



Earthquake Safety and Emergency Response Bond Program

Monthly Status Report
March 2012

Prepared for the

San Francisco Police Department
San Francisco Fire Department
Public Utilities Commission

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EXECUTIVE SUMMARY

Public Safety Building

QA/QC and cost reconciliation tasks were implemented in March on 60% CD documents for Public Safety Building and 50% CD documents for Fire Station #30.

Construction Activities include installation of soil mix walls; set-up and installation of temporary utilities; and relocation of AT&T conduits and sewer lines.

Neighborhood Fire Stations

Building program for replacement Fire Stations #5 and #16, written by the special expertise consulting architect for fire station operations, and will be presented for SFFD approval on April 5, 2012.

Initial meeting with SF Port and Bay Conservation and Development Commission (BCDC) staff on March 22, 2012 re: the Fire Boat Station project was productive.

Design work on Groups I and II Focused Scope stations continues. Bids for Fire Station 28 Roof Replacement were opened on March 28, 2012. Additional roof and exterior building envelope packages will be bid at the rate of one per week through the months of April and May 2012.

Auxiliary Water Supply System (AWSS)

AECOM/AGS JV continued work on the Planning Support Services project.

Work continued on a conceptual engineering report for Pumping Station 2. Design began for Ashbury Tank and continued for Jones Street Tank, Pumping Station 1, and Twin Peaks Reservoir.

Design work continued for candidate locations for new cisterns and repair of existing cisterns.

Budget and Expenditures

The total allocation in City Job Order is \$64,411,455 which represents 16% of the budget. The expenditures increased by \$1,946,883 from \$23,930,551 to \$25,877,434 which represents 6% of the budget. The following is summary of the budget and expenditures:

| Component | Budget | City Job Orders | Allocations/ | Expenditures | Expenditures/ |
|--|----------------------|----------------------|--------------|---------------------|---------------|
| | | Allocations | Budget | | Budget |
| Public Safety Building | \$239,000,000 | \$48,316,961 | 20% | \$18,161,619 | 8% |
| Neighborhood Fire Stations | \$64,000,000 | \$5,163,062 | 8% | \$3,713,461 | 6% |
| Auxiliary Water Supply System (AWSS) | \$102,400,000 | \$8,396,928 | 8% | \$3,237,423 | 3% |
| Oversight, Accountability & Cost of Issuance | \$6,900,000 | \$2,534,504 | 37% | \$764,932 | 11% |
| Total | \$412,300,000 | \$64,411,455 | 16% | \$25,877,434 | 6% |
| Plus funds allocated as Job Order Reserve | | \$198,438,545 | | | |
| Total | | \$262,850,000 | | | |

For a detailed breakdown of the budget and expenditures refer to page 3.

The proceeds of the sale were appropriated in mid March. The breakdown of the proceeds is discussed in the Funding Section of this report.

| Job Order Number & Title | Total Project Budget | Appropriation | | | Expenditures | | | Encumbrance | Balance | % Expenditures/ Appropriation | % Expenditures/ Budget |
|---|----------------------|---------------------|--------------------------|----------------------|---------------------|---------------------------|------------------------|---------------------|----------------------|----------------------------------|---------------------------|
| | | Previous | Change +/- | Current | Previous | Current 03/01-03/31/12 | Total | | | | |
| Public Safety Building | | | | | | | | | | | |
| 7400A Public Safety Planning | \$550,000 | \$550,000 | \$0 | \$550,000 | \$550,000 | \$0 | \$550,000 | \$0 | \$0 | 100% | 0% |
| 7410A Public Safety Building | \$238,450,000 | \$62,546,284 | \$160,620,972 | \$223,167,256 | \$16,204,363 | \$1,407,256 | \$17,611,619 | \$24,038,541 | \$181,517,097 | 8% | 7% |
| Sub-Total | \$239,000,000 | \$63,096,284 | \$160,620,972 | \$223,717,257 | \$16,754,363 | \$1,407,256 | \$18,161,619 | \$24,038,541 | \$181,517,097 | 8% | 8% |
| Neighborhood Fire Stations | | | | | | | | | | | |
| 7420A Neighborhood Fire Stations Program | \$1,015,669 | \$1,015,669 | \$0 | \$1,015,669 | \$1,015,669 | \$0 | \$1,015,669 | \$0 | \$0 | 100% | 2% |
| 7421A Fire Station No. 5 | \$6,919,461 | \$5,000 | \$0 | \$5,000 | | | \$0 | \$0 | \$5,000 | 0% | 0% |
| 7422A Fire Station No. 22 | \$5,360,492 | \$5,000 | \$0 | \$5,000 | | | \$0 | \$0 | \$5,000 | 0% | 0% |
| 7423A Fire Station No. 43 | \$8,325,616 | \$5,000 | \$0 | \$5,000 | | | \$0 | \$0 | \$5,000 | 0% | 0% |
| 7424A Fire Boat/ Fire Station No. 35 | \$19,526,085 | \$21,906 | \$0 | \$21,906 | \$46,639 | \$5,823 | \$52,462 | \$0 | (\$30,556) | 239% | 0% |
| 7425A Medical/Equipment Logistics Ctr. | \$11,715,856 | \$5,000 | \$0 | \$5,000 | | | \$0 | \$0 | \$5,000 | 0% | 0% |
| 7426A Fire Station No. 2 | \$3,703,576 | \$5,000 | \$0 | \$5,000 | | | \$0 | \$0 | \$5,000 | 0% | 0% |
| 7427A Fire Station No. 36 | \$2,631,272 | \$5,000 | \$0 | \$5,000 | | | \$0 | \$0 | \$5,000 | 0% | 0% |
| 7428A Focused Scope Fire Stations | \$4,270,750 | \$5,000 | \$0 | \$5,000 | | | \$0 | \$0 | \$5,000 | 0% | 0% |
| 7430A Neighborhood Fire Stations | \$362,223 | \$4,610,855 | \$20,749,768 | \$25,360,623 | \$1,449,757 | \$73,954 | \$1,523,711 | \$721,681 | \$23,115,232 | 6% | 2% |
| 7431A ESER Fire Stations-Group 1 Roofing | \$123,000 | \$1,288,968 | \$1,000 | \$1,289,968 | \$979,806 | \$53,766 | \$1,033,572 | \$36,505 | \$219,891 | 80% | 2% |
| 7432A ESER Fire Stations-Group 1 & 2 Showers | \$46,000 | \$155,000 | \$0 | \$155,000 | \$74,311 | \$6,677 | \$80,988 | | \$74,012 | 52% | 0% |
| 7433A Fire Boat Slab Repair | \$0 | \$0 | \$254,012 | \$254,012 | \$0 | \$7,060 | \$7,060 | | \$246,952 | 0% | 0% |
| 7434A ESER NFS Building Envelopes-Window | \$0 | \$0 | \$69,133 | \$69,133 | \$0 | \$0 | \$0 | | \$69,133 | 0% | 0% |
| Sub-Total | \$64,000,000 | \$7,127,398 | \$21,073,913 | \$28,201,311 | \$3,566,181 | \$147,280 | \$3,713,461 | \$758,186 | \$23,729,665 | 13% | 6% |
| Auxiliary Water Supply System (AWSS) | | | | | | | | | | | |
| 1390J AWSS Planning & Development | \$1,316,963 | \$1,316,963 | \$0 | \$1,316,963 | \$1,316,963 | \$0 | \$1,316,963 | \$0 | \$0 | 100% | 1% |
| CUW AWS AW | | | | | | | | | | | |
| Jones Street Tank | \$6,413,878 | \$493,362 | \$0 | \$493,362 | \$213,304 | \$41,051 | \$254,355 | \$0 | \$239,007 | 0% | 0% |
| Ashbury Heights Tank | \$5,821,830 | \$264,099 | \$10,000 | \$274,099 | \$118,647 | \$63,605 | \$182,252 | \$0 | \$91,847 | 66% | 0% |
| Twin Peaks Reservoir | \$4,243,028 | \$245,575 | \$310,300 | \$555,875 | \$211,742 | \$24,087 | \$235,829 | \$0 | \$320,046 | 0% | 0% |
| Pump Station No. 2 | \$14,011,862 | \$2,130,617 | (\$814,600) | \$1,316,017 | \$181,522 | \$42,046 | \$223,568 | \$0 | \$1,092,449 | 17% | 0% |
| Pump Station No. 1 | \$3,453,629 | \$190,000 | \$302,500 | \$492,500 | \$150,220 | \$14,024 | \$164,244 | \$0 | \$328,256 | 0% | 0% |
| Cisterns Contract | \$35,523,033 | \$546,312 | \$0 | \$546,312 | \$104,756 | \$61,880 | \$166,636 | \$0 | \$379,676 | 31% | 0% |
| Pipes and Tunnels | \$31,615,777 | \$3,010,000 | (\$10,000) | \$3,000,000 | \$471,552 | \$20,210 | \$491,762 | \$1,115,428 | \$1,392,810 | 16% | 0% |
| Pipe/Tunnel #1 | | \$200,000 | \$201,800 | \$401,800 | \$199,003 | \$2,811 | \$201,814 | | \$199,986 | 50% | 0% |
| Sub-Total | \$102,400,000 | \$8,396,928 | \$0 | \$8,396,928 | \$2,967,709 | \$269,714 | \$3,237,423 (1) | \$1,115,428 | \$4,044,077 | 39% | 3% |
| General Obligation Bond (GOB) Oversight/Accountability and Cost of Issuance and Associated Costs | | | | | | | | | | | |
| Controller's Audit Fund (081C4) | \$810,800 | \$157,241 | \$363,390 | \$520,631 | \$0 | | \$0 | \$0 | \$520,631 | 0% | 0% |
| Citizens GOB Oversight Committee | \$405,400 | \$79,520 | \$183,330 | \$262,850 | \$0 | | \$0 | \$0 | \$262,850 | 0% | 0% |
| Cost of Issuance (06C00+07311) | | \$450,676 | \$404,573 | \$855,249 | \$430,346 | \$122,633 | \$552,979 | | | | |
| Underwriter's Discount | \$5,683,800 | \$211,953 | \$683,821 | \$895,774 | \$211,953 | | \$211,953 (2a) | \$0 | \$302,270 | 44% | 13% |
| Sub-Total | \$6,900,000 | \$899,390 | \$1,635,114 | \$2,534,504 | \$642,299 | \$122,633 | \$764,932 | \$0 | \$1,769,572 | 30% | 11% |
| Total | \$412,300,000 | \$79,520,000 | \$183,330,000 (5) | \$262,850,000 | \$23,930,551 | \$1,946,883 | \$25,877,434 | \$25,912,155 | \$211,060,411 | 10% | 6% |

Per FAMIS fiscal month 09 2012 (March 2012), the actual expenditures are \$52,661,731. The variances are as follows:

- (1) The transfer out to PUC AWSS is shown as actual (0935W OTO TO 5W-WATER DE) \$8,396,928
- (a) less \$1,316,936 for forecasted pre-bond expenditures not yet posted in FAMIS (\$1,316,963)
- (b) less \$1,920,460 for actuals per FAMIS Project structure CUW AWS AW posted as of 04/11/12 (\$1,920,460)
- (2) The First Bond Sale underwriters discount of \$211,953 was separated from the premium \$5,118,923 as follows: \$5,118,923
- (a) deducted underwriters discount \$211,953 from 0934G OTO TO 4D/GOB-GEN and added it to 07311 BOND ISSUANCE COST (\$211,953)
- (3) The Second Bond Sale premium of \$16,898,267 (0934G) \$16,898,268
- (4) Labor costs under current expenditures not yet posted in FAMIS (FPS 03/19-03/30/12) for DPW only (\$180,448)
- (5) The appropriation of \$183,330,000 will be appropriated to specific job orders.

