

# Attachment C

Blackline showing changes to  
Chapters 10.01 and 10.02  
of the VMC

**10.01.020 – Sewer service customer discharger types.**

- a. The following sewer service customer discharger types shall be used for sewer service billing purposes:
  1. Single-family residential dischargers are those customers whose premises consist of any single-family dwelling, including homes, houses, residences, mobile homes, and other structures intended for and primarily used as single-family dwellings, and are not included in any other customer discharger type.
  2. Multi-family residential dischargers are those customers whose premises consist of multi-family dwellings, including apartment complexes, duplexes, triplexes, condominiums, townhomes, and other similar structures intended for and primarily used as multi-family dwellings, and are not included in any other customer discharger type.
  3. Commercial dischargers are those customers whose premises consist of commercial, institutional, or industrial establishments which ~~do not discharge Wastewater directly to the IWWTP, and~~ are not included in any other customer discharger type. Commercial discharger type customers include hotels, motels, camping facilities, schools, churches, restaurants, office buildings, factories, service stations, hospitals, and other structures, buildings, or facilities primarily used for commercial, institutional, industrial or manufacturing purposes, whether or not operated for a profit. Ordinances and regulations of the VVWRA require certain commercial customer discharger types to obtain wastewater discharge permits from the VVWRA ("industrial users"), and pay additional charges and surcharges directly to the VVWRA for the treatment or pretreatment of high strength wastewater.
  4. Industrial/ and/or user-specific dischargers are those customers whose premises consist of buildings, structures, factories, plants, or other manufacturing or institutional facilities that discharge wastewater of unusual strength or character ~~directly to the IWWTP,~~ as determined by the city's evaluation of the concentration, strength factors, and/or control parameters of such user's specific wastewater discharge, including, but not limited to, biochemical oxygen demand ("BOD"), chemical oxygen demand ("COD"), suspended solids ("SS" or "TSS"), ammonia ("NH3"), and fixed dissolved solids ("FDS"). These dischargers are required to obtain a wastewater discharge permit from the IWWTP or the VVWRA, as applicable.
- b. The customer or property owner of record for any premises in the city served by the city sewer system shall report to the city any change in usage of the premises or characteristics of sewage discharge therefrom that could affect its customer discharge type classification within sixty (60) days of the date of such change.
- c. The city shall, upon notification or discovery of a change in classification of customer discharger type or usage, execute such change for billing and operational purposes and make reasonable allowance for the timing and/or retroactive adjustments of such billings based upon the facts available to and known by the city.

**10.01.030 – Sewer service charges.**

- a. Monthly sewer service charges for single-family residential and multi-family residential customer discharger types shall be calculated and billed based solely on the number of dwelling units of each customer, as set forth in the sewer rate schedule in subdivision d. of this section.
- b. Monthly sewer service charges for commercial customer discharger types shall be calculated and billed based on a fixed amount per customer account, plus a volumetric charge per hundred cubic feet ("hcf") of water used, received, or taken by the customer (as recorded or otherwise estimated by the Victorville Water District, excluding that water used, received or taken exclusively for irrigation purposes), as set forth in the sewer rate schedule in subdivision d. of this section.
- c. Monthly sewer service charges for existing industrial/ and/or user-specific customer discharger types shall be calculated and billed based on the fixed and/or minimum monthly amounts, plus the applicable volumetric charges, ~~charges, or other~~ and surcharges based upon each customer's individual wastewater constituents (*i.e.*, BOD, COD, SS, TSS, NH<sub>3</sub>, and/or FDS), as set forth in the sewer rate schedule in subdivision d. of this section. (additional surcharges may apply should wastewater characteristics change). ~~m~~Monthly sewer service charges for future industrial/ and/or user-specific customer discharger types shall be determined and calculated by the city based on costs of service, following the evaluation described in section 10.01.020.a.4 of this chapter.
- d. The sewer service rates/charges in the following sewer rate schedule shall be the maximum rates in effect for all sewer service billings made on or after ~~August~~December 1, ~~2018~~2023, and on July 1 of each year thereafter, subject to automatic adjustments that pass through to the city adopted increases or decreases in sewage treatment charges established by the VVWRA. Such automatic adjustments will be made following notice, and as otherwise provided for in Government Code Section 53756:

