

City of Bartlett WWTP # 1

Nutrient Data Summary

<u>TOTAL P</u>	<u>2021</u>	<u>TOTAL P</u>	<u>2021</u>	<u>TOTAL P</u>		<u>TOTAL N</u>	<u>2021</u>	<u>TOTAL N</u>	<u>2021</u>	<u>TOTAL P</u>		TN0066800 Permit limit for Total P is: 23,725 lb/yr 12 Month Rolling Average started in February 2018			
<u>INF</u>	<u>mg/L</u>	<u>EFF</u>	<u>mg/L</u>	<u>%</u>	<u>INF</u>	<u>mg/L</u>	<u>EFF</u>	<u>mg/L</u>	<u>%</u>	<u>REMOVAL</u>					
Avg	4.94	Avg	3.22	<u>REMOVAL</u>		Avg	40.3	Avg	4.57	<u>REMOVAL</u>					
Max	5.33	Max	6.80	34.8		Max	55.9	Max	10.30	88.7					
Min	4.18	Min	1.00			Min	36.3	Min	1.00						
													<u>Yearly</u>		
<u>TOTAL P</u>	<u>Jan-21</u>	<u>Feb-21</u>	<u>Mar-21</u>	<u>Apr-21</u>	<u>May-21</u>	<u>Jun-21</u>	<u>Jul-21</u>	<u>Aug-21</u>	<u>Sep-21</u>	<u>Oct-21</u>	<u>Nov-21</u>	<u>Dec-21</u>	<u>Avg</u>	<u>Max</u>	<u>Min</u>
<u>EFF</u>	<u>mg/L</u>	<u>mg/L</u>	<u>mg/L</u>	<u>mg/L</u>	<u>mg/L</u>	<u>mg/L</u>	<u>mg/L</u>	<u>mg/L</u>	<u>mg/L</u>	<u>mg/L</u>	<u>mg/L</u>	<u>mg/L</u>			
Avg	4.05	2.90	3.30	1.00	2.80	3.83	2.60	3.00	6.80	3.20	2.40	2.80	3.22		
Max	5.42	2.90	3.30	1.00	2.80	5.18	2.60	3.00	6.80	3.20	2.40	2.80		6.80	
Min	2.67	2.90	3.30	1.00	2.80	2.47	2.60	3.00	6.80	3.20	2.40	2.80			1.00
<u>12 Month Rolling Average</u>	<u>lbs/yr</u>	<u>lbs/yr</u>	<u>lbs/yr</u>	<u>lbs/yr</u>	<u>lbs/yr</u>	<u>lbs/yr</u>	<u>lbs/yr</u>	<u>lbs/yr</u>	<u>lbs/yr</u>	<u>lbs/yr</u>	<u>lbs/yr</u>	<u>lbs/yr</u>			
limit 23,725 lbs/yr	12,695	12,783	13,624	13,140	13,735	14,629	12,026	11,753	13,423	13,640	13,671	13,894			
													<u>Yearly</u>		
<u>TOTAL N</u>	<u>Jan-21</u>	<u>Feb-21</u>	<u>Mar-21</u>	<u>Apr-21</u>	<u>May-21</u>	<u>Jun-21</u>	<u>Jul-21</u>	<u>Aug-21</u>	<u>Sep-21</u>	<u>Oct-21</u>	<u>Nov-21</u>	<u>Dec-21</u>	<u>Avg</u>	<u>Max</u>	<u>Min</u>
<u>EFF</u>	<u>mg/L</u>	<u>mg/L</u>	<u>mg/L</u>	<u>mg/L</u>	<u>mg/L</u>	<u>mg/L</u>	<u>mg/L</u>	<u>mg/L</u>	<u>mg/L</u>	<u>mg/L</u>	<u>mg/L</u>	<u>mg/L</u>			
Avg	4.70	4.50	1.00	1.10	2.60	10.30	4.40	4.50	3.40	5.80	7.90	4.60	4.57		
Max	4.70	4.50	1.00	1.10	2.60	10.30	4.40	4.50	3.40	5.80	7.90	4.60		10.30	
Min	4.70	4.50	1.00	1.10	2.60	10.30	4.40	4.50	3.40	5.80	7.90	4.60			1.00