Total \$52,661,731

PROGRAM SUMMARY AND STATUS

San Francisco Police & Fire Departments Public Safety Building



View of East Façade along Third Street

Project Description: The Public Safety Building (PSB) is meant to provide a new venue for the SFPD Headquarters – effectively the command and control administration of the City’s police department-including the relocation of Southern District Station and a new Mission Bay Fire Station. Included in the project is the reuse of Fire Station #30, which will serve as a multi-purpose facility for the Fire Department and the community. Historic resource consultants have determined that the existing fire station is eligible for the National Register of Historic Places. Consistent with the Mission Bay SEIR Addendum No. 7, Mitigation Measures, Item D.02, this facility will be retained and reused in a manner that preserves its historic integrity. The other components of the project will be designed to be respectful of the historic integrity of the existing fire station.

Both the Police Headquarters and the Southern District Police station are located at 850 Bryant also known as the Hall of Justice. This facility is over 50 years old and does not meet current seismic codes and requirements. In the event of a major earthquake, this building is not expected to be operational. The PSB will provide a new venue for these two police elements that are a part of a larger strategy to replace the Hall of Justice, established in the City’s Capital Plan as the *Justice Facilities Improvement Program* (JFIP).

Project Background: The functionality of the entire police department in the event of a major catastrophe relies on the ability of the police leadership within police command center headquarters to promptly and properly coordinate public safety services in the city. The district station plays an equally critical role in providing responsive public safety to residents of San Francisco in a timely manner. This station includes those working the front line that are the first to arrive at a crime scene, maintain the peace during difficult situations, assist in the investigation of criminal activity; provide support to other first responders including the Fire Department, the Medical Examiner and Crime Scene Investigation (CSI).

Project Status:

Construction Activities in March:

- Relocation of soil currently stockpiled on Block 9 by forces under contract to the Mission Bay Development Group (MBDG) will enable the full licensed staging area to become useable
- Installation and re-route of existing AT&T conduits and new sewer lines along Mission Rock Street (by AT&T and MBDG) will provide for realignment of the street and construction activities within the project site bound by the proposed perimeter.
- Existing condition survey; set-up of temporary dewatering tanks; and temporary utilities installation and connection are completed to enable construction to proceed.
- Installation of soil mix walls around building perimeter is completed. Various unforeseen site conditions and obstructions were discovered and mitigated.

Cost validation and Quality Assurance/Quality Control (QA/QC) processes continued on 60% Construction Document for PSB and 50% Construction Document for FS#30.

Site permit issued 3/28

- Pile Permit Addendum #1 issued 3/28
- Additional Street Space Permit (DPW) issued 3/28
- General Excavation Permit (DPW) issued 3/28

Pankow website www.buildSFPSB.com went live for the sake of providing project background, construction status and bidding opportunities.

Discussions with the Bay Area Air Quality Air Management District (BAAQMD) Air Quality Inspector regarding expectations for construction site maintenance, required measures, and recommendations.

Project Schedule:

RFQ/RFP issuance, pre-qual and pre-bid meetings, RFQ application scoring, are occurring for various trade packages.

Trade Package Activities in March:

- RFQ Issuance: Waterproofing
- RFQ Evaluation: Concrete; Manhoist; Elevator
- RFP Issuance: Structural Concrete
- Pre-bid Meeting: Manhoist; Structural Steel
- Bid Opening: Manhoist
- Pre-construction meeting: Production Piles; Mass Excavation and Tieback

Refer to Page 8 for a detailed schedule.

Project Budget Status: The budget for the Public Safety Building is \$239,000,000. The approved appropriated amount is \$227,217,258 funded from the proceeds of both the First and Second Bond Sales. The appropriation was reduced by \$3,500,000 from \$66,596,284 to \$63,096,284 and the funds were re-allocated under the Neighborhood Fire Stations Component. Now that the proceeds of the Second Bond Sale have been received, the \$3,500,000 will be re-allocated to the Public Safety Building.

Current Expenditures: The expenditures increased by \$1,407,256 from \$16,754,363 to \$18,161,169. The following is an account of the expenditures for this month:

- \$301,019 for the Building Design and Construction Division for the following services:
 - \$282,202 for Architectural and Project Management Services:
 - \$196,640 for architectural design services of construction documents
 - \$12,667 for FF&E project start-up services
 - \$69,980 for project management services
 - \$2,915 for CSO administration services.
 - \$9,849 for Engineering Services.
 - \$8,968 for Construction Administration Services
- \$2,205 for Reproduction Services
- \$7,044 for the Art Commission.
- \$504 for SFPUC/EnerNoc for services related to Commissioning
- \$1,038,966 for Pankow for Construction Services and \$26,480 for Pre-construction services provided in January.
- \$13 for IT services to implement the Enterprise Project Management (EPM), a project management tool.
- \$754 for ENGEO Inc. for special testing services for the Indicator Piles.
- \$21,713 for GTC to provide geotechnical and environmental consulting services during February including project coordination and management, review of plans for the steel pile addendum and preparation of geotechnical deliverables for the pile addendum, discussion with project design team regarding pile integrity testing during production pile driving review and revision of the steel pile specification, reply to contractor RFIs, part-time field observation and monitoring during soil mix shaft installation, preparation of daily field reports, review of Raito's daily monitoring reports of soil mix shaft installation, preparation of final asbestos/dust mitigation plan and coordination with BAAQMD, and groundwater sampling and environmental analytical testing.

Current Allocations: The reserve decreased by \$3,811,313 from \$18,590,636 to \$14,779,323 due to the following transactions:

- \$301,019 to DPW-BDC as follows:
 - (\$81,024) for Construction Documents Phase
 - \$107,609 for Project Management Labor 2012 budget
 - \$7,366 for CSO administration services for TEF
 - \$2,345 for CSO administration services for ENGEO.
- \$100,000 for Pankow Change Order 001 and 002.
- \$1,607,693 for Materials Testing and Special Inspection Services
- \$27,300 for Modification no. 1 to Vanir to incorporate BRW's architectural design review services for PSB's Fire Station No. 4.
- \$23,338 for ENGEO to provide additional Special Inspection and Testing Services
- \$73,658 to TEF Consultant to provide REVIT Modeling
- \$381,331 to HOK to accommodate Modification No. 3 and incorporate Additional Services 10 thru 17.
- \$1,561,697 to DBI for permit no 2011.1006.6246.

For a comparison of budget and expenditures related to these transactions, refer to the pages 11 and 12.

| Job Order Number & Title | Total Project Budget | Appropriation | | | Expenditures | | | Encumbrance | Balance | % Expenditures/ Appropriation | % Expenditures/ Budget |
|-------------------------------|----------------------|---------------------|----------------------|----------------------|---------------------|---------------------------|---------------------|---------------------|----------------------|----------------------------------|---------------------------|
| | | Previous | Change +/- | Current | Previous | Current 03/01-03/31/12 | Total | | | | |
| Public Safety Building | | | | | | | | | | | |
| 7400A Public Safety Planning | \$550,000 | \$550,000 | \$0 | \$550,000 | \$550,000 | \$0 | \$550,000 | \$0 | \$0 | 100% | 0% |
| 7410A Public Safety Building | \$238,450,000 | \$62,546,284 | \$160,620,972 | \$223,167,256 | \$16,204,363 | \$1,407,256 | \$17,611,619 | \$24,038,541 | \$181,517,097 | 8% | 7% |
| Sub-Total | \$239,000,000 | \$63,096,284 | \$160,620,972 | \$223,717,257 | \$16,754,363 | \$1,407,256 | \$18,161,619 | \$24,038,541 | \$181,517,097 | 8% | 8% |

Public Safety Building
Job Order 7400A Pre-Bond Programming and Development (CESER1PS00)

Summary of City/DPW Labor Costs

| Firm/Scope | Appropriation | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures |
|---|------------------|------------------|---------------------------|------------------|-------------|------------|----------------------------|
| | | Previous | Current 03/01-03/31/12 | Total | | | |
| Building Design and Construction | | | | | | | |
| Architectural Services | \$154,480 | \$154,480 | \$0 | \$154,480 | \$0 | \$0 | 100% |
| Engineering Services | \$7,568 | \$7,568 | \$0 | \$7,568 | \$0 | \$0 | 100% |
| Construction Management Services | \$2,467 | \$2,467 | \$0 | \$2,467 | \$0 | \$0 | 100% |
| Total | \$164,515 | \$164,515 | \$0 | \$164,515 | \$0 | \$0 | 100% |

Summary of Consultants & Other City Services and Agencies

| Scope | Appropriation | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures |
|--------------------------|------------------|------------------|---------------------------|------------------|-------------|------------|----------------------------|
| | | Previous | Current 03/01-03/31/12 | Total | | | |
| Real Estate Department | \$50,000 | \$50,000 | | \$50,000 | \$0 | \$0 | 100% |
| HOK | \$307,386 | \$307,386 | | \$307,386 | \$0 | \$0 | 100% |
| CM West - Cost Estimates | \$20,902 | \$20,902 | | \$20,902 | \$0 | \$0 | 100% |
| City Reproduction | \$259 | \$259 | | \$259 | \$0 | \$0 | 100% |
| City Attorney | \$922 | \$922 | | \$922 | \$0 | \$0 | 100% |
| Express Overnight | \$16 | \$16 | | \$16 | \$0 | \$0 | 100% |
| Coro | \$6,000 | \$6,000 | | \$6,000 | \$0 | \$0 | 100% |
| Total | \$385,485 | \$385,485 | \$0 | \$385,485 | \$0 | \$0 | 100% |

| | | | | | | | |
|--|------------------|------------------|------------|------------------|------------|------------|-------------|
| Public Safety Building (Pre-Bond) Total | \$550,000 | \$550,000 | \$0 | \$550,000 | \$0 | \$0 | 100% |
|--|------------------|------------------|------------|------------------|------------|------------|-------------|

Public Safety Building
Job Order 7410A (CESER1PS10)

