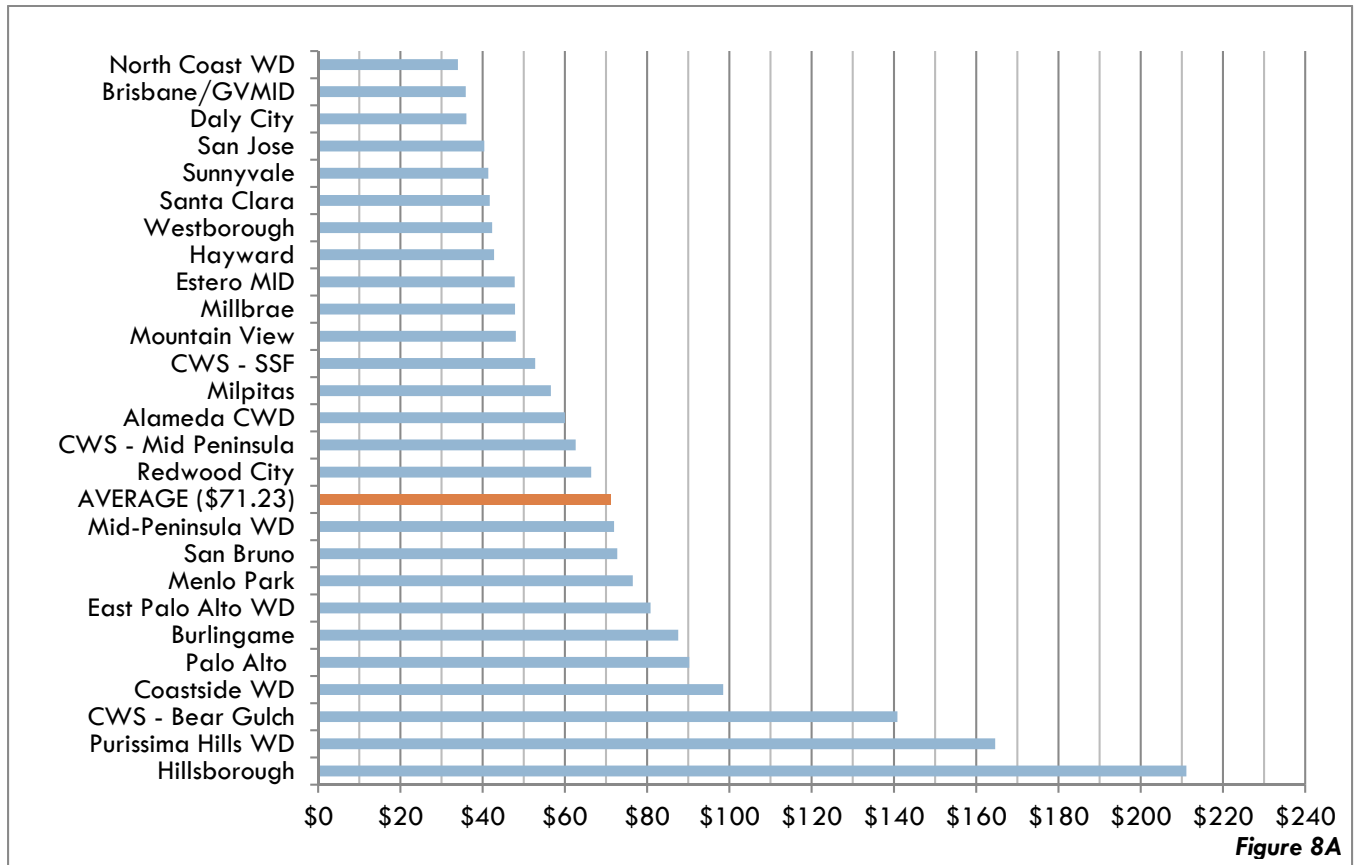


## 8. Current Residential Water Bills

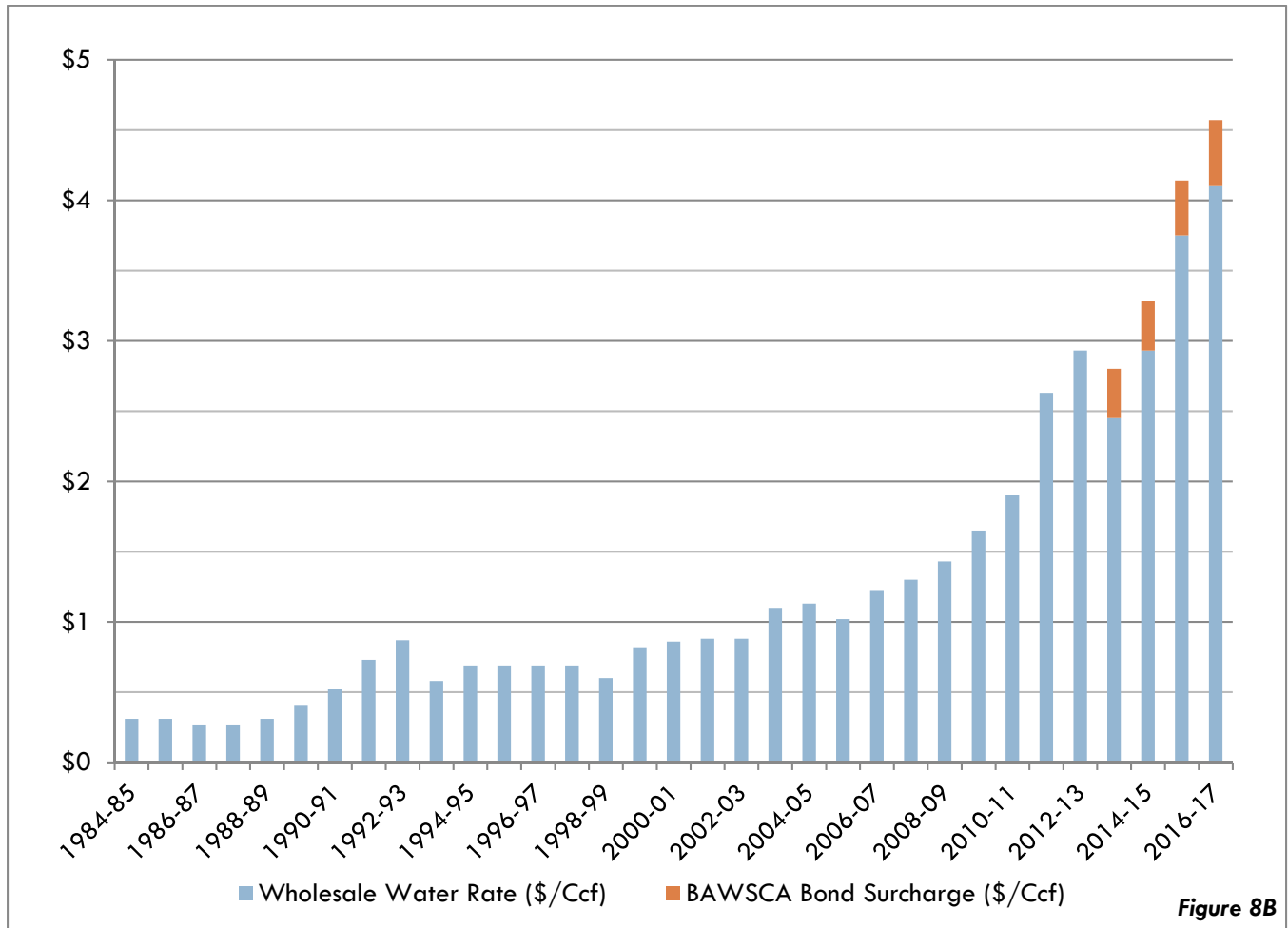


**Figure 8A: Single Family Water Bills Based on Average Monthly Use Using Rates in Effect for FY 2016-17**



**Figure 8A**

**Figure 8B: Historical and Current SF RWS Wholesale Water Rates and BAWSCA Bond Surcharges  
FY 1985-85 to Present**



**Figure 8B**

**Table 8A: Single Family Water Bills\* Based on Average Monthly Use for FY 2016-17, Using Rates in Effect for FY 2016-17**

