

Year: 2018

Litchfield WPCA Plant flow & Performance Data

Month:	Average Daily Flow MGD	Monthly Setage Totals/gal	Raw Influent BOD mg/l	Influent TSS mg/l	Effluent BOD mg/l	Effluent TSS mg/l	Total Nitrogen lbs./day	Total Phosphorous lbs./day	Monthly Rainfall	Monthly Snowfall
Jan.	0.499	32,500	264	254	3	3	13		2.3	16.5
Feb.	0.696	19,500	236	169	3	3	17		5.2	11.5
March.	0.713	47,000	191	259	4	4	31		1.5	28
April.	0.705	77,950	250	214	3	4	16	3.4	4.7	4.8
May.	0.508	128,800	294	300	3	9	12	6.2	3.3	
June.	0.360	138,500	370	605	2	6	10	3.2	3.4	
July.	0.302	130,300	550	490	2	3	10	4.3	6.5	
August.	0.501	132,000	326	414	4	4	11	7.3	8.5	
Sept.	0.690	117,100	270	278	2	5	36	9.5	12.1	
Oct.	0.694	150,750	270	304	3	3	36	11.8	5.9	
Nov.	1.001	116,450	186	234	3	5	40		7.2	7
Dec.	0.897	96,950	315	272	2	5	32		5.9	0.5
<b>Total:</b>		<b>1,187,800</b>								
Average:	<b>0.631</b>	<b>98,983</b>	<b>294</b>	<b>316</b>	<b>3</b>	<b>5</b>	<b>22</b>	<b>6.5</b>	<b>66.5</b>	<b>68.3</b>
Highest:	1.001	150,750	550	605			40		12.1	16.5
Lowest:	0.302	19,500	186	169			10		2.3	0.5
<b>Months over 90% of design capacity of 0.8 MGD</b>	<b>2</b>							<b>Average:</b>	<b>5.5</b>	<b>4.1</b>
					<b>Monthly Max 30 mg/l.</b>	<b>Monthly Max 30 mg/l.</b>	<b>Limit 24 lbs./day</b>	<b>Limit 9.97 lbs./day April to October</b>		