

**APPENDIX A-1**

| Counties  | Type                  | Project #  | SFPUC Capital Projects  | Construction Start | Construction Finish | Estimated Base Construction Contract Cost |
|---|-----------------------|------------|---|--------------------|---------------------|---|
| Pursuant to the process detailed in the Second Addendum approved by the Commission, the JAC has added the Water Enterprise Capital Improvement Program (WECIP), including AWSS; (2) the Hetch Hetchy Capital Improvement Program (HCIP); and (3) the Wastewater Enterprise Capital Program (WWECP). |                       |            |   |                    |                     |   |
|   |                       |            | <b>Water Enterprise Capital Improvement Program</b>             |                    |                     | <b>\$1.6 Billion</b>                      |
|   |                       |            | <b>Hetch Hetchy Water and Power Capital Improvement Program</b> |                    |                     | <b>\$701 Million</b>                      |
|   |                       |            | <b>Wastewater Enterprise Capital Improvement Program</b>        |                    |                     | <b>\$450 Million</b>                      |
|   |                       |            | <b>Auxiliary Water Supply System Projects</b>                   |                    |                     | <b>\$200 Million</b>                      |
| Counties  | Type                  | Project #  | Project Title   | Construction Start | Construction Finish | Estimated Base Construction Contract Cost |
| Alameda   | Miscellaneous         | CUW27701   | Sunol Long Term Improvements Watershed Center                   | Mar-20             | Aug-21              | \$22,000,000                              |
| Alameda   | Dam                   | CUW35201   | Alameda Creek Fishery Enhancement                               | Jun-10             | Dec-11              | \$10,869,000                              |
| Alameda   | Pipeline              | CUW35302   | Seismic Improvements of BDPL Nos.3 & 4                          | Sep-10             | Apr-12              | \$47,268,000                              |
| Alameda   | Tunnel                | CUW35901   | New Irvington Tunnel  | Nov-09             | Apr-13              | \$153,994,000                             |
| Alameda   | Pipeline              | CUW35902   | Alameda Siphons # 4   | Dec-08             | Oct-10              | \$56,824,000                              |
| Alameda   | Pipeline & Tunnel     | CUW36801   | Bay Division Pipeline Reliability & Tunnel *                    | Jul-09             | Jul-13              | \$406,648,000                             |
| Alameda   | Dam                   | CUW37401   | Calaveras Dam Replacement                                       | Jan-09             | Jul-11              | \$169,019,000                             |
| Alameda   | Pipeline              | CUW37403   | San Antonio Back Up Pipeline                                    | Jan-10             | Dec-11              | \$21,712,000                              |
| Alameda   | Treatment Plant       | CUW38101   | New Sunol Valley Treated Water Plant Expansion & Treated Water  | Dec-10             | Mar-13              | \$147,801,000                             |
| Alameda   | Pump Station          | CUW38601   | San Antonio Pump Station Upgrade                                | Nov-09             | Jul-11              | \$11,235,477                              |
| San Francisco   | Pipeline              | 10014227~  | Bay Corridor Transmission and Distribution Project              | Jun-17             | Mar-22              | \$90,000,000                              |
| San Francisco   | Ground Water Project. | CUW30102   | Groundwater Projects - Phase B                                  | Jan-09             | Dec-12              | \$15,397,771                              |
| San Francisco   | Ground Water Project. | CUW30103   | Groundwater Projects - Phase C                                  | Oct-10             | Aug-13              | \$27,724,744                              |
| San Francisco   | Reclamation Projects  | CUW30201   | Recycled Water Project  | Mar-10             | Mar-12              | \$136,031,643                             |
| San Francisco   | Recycled Water        | CUW30204   | Harding Park Recycled Water Project                             | Oct-10             | Mar-12              | \$5,251,100                               |
| San Francisco   | Pump Station          | CUW30901   | Lake Merced Pump Station  | Mar-09             | May-11              | \$52,410,000                              |
| San Francisco   | Pipeline              | CUW31301   | Noe Valley Transmission Main                                    | Apr-09             | Sep-10              | \$8,050,000                               |
| San Francisco   | Reservoir             | CUW31901   | Hunters Point Reservoir   | Jul-10             | Dec-11              | \$7,750,000                               |
| San Francisco   | Pump Station          | CUW32301   | Alemany Pump Station  | Nov-07             | Aug-09              | \$14,000,000                              |
| San Francisco   | Pipeline/Valves       | CUW32301   | North University Mound System                                   | May-08             | Dec-09              | \$12,000,000                              |