**Inclusive of all BAWSCA agencies except Stanford; California Water Service is separated into its three service areas.**

| <b>Member</b>         | <b>Municipalities<br/>Average Monthly<br/>Use (ccf)</b> | <b>Special<br/>Districts<br/>Average<br/>Monthly Use<br/>(ccf)</b> | <b>All Agencies<br/>Average<br/>Monthly Bill</b> |
|-----------------------|---|--|--|
| North Coast CWD       |   | 5.0  | \$34.00  |
| Brisbane/GVMID        | 4.3   |  | \$35.89  |
| Daly City             | 6.6   |  | \$36.08  |
| San Jose              | 6.5   |  | \$40.42  |
| Sunnyvale             | 7.9   |  | \$41.38  |
| Santa Clara           | 8.4   |  | \$41.76  |
| Westborough WD        |   | 5.6  | \$42.32  |
| Hayward               | 6.2   |  | \$42.79  |
| Estero MID            |   | 7.8  | \$47.83  |
| Millbrae              | 6.0   |  | \$47.90  |
| Mountain View         | 6.3   |  | \$48.10  |
| CWS - South SF        |   | 6.2  | \$52.79  |
| Milpitas              | 7.4   |  | \$56.62  |
| Alameda CWD           |   | 8.7  | \$60.03  |
| CWS - Mid-Peninsula   |   | 7.7  | \$62.62  |
| Redwood City          | 7.2   |  | \$66.39  |
| Mid-Peninsula WD      |   | 6.7  | \$71.98  |
| San Bruno             | 8.6   |  | \$72.76  |
| Menlo Park            | 9.3   |  | \$76.52  |
| East Palo Alto        | 11.9  |  | \$80.86  |
| Burlingame            | 7.5   |  | \$87.59  |
| Palo Alto             | 9.7   |  | \$90.27  |
| Coastside CWD         |   | 5.6  | \$98.49  |
| CWS - Bear Gulch      |   | 17.5   | \$140.87   |
| Purissima Hills WD    |   | 25.3   | \$164.65   |
| Hillsborough          | 19.4  |  | \$211.13   |
| <b>Total Averages</b> | <b>8.3</b>  | <b>9.6</b>   | <b>\$71.23</b>                                   |

\* Inclusive of any service charge.

**Note:** Differences in average monthly bills may reflect local capital improvements or maintenance expenditures, the size of the rate base, the extent to which revenue is generated through connections, and other factors.

**Source:** BAWSCA FY 2016-17 Annual Survey

**Table 8B: Single Family Water Bills\* Based on Average Monthly Use for FY 2016-17, Using Rates in Effect for FY 2016-17**

