

Figure: 30 TAC §317.4(e)(2)

Typical Design Loadings

<b>Operating Characteristics</b>	<b>Standard Rate</b>	<b>Intermediate Rate</b>	<b>High Rate</b>	<b>High Rate</b>	<b>Roughing</b>
<b>Media</b>	<b>Rock</b>	<b>Rock</b>	<b>Rock</b>	<b>Manufactured</b>	<b>Rock</b>
Hydraulic Loading					
mgd/acre	1-4	4-10	10-40	15-90*	60-180*
gpd/ft <sup>2</sup>	25-90	90-230	230-900	350-1,000*	1,400-4,200*
Organic Loading					
lb BOD/acre-ft/day	200-1,000	700-1,400	1000-1300	up to 300	100+
lb BOD/day/1000 ft <sup>3</sup>	5-25	15-30	25-300	65-85	40-65
BOD Removal (%)	80-85	50-70	65-85		

\*Does not include recirculation