| San Francisco   | Reservoir             | CUW33401   | Stanford Heights Reservoir                                      | Sep-07             | Sep-09              | \$18,000,000                              |
| San Francisco   | Reservoir             | CUW33701   | Sutro Reservoir   | Feb-10             | Jan-12              | \$30,000,000                              |
| San Francisco   | Reservoir             | CUW37201   | University Mound Reservoir Upgrades- North Basin                | Jan-09             | Oct-10              | \$71,228,000                              |
| San Francisco   | Automated Water Meter | CUW68601   | Advanced Metering Infrastructure (AMI - Water) (CS-936)         | Jan-10             | Apr-19              | \$70,240,000                              |
| San Francisco   | Buildings and Grounds | CUW688-N02 | New CDD Headquarters at 2000 Marin                              | Jun-21             | Jun-25              | \$337,000,000                             |
| San Francisco   | Pipeline              | CUWAW2AW29 | Auxiliary Water Supply System Pipeline Improvements             | Oct-19             | Oct-20              | \$5,500,000                               |
| San Francisco   | Treatment Plant       | CWP11001   | Treasure Island Wastewater Treatment Plant                      | Dec-21             | Dec-23              | \$130,000,000                             |
| San Francisco   | Miscellaneous         | CWWFAC03   | The Southeast Community Center at 1550 Evans                    | Jan-20             | Dec-21              | \$71,181,251                              |
| San Joaquin   | Treatment Plant       | CUW38401   | Advanced Disinfection   | Jan-09             | Dec-10              | \$70,917,000                              |
| San Mateo   | Dams                  | CUW35401   | Lower Crystal Springs Dam Improvements                          | Jan-10             | Mar-11              | \$13,774,000                              |
| San Mateo   | Miscellaneous         | CUW35501   | Standby Power Facilities - Various Locations *                  | Sep-07             | Oct-09              | \$6,440,000                               |
| San Mateo   | Tunnel                | CUW35601   | New Crystal Springs Bypass Tunnel                               | Jul-08             | Jun-11              | \$57,512,000                              |
| San Mateo   | Reservoir             | CUW36103   | Pulgas Balancing Reservoir Rehabilitation                       | Oct-09             | Oct-11              | \$20,000,000                              |
| San Mateo   | Inst. & Controls      | CUW36301   | Installation of SCADA System - Phase II *                       | Jun-10             | Mar-12              | \$15,018,000                              |
| San Mateo   | Inst. & Controls      | CUW36302   | Installation of SCADA System - Phase II - Security System *     | Dec-09             | Sep-11              | \$9,112,000                               |
| San Mateo   | Treatment Plant       | CUW36602   | HTWTP Short-Term Improvements (Remaining Filters)               | Jul-08             | Mar-10              | \$11,475,000                              |
| San Mateo   | Treatment Plant       | CUW36603   | HTWTP Short-Term Improvements (Coag. & Floccu.)                 | Jul-08             | Mar-10              | \$6,089,845                               |
| San Mateo   | Treatment Plant       | CUW36701   | HTWTP Long-Term Improvements                                    | Apr-11             | Oct-13              | \$112,445,000                             |
| San Mateo   | Pipeline              | CUW37101   | Crystal Springs / San Andreas Transmission Upgrade              | Jun-11             | Oct-13              | \$101,860,000                             |
| San Mateo   | Pipeline              | CUW37801   | Crystal Springs Pipeline No. 2 Replacement                      | Oct-09             | Nov-11              | \$64,439,000                              |
| San Mateo   | Pipeline              | CUW37901   | San Andreas Pipeline No. 3 Installation                         | Mar-09             | Dec-10              | \$29,165,000                              |
| San Mateo   | Valve Lots            | CUW39101   | Baden and San Pedro Valve Lots Improvements                     | Apr-09             | Apr-11              | \$31,536,000                              |
| Santa Clara   | Pipeline              | CUW38001   | BDPL No. 3 & 4 - Crossovers                                     | Nov-10             | Nov-12              | \$24,921,000                              |
| Santa Clara   | Miscellaneous         | CUWxxxxxx  | Watershed Management and Land Acquisition                       | Jul-10             | Jun-13              | \$12,000,000                              |
| Stanislaus  | Pipeline              | CUW37301   | San Joaquin Pipeline Systems                                    | Jan-11             | Jul-13              | \$249,053,000                             |
| Stanislaus  | Pipeline              | CUW37302   | San Joaquin Pipeline Systems - Rehab of Existing System         | Oct-06             | May-14              | \$66,763,944                              |
| Tuolumne  | Tunnel                | CUH10221   | Mountain Tunnel Improvement Project *                           | Mar-20             | Mar-27              | \$140,000,000                             |

Notes:

\* Project located in multiple counties

~ Project created in FSP and thus does not have a FAMIS generated project number