Sewer Rate Schedule	Maximum Sewer Rates				
	<u>8/12/1/2018</u> <u>2023</u>	<u>7/1/2019</u> <u>2024</u>	<u>7/1/2020</u> <u>2025</u>	<u>7/1/2021</u> <u>2026</u>	<u>7/1/2022</u> <u>2027</u>
<b>Residential Customers</b>					
Monthly fixed service charge, per dwelling unit					
Single-family residential (See Note 1)	<del>\$33.03</del> <u>59.62</u>	<del>\$37.98</del> <u>62.60</u>	<del>\$42.20</del> <u>65.73</u>	<del>\$46.80</del> <u>69.01</u>	<del>\$51.89</del> <u>72.46</u>
Multi-family residential (See Note 1)	<del>\$24.25</del> <u>31.32</u>	<del>\$27.88</del> <u>32.89</u>	<del>\$30.98</del> <u>34.53</u>	<del>\$34.35</del> <u>36.26</u>	<del>\$38.09</del> <u>07</u>

**Blackline Comparison of VMC Changes made by Ord. No. 2444**

<b>Commercial Customers</b>					
Monthly fixed service charge, per account (See Note 1)	<del>\$33.03</del> <u>59.62</u>	<del>\$37.98</del> <u>62.60</u>	<del>\$42.20</del> <u>65.73</u>	<del>\$46.80</del> <u>69.01</u>	<del>\$51.89</del> <u>72.46</u>
—Volumetric charge, per hcf (See Note 1)	<del>\$2.81</del> <u>4.54</u>	<del>\$3.23</del> <u>4.77</u>	<del>\$3.59</del> <u>5.01</u>	<del>\$3.98</del> <u>5.26</u>	<del>\$4.41</del> <u>5.52</u>
<b>Industrial Customers (user specific)</b>					
Monthly fixed service charge, per account Federal Corrections Complex (FCC)	<u>\$59.62</u>	<u>\$62.60</u>	<u>\$65.73</u>	<u>\$69.01</u>	<u>\$72.46</u>
—Monthly fixed Volumetric charge, per EDU (See Note 1 and Note 2) hcf	<del>\$33.24</del> <u>44.54</u>	<del>\$38.22</del> <u>44.77</u>	<del>\$42.47</del> <u>50.01</u>	<del>\$47.10</del> <u>52.26</u>	<del>\$5.52</del> <u>22</u>
—BOD charge, per lb.	<del>\$1.39</del> <u>2.10</u>	<del>\$1.60</del> <u>2.21</u>	<del>\$1.78</del> <u>2.32</u>	<del>\$1.97</del> <u>2.43</u>	<del>\$2.19</del> <u>2.55</u>
—SSTSS charge, per lb.	<del>\$1.40</del> <u>2.03</u>	<del>\$1.61</del> <u>2.14</u>	<del>\$1.79</del> <u>2.24</u>	<del>\$1.98</del> <u>2.35</u>	<del>\$2.20</del> <u>2.47</u>
<b>User-Specific Industrial Customers Keurig Dr. Pepper (formerly Dr. Pepper/Snapple (DPSG))</b>					
Federal Corrections Complex (FCC)—Monthly min. charge (excluding capital recovery)	<u>\$166,100</u>	<u>\$191,016</u>	<u>\$205,342</u>	<u>\$220,742</u>	<u>\$237,298</u>
—Volumetric Monthly fixed charge, per 1,000 gal. CEDU (see Note 3) 1)	<del>\$0.92</del> <u>64.32</u>	<del>\$1.06</del> <u>67.54</u>	<del>\$1.14</del> <u>70.92</u>	<del>\$1.23</del> <u>74.46</u>	<del>\$1.32</del> <u>78.18</u>
—CDBOD charge, per lb. (see Note 1)	<del>\$0.16</del> <u>2.10</u>	<del>\$0.19</del> <u>2.21</u>	<del>\$0.20</del> <u>2.32</u>	<del>\$0.22</del> <u>2.43</u>	<del>\$0.23</del> <u>2.55</u>
—FDS charge, per lb. (see Note 4) 1)	<del>\$2.62</del> <u>203</u>	<del>\$2.69</del> <u>14</u>	<del>\$2.76</del> <u>24</u>	<del>\$2.84</del> <u>35</u>	<del>\$2.91</del> <u>47</u>
Keurig Dr. Pepper (formerly Dr. Pepper/Snapple (DPSG) Plastipak)					
—Monthly fixed min. charge per account (excluding capital recovery)	<del>\$118.93</del> <u>162,500</u>	<del>\$136.77</del> <u>162,500</u>	<del>\$147.02</del> <u>162,500</u>	<del>\$158.05</del> <u>162,500</u>	<del>\$169.91</del> <u>162,500</u>
—FDS charge, per lb. Monthly Fixed Charge Ion Exchange (see Note 42)	<del>N/A</del> <u>\$10,200</u>	<del>N/A</del> <u>\$10,200</u>	<del>\$2.76</del> <u>10,200</u>	<del>\$2.84</del> <u>10,200</u>	<del>\$2.91</del> <u>10,200</u>
—Volumetric charge, per hcf 1,000 gal. (see Note 5) 3)	<del>\$7.95</del> <u>0.37</u>	<del>\$9.14</del> <u>0.37</u>	<del>\$9.82</del> <u>0.37</u>	<del>\$10.56</del> <u>0.37</u>	<del>\$11.35</del> <u>0.37</u>