Summary of City/DPW Labor Costs

| Firm - Scope | Appropriation | | | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures |
|---|--------------------|-----------------|--------------------|--------------------|---------------------------|--------------------|-------------|--------------------|----------------------------|
| | Previous | Change +/- | Current | Previous | Current 03/01-03/31/12 | Total | | | |
| Building Design and Construction | | | | | | | | | |
| Architectural Services | \$4,988,624 | \$33,951 | \$5,022,575 | \$3,502,884 | \$282,202 | \$3,785,086 | \$0 | \$1,237,489 | 75.36% |
| Engineering Services | \$144,854 | \$0 | \$144,854 | \$64,853 | \$9,849 | \$74,702 | \$0 | \$70,152 | 51.57% |
| Construction Management Services | \$49,709 | \$2,345 | \$52,054 | \$27,833 | \$8,968 | \$36,801 | \$0 | \$15,253 | 70.70% |
| Total | \$5,183,187 | \$36,296 | \$5,219,483 | \$3,595,570 | \$301,019 | \$3,896,589 | \$0 | \$1,322,894 | 74.65% |

Summary of Consultants & other City Services and Agencies

| Scope | Appropriation | | | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures |
|--|---------------|-------------|--------------|--------------|---------------------------|-------------|--------------|-------------|----------------------------|
| | Previous | Change +/- | Current | Previous | Current 03/01-03/31/12 | Total | | | |
| Elite Reprographics | \$31,795 | \$0 | \$31,795 | \$3,198 | \$2,205 | \$5,403 | \$27,427 | (\$1,035) | 16.99% |
| Bureau of Urban Forestry | \$9,803 | \$0 | \$9,803 | \$12,566 | | \$12,566 | | (\$2,763) | 128.19% |
| Bureau of Streets-use and Mapping | \$44,099 | \$0 | \$44,099 | \$35,638 | | \$35,638 | \$0 | \$8,461 | 80.81% |
| Bureau of Building Repair | \$1,327 | \$0 | \$1,327 | \$127 | | \$127 | | | |
| Public Information | \$92,417 | \$0 | \$92,417 | \$18,574 | | \$18,574 | \$0 | \$73,843 | 20.10% |
| DPH Fees - Soil Investigation | \$3,500 | \$0 | \$3,500 | \$1,340 | | \$1,340 | \$0 | \$2,160 | 38.29% |
| Department of Technology | \$1,398 | \$0 | \$1,398 | \$618 | | \$618 | \$0 | \$780 | 44.21% |
| SF Redevelopment Agency | \$60,000 | \$0 | \$60,000 | \$39,780 | | \$39,780 | \$20,220 | \$0 | 66.30% |
| Capital Planning - Web Design Svcs | \$5,000 | \$0 | \$5,000 | \$0 | | \$0 | \$0 | \$5,000 | 0.00% |
| Art Commission - Art Enrichment | \$1,578,305 | \$0 | \$1,578,305 | \$620,467 | \$7,044 | \$627,511 | \$71,513 | \$879,281 | 39.76% |
| Art Commission - Civic Design Review | \$8,996 | \$0 | \$8,996 | \$4,623 | | \$4,623 | \$0 | \$4,373 | 51.39% |
| City Planning | \$3,163 | \$0 | \$3,163 | \$3,163 | | \$3,163 | \$0 | \$0 | 100.00% |
| City Attorney | \$60,000 | \$0 | \$60,000 | \$8,968 | | \$8,968 | \$0 | \$51,032 | 14.95% |
| PUC/EnerNoc - Commissioning | \$358,742 | \$0 | \$358,742 | \$2,334 | \$504 | \$2,838 | \$293,906 | \$61,998 | 0.79% |
| PUC/PG&E - Temporary Power | \$100,022 | \$0 | \$100,022 | \$100,022 | | \$100,022 | \$0 | \$0 | 100.00% |
| Treasurer - | \$224 | \$0 | \$224 | \$79 | | \$79 | \$0 | \$145 | 35.27% |
| Pankow - Construction Manager/General Contractor | \$16,171,436 | \$100,000 | \$16,271,436 | \$636,215 | \$1,038,966 | \$1,675,181 | \$14,496,254 | \$100,001 | 10.30% |
| Bluewater - SFFD #30 Exploratory Holes | \$79,973 | \$0 | \$79,973 | \$71,314 | | \$71,314 | \$0 | \$8,659 | 89.17% |
| EPM | \$7,500 | \$0 | \$7,500 | \$2,906 | \$13 | \$2,919 | \$4,616 | (\$35) | 38.92% |
| MTSI | \$1 | \$1,607,693 | \$1,607,694 | \$0 | | \$0 | | \$1,607,694 | 0.00% |
| Vanir - Construction Mgmt Support Svcs. | \$1,143,000 | \$27,300 | \$1,170,300 | \$0 | | \$0 | \$1,143,000 | \$27,300 | 0.00% |
| Smith Emery, FS #30 Const. Materials Testing | \$11,910 | \$0 | \$11,910 | \$0 | \$8,558 | \$8,558 | \$3,353 | (\$1) | 71.86% |
| AGS Geotechnical Consultant | \$10,493 | \$0 | \$10,493 | \$0 | | \$0 | \$10,492 | \$1 | 0.00% |
| ENGEO Inc. | \$20,125 | \$23,338 | \$43,463 | \$12,702 | \$754 | \$13,456 | \$30,007 | \$0 | 30.96% |
| Kai-Yee Woo | \$94,800 | \$0 | \$94,800 | | | | \$94,800 | | |
| TEF Consultant - Programming | \$129,003 | \$73,658 | \$202,661 | \$129,003 | | \$129,003 | \$73,658 | \$0 | 63.65% |
| Hellmuth Obata Kassabaum (HOK) - Architect | \$16,810,006 | \$381,331 | \$17,191,337 | \$9,569,072 | | \$9,569,072 | \$7,240,933 | \$381,332 | 55.66% |
| GTC Geotechnical | \$717,319 | \$0 | \$717,319 | \$374,964 | \$21,713 | \$396,677 | \$320,642 | \$0 | 55.30% |

| Firm - Scope | Appropriation | | | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures |
|---|---------------------|-------------------|---------------------|---------------------|---------------------------|---------------------|---------------------|---------------------|----------------------------|
| | Previous | Change +/- | Current | Previous | Current 03/01-03/31/12 | Total | | | |
| Pankow - Construction Manager/General Contractor (CM/GC) Pre-Construction Svcs. | \$1,047,867 | \$0 | \$1,047,867 | \$822,201 | \$26,480 | \$848,681 | \$199,186 | \$0 | 80.99% |
| Tetrattech - Environmental | \$48,730 | \$0 | \$48,730 | \$43,793 | | \$43,793 | \$4,776 | \$161 | 89.87% |
| URS/TECI - Public Information | \$43,017 | \$0 | \$43,017 | \$43,017 | | \$43,017 | \$0 | \$0 | 100.00% |
| Millennium - Haz Mat Survey of FS#30 | \$6,111 | \$0 | \$6,111 | \$5,728 | | \$5,728 | \$383 | \$0 | 93.73% |
| Creegan+D'Angelo (Adavant); | \$9,852 | \$0 | \$9,852 | \$9,852 | | \$9,852 | \$0 | \$0 | 100.00% |
| North Tower - SFFD #30 Exploratory Holes Oversight | \$18,675 | \$0 | \$18,675 | \$15,300 | | \$15,300 | \$3,375 | \$0 | 81.93% |
| ReproMail - City Reproduction Svcs. | \$200 | \$0 | \$200 | \$0 | | \$0 | \$0 | \$200 | 0.00% |
| BSM Non-Labor | \$1,144 | \$0 | \$1,144 | \$1,144 | | \$1,144 | \$0 | \$0 | 100.00% |
| BBR Non-Labor | \$2,000 | \$0 | \$2,000 | \$0 | | \$0 | | \$2,000 | 0.00% |
| BUF Non-Labor | \$2,700 | \$0 | \$2,700 | \$3,286 | | \$3,286 | | (\$586) | 121.70% |
| PG&E Quit Claim, Easement | \$1,000 | \$0 | \$1,000 | \$1,000 | | \$1,000 | \$0 | \$0 | 100.00% |
| Storm Water Resources Control Board | \$466 | \$0 | \$466 | \$466 | | \$466 | \$0 | \$0 | 100.00% |
| Miscellaneous Charges | \$5,000 | \$0 | \$5,000 | \$3,744 | | \$3,744 | \$0 | \$1,256 | 74.88% |
| Coro - Interns | \$8,000 | \$0 | \$8,000 | \$7,000 | | \$7,000 | \$0 | \$1,000 | 87.50% |
| Advertising - legal notices, i.e. RFP/Qs | \$5,000 | \$0 | \$5,000 | \$2,501 | | \$2,501 | \$0 | \$2,499 | 50.01% |
| Green Building Certification Institue (LEED Certification Fees) | \$17,000 | \$0 | \$17,000 | \$900 | | \$900 | \$0 | \$16,100 | 5.29% |
| DBI - Permits | \$1,342 | \$1,561,697 | \$1,563,039 | \$1,188 | | \$1,188 | | \$1,561,851 | 0.08% |
| Reserve | \$18,590,636 | (\$3,811,313) | \$14,779,323 | \$0 | | \$0 | \$0 | \$14,779,323 | 0.00% |
| Total | \$57,363,097 | (\$36,296) | \$57,326,801 | \$12,608,793 | \$1,106,237 | \$13,715,030 | \$24,038,541 | \$19,572,030 | 23.92% |
| Public Safety Building Total | \$62,546,284 | \$0 | \$62,546,284 | \$16,204,363 | \$1,407,256 | \$17,611,619 | \$24,038,541 | \$20,894,924 | 28.16% |

San Francisco Fire Department Neighborhood Fire Stations

Project Description: The ESER 1 bond will renovate or replace selected fire stations to provide improved safety and a healthy work environment for the firefighters. The selected stations are determined according to their importance for achieving the most effective delivery of fire suppression and emergency medical services possible.

Project Background: Many of the 42 San Francisco Fire Stations have structural, seismic, and other deficiencies. Some may not be operational after a large earthquake or disaster; threatening the ability of the firefighters to respond to an emergency. In addition, there are other fire department resources that support and augment the capacity of the department to provide effective fire suppression capability.

Prior to approval of the bond program, the majority of the City's fire stations and support facilities were assessed for their respective condition and to identify vulnerabilities or deficiencies that could compromise their essential role as deployment venues for first responders.

For planning purposes, the assessment reports were reviewed by cost estimators who prepared estimates of the cost of correcting the conditions noted in the assessments. The cost estimates indicate only the overall "order of magnitude" of the various facility deficiencies and relative proportions of various types of work.

Preliminary assessment of the neighborhood fire stations indicate that the sum of all existing deficiencies would require a budget exceeding \$350 million to correct, significantly more funds than are available for such purposes in this bond. Therefore, additional detailed planning is required to focus the expenditures of this bond towards the most beneficial and cost effective immediate rehabilitation and/or improvement projects.

A preliminary list of projects to be completed by the ESER 1 bond was identified by DPW and the Fire Administration, and accepted by the Fire Commission at their meeting of September 23, 2010.

