

# Sanitary and Stormwater Systems Development Charges

## Sample Calculations

*Note: Rates are preliminary, and assume no credits or exemptions for redevelopment, on-site facilities, etc.*

	FY 2017 Adopted	FY 2018 Projected	
Sanitary SDC rate per Equivalent Dwelling Unit (EDU):	\$ 5,712.00	\$ 6,033.00	105.6%
On-site cost per 1,000 square feet (ksf) of new Impervious Area:	\$ 190.00	\$ 231.00	121.6%
Off-site cost per foot of Frontage:	\$ 6.05	\$ 7.12	117.7%
Off-site cost per New Trip:	\$ 3.24	\$ 3.84	118.5%

Single Family Residential Dwelling			
Sanitary Equivalent Dwelling Units:	1.00 (EDUs)		
Impervious Area:	2.40 (1,000 sq. ft.)		
Frontage:	70.00 (ft.)		
Units:	1 (dwelling)		
Daily New Vehicle Trips/Unit:	9.82		
	<u>Sanitary</u>	<u>Stormwater</u>	<u>Total</u>
New SDC:	\$6,033	\$1,091	<b>\$7,124</b> 107.5%
Current SDC:	\$5,712	\$917	<b>\$6,629</b>

Four-plex (4 two-story townhouses)			
Sanitary Equivalent Dwelling Units:	3.20 (EDUs)		
Impervious Area:	4.00 (1,000 sq. ft.)		
Frontage:	100.00 (ft.)		
Units:	4 (townhouses)		
Daily New Vehicle Trips/Unit:	5.81		
	<u>Sanitary</u>	<u>Stormwater</u>	<u>Total</u>
New SDC:	\$19,306	\$1,725	<b>\$21,031</b> 106.6%
Current SDC:	\$18,278	\$1,455	<b>\$19,734</b>

Five Story Apartment Building			
Sanitary Equivalent Dwelling Units:	126.40 (EDUs)		
Impervious Area:	34.80 (1,000 sq. ft.)		
Frontage:	217.00 (ft.)		
Units:	158 (apartments)		
Daily New Vehicle Trips/Unit:	6.65		
	<u>Sanitary</u>	<u>Stormwater</u>	<u>Total</u>
New SDC:	\$762,571	\$13,619	<b>\$776,190</b> 105.8%
Current SDC:	\$721,997	\$11,329	<b>\$733,326</b>

Pharmacy (2-story Retail)			
Sanitary Equivalent Dwelling Units:	1.90 (EDUs)		
Impervious Area:	30.80 (1,000 sq. ft.)		
Frontage:	304.00 (ft.)		
Units:	8.94 (ksf gross floor area)		
Daily New Vehicle Trips/Unit:	44.32		
	<u>Sanitary</u>	<u>Stormwater</u>	<u>Total</u>
New SDC:	\$11,463	\$10,801	<b>\$22,263</b> 112.3%
Current SDC:	\$10,853	\$8,975	<b>\$19,828</b>

Single Story Warehouse			
Sanitary Equivalent Dwelling Units:	2.00 (EDUs)		
Impervious Area:	59.20 (1,000 sq. ft.)		
Frontage (ft.):	68.00 (ft.)		
Units:	30.79 (ksf gross floor area)		
Daily New Vehicle Trips/Unit:	3.56		
	<u>Sanitary</u>	<u>Stormwater</u>	<u>Total</u>
New SDC:	\$12,066	\$14,580	<b>\$26,646</b> 113.7%
Current SDC:	\$11,424	\$12,015	<b>\$23,439</b>

24-story Office Building			
Sanitary Equivalent Dwelling Units:	8.25 (EDUs)		
Impervious Area:	40.00 (1,000 sq. ft.)		
Frontage (ft.):	790.00 (ft.)		
Units:	604 (ksf gross floor area)		
Daily New Vehicle Trips/Unit:	11.03		
	<u>Sanitary</u>	<u>Stormwater</u>	<u>Total</u>
New SDC:	\$49,772	\$40,447	<b>\$90,220</b> 111.3%
Current SDC:	\$47,124	\$33,965	<b>\$81,089</b>

Business Park with 3 Buildings			
Sanitary Equivalent Dwelling Units:	17.50 (EDUs)		
Impervious Area:	363.00 (1,000 sq. ft.)		
Frontage (ft.):	1,670.00		
Units:	363.42 (ksf gross floor area)		
Daily New Person Trips/Unit:	8.58		
	<u>Sanitary</u>	<u>Stormwater</u>	<u>Total</u>
New SDC:	\$105,578	\$107,717	<b>\$213,295</b> 112.8%
Current SDC:	\$99,960	\$89,176	<b>\$189,136</b>

Industrial Park with 2 Large Buildings			
Sanitary Equivalent Dwelling Units:	11.00 (EDUs)		
Stormwater Impervious Area:	543.00 (1,000 sq. ft.)		
Frontage (ft.):	814.00		
Units:	259.31 (ksf gross floor area)		
Daily New Person Trips/Unit:	8.58		
	<u>Sanitary</u>	<u>Stormwater</u>	<u>Total</u>
New SDC:	\$66,363	\$139,772	<b>\$206,135</b> 115.7%
Current SDC:	\$62,832	\$115,303	<b>\$178,135</b>