## Blackline Comparison of VMC Changes made by Ord. No. 2444

Hydration Source COD Charge, per lb. (see Note 3)	\$0.13	\$0.13	\$0.13	\$0.13	\$0.13
— Monthly fixed FDS charge, per account lb. (see Note 6-4)	N/A \$2.99	N/A \$3.07	\$2,2573.15	\$2,4263.24	\$2,6083.32
— FDS charge, per lb. (See Note 4)	N/A	N/A	\$2.76	\$2.84	\$2.91

~~Note 1 - Rates effective 7/1/2020 reflect the automatic pass through to the city of increased sewage treatment charges adopted and established by the VVWRA in December of 2019.~~ ~~Note 2 - Monthly fixed charge is based on the number of Calculated Equivalent Dwelling Units (EDUsCEDUs) on a monthly basis. One EDUCEDU is estimated to be equal to 200 gallons per day of volume contributed to the sewer system. BOD and TSS surcharges apply to concentrations above 200 mg/l for BOD and 250 mg/l for TSS.~~

Note 2 – Monthly minimum charge for operations and maintenance of an Ion Exchange Treatment System to reduce Keurig Dr. Pepper process flow TDS levels to meet local limits regulated by the State Water Resources Control Board.

Note 3 - Volumetric charges (per 1,000 gal. or lbs.) shall apply accordingly if discharge exceeds 585,000 gpd, 28,100 lbs./day of COD or 1,400 lbs./day of SS in accordance with the DPSG Wastewater Capacity and Treatment Agreement.

Note 4 - The SS charge was replaced with an FDS surcharge as calculated in the Sewer Rate Study and is subject to a 2.7% general cost inflation factor in FY 2019/20 and beyond. This surcharge applies to all pounds of FDS treated.

~~Note 5 - This volumetric charge applies to monthly water consumption.~~

~~Note 6 - New Industrial Customer discharging as of 7/1/2020.~~

- e. Certain commercial and, industrial, and/or user-specific discharger type customers of the city who also discharge high strength flows to the city sewer system and/or qualify as "industrial users" under the ordinances and regulations of the VVWRA, may currently pay or become subject to payment of additional charges directly to the VVWRA for sewage treatment or pretreatment, which additional charges may increase based on updated control parameters and surcharge rates duly established by the VVWRA.