The ESER 1 bond program identified improvements to 16 of the 42 neighborhood fire stations, as well as the Fire Boat Station and the Equipment Logistics Center, which will consolidate the Bureau of Equipment (currently at 2501 25th Street) with the Emergency Medical Services and Arson Task Force at 1415 Evans.

SFFD evaluated project scope and program budget options prepared by DPW and approved on February 29, 2012 a final slate of Groups I, II and III projects to be completed as part of ESER 1. Direction was also provided for the preferred development of the Fire Boat Station and the Emergency Logistics Center (ELC.)

Project Status

SFFD evaluated project scope and program budget options prepared by DPW and approved on February 29, 2012 a final slate of Groups I, II and III projects to be completed as part of ESER 1. Direction was also provided for the preferred development of the Fire Boat Station and the Emergency Logistics Center (ELC.) See summary table at the end of this section for project list and initial program budget. Development of baseline schedule and baseline budgets for these projects are underway for SFFD approval in April and May 2012.

Design work on Groups I and II Focused Scope stations continues. Bids for Fire Station 28 Roof Replacement were opened on March 28, 2012.

Roof replacement projects for 10 additional Fire Stations will be bid in 3 packages of 3 stations, 3 stations and 4 stations, respectively, in April 2012.

Building exterior envelope packages for 15 Fire Stations will be bid in 6 packages in April and May 2012. Packages 1 and 2 for one fire station will be bid to Micro LBE contractors as set-aside contracts. Package 3 for two fire stations will be priced by DPW - BBR for in-house execution. Packages 4, 5, and 6 for 3 stations, 3 stations, and 4 stations respectively will be bid to B license contractors.

Shower reconstruction at Stations 6, 15 and 38 was priced by the contractor and materials are in fabrication. Construction is scheduled to begin in April 2012.

Building program for replacement Fire Stations #5 and #16, written by the special expertise consulting architect for fire station operations, and will be presented for SFFD approval on April 5, 2012.

Design is scheduled to begin in April 2012. Design services will be provided by DPW's BDC and IDC in-house design groups.

Design is scheduled to begin on the Comprehensive renovation at Station #36 in April 2012. Design services will be provided by DPW -BDC's on-call consultant, Paulett Taggart Associates.

Historic evaluation site visits were completed at 21 stations (14 Focused Scope / Alternate stations; 6 Seismic / Comprehensive stations; and the Fire Boat station.) On August 31, City Planning issued a memorandum outlining requirements of a Historic Resource Evaluation (HRE) of the 5 stations identified as potential historic resources: Stations #5, #31, #32, #36, and #44. The HRE report will assess potential impacts to both historic resources listed above, as well as to five stations identified as contributors to a potential 1952 Fire Bond Act Thematic Historic District, Stations #10, #15, #17, #38, and #41. The Historic evaluation of Station 16 was completed in February 2012.

Meetings continued with SF Port and SFFD re: the Functional Program and Planning Options Analysis draft report for the Fire Boat Station #35. Additional meetings are scheduled in March 2012 regarding permitting requirements. The initial meeting with the SF Port and BCDC staff on March 22, 2012 re: the Fire Boat Station project was productive.

The cost estimate for the ELC program sited at the lot behind Station 9 was completed in February 2012. SFFD granted direction to proceed with alternative studies evaluating alternative sites for a more cost effective solution.

The following table shows the preliminary and approved program budget and the approved program scope as discussed above. In addition, it shows that an additional \$8.129 million will supplement the ESER1 budget for New Pier Fire Boat Headquarters and other scope of work not included in ESER1 such as the Fire Boat slab repair and the Fire Station No. 1 FF&E.

| SCOPE OF WORK | PROGRAM BUDGET | | FUNDING | | |
|---|--------------------------|-------------------------------|-------------------|------------------|-------------------|
| | Preliminary ¹ | Approved by SFFD | ESER1 Bonds | Other Funds | Total |
| PRELIMINARY SCOPE OF WORK | | | | | |
| Focused Scope | | | | | |
| Group 1: Stations 6, 13, 28, 38, 41, 42 | | | | | |
| Group 2: Stations 10 (Alt.), 15, 17, 18, 26 (Alt.), 32 (Alt.), 40, 44 | | | | | |
| Group 2: Stations 2, 10, 15, 17, 18, 26, 31, 32, 40 | | | | | |
| Station 44 (Closure) | | | | | |
| Generators Stations 12, 21 | | | | | |
| Focused Scope Total | 4,100,000 | 15,370,000 | 15,370,000 | | 15,370,000 |
| Comprehensive | | | | | |
| Station 2 (moved to Focused Scope) | 4,000,000 | 0 | | | |
| Station 31 (Alt.) (moved to Focused Scope) | 0 | 0 | | | |
| Station 36 | 3,000,000 | 4,100,000 | 4,100,000 | | 4,100,000 |
| Seismic | | | | | |
| Station 5 (New Station 2-story) | 7,000,000 | 10,800,000 | 10,800,000 | | 10,800,000 |
| Station 22 | 5,000,000 | 0 | 0 | | 0 |
| Station 9 Utility Isolation | 0 | 200,000 | 200,000 | | 200,000 |
| Station 16 (Seismic; New Station 2-story) | 0 | 8,400,000 | 8,400,000 | | 8,400,000 |
| Station 43 | 9,000,000 | 0 | 0 | | 0 |
| New Pier Fire Boat Headquarters | 20,000,000 | 27,170,000 | 19,541,000 | 7,629,000 | 27,170,000 |
| Equipment Logistics Center | 13,000,000 | 2,589,000 | 2,589,000 | | 2,589,000 |
| Program Reserve | | 3,000,000 | 3,000,000 | | 3,000,000 |
| Cost of Finance, GOBOC, Audit | | 1,100,000 | 1,100,000 | | 1,100,000 |
| Fire Boat Slab Repair (Non-ESER1 related) | | 200,000 | | 200,000 | 200,000 |
| Fire Station 1 FF&E (Non-ESER1 related) | | 300,000 | | 300,000 | 300,000 |
| ESER NFS PROGRAM BUDGET TOTAL | 65,100,000 | 73,229,000² | 65,100,000 | 8,129,000 | 73,229,000 |

¹Based on condition assessment not project scope or SFFD approved scope.

²SFFD requested that \$8.129M remaining in previous Fire Facility Bond funds supplement ESER1 funds.

Project Schedule: SFFD evaluated project scope and program budget options prepared by DPW. On February 29, 2012, SFFD approved a final slate of Groups I, II and III projects to be completed as part of ESER 1. Next step will be development of the baseline project schedule, which will be published in subsequent reports. Fire Station #28 roof replacement project will be bid on March 21, 2012. For a copy of the Project Schedule, refer to page 20.

Project Budget Status: The budget for the Neighborhood Fire Stations is \$64,000,000. Not included in the \$64,000,000 is \$1,100,000 for bond oversight, accountability and bond cost of issuance. Together, the budget is \$65,100,000 as reported in the Bond Program Report. The approved appropriated amount is \$24,701,310 funded from the proceeds of the First and Second Bond Sales. The allocation increased by \$3,500,000 from \$3,627,398 to \$7,127,398 to enable the project manager to award construction contracts in the Fall 2011. The Public Safety Building's appropriation was reduced by \$3,500,000 in order to increase the Neighborhood Fire Stations appropriation. Now that the proceeds from the Second Bond sale have been received, the funding will be returned to the Public Safety Building. As discussed above, an additional \$8,129,000 will supplement the ESER1 budget for the New Pier Fire Boat Headquarters and additional work not included as part of ESER1 scope or budget. Together, the total Program budget is \$73,229,000.

Current Expenditures: The expenditures increased by \$147,280 from \$3,566,181 to \$3,713,461. The \$147,280 was a combination of expenditures under separate job orders as follows:

| | |
|--|------------------|
| 7424A Fire Boat/ Fire Station No. 35 | \$5,823 |
| 7430A Neighborhood Fire Stations | \$73,954 |
| 7431A ESER Fire Stations-Group 1 Roofing | \$53,766 |
| 7432A ESER Fire Stations-Group 1 & 2 Showers | \$6,677 |
| 7433A Fire Boat Slab Repair | \$7,060 |
| <u>Total</u> | <u>\$147,280</u> |

The following is an account of the expenditures per job order:

Job Order 7424A Fire Boat/Fire Station No. 35 (CESER1FS24)

The expenditures increased by \$5,823 from \$46,639 to \$52,462 to continue to provide development options.

Current Allocations: The budget for BDC – Architecture remained at \$21,906 to fund the evaluation of three development options to a programmatic level. The appropriations will be adjusted to match the expenditures next reporting cycle.

For a comparison of budget and expenditures related to the transactions under job order 7424A, refer to the page 23.

Job Order 7430A Programming & Development (CESER1FS30)

The expenditures increased by \$73,954 from \$1,449,757 to \$1,523,711 for the following services:

- \$45,515 for the Building Design and Construction as follows:
 - \$42,136 for Architectural Services:
 - \$3,033 for labor costs for pre-design services.
 - \$39,103 for project management
 - \$3,379 for Engineering Services, Environmental and Disability Access Coordinator as follows:
 - \$2,014 for structural pre-design services
 - \$826 for environmental services
 - \$539 for Disability Access Coordinator Services.
 - \$17,775 for labor costs for the SFFD Representative for charges incurred from pay period ending March 2 and 16.
 - \$1,833 for Hamilton + Aitken for roofing/water proofing services provided in September 2011.
 - \$8,781 for Millennium for hazardous materials surveys developed for ten fire stations from November 1, 2010 thru January 1, 2011.

Current Allocations: The reserve decreased by \$376,645 from \$2,340,981 to \$1,964,336 accommodate the following transactions:

- \$52,000 for BDC Engineering for Contract Preparation for the focused scope projects: Roofing, Building Envelopes-Window Repairs, Mechanical Repairs, etc.
- \$500 for SFFD for travel expenses to participate in a tour in Los Angeles to visit fire stations and the Long Beach Fire Boat House.
- \$376,145 was transferred to job orders 7431A, 7433A and 7434A.

For a comparison of budget and expenditures related to the transactions under job order 7430A, refer to the page 24.

Job Order 7431A ESER Fire Stations-Group 1 Roofing (CESERFS31)

The expenditures increased by \$53,766 from \$979,806 to \$1,033,572 to fund the following services:

- \$936 job order contracting administration services
- \$52,830 for architectural pre-design and construction administration services.

Current Allocations: The allocation increased by \$1,000 from \$to \$1,288,968 to \$1,289,968 to accommodate the following transactions:

- \$1,000 reproduction costs related to contract preparation.

The funding was transferred from job order 7430A Programming and Development.

For a comparison of budget and expenditures related to the transactions under job order 7431A, refer to the page 25.

Job Order 7432A ESER Fire Stations-Group 1 and 2 Showers (CESERFS32)

The expenditures increased by \$6,677 from \$74,311 to \$80,988 to fund Design and Bid Phase services

Current Allocations: The allocation remained at \$155,000.