**Inclusive of Service Charge (1 of 3)**

| Member/<br>Average Monthly Use (Units)      | Billing<br>Cycle      | Service<br>Charge | Rate<br>per ccf | Rate<br>Blocks<br>(ccf) | Total<br>Monthly<br>Bill | Effective: | Remarks  |
|---|-----------------------|-------------------|-----------------|-------------------------|--------------------------|------------|--|
| <b>Alameda CWD</b><br>8.7                   | Bimonthly             | \$49.84           | \$4.05          |                         | \$60.03                  | Effective: | 3/1/2017<br>Does not include drought surcharge |
| <b>Brisbane/Guadalupe Valley MID</b><br>4.3 | Bimonthly             | \$22.67           | \$5.19          | 1 - 3                   | \$35.89                  | Effective: | 12/31/2016                                     |
|   | 3/4-inch meter        |                   | \$7.00          | 4 - 8                   |                          |            |  |
|   |                       |                   | \$8.69          | 9 - 16                  |                          |            |  |
|   |                       |                   | \$11.05         | 17 +                    |                          |            |  |
| <b>Burlingame</b><br>7.5                    | Bimonthly             | \$72.72           | \$6.34          | 0.0 - 5.4               | \$87.59                  | Effective: | 1/1/2017                                       |
|   | Up to 3/4- inch meter |                   | \$7.11          | 5.4 - 10.7              |                          |            |  |
|   |                       |                   | \$7.88          | 10.7 - 21.4             |                          |            |  |
|   |                       |                   | \$8.66          | 21.4 - 32.1             |                          |            |  |
|   |                       |                   | \$9.43          | 32.1 +                  |                          |            |  |
| <b>CWS - Bear Gulch</b><br>17.5             | Monthly               | \$19.61           | \$6.73          | 1 - 10                  | \$140.87                 | Effective: | 7/15/2016                                      |
|   | 5/8 x 3/4 inch meter  |                   | \$7.15          | 11 - 35                 |                          |            |  |
|   |                       |                   | \$8.56          | 35 +                    |                          |            |  |
| <b>CWS - Mid Peninsula</b><br>7.7           | Monthly               | \$14.70           | \$6.18          | 0 - 7                   | \$62.62                  | Effective: | 1/1/2017                                       |
|   | 5/8 x 3/4 inch meter  |                   | \$6.65          | 8 - 12                  |                          |            |  |
|   |                       |                   | \$8.24          | 13 +                    |                          |            |  |
| <b>CWS - South San Francisco</b><br>6.2     | Monthly               | \$14.70           | \$6.18          | 1 - 7                   | \$52.79                  | Effective: | 1/1/2017                                       |
|   | 5/8 x 3/4 inch meter  |                   | \$6.65          | 8 - 12                  |                          |            |  |
|   |                       |                   | \$8.24          | 13 +                    |                          |            |  |
| <b>Coastside CWD</b><br>5.6                 | Bimonthly             | \$47.45           | \$9.19          | 1 - 4                   | \$98.49                  | Effective: | 7/1/2016                                       |
|   | 5/8-inch meter        |                   | \$10.26         | 5 - 16                  |                          |            |  |
|   |                       |                   | \$13.23         | 17 - 30                 |                          |            |  |
|   |                       |                   | \$17.53         | 31 +                    |                          |            |  |
| <b>Daly City</b><br>6.6                     | Bimonthly             | \$28.20           | \$3.35          | 0 - 14                  | \$36.08                  | Effective: | 7/1/2016                                       |
|   | Up to 3/4- inch meter |                   | \$7.67          | 15 +                    |                          |            |  |
| <b>East Palo Alto</b><br>11.9               | Bimonthly             | \$15.34           | \$6.16          |                         | \$80.86                  | Effective: | 7/1/2016                                       |
|   | 5/8 inch meter        |                   |                 |                         |                          |            |  |
| <b>Estero MID</b><br>7.8                    | Bimonthly             | \$17.25           | \$5.03          | 0 - 20                  | \$47.83                  | Effective: | 1/1/2017                                       |
|   |                       |                   | \$6.06          | 20 +                    |                          |            |  |

\* Average single family use among BAWSCA agencies varies from 4.3 to 29.5 units per month. 1 unit = 1 ccf. Includes individually metered single family homes, townhouses, and condos. It is calculated by dividing single family water use (Table 4A) by the number of single family accounts (Table 4B); divided by 12.

**Table 8B: Single Family Water Bills\* Based on Average Monthly Use for FY 2016-17, Using Rates in Effect for FY 2016-17****Inclusive of Service Charge (2 of 3)**