### **10.01.040 Connection fees – Sewer capacity charges.**

- a. ~~Connection fees. Except as set forth in subdivision b. of this section, the local connection fee is three hundred fifty dollars per house, habitation or structure, or number of equivalent dwelling units ("EDUs") assigned in the following table. An EDU is equal to a two hundred forty-five gallon per day sewage discharge. The local connection fee is for constructing and/or upgrading local collection and trunk sewer facilities to provide the needed capacity. This connection fee will be subjected to verification and adjustment based on plumbing fixture counts and reviewed and adjusted based on updated sewer master plan and construction cost index as presented in the ENR magazine (published by McGraw Hill):~~

## Blackline Comparison of VMC Changes made by Ord. No. 2444

- a. Definitions. Sewer capacity charges (as defined in Government Code Section 66013) have been established for residential and non-residential development on a per equivalent dwelling unit ("EDU") basis as part of the City's Development Impact Fee program as set forth in section 16-5-01.080 of Title 16 of this Code. An EDU represents the estimated daily sewer flow of a typical single-family dwelling unit, which is approximately one hundred forty-nine (149) gallons per day (gpd) or twenty (20) plumbing fixture units as defined in the latest version of the California Plumbing Code as adopted by the City in Title 16 of this Code. An EDU analogue may also be determined using the projected daily average sewer flow as provided by the prospective development and dividing that flow by 149 gpd.
- b. Calculation. The total sewer capacity charge per house, habitation, structure, or other development is calculated by multiplying the currently applicable per EDU sewer capacity dollar amount (as set forth in the City's most recently adopted Development Impact Fee master fee schedule) by the applicable number of EDUs. The following table provides the generally-applicable minimum number of EDUs for various types of development. However, to ensure that the City's sewer system provides adequate capacity to serve new development and to account for potential classification anomalies, the City retains the discretion to use the minimum EDUs set forth in the table below or a flow-based EDU analogue as described in subdivision a. of this section to calculate the appropriate total sewer capacity charge:

TYPE OF <del>Connection</del> DEVELOPMENT	DESCRIPTION	MINIMUM EDU
Residential:		
Single family dwellings	Twenty (20) plumbing fixture units (PFU) or less; incremental charges added proportionally for connections in excess of twenty (20) PFUs.	1.000
Multi-family dwellings	Per dwelling unit	0.916
Trailer or mobile home park	Per space	1.000
Commercial:		
Motels	Per dwelling unit; One-quarter (0.25) additional <del>service unit</del> {EDU} for each dwelling unit with kitchen.	0.500
Hotels	Per bedroom; One-quarter (0.25) additional <del>service unit</del> {EDU} for each dwelling unit with kitchen.	0.500
Animal clinics		3.000
Barber shops		1.300
Beauty shops		1.300
Bottling works (soft drink)		4.000
Churches	Without kitchen	1.000
Churches	With kitchen	2.000