For a comparison of budget and expenditures related to the transactions under job order 7432A, refer to the page 26.

Job Order 7433A Boat House Slab Repair (CESERFS33)

This is a new job order creating a budget for \$254,012. The expenditures posted in month are \$7,060 for the following services:

- \$2,954 for architectural design services.
- \$94 for Design and installation of new AWS fire hydrant in front of SFFD Station 35, Fireboat Headquarters, on Pier 22 ½ on the Embarcadero.
- \$4,012 for Port Permit Fees.

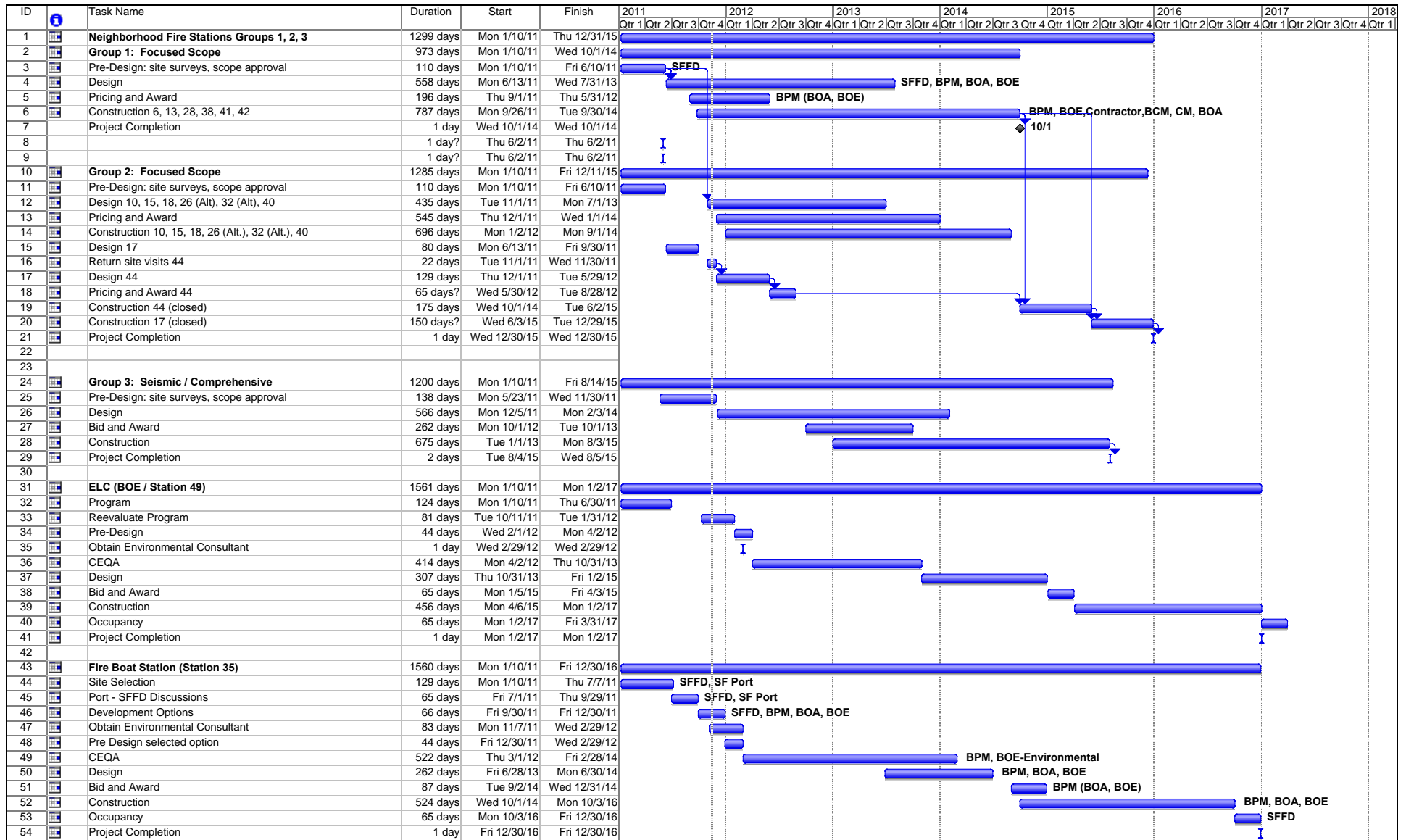
Current Allocations: A new allocation for \$254,012 was created for the following transactions:

- \$12,000 for Architectural Design Services
- \$10,000 for Engineering Design Services
- \$50,000 for PUC Pier 22 ½ Fire Hydrant
- \$4,012 for Port Permit Fees
- \$178,000 job order reserve.

For a comparison of budget and expenditures related to the transactions under job order 7433A, refer to page 27.

Job Order 7434A Building Envelopes-Window Repairs (CESERFS34)

This is a new job order creating a budget for \$200,000 for construction services. A budget spreadsheet has been created and it is located on page 28.



Project: All NFS Summary Schedule M
Date: Mon 11/14/11

Task Progress Summary External Tasks Deadline

Split Milestone Project Summary External Milestone

Page 1

| Job Order Number & Title | Total Project Budget | Appropriation | | | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures | Percentage of Expenditures |
|--|----------------------|--------------------|---------------------|---------------------|--------------------|------------------|--------------------|------------------|---------------------|----------------------------|----------------------------|
| | | Previous | Change +/- | Current | Previous | Current | Total | | | | |
| | | | | | | 03/01-03/31/12 | | | | | |
| Neighborhood Fire Stations | | | | | | | | | | | |
| 7420A Neighborhood Fire Stations Program | \$1,015,669 | \$1,015,669 | \$0 | \$1,015,669 | \$1,015,669 | \$0 | \$1,015,669 | \$0 | \$0 | 100% | 2% |
| 7421A Fire Station No. 5 | \$6,919,461 | \$5,000 | \$0 | \$5,000 | | | \$0 | \$0 | \$5,000 | 0% | 0% |
| 7422A Fire Station No. 22 | \$5,360,492 | \$5,000 | \$0 | \$5,000 | | | \$0 | \$0 | \$5,000 | 0% | 0% |
| 7423A Fire Station No. 43 | \$8,325,616 | \$5,000 | \$0 | \$5,000 | | | \$0 | \$0 | \$5,000 | 0% | 0% |
| 7424A Fire Boat/ Fire Station No. 35 | \$19,526,085 | \$21,906 | \$0 | \$21,906 | \$46,639 | \$5,823 | \$52,462 | \$0 | (\$30,556) | 239% | 0% |
| 7425A Medical/Equipment Logistics Ctr. | \$11,715,856 | \$5,000 | \$0 | \$5,000 | | | \$0 | \$0 | \$5,000 | 0% | 0% |
| 7426A Fire Station No. 2 | \$3,703,576 | \$5,000 | \$0 | \$5,000 | | | \$0 | \$0 | \$5,000 | 0% | 0% |
| 7427A Fire Station No. 36 | \$2,631,272 | \$5,000 | \$0 | \$5,000 | | | \$0 | \$0 | \$5,000 | 0% | 0% |
| 7428A Focused Scope Fire Stations | \$4,270,750 | \$5,000 | \$0 | \$5,000 | | | \$0 | \$0 | \$5,000 | 0% | 0% |
| 7430A Neighborhood Fire Stations | \$362,223 | \$4,610,855 | \$20,749,768 | \$25,360,623 | \$1,449,757 | \$73,954 | \$1,523,711 | \$721,681 | \$23,115,232 | 6% | 2% |
| 7431A ESER Fire Stations-Group 1 Roofing | \$123,000 | \$1,288,968 | \$1,000 | \$1,289,968 | \$979,806 | \$53,766 | \$1,033,572 | \$36,505 | \$219,891 | 80% | 2% |
| 7432A ESER Fire Stations-Group 1 & 2 Showers | \$46,000 | \$155,000 | \$0 | \$155,000 | \$74,311 | \$6,677 | \$80,988 | | \$74,012 | 52% | 0% |
| 7433A Fire Boat Slab Repair | \$0 | \$0 | \$254,012 | \$254,012 | \$0 | \$7,060 | \$7,060 | | \$246,952 | 0% | 0% |
| 7434A ESER NFS Building Envelopes-Window | \$0 | \$0 | \$69,133 | \$69,133 | \$0 | \$0 | \$0 | | \$69,133 | 0% | 0% |
| Sub-Total | \$64,000,000 | \$7,127,398 | \$21,073,913 | \$28,201,311 | \$3,566,181 | \$147,280 | \$3,713,461 | \$758,186 | \$23,729,665 | 13% | 6% |

Neighborhood Fire Stations
Job Order 7420A Pre-Bond Programming & Development (CESER1FS20)

Summary of City/DPW Labor Charges

| Scope | Appropriation | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures |
|---|------------------|------------------|----------------|------------------|-------------|------------|----------------------------|
| | | Previous | Current | Total | | | |
| | | | 03/01-03/31/12 | | | | |
| Building Design and Construction | | | | | | | |
| Architectural Services | \$736,379 | \$736,379 | \$0 | \$736,379 | \$0 | \$0 | 100% |
| Engineering Services | \$78,251 | \$78,251 | \$0 | \$78,251 | \$0 | \$0 | 100% |
| Construction Management Services | \$4,512 | \$4,512 | \$0 | \$4,512 | \$0 | \$0 | 100% |
| Total City Labor Costs | \$819,143 | \$819,143 | \$0 | \$819,143 | \$0 | \$0 | 100% |

Summary of Consultant & Services other City Agencies

| Scope | Appropriation | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures |
|---|------------------|------------------|----------------|------------------|-------------|------------|----------------------------|
| | | Previous | Current | Total | | | |
| | | | 03/01-03/31/12 | | | | |
| Millennium - Haz Mat Surveys | \$27,341 | \$27,341 | \$0 | \$27,341 | \$0 | \$0 | 100% |
| CM West - Cost Estimating | \$42,541 | \$42,541 | \$0 | \$42,541 | \$0 | \$0 | 100% |
| SOHA Engineers - Structural Engineering Svcs. | \$126,644 | \$126,644 | \$0 | \$126,644 | \$0 | \$0 | 100% |
| Total Consultant Costs | \$196,526 | \$196,526 | \$0 | \$196,526 | \$0 | \$0 | 100% |

| | | | | | | | |
|---|--------------------|--------------------|------------|--------------------|------------|------------|-------------|
| Neighborhood Fire Stations Total | \$1,015,669 | \$1,015,669 | \$0 | \$1,015,669 | \$0 | \$0 | 100% |
|---|--------------------|--------------------|------------|--------------------|------------|------------|-------------|

Neighborhood Fire Stations
Job Order 7424A Fire Boat/ Fire Station No. 35 (CESER1FS24)

