

**Napa Sanitation District  
Capacity Charges**

**Capacity Charges** (connection fees) are paid to the District prior to the issuance of a permit to connect with the District's sewerage works. If refunded, 10% of the capacity charges paid is deducted from the refund. For more fee information, see the [Sewer Use Ordinance Articles VIII & IX](#).

**1) Residential/Commercial Capacity Charges**

| <b><u>Category</u></b>  | <b><u>Current Fees</u></b>        | <b><u>Fees as of Jan. 1, 2012</u></b> | <b><u>Fees as of July 1, 2012</u></b> | <b><u>Fees as of July 1, 2013</u></b> |
|---|-----------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Single Family Dwellings   | \$5,660                           | \$6,000                               | \$7,000                               | \$8,300                               |
| Senior Dwelling/single room occupancy – per unit                                | \$3,396                           | \$3,600                               | \$4,200                               | \$4,980                               |
| Multiple Family Dwellings – Per Unit  | \$5,660                           | \$6,000                               | \$7,000                               | \$8,300                               |
| Commercial per Unit – Minimum or Fixture Unit Basis, whichever is greater       | \$5,660                           | \$6,000                               | \$7,000                               | \$8,300                               |
| Industrial units – Minimum or Fixture Unit Basis, whichever is greater          | \$5,660                           | \$6,000                               | \$7,000                               | \$8,300                               |
| Shell Structures – Minimum or per Square Foot, whichever is greater             | \$5,660<br>\$2.19 ft <sup>2</sup> | \$6,000<br>\$2.32 ft <sup>2</sup>     | \$7,000<br>\$2.71 ft <sup>2</sup>     | \$8,300<br>\$3.21 ft <sup>2</sup>     |
| School – Per Building – Minimum   | \$5,660                           | \$6,000                               | \$7,000                               | \$8,300                               |
| Hotels, Motels and other like uses  |                                   |                                       |                                       |                                       |
| With kitchen facilities – Per Unit  | \$5,660                           | \$6,000                               | \$7,000                               | \$8,300                               |
| Without kitchen facilities – Per Unit   | \$4,192                           | \$4,444                               | \$5,184                               | \$6,147                               |
| Bed and Breakfast Facilities– Per Guest Rental Unit                             | \$2,830                           | \$3,000                               | \$3,500                               | \$4,150                               |
| Bed and Breakfast Facilities – Manager’s Unit                                   | \$5,660                           | \$6,000                               | \$7,000                               | \$8,300                               |
| Churches – Minimum or Fixture Unit Basis, whichever is greater                  | \$5,660                           | \$6,000                               | \$7,000                               | \$8,300                               |
| Government Buildings – Minimum or Fixture Unit Basis, whichever is greater      | \$5,660                           | \$6,000                               | \$7,000                               | \$8,300                               |
| Residential Care Facility – Minimum or Fixture Unit Basis, whichever is greater | \$5,660                           | \$6,000                               | \$7,000                               | \$8,300                               |
| Auxiliary Buildings – Minimum or Fixture Unit Basis, whichever is greater       | \$5,660                           | \$6,000                               | \$7,000                               | \$8,300                               |
| Structures without Plumbing   | \$5,660                           | \$6,000                               | \$7,000                               | \$8,300                               |

See next page for **Fee Schedule for Fixture Units**

**Fees for Fixture Units** apply to commercial properties as listed in the fee schedule above.

| <b><u>Fee Schedule for Fixture Units</u></b> | <b><u>Current Fees</u></b> | <b><u>Fees as of Jan. 1, 2012</u></b> | <b><u>Fees as of July 1, 2012</u></b> | <b><u>Fees as of July 1, 2013</u></b> |
|--|----------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| Per automatic clothes washer                 | \$612                      | \$650                                 | \$760                                 | \$900                                 |
| Per automatic dishwasher                     | \$653                      | \$690                                 | \$810                                 | \$960                                 |
| Per bath tub                                 | \$348                      | \$370                                 | \$430                                 | \$510                                 |
| Per dental chair (equipped with plumbing)    | \$197                      | \$210                                 | \$240                                 | \$290                                 |
| Per drain-floor                              | \$295                      | \$310                                 | \$370                                 | \$430                                 |
| Per drinking fountain or electric cooler     | \$149                      | \$160                                 | \$190                                 | \$220                                 |
| Per laundry tray                             | \$348                      | \$370                                 | \$430                                 | \$510                                 |
| Per lavatory-regular                         | \$215                      | \$230                                 | \$270                                 | \$320                                 |
| Per sink-kitchen, laboratory, slop, surgeon  | \$410                      | \$440                                 | \$510                                 | \$600                                 |
| Per shower-stall                             | \$348                      | \$370                                 | \$430                                 | \$510                                 |
| Per toilet                                   | \$674                      | \$720                                 | \$830                                 | \$990                                 |
| Per urinal                                   | \$330                      | \$350                                 | \$410                                 | \$480                                 |

**Calculation of Industrial User Capacity Charges:**

| <b>Article IX – Table 2</b>                                |                 |  |
|--|-----------------|--|
| <b>Industrial User Capacity Charges Assignment Formula</b> |                 |  |
| Parameter  | Cost Allocation | Assumed Loading (1.0 Unit)   |
| Flow   | 50%             | 210 gal/day  |
| BOD  | 25%             | 175 mg/L   |
| TSS  | 25%             | 200 mg/L   |
| <b>Step 1</b>  |                 |  |
| Flow Factor  |                 | = $\frac{\text{Average Daily Flow}}{210 \text{ gals/day}}$                       |
| <b>Step 2</b>  |                 |  |
| Strength Factor  |                 | = $0.50 + (\text{BOD} \div 175 \times 0.25) + (\text{TSS} \div 200 \times 0.25)$ |
| <b>Step 3</b>  |                 |  |
| Equivalent Dwelling Units (EDUs)                           |                 | = (Flow Factor) x (Strength Factor)  |
| <b>Step 4</b>  |                 |  |
| Capacity Charge  |                 | = (Equivalent Dwelling Units) x (Current Single Family Dwelling Rate)            |

The EDU value calculated above will then be multiplied by 1.5 to determine the maximum allowable peak day EDU. If the actual peak day EDU exceeds the maximum allowable peak day EDU, then additional capacity charges shall be due in accordance with the following formula:

**Additional Capacity Charge =**  
 **$((\text{Actual Peak Day EDU} \div 1.5) - \text{Permitted EDU}) \times \text{Current Single Family Dwelling Rate}$**

After the industry is connected to the sewer and their discharge has been monitored for a reasonable length of time as determined by the General Manager, then actual loading shall be calculated using the formulas listed above. Any additional capacity charges shall be due within 30 days of invoice date. Industries shall be limited to the capacity purchased. If an industry exceeds its allowable capacity the District will, if capacity is available calculate and charge the industry for the additional capacity used. These fees will always be based on the single family dwelling unit capacity charge rate in effect at the time. If additional capacity is not available then the District will assess a fine equal to twice the calculated capacity charge for each day the violation(s) occur.

Industries that utilize the above formula will be required to stay within the allowed capacity limits. The District may require continuous or intermittent sampling by the industry to ascertain the type and quantity of the industrial discharge. If the industry does not stay within the allowable peak daily flow, BOD and TSS capacity limits as defined above, then the industry will have to purchase additional capacity at the rates in effect at that time.

If the industry's pollutants are incompatible with the District's treatment system, but will not cause a discharge or sludge disposal violation for the District, then the District may allow the connection with a special fee calculation. If the industry's pollutants will cause a discharge or sludge disposal violation, then the District will not allow the connection.