### Blackline Comparison of VMC Changes made by Ord. No. 2444

Churches with Schools	See Elementary Schools, High Schools, and Junior High Schools.	1.000
Factory	One <u>(1)</u> additional <del>service unit (EDU)</del> for each ten <u>(10)</u> or fewer employees after the first ten; <del>(10)</del> . The City reserves the right to determine that a particular class of industrial customer shall be subject to these provisions or any modification thereof. In such event, the affected customers shall be given at least fourteen <u>(14)</u> days' written notice prior to a hearing by the City Council thereon.	4.000
Food market	One <u>(1)</u> additional <del>service unit (EDU)</del> per month for commercial garbage grinder.	1.000
Hospital	One <u>(1)</u> additional <del>service unit (EDU)</del> for up to each two <u>(2)</u> beds after the first two; <del>(2)</del> .	1.000
Industrial	The greater of: One additional <del>service unit (EDU)</del> for each ten or fewer employees after the first ten; or number of <del>equivalent service units</del> <u>EDUs</u> to be determined based on plumbing fixture counts. The city reserves the right to determine that a particular class of industrial customer shall be subject to these provisions or any modification thereof. In such event, the affected customers shall be given at least fourteen days' written notice prior to a hearing by the city council thereon.	4.000
Laundries and Laundromats	One <u>(1)</u> additional <del>service unit (EDU)</del> for each three <u>(3)</u> or fewer machines after the first three; <del>(3)</del> .	1.000
Libraries		1.000
Mortuary		2.000
Professional building	Per suite	1.000
Public buildings	The greater of: One <u>(1)</u> additional <del>service unit (EDU)</del> for up to each additional ten <u>(10)</u> employees after the first ten; <del>(10)</del> ; or Number of <del>equivalent service units</del> <u>EDUs</u> to be determined based on plumbing fixture counts.	1.000
Restaurants with bar	One <u>(1)</u> additional <del>service unit (EDU)</del> for up to each fifteen <u>(15)</u> seats after first thirty; <del>(30)</del> . Drive ins—Each one <u>(1)</u> service space equals four <u>(4)</u> seats.	4.000
Restaurants without bar	One <u>(1)</u> additional <del>service unit (EDU)</del> for up to each fifteen <u>(15)</u> seats after first thirty; <del>(30)</del> . Drive ins—Each one <u>(1)</u> service space equals four <u>(4)</u> seats.	2.000
Rest homes	One <u>(1)</u> additional <del>service unit (EDU)</del> for up to each three <u>(3)</u> beds after the first three; <del>(3)</del> .	1.000

## Blackline Comparison of VMC Changes made by Ord. No. 2444

Elementary schools	One <u>(1)</u> additional <del>service unit (EDU)</del> for up to each twenty-three <u>(23)</u> average daily attendance after the first twenty-three- <u>(23)</u> .	1.000
High Schools and Junior High Schools	One <u>(1)</u> additional <del>service unit (EDU)</del> for up to each fourteen <u>(14)</u> average attendance after the first fourteen- <u>(14)</u> .	1.000
Service stations with rack		4.000
Service stations without rack		2.000
Service stations with rv dumping station		3.000
Taverns	One <u>(1)</u> additional <del>service unit (EDU)</del> for up to each fifteen <u>(15)</u> seats after first thirty- <u>(30)</u> . Drive ins—Each one <u>(1)</u> service space equals four <u>(4)</u> seats.	2.000
Theaters	Each sewer connection	2.000
General Commercial—Establishments not listed above or separately classified by future action of the council	Number of equivalent <del>service units</del> <u>EDUs</u> to be determined based on plumbing fixture counts.	1.000

- b. ~~The connection fee for industrial users or industrial/user specific customer discharger types shall be based upon the projected average daily flow, divided by two hundred forty five gpd, as follows:~~

EXAMPLE	175,000 average daily projected flow
	245 gpd per equivalent dwelling unit (EDU)
	\$350.00 per EDU
	$(175,000/245) \times \$350.00 = \$250,000.00$

- c. The City further collects a regional VVWRA connection fee for capacity in the regional interceptor sewer and treatment facilities. This regional connection fee is set by and subject to inflationary adjustment as determined and approved by the VVWRA commission.

### 10.02.300 - Additional charges for substantial increases in discharges to the public sewer.

Any property currently connected to a public sewer, the discharge from which is later found to have been increased substantially beyond the proportionate share of public sewer capacity allotted to the property by the sewer permit, may be subject to an additional sewer capacity ~~(connection)~~ fee and/or a change of customer discharger type classification for the property in accordance with the provisions of chapter 10.01, to cover the costs of ~~increased maintenance occasioned by the substantial increase in discharge.~~ providing for adequate public sewer capacity.