Summary of City/DPW Labor Charges

| Scope | Appropriation | | | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures |
|---|-----------------|------------|-----------------|-----------------|----------------|-----------------|-------------|-------------------|----------------------------|
| | Previous | Change +/- | Current | Previous | Current | Total | | | |
| | | | | | 03/01-03/31/12 | | | | |
| Building Design and Construction | | | | | | | | | |
| Architectural Services | \$21,906 | \$0 | \$21,906 | \$46,639 | \$5,823 | \$52,462 | \$0 | (\$30,556) | 239% |
| Engineering Services | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | #DIV/0! |
| Construction Management Services | | \$0 | | \$0 | \$0 | \$0 | \$0 | \$0 | #DIV/0! |
| City Labor Costs Total | \$21,906 | \$0 | \$21,906 | \$46,639 | \$5,823 | \$52,462 | \$0 | (\$30,556) | 239% |

Summary of Consultant & other City Services and Agencies

| Scope | Appropriation | | | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures |
|-------------------------------|---------------|------------|------------|--------------|----------------|------------|-------------|------------|----------------------------|
| | Previous | Change +/- | Current | Previous | Current | Total | | | |
| | | | | | 03/01-03/31/12 | | | | |
| Consultant Costs Total | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | #DIV/0! |

| | | | | | | | | | |
|---|-----------------|------------|-----------------|-----------------|----------------|-----------------|------------|-------------------|-------------|
| Fire Boat/ Fire Station No. 35 Total | \$21,906 | \$0 | \$21,906 | \$46,639 | \$5,823 | \$52,462 | \$0 | (\$30,556) | 239% |
|---|-----------------|------------|-----------------|-----------------|----------------|-----------------|------------|-------------------|-------------|

Neighborhood Fire Stations
Job Order 7430A Programming & Development (CESER1FS30)

Summary of City/DPW Labor Charges

| Scope | Appropriation | | | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures |
|--|------------------|-----------------|------------------|------------------|-----------------|------------------|-------------|------------------|----------------------------|
| | Previous | Change +/- | Current | Previous | Current | Total | | | |
| | | | | | 03/01-03/31/12 | | | | |
| Building Design and Construction | | | | | | | | | |
| Architectural Services | \$725,087 | \$0 | \$725,087 | \$721,875 | \$42,136 | \$764,011 | \$0 | (\$38,924) | 105% |
| Engineering Services | \$190,904 | \$52,000 | \$242,904 | \$209,887 | \$3,379 | \$213,266 | \$0 | \$29,638 | 88% |
| Construction Management Services | \$1,500 | \$0 | \$1,500 | \$1,418 | \$0 | \$1,418 | \$0 | \$82 | 95% |
| Building Design and Constructions Total | \$917,491 | \$52,000 | \$969,491 | \$933,181 | \$45,515 | \$978,696 | \$0 | (\$9,205) | 101% |

Summary of Consultant & other City Services and Agencies

| Scope | Appropriation | | | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures |
|---|--------------------|--------------------|--------------------|------------------|-----------------|------------------|------------------|--------------------|----------------------------|
| | Previous | Change +/- | Current | Previous | Current | Total | | | |
| | | | | | 03/01-03/31/12 | | | | |
| SFFD Representative | \$422,648 | \$500 | \$423,148 | \$319,687 | \$17,775 | \$337,462 | \$0 | \$85,686 | 80% |
| Planning Department | \$5,692 | \$0 | \$5,692 | \$5,692 | | \$5,692 | | \$0 | 100% |
| CM West - Cost Estimating | \$20,362 | \$0 | \$20,362 | \$0 | | \$0 | \$20,362 | \$0 | 0% |
| Paulett Taggart - Historic Preservation | \$103,100 | \$0 | \$103,100 | \$24,517 | | \$24,517 | \$78,583 | \$0 | 24% |
| Hamilton + Aitken - Roofing/Water Proofing | \$140,595 | \$0 | \$140,595 | \$118,982 | \$1,883 | \$120,865 | \$19,730 | \$0 | 86% |
| Creegan+D'Angelo - Programming | \$37,766 | \$0 | \$37,766 | \$37,766 | \$0 | \$37,766 | \$0 | \$0 | 100% |
| Millennium - Haz Mat Surveys | \$21,719 | \$0 | \$21,719 | \$9,932 | \$8,781 | \$18,713 | \$3,006 | \$0 | 86% |
| ESER PGRM JV - Construction Mgmt. Support Svcs. | \$600,000 | \$0 | \$600,000 | \$0 | | \$0 | \$600,000 | \$0 | 0% |
| Misc. Charges | \$500 | \$0 | \$500 | \$0 | | \$0 | \$0 | \$500 | 0% |
| Reserve | \$2,340,981 | (\$376,645) | \$1,964,336 | \$0 | | \$0 | \$0 | \$1,964,336 | 0% |
| Consultant Costs Total | \$3,693,364 | (\$376,145) | \$3,317,219 | \$516,576 | \$28,439 | \$545,015 | \$721,681 | \$2,050,523 | 16% |

| | | | | | | | | | |
|---|--------------------|--------------------|--------------------|--------------------|-----------------|--------------------|------------------|--------------------|------------|
| Neighborhood Fire Stations Total | \$4,610,855 | (\$324,145) | \$4,286,710 | \$1,449,757 | \$73,954 | \$1,523,711 | \$721,681 | \$2,041,318 | 36% |
|---|--------------------|--------------------|--------------------|--------------------|-----------------|--------------------|------------------|--------------------|------------|

Neighborhood Fire Stations
Job Order 7431A ESER FIRE STATIONS-GROUP 1 ROOFING (CESERFS31)

Summary of City/DPW Labor Charges

| Scope | Appropriation | | | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures |
|---|------------------|------------|------------------|------------------|-----------------|------------------|-------------|-------------------|----------------------------|
| | Previous | Change +/- | Current | Previous | Current | Total | | | |
| | | | | | 03/01-03/31/12 | | | | |
| Building Design and Construction | | | | | | | | | |
| 11. Architectural Services | \$203,662 | \$0 | \$203,662 | \$188,063 | \$53,766 | \$241,829 | \$0 | (\$38,167) | 119% |
| 12. Engineering Services | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | 0% |
| 13. Construction Management Services | \$8,237 | \$0 | \$8,237 | \$1,478 | \$0 | \$1,478 | \$0 | \$6,759 | 18% |
| City Labor Costs Total | \$211,899 | \$0 | \$211,899 | \$189,540 | \$53,766 | \$243,306 | \$0 | (\$31,407) | 115% |

Summary of Consultant & other City Services and Agencies

| Scope | Appropriation | | | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures |
|--------------------------------|------------------|----------------|------------------|------------------|----------------|------------------|-----------------|------------------|----------------------------|
| | Previous | Change +/- | Current | Previous | Current | Total | | | |
| | | | | | 03/01-03/31/12 | | | | |
| 40. Rodan FS#38 | \$281,036 | \$0 | \$281,036 | \$268,211 | | \$268,211 | \$12,825 | \$0 | 95% |
| 41. Rodan FS#6 | \$289,711 | \$0 | \$289,711 | \$278,855 | | \$278,855 | \$10,856 | (\$0) | 96% |
| 42. Rodan FS#41 | \$139,960 | \$0 | \$139,960 | \$132,718 | | \$132,718 | \$7,242 | \$0 | 95% |
| 43. Rodan FS#42 | \$112,973 | \$0 | \$112,973 | \$107,391 | | \$107,391 | \$5,582 | (\$0) | 95% |
| Rodan Total | \$823,680 | \$0 | \$823,680 | \$787,175 | \$0 | \$787,175 | \$36,505 | \$0 | 0% |
| 44. FS#28 | \$225,000 | \$0 | \$225,000 | \$0 | \$0 | \$0 | \$0 | \$225,000 | 0% |
| Rodan Total | \$225,000 | \$0 | \$225,000 | \$0 | \$0 | \$0 | \$0 | \$225,000 | 0% |
| 50. Gordian Group FS#38 | \$5,480 | \$0 | \$5,480 | | | \$0 | | \$5,480 | 0% |
| 51. Gordian Group FS#6 | \$5,649 | \$0 | \$5,649 | | | \$0 | | \$5,649 | 0% |
| 52. Gordian Group FS#41 | \$2,729 | \$0 | \$2,729 | | | \$0 | | \$2,729 | 0% |
| 53. Gordian Group FS 42 | \$2,203 | \$0 | \$2,203 | | | \$0 | | \$2,203 | 0% |
| The Gordian Group Total | \$16,062 | \$0 | \$16,062 | \$0 | \$0 | \$0 | \$0 | \$16,062 | 0% |
| RP. ARC Reproductions | \$0 | | \$1,000 | \$0 | | \$0 | | \$1,000 | 0% |
| 63. City Repro | \$0 | \$500 | \$500 | \$0 | | \$0 | | \$500 | 0% |
| 80. DBI | \$3,090 | \$0 | \$3,090 | \$3,090 | | \$3,090 | | \$0 | 100% |
| 81. OLSE | \$8,237 | \$0 | \$8,237 | \$0 | | \$0 | | \$8,237 | 0% |
| 82. Advertising | \$0 | \$500 | \$500 | \$0 | | \$0 | | \$500 | 0% |
| Other City Agencies | \$11,327 | \$1,000 | \$13,327 | \$3,090 | \$0 | \$3,090 | \$0 | \$10,237 | 23% |

| | | | | | | | | | |
|---|--------------------|----------------|--------------------|------------------|-----------------|--------------------|-----------------|------------------|------------|
| ESER Fire Stations - Group 1 Roofing Total | \$1,287,968 | \$1,000 | \$1,289,968 | \$979,806 | \$53,766 | \$1,033,572 | \$36,505 | \$219,892 | 80% |
|---|--------------------|----------------|--------------------|------------------|-----------------|--------------------|-----------------|------------------|------------|

Neighborhood Fire Stations
Job Order 7432A ESER FIRE STATIONS-GROUP 1 AND 2 SHOWERS (CESERFS32)

Summary of City/DPW Labor Charges

| Scope | Appropriation | | | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures |
|---|------------------|------------|------------------|-----------------|----------------|-----------------|-------------|-----------------|----------------------------|
| | Previous | Change +/- | Current | Previous | Current | Total | | | |
| | | | | | 03/01-03/31/12 | | | | |
| Building Design and Construction | | | | | | | | | |
| Architectural Services | \$115,000 | \$0 | \$115,000 | \$74,311 | \$6,677 | \$80,988 | \$0 | \$34,012 | 70% |
| Engineering Services | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | 0% |
| Construction Management Services | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | #DIV/0! |
| City Labor Costs Total | \$115,000 | \$0 | \$115,000 | \$74,311 | \$6,677 | \$80,988 | \$0 | \$34,012 | 70% |

