	561	18.09677	160,271	5170.032	42240	440								
APR		0		0										
MAY		0		0										
JUN		0		0										
Yearly Total	2503		1803636		444576		0		0					
Daily Average		6.896064		4941.464		511.2222		#DIV/0!		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	

