



COMMERCIAL / INDUSTRIAL WATER AND SEWER CONNECTION FEE WORKSHEET

PERMIT APPLICATION NO. _____

DATE _____

The following worksheet related to water and sewer usage of projects must be completed by a Registered Professional Engineer, Architect, or other knowledgeable person as approved by the Engineering Division. **Calculations must accompany this form.** The Water Usage Information will be used in determining the connection fees for the proposed project.

This form must be completed and submitted to the Carson City Permit Center at time of permit application prior to the issuance of any permit for a commercial or industrial project which may require additional water supply.

Location of Project (Street Address Only)

Brief Description/Name of Project

Please contact the Engineering Division at 775-887-2300 to verify that you have the most current version of this worksheet. The actual connection fees due will be based on those fees established by Carson City Municipal Code (CCMC) in effect at the time of building permit application. Complete the following. (See reverse side for instructions)

- | | |
|--|--------------------|
| 1 CURRENT OR PAST average daily water usage. Attach water usage history. This information may be obtained by calling Utility Billing 775-887-2355. | 1 _____ gpd |
| 2 Indicate amount of new water usage associated with LANDSCAPE IRRIGATION . Attach calculations. | 2 _____ gpd |
| 3 Indicate amount of new water usage associated with DOMESTIC USAGE . Attach calculations. | 3 _____ gpd |
| 4 Additional water usage associated with project in gallons per day (2 + 3) | 4 _____ gpd |
| 5 Total project water usage in gallons per day (1 + 4) | 5 _____ gpd |

ESTIMATED CONNECTION FEES

6 SEWER CONNECTION FEE (**3** x \$6.80)

6 gpd

7 WATER CONNECTION FEE (**4** x \$0.86)

7 gpd

8 TOTAL ESTIMATED CONNECTION FEES (**6** + **7**)

8 gpd

With signature, property owner acknowledges that the above is an accurate estimate of water usage and sewage discharge and that additional connection fees may be required, pursuant to the Carson City Municipal Code (CCMC).

SIGNATURE: PROPERTY OWNER

SIGNATURE: PREPARER

PRINT: PROPERTY OWNER

PRINT: PREPARER

COMMERCIAL / INDUSTRIAL WATER AND SEWER CONNECTION FEE WORKSHEET INSTRUCTIONS

1 **Current** water usage for the location in gallons per day (gpd). This information can be obtained by calling Utility Billing 775-887-2355. This amount includes both domestic and landscape irrigation.

2 Estimated **increase** in water usage as a result of the addition of new **landscaping** in gallons per day (gpd). Supporting calculations are required.

3 Estimated **increase** in **domestic** water usage in gallons per day (gpd). Supporting calculations are required. Domestic water usage is water usage which is not associated with landscape irrigation.

Note that fixture units are not an acceptable method for determining domestic water usage. Domestic water usage shall be determined by obtaining water billing data from similar businesses and scaling that usage in an appropriate manner. For example, restaurants should scale usage based on the ratio of the number of seats in the businesses. Retail stores should scale usage based on store areas.

4 Estimated **increase** in **combined** water usage in gallons per day (gpd). The increase in combined water usage is equal to the sum of **2** and **3**.

5 **Total** estimated **project water usage** in gallons per day (gpd). The total water usage is equal to the sum of **1** and **4**.

6 **Sewer Connection Fee:** Calculated as the estimated increase in domestic water usage **3** divided by the SERC value of 200 gpd, multiplied by the SERC connection charge of \$1360.00 (CCMC 12.03.030). This equates to **3** x \$6.80.

7 **Water Connection Fee:** Calculated as the estimated increase in combined (landscaping + domestic) water usage **4** divided by 2.22 X the WERC value of 550 gpd (2.22 X 550 gpd), multiplied by the WERC connection charge of \$1051.00 (CCMC 12.01.030). This equates to **4** x \$0.86.

8 **Total Connection Fees:** Calculated as the sum of **6** + **7**.

Definitions (CCMC 12.01.010 and 12.03.010):

- Sewer Equivalent Residential Customer (SERC): The average daily sewer system contribution for a residential unit at a discharge of two hundred (200) gallons per day.
- Water Equivalent Residential Customer (WERC): The average daily water usage of a residential unit based on a quantity of five hundred fifty (550) gallons per day.

Limitations to Use of this Worksheet:

- The estimated per unit connection fees included in the above calculations are based upon Carson City Municipal Code (CCMC) in effect at the time of preparation of this worksheet (Oct 2009). The actual connection fees due will be based on those fees established by CCMC as adopted by the Board of Supervisors in effect at the time of building permit application. Please contact the Engineering Division at 775-887-2300 to verify that you have the most current version of this worksheet.