Summary of Consultant & other City Services and Agencies

| Scope | Appropriation | | | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures |
|---------------|-----------------|------------|-----------------|--------------|----------------|------------|-------------|-----------------|----------------------------|
| | Previous | Change +/- | Current | Previous | Current | Total | | | |
| | | | | | 03/01-03/31/12 | | | | |
| BBR Labor | \$20,000 | \$0 | \$20,000 | | | \$0 | | \$20,000 | 0% |
| BBR Non Labor | \$20,000 | \$0 | \$20,000 | | | \$0 | | \$20,000 | 0% |
| | \$40,000 | \$0 | \$40,000 | \$0 | \$0 | \$0 | | \$40,000 | 0% |

| | | | | | | | | | |
|---|------------------|------------|------------------|-----------------|----------------|-----------------|------------|-----------------|------------|
| ESER Fire Stations Group 1 and 2 Showers | \$155,000 | \$0 | \$155,000 | \$74,311 | \$6,677 | \$80,988 | \$0 | \$74,012 | 52% |
|---|------------------|------------|------------------|-----------------|----------------|-----------------|------------|-----------------|------------|

Neighborhood Fire Stations
Job Order 7433A ESER Boat House Slab Repair (CESERFS33)

Summary of City/DPW Labor Charges

| Scope | Appropriation | | | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures |
|---|---------------|-----------------|-----------------|--------------|----------------|----------------|-------------|-----------------|----------------------------|
| | Previous | Change +/- | Current | Previous | Current | Total | | | |
| | | | | | 03/01-03/31/12 | | | | |
| Building Design and Construction | | | | | | | | | |
| Architectural Services | | \$12,000 | \$12,000 | \$0 | \$2,954 | \$2,954 | \$0 | \$9,046 | 25% |
| Engineering Services | \$0 | \$10,000 | \$10,000 | \$0 | \$0 | \$0 | \$0 | \$10,000 | 0% |
| Construction Management Services | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | #DIV/0! |
| City Labor Costs Total | \$0 | \$22,000 | \$22,000 | \$0 | \$2,954 | \$2,954 | \$0 | \$19,046 | 13% |

Summary of Consultant & other City Services and Agencies

| Scope | Appropriation | | | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures |
|---|---------------|------------------|------------------|--------------|----------------|----------------|-------------|------------------|----------------------------|
| | Previous | Change +/- | Current | Previous | Current | Total | | | |
| | | | | | 03/01-03/31/12 | | | | |
| 37. PUC Pier 22 1/2 Fire Hydrant | | \$50,000 | \$50,000 | | \$94 | \$94 | | \$49,906 | 0% |
| 39. Port Permit Fees | | \$4,012 | \$4,012 | | \$4,012 | \$4,012 | | (\$0) | 100% |
| 99. Reserve | | \$178,000 | \$178,000 | | | \$0 | | \$178,000 | 0% |
| | \$0 | \$232,012 | \$232,012 | \$0 | \$4,106 | \$4,106 | | \$227,906 | 0% |
| ESER Fire Stations Group 1 and 2 Showers | \$0 | \$254,012 | \$254,012 | \$0 | \$7,060 | \$7,060 | \$0 | \$246,952 | 3% |

Neighborhood Fire Stations
Job Order 7434A ESER NFS BUILDING ENVELOPES-WINDOW REPAIRS (CESERFS34)

Summary of City/DPW Labor Charges

| Scope | Appropriation | | | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures |
|---|---------------|------------|------------|--------------|----------------|------------|-------------|------------|----------------------------|
| | Previous | Change +/- | Current | Previous | Current | Total | | | |
| | | | | | 03/01-03/31/12 | | | | |
| Building Design and Construction | | | | | | | | | |
| Architectural Services | | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | #DIV/0! |
| Engineering Services | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | 0% |
| Construction Management Services | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | #DIV/0! |
| City Labor Costs Total | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | #DIV/0! |

Summary of Consultant & other City Services and Agencies

| Scope | Appropriation | | | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures |
|---|---------------|-----------------|-----------------|--------------|----------------|------------|-------------|-----------------|----------------------------|
| | Previous | Change +/- | Current | Previous | Current | Total | | | |
| | | | | | 03/01-03/31/12 | | | | |
| | | \$0 | | | \$0 | \$0 | | \$0 | #DIV/0! |
| | | \$0 | | | \$0 | \$0 | | \$0 | #DIV/0! |
| 99. Reserve | | \$69,133 | \$69,133 | | | \$0 | | \$69,133 | 0% |
| | \$0 | \$69,133 | \$69,133 | \$0 | \$0 | \$0 | | \$69,133 | 0% |
| ESER Fire Stations Group 1 and 2 Showers | \$0 | \$69,133 | \$69,133 | \$0 | \$0 | \$0 | \$0 | \$69,133 | 0% |

PUBLIC UTILITIES COMMISSION AUXILIARY WATER SUPPLY SYSTEM (AWSS)

Program Description: The AWSS delivers high-pressure water for fire suppression in several areas of the City. This program is intended to repair, replace, and extend system components to increase the likelihood of providing fire-fighting water following a major earthquake and during multiple-alarm fires from other causes.

Program Status:

AWSS Planning Support Services – AECOM/AGS JV continued work on the Planning Support Services project. Work primarily included collection of system information, assessment of existing conditions, and creation of system models. The consultant and city staff met with the Steering Committee on March 5 and the Technical Oversight Committee on March 9 and 14. The consultant's draft project report is due by November 2012.

Physical Plants – Work continued on the conceptual engineering report for Pumping Station 2. Design work began for Ashbury Tank and continued for Jones Street Tank, Pumping Station 1, and Twin Peaks Reservoir. The results of the Ashbury Tank, Jones Street Tank, Pumping Station 1, and Twin Peaks Reservoir conceptual engineering reports were reviewed by the program's Technical Oversight and Steering Committees.

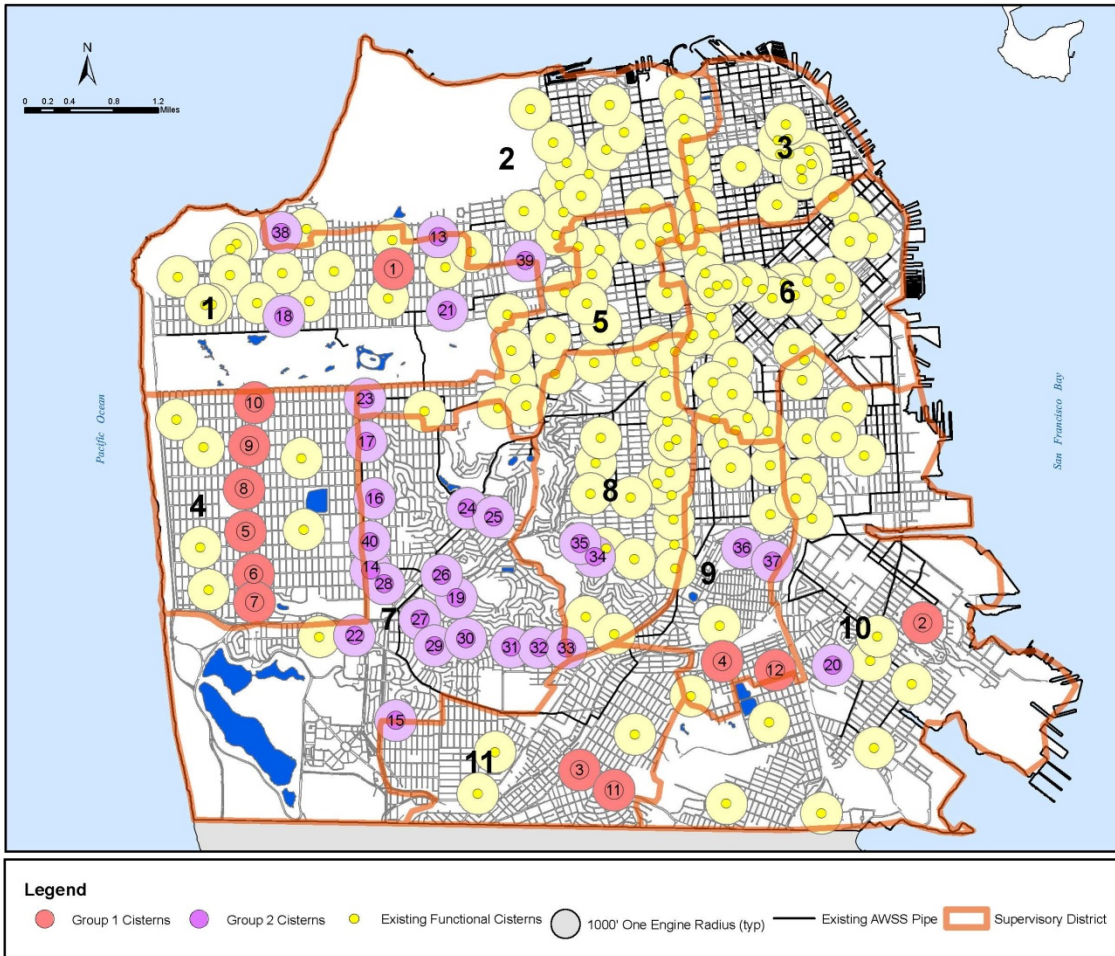
Cisterns – Design work began for candidate locations for new cisterns and repair of existing cisterns. Dewatering, cleaning, engineering investigation, professional imaging, and re-filling were completed for 6 of the 19 repair candidates.

Project Schedule: Refer to pages 29 thru 31 for schedule details.

Project Budget Status: Expenditures increased by \$269,714 from \$1,650,746 to \$1,920,460.

Refer to pages 32 thru 34 for budget and expenditure details.

