

CITY OF VIRGINIA BEACH
WATER RESOURCE RECOVERY FEE COMPUTATION SHEET
(DRAINAGE FIXTURE UNIT (DFU) COMPUTATION SHEET)

Fixture/Source	Fixture Units	No. of Fixtures	Total Fixture Units
Bathroom Groupings Consisting of:			
1 Bath – 1 water closet, 1 lavatory, 1 bathtub or shower stall, 1 Bidet	5.0	x	=
½ Bath – 1 water closet, 1 lavatory	4.0	x	=
Bathtub	2.0	x	=
Bidet	1.0	x	=
Combination sink and tray w/food grinder	2.0	x	=
Combination sink and tray w/1" to 1 ½" trap	2.0	x	=
Dental Lavatory/cuspidor	1.0	x	=
Dishwasher (commercial)	2.0	x	=
Drinking fountain	0.5	x	=
Ice cream machines w/dipper wells	0.5	x	=
Ice machines/free standing (residential/commercial)	1.0	x	=
Kitchen sink, domestic (1 ½" trap and grinder)	2.0	x	=
Lavatory (1 1/4" trap)	1.0	x	=
Showers, domestic or per head	2.0	x	=
Sinks:			
Bar	1.0	x	=
Flushing rim (w/valve)	6.0	x	=
Laundry or wash sink (1 ½" trap)	2.0	x	=
P trap (mop sink 3" trap)	5.0	x	=
Pot, scullery, etc. (large 3 or 4 comp. sink)	4.0	x	=
Service (small 3 comp. sink)	3.0	x	=
Shampoo/barber	2.0	x	=
Slop (3" trap)	5.0	x	=
Surgeon's	3.0	x	=
Urinal, Wall - Regular	4.0	x	=
Urinal - 1 gal. or less	2.0	x	=
Washing Machine (Commercial)	3.0	x	=
Washing Machine (Residential)	2.0	x	=
Water Closet:			
Flushometer Tank (Private/Public)	4.0	x	=
Private Use	3.0	x	=
Public Use (Lobby Area)	4.0	x	=
Unlisted Fixture or Trap Size			
Floor Drain w/2" waste	2.0	x	=
1 1/4" or less	1.0	x	=
1 ½"	2.0	x	=
2"	3.0	x	=
2 1/2"	4.0	x	=
3"	5.0	x	=
4"	6.0	x	=
NO CHARGE FOR HUB DRAINS OR CONDENSATE DRAINS			
Emergency Floor Drain (2" Trap)	0.0	x	=
GRAND TOTAL OF FIXTURE UNITS			