

JOHNSON COUNTY WASTEWATER

SAND-OIL INTERCEPTOR

Sand-oil interceptors should be sized for a 30 minute detention of peak flow. Peak flow should be determined by fixture units rather than some estimating method. Generally, we use the following table to determine fixture units:

SIZING TABLE

Fixture-Equipment Drain Outlet or Trap Size (inches)	Drainage Fixture-Unit Value	Drainage G.P.M. Equivalent
1 1/4	1	7.5
1 1/2	2	15.0
2	3	22.5
2 1/2	4	30.0
3	5	37.5
4	6	45.0
6	7	75.0