

Figure 1: 30 TAC §217.164(e)(2)(I)

Table F.9. - Clarifier Loading Rates

Allowable surface loading rates for given underflow rates with no provisions for sludge storage in the clarifier					
OR					
The maximum surface loading rate at the design flow for clarifiers designed to store solids during peak events					
<i>MLSS</i>	Underflow Rate (gpd/sf)				
<i>mg/l</i>	200	250	300	350	400
2,000	1,081	1,218	1,340	1,452	1,554
2,100	1,020	1,148	1,262	1,366	1,461
2,200	965	1,084	1,191	1,288	1,377
2,300	914	1,026	1,126	1,217	1,299
2,400	868	973	1,067	1,151	1,229
2,500	825	924	1,012	1,091	1,163
2,600	786	879	962	1,036	1,103
2,700	749	837	915	985	1,048
2,800	715	798	872	937	996
2,900	684	762	831	893	948
3,000	654	729	793	851	903
3,100	627	697	758	812	861
3,200	601	667	725	776	821
3,300	577	640	694	742	784
3,400	554	613	665	710	750
3,500	532	589	637	680	717
3,750	483	533	575	611	642
4,000	441	484	520	551	577
4,250	403	441	472	498	520
4,500	369	402	429	451	469
4,750	340	368	391	409	423
5,000	313	337	356	371	382