

City of Littleton

2017 Schedule of Fees

Exhibit A

DEPARTMENT/
FEE DESCRIPTION

FEE

Storm Drainage Fees (annual)

2016 FEES SHOWN IN GREEN

	Single family detached structures	Multiple family residential structures, commercial, industrial, public properties, churches and schools
Developed	\$32.00/lot or property \$ 31.00	\$266.60/developed acre of impervious surface and \$66.65/acre for grassed landscaped or cultivated surfaces \$ 258.33 \$ 64.58
Subdivided, Undeveloped	\$8.00/undeveloped lot \$ 7.75	\$66.65/undeveloped lot \$ 64.58
Un-subdivided, Undeveloped Vacant and Undisturbed	\$6.67/acre of vacant residential property \$ 6.46	\$6.67/vacant acre \$ 6.46

Sanitary Sewer Service Charges (annual)

2016 FEES SHOWN IN GREEN

Classification A - single-family residential user

Inside city limits	Inside city limits, within a sanitation district	Outside city limits	Outside city limits, Littleton Interceptor
\$ 258.54	\$ 196.22	\$ 235.46	As determined by applicable municipality or quasi-municipal sanitation district
\$ 253.47	\$ 192.37	\$ 230.84	

Classification B - multiple-family residential user

Inside city limits	Inside city limits, within a sanitation district	Outside city limits	Outside city limits, Littleton Interceptor
\$ 219.74	\$ 166.78	\$ 200.13	As determined by applicable municipality or quasi-municipal sanitation district
\$ 215.43	\$ 163.51	\$ 196.21	

Classification C - commercial user

Inside city limits	\$ 4.65	\$104.42
Annual water usage volume x \$4.74 per 1,000 gallons = sewer service charge		(minimum annual charge of \$106.51 per user)
Outside city limits	\$ 2.53	\$125.29
Annual water usage volume x \$2.58 per 1,000 gallons = sewer service charge		(minimum annual charge of \$127.80 per user)

Outside city limits, Littleton Interceptor

As determined by applicable municipality or quasi-municipal sanitation district.

In those instances where the director, in the exercise of his/her discretion, deems the annual water usage not to reasonably reflect the significant industrial user's discharge of wastewater, an agreement may be entered into between the user and the City to establish an adjusted basis upon which the variable for annual water usage shall be used in the formula.

Classification D - significant industrial user

Inside city limits	\$ 4.65	\$104.42
(Annual water usage volume x \$4.74 per 1,000 gallons) + SC = sewer service charge		(minimum annual charge of \$106.51 per user)
Outside city limits	\$ 2.53	\$125.29
(Annual water usage volume x \$2.58 per 1,000 gallons) + SC = sewer service charge		(minimum annual charge of \$127.80 per user)

Outside city limits, Littleton Interceptor

As determined by applicable municipality or quasi-municipal sanitation district.

Where SC is a surcharge to cover the added cost of handling and treating additional oxygen demand and total suspended solid wastes considered as "industrial wastes", calculated according to the following formula:

SC = surcharge (in dollars per year) where:

$$SC + QM \times \$8.85 ((AOD) \times (UCo) + (TSS - 300) \times (UCs)) \quad \$ 8.68$$

DEPARTMENT/
FEE DESCRIPTION

FEE

Sanitary Sewer Service Charges (annual)

Continued

2016 FEES SHOWN IN GREEN

The SC formula utilized the following units of measurement:

<u>DOLLARS/YEAR</u>	<u>GALLONS/YEAR</u>	<u>POUNDS/GALLON</u>	<u>MILLIGRAMS PER LITRE</u>	<u>DOLLARS/POUND</u>	<u>MILLIGRAMS PER LITRE</u>	<u>DOLLARS/POUND</u>
(SC) =	QM X	\$ 8.85 X	((AOD) X	(UCo) +	(TSS - 300) X	(UCs)
		\$ 8.68				

The variables and constraints in the formula are as follows:

QM = Annual water usage volume (in million gallons per year);

\$8.85 = Conversion factor (in pounds per gallon); \$ 8.68

AOD = Additional oxygen demand strength index (in milligrams per liter);

NOTE: For use in the SC formula, one must first calculate which parameter, either BOD or COD should be used in the determination of the AOD variable. In order to determine this, the following calculations shall be made:

COD/BOD

COD = chemical oxygen demand strength as measured from discharge samples

BOD = biochemical oxygen demand strength or as measured from discharge samples

If the calculated ratio of COD/BOD is less than 3.0, then AOD = (BOD - 200)

If the calculated ratio of COD/BOD is greater than or equal to 3.0, then AOD = (COD - 500)

Uco = Unit charge for additional oxygen demand (AOD).

Unit charge = \$0.02445 per pound \$ 0.02397

TSS = Total suspended solids strength or as measured from discharge samples

UCs = Unit charge for total suspended solids (TSS)

Unit charge = \$0.0595 per pound \$ 0.05830

Classification E - commercial users not utilizing a municipal water supply

Inside city limits

Annual charge of \$106.51 per user. \$ 104.42

Outside city limits

Annual charge of \$127.80 per user. \$ 125.29