| Member/<br>Average Monthly Use (Units) | Billing<br>Cycle                    | Service<br>Charge | Rate<br>per ccf                                  | Rate<br>Blocks<br>(ccf)                           | Total<br>Monthly<br>Bill | Effective: | Remarks    |
|--|-------------------------------------|-------------------|--|---|--------------------------|------------|------------|
| <b>Hayward</b><br>6.2                  | Bimonthly<br>5/8-inch meter         | \$14.00           | \$5.80<br>\$7.14<br>\$8.41                       | 1 - 8<br>9 - 25<br>26 +                           | \$42.79                  | Effective: | 10/1/2016  |
| <b>Hillsborough</b><br>19.4            | Monthly<br>Up to 1-inch meter       | \$60.00           | \$7.14<br>\$8.44<br>\$9.68<br>\$11.58<br>\$14.18 | 0 - 10<br>10 - 25<br>25 - 50<br>50 - 100<br>100 + | \$211.13                 | Effective: | 1/1/2017   |
| <b>Menlo Park</b><br>9.3               | Monthly<br>0 inch meter             | \$20.08           | \$5.01<br>\$6.09                                 | 0 - 0<br>0 +                                      | \$76.52                  | Effective: | 7/1/2017   |
| <b>Mid-Peninsula WD</b><br>6.7         | Monthly<br>5/8-inch meter           | \$22.00           | \$5.62<br>\$8.22<br>\$9.82<br>\$11.42            | 0 - 2<br>3 - 9<br>10 - 22<br>55 +                 | \$71.98                  | Effective: | 7/1/2016   |
| <b>Millbrae</b><br>6.0                 | Bimonthly                           | \$30.00           | \$5.45   |   | \$47.90                  | Effective: | 7/1/2016   |
| <b>Milpitas</b><br>7.4                 | Bimonthly<br>5/8-inch meter         | \$18.00           | \$6.43   |   | \$56.62                  | Effective: | 4/1/2016   |
| <b>Mountain View</b><br>6.3            | Bimonthly<br>Single-family accounts | \$12.70           | \$4.76<br>\$6.35<br>\$10.16                      | 0 - 3<br>3 - 15<br>15 +                           | \$48.10                  | Effective: | 7/1/2016   |
| <b>North Coast CWD</b><br>5.0          | Bimonthly                           | \$26.76           | \$4.10<br>\$6.66<br>\$10.75<br>\$17.36           | 1 - 5<br>6 - 10<br>11 - 19<br>20 +                | \$34.00                  | Effective: | 1/1/2017   |
| <b>Palo Alto</b><br>9.7                | Monthly<br>5/8-inch meter           | \$16.03           | \$6.66<br>\$9.18                                 | 0 - 6<br>7 +                                      | \$90.27                  | Effective: | 7/1/2017   |
| <b>Purissima Hills WD</b><br>25.3      | Monthly<br>3/4-inch meter           | \$15.00           | \$5.01<br>\$6.52<br>\$8.46<br>\$10.39<br>\$12.33 | 1 - 10<br>11 - 30<br>31 - 60<br>61 - 100<br>101 + | \$164.65                 | Effective: | 12/31/2016 |

\* Average single family use among BAWSCA agencies varies from 4.1 to 23.8 units per month. 1 unit = 1 ccf. Includes individually metered single family homes, townhouses, and condos. It is calculated by dividing single family water use (Table 4A) by the number of single family accounts (Table 4B); divided by 12.

**Table 8B: Single Family Water Bills\* Based on Average Monthly Use for FY 2016-17, Using Rates in Effect for FY 2016-17**

**Inclusive of Service Charge (3 of 3)**

| Member/<br>Average Monthly Use (Units) | Billing<br>Cycle                  | Service<br>Charge | Rate<br>per ccf                      | Rate<br>Blocks<br>(ccf)            | Total<br>Monthly<br>Bill | Effective: | Remarks  |
|--|-----------------------------------|-------------------|--------------------------------------|------------------------------------|--------------------------|------------|--|
| <b>Redwood City</b><br>7.2             | Bimonthly                         | \$56.98           | \$5.27                               | 0 - 8<br>9 - 20<br>21 - 40<br>41 + | \$66.39                  | 8/1/2016   |  |
| <b>San Bruno</b><br>8.6                | Bimonthly<br>3/4 inch meter       | \$19.49           | \$7.36<br>\$8.83<br>\$11.78          | 0 - 10<br>11 - 20<br>21 +          | \$72.76                  | 7/1/2017   |  |
| <b>San Jose MWD-N</b><br>6.5           | Bimonthly<br>5/8-inch meter       | \$32.02           | \$3.74<br>\$4.31                     | 0 - 7<br>7 +                       | \$40.42                  | 7/1/2016   |  |
| <b>Santa Clara</b><br>8.4              | Monthly                           | \$4.16            | \$4.95                               |                                    | \$41.76                  | 12/31/2016 | Service charge is the minimum monthly charge, not added if usage is greater than the minimum charge. |
| <b>Sunnyvale</b><br>7.9                | Bimonthly<br>5/8 x 3/4 inch meter | \$18.80           | \$3.75<br>\$4.58<br>\$0.00<br>\$0.00 | 0 - 5<br>6 - 0<br>0 - 0<br>0 +     | \$5.25                   | 7/1/2016   |  |
| <b>Westborough WD</b><br>5.6           | Bimonthly                         | \$12.70           | \$6.48                               |                                    | \$42.32                  | 7/1/2016   |  |

\* Average single family use among BAWSCA agencies varies from 4.1 to 23.8 units per month. 1 unit = 1 ccf. Includes individually metered single family homes, townhouses, and condos. It is calculated by dividing single family water use (Table 4A) by the number of single family accounts (Table 4B); divided by 12.

| <b>Summary Billing Information</b>      |                  | <b>Average</b> |
|---|------------------|----------------|
|   | <b>**Average</b> | <b>Monthly</b> |
|   | <b>Monthly</b>   | <b>Service</b> |
|   | <b>Bill</b>      | <b>Charge</b>  |
| All BAWSCA Agencies                     | \$71.23          | \$14.96        |
| Municipal Agencies Only                 | \$66.37          | \$15.29        |
| Special Districts / Private             | \$77.86          | \$14.52        |
| ** Inclusive of service charge          |                  |                |
| Source: BAWSCA FY 2016-17 Annual Survey |                  |                |



**Table 8C: SF RWS Wholesale Water Rates and BAWSCA Bond Surcharges  
FY 1984-85 to Present**

| Year    | Wholesale Water Rate (\$/Ccf) | BAWSCA Bond Surcharge (\$/Ccf) |
|---------|-------------------------------|--------------------------------|
| 1984-85 | \$ 0.31                       | \$ -                           |
| 1985-86 | \$ 0.31                       | \$ -                           |
| 1986-87 | \$ 0.27                       | \$ -                           |
| 1987-88 | \$ 0.27                       | \$ -                           |
| 1988-89 | \$ 0.31                       | \$ -                           |
| 1989-90 | \$ 0.41                       | \$ -                           |
| 1990-91 | \$ 0.52                       | \$ -                           |
| 1991-92 | \$ 0.73                       | \$ -                           |
| 1992-93 | \$ 0.87                       | \$ -                           |
| 1993-94 | \$ 0.58                       | \$ -                           |
| 1994-95 | \$ 0.69                       | \$ -                           |
| 1995-96 | \$ 0.69                       | \$ -                           |
| 1996-97 | \$ 0.69                       | \$ -                           |
| 1997-98 | \$ 0.69                       | \$ -                           |
| 1998-99 | \$ 0.60                       | \$ -                           |
| 1999-00 | \$ 0.82                       | \$ -                           |
| 2000-01 | \$ 0.86                       | \$ -                           |
| 2001-02 | \$ 0.88                       | \$ -                           |
| 2002-03 | \$ 0.88                       | \$ -                           |
| 2003-04 | \$ 1.10                       | \$ -                           |
| 2004-05 | \$ 1.13                       | \$ -                           |
| 2005-06 | \$ 1.02                       | \$ -                           |
| 2006-07 | \$ 1.22                       | \$ -                           |
| 2007-08 | \$ 1.30                       | \$ -                           |
| 2008-09 | \$ 1.43                       | \$ -                           |
| 2009-10 | \$ 1.65                       | \$ -                           |
| 2010-11 | \$ 1.90                       | \$ -                           |
| 2011-12 | \$ 2.63                       | \$ -                           |
| 2012-13 | \$ 2.93                       | \$ -                           |
| 2013-14 | \$ 2.45                       | \$ 0.35                        |
| 2014-15 | \$ 2.93                       | \$ 0.35                        |
| 2015-16 | \$ 3.75                       | \$ 0.39                        |
| 2016-17 | \$ 4.10                       | \$ 0.47                        |

\*In 2013, BAWSCA issued Revenue Bonds (Series 2013A and 2013B) to prepay the remaining capital cost recovery payments that the BAWSCA member agencies owed the the SFPUC as of June 30, 2013. Beginning in FY 2013-14, BAWSCA began collecting a fixed bond surcharge from each member agency, as a separate item on the monthly water bills from the SFPUC, to make debt service payments on the revenue bonds, reimburse bond administration expenses, and, as necessary, replenish a stabilization fund set up to limit the volatility in annual changes in the payments.