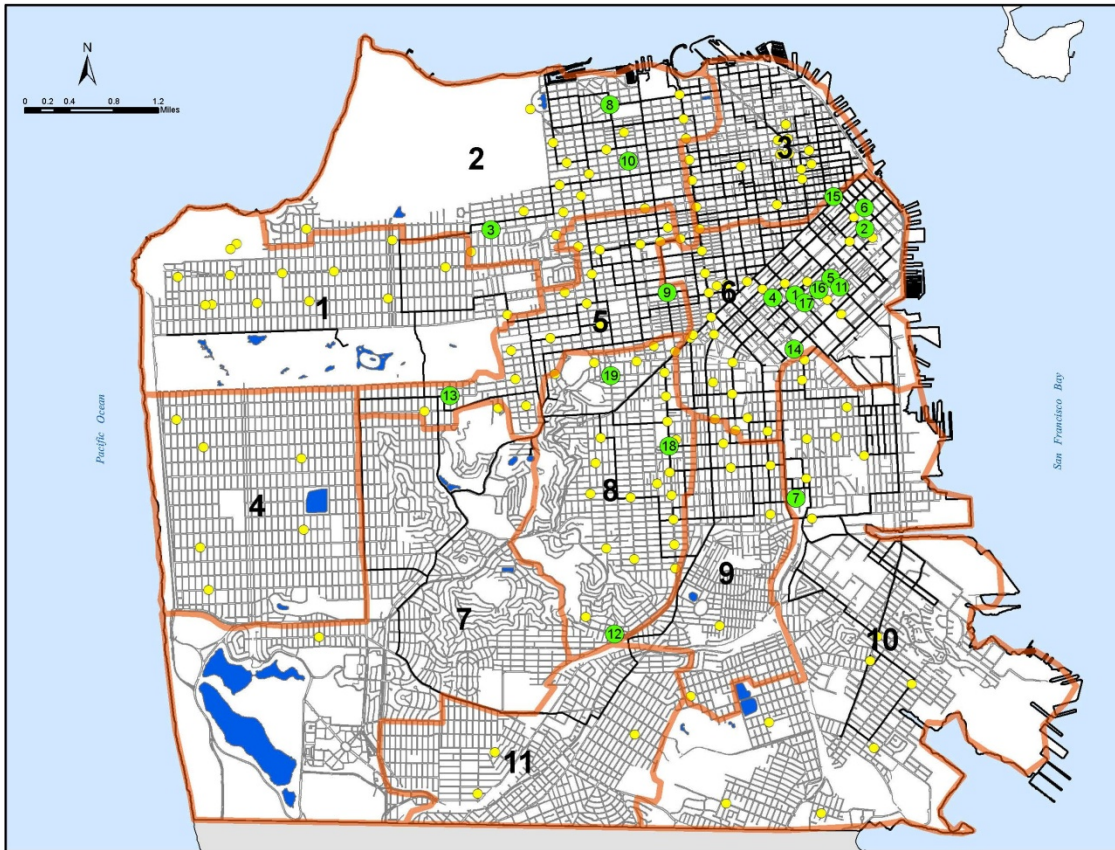
2010 ESER Bond New Cistern Candidates



| Group 1 Cisterns | | Group 2 Cisterns | | | |
|------------------|--------------------------|------------------|--------------------------------------|------|--------------------------------------|
| ID # | Location | ID # | Location | ID # | Location |
| 1 | Funston Ave, Geary Blvd | 13 | 6th Ave, California St | 25 | Laguna Honda Hosp-Rear Lot-Main Bldg |
| 2 | Cashmere St, Hudson Ave | 14 | 18th Ave, Ulloa St | 26 | Dorchester Way, Ulloa St |
| 3 | Geneva Ave, Paris St | 15 | Byxbee St, Holloway Ave | 27 | Santa Clara Ave, St. Francis Blvd |
| 4 | Sweeny St, Princeton St | 16 | 17th St, Pacheco St | 28 | 16th Ave, Vicente St |
| 5 | 37th Ave, Rivera St | 17 | 18th Ave, Lawton St | 29 | Monterey Blvd, Westgate Dr |
| 6 | 36th Ave, Ulloa St | 18 | 30th Ave, Cabrillo St | 30 | Yerba Buena Ave, St. Elmo Way |
| 7 | 36th Ave, Wawona St | 19 | Lansdale Ave, Casitas Ave | 31 | Monterey Blvd, Genessee St |
| 8 | 37th Ave, Ortega St | 20 | Williams Ave, Venus St | 32 | Monterey Blvd, Edna St |
| 9 | 36th Ave, Lawton St | 21 | 5th Ave, Cabrillo St | 33 | Monterey Blvd, Congo St |
| 10 | 35th Ave, Irving St | 22 | 21st Ave, Ocean Ave | 34 | Diamond Heights Blvd, Gold Mine Dr |
| 11 | Geneva Ave, Moscow St | 23 | 18th Ave, Irving St | 35 | Diamond Heights Blvd, Duncan St |
| 12 | Felton St, Goettingen St | 24 | Laguna Honda Hosp-Clarendon Hall Lot | 36 | Folsom St, Stoneman St |
| | | | | 37 | Esmeralda Ave, Franconia St |
| | | | | 38 | 30th Ave, Lake St |
| | | | | 39 | Geary Blvd, Collins St |
| | | | | 40 | 18th Ave, Santiago St |



2010 ESER Bond Cistern Repair Candidates



Legend

- Repair Candidates
- Existing Functional Cisterns
- Existing AWSS Pipe
- Supervisory District

| Repair Cistern Locations | |
|--------------------------|----------------------------------|
| ID # | Location |
| 1 | 6th St, Folsom St |
| 2 | 1st St, Folsom St |
| 3 | California Ave, Commonwealth Ave |
| 4 | 7th St, Howard St |
| 5 | Harrison Street, 4th St |
| 6 | Beale St, Howard St |
| 7 | San Bruno Ave, 25th St |
| 8 | Bay St, Fillmore St |
| 9 | Fulton St, Laguna St |
| 10 | Webster St, Vallejo |
| 11 | Bryant St, 4th St |
| 12 | Bosworth St, Diamond St |
| 13 | 5th Ave, Irving St |
| 14 | 8th St, Brannan St |
| 15 | Battery St, Bush St |
| 16 | 5th St, Harrison St |
| 17 | 6th St, Harrison St |
| 18 | Dolores St, 20th St |
| 19 | 14th St, Castro St |



Auxiliary Water Supply System

| Activity ID | Activity Name | At Completion Duration | Current Forecast Start | Current Forecast Finish | 2011 | | 2012 | | | | 2013 | | | | 2014 | | | | 2015 | | | | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | |
|---|-------------------------|------------------------|------------------------|-------------------------|------------------|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|--|--|
| | | | | | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | | |
| WTRL Water Local | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AWSS Auxiliary Water Supply System | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PhyPlan Physical Plants | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW01 Jones Street Tank | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A9970 | Project Start | 0d | 1-Apr-11 A | | ◆ Project Start | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A9980 | Project Finish | 0d | | 1-Jul-15 | ◆ Project Finish | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW01.PM | Project Management | 1064d | 1-Apr-11 A | 1-Jul-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW01.PL | Planning | 122d | 1-Aug-11 A | 27-Jan-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW01.ER | Environmental | 270d | 1-Apr-11 A | 27-Apr-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW01.DS | Design | 268d | 30-Jan-12 | 25-Feb-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW01.BA | Bid & Award | 129d | 26-Feb-13 | 27-Aug-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW01.CM | Construction Management | 332d | 28-Aug-13 | 29-Dec-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW01.CN | Construction | 332d | 28-Aug-13 | 29-Dec-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW01.CL1 | Closeout | 128d | 30-Dec-14 | 1-Jul-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW02 Ashbury Heights Tank | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A13740 | Project Start | 0d | 1-Apr-11 A | | ◆ Project Start | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A13750 | Project Finish | 0d | | 28-Oct-15 | ◆ Project Finish | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW02.PM | Project Management | 1146d | 1-Apr-11 A | 28-Oct-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW02.PL | Planning | 149d | 25-Jul-11 A | 29-Feb-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW02.ER | Environmental | 291d | 1-Apr-11 A | 30-May-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW02.DS | Design | 248d | 29-Feb-12 | 25-Feb-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW02.BA | Bid & Award | 129d | 26-Feb-13 | 27-Aug-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW02.CM | Construction Management | 321d | 15-Jan-14 | 27-Apr-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW02.CN | Construction | 321d | 15-Jan-14 | 27-Apr-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW02.CL1 | Closeout | 128d | 28-Apr-15 | 28-Oct-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW03 Twin Peaks Reservoir | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A9980 | Project Start | 0d | 1-Apr-11 A | | ◆ Project Start | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A9970 | Project Finish | 0d | | 1-Jul-15 | ◆ Project Finish | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW03.PM | Project Management | 1064d | 1-Apr-11 A | 1-Jul-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW03.PL | Planning | 165d | 1-Jun-11 A | 30-Jan-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW03.ER | Environmental | 270d | 1-Apr-11 A | 30-Apr-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW03.DS | Design | 268d | 30-Jan-12 | 25-Feb-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW03.BA | Bid & Award | 128d | 26-Feb-13 | 27-Aug-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW03.CM | Construction Management | 333d | 27-Aug-13 | 29-Dec-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW03.CN | Construction | 333d | 27-Aug-13 | 29-Dec-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW03.CL1 | Closeout | 128d | 30-Dec-14 | 1-Jul-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW05 Pump Station # 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A9980 | Project Start | 0d | 1-Apr-11 A | | ◆ Project Start | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A9990 | Project Finish | 0d | | 20-Apr-15 | ◆ Project Finish | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW05.PM | Project Management | 1013d | 1-Apr-11 A | 20-Apr-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW05.PL | Planning | 129d | 25-Jul-11 A | 31-Jan-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW05.ER | Environmental | 270d | 1-Apr-11 A | 30-Apr-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW05.DS | Design | 268d | 31-Jan-12 | 25-Feb-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW05.BA | Bid & Award | 128d | 26-Feb-13 | 27-Aug-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW05.CM | Construction Management | 281d | 28-Aug-13 | 14-Oct-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW05.CN | Construction | 281d | 28-Aug-13 | 14-Oct-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW05.CL1 | Closeout | 127d | 15-Oct-14 | 20-Apr-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW04 Pump Station # 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A10090 | Project Start | 0d | 1-Apr-11 A | | ◆ Project Start | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A10100 | Project Finish | 0d | | 26-Sep-16 | ◆ Project Finish | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW04.PM | Project Management | 1374d | 1-Apr-11 A | 26-Sep-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW04.PL | Planning | 296d | 25-Jul-11 A | 26-Sep-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW04.ER | Environmental | 705d | 1-Apr-11 A | 28-Jan-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

- Remaining Level of Effort ◆ ◆ Milestone
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ ◆ Baseline Milestone

SFPUC Infrastructure
Program Controls Bureau

Auxiliary Water Supply System

| Activity ID | Activity Name | At Completion Duration | Current Forecast Start | Current Forecast Finish | 2011 | | | | 2012 | | | | 2013 | | | | 2014 | | | | 2015 | | | | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | |
|--|---------------------------|------------------------|------------------------|-------------------------|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|--|--|--|
| | | | | | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | | | | |
| CUWAWSAW04.DS | Design | 354d | 26-Sep-12 | 28-Feb-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW04.BA | Bid & Award | 125d | 1-May-14 | 28-Oct-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW04.CM | Construction Management | 349d | 29-Oct-14 | 24-Mar-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW04.CN | Construction | 349d | 29-Oct-14 | 24-Mar-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW04.CL1 | Closeout | 129d | 25-Mar-16 | 26-Sep-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pipe Pipelines | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW10 Pipes, Cisterns, & Tunnels Study | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A9860 | Project Start | 0d | 1-Apr-11 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A9870 | Project Finish | 0d | | 27-Nov-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW10.PM | Project Management | 667d | 1-Apr-11 A | 27-Nov-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW10.PL | Planning | 606d | 2-May-11 A | 30-Sep-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW11 Pipes/ Tunnels Construction # 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A14330 | Project Start | 0d | 1-Apr-11 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A14340 | Project Finish | 0d | | 15-Sep-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW11.PM | Project Management | 1617d | 1-Apr-11 A | 15-Sep-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW11.PL | Planning | 351d | 3-Oct-11 A | 1-Mar-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW11.ER | Environmental | 499d | 4-Mar-13 | 2-Mar-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW11.RW | Right of Way | 499d | 4-Mar-13 | 2-Mar-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW11.DS | Design | 781d | 22-Aug-11 A | 3-Oct-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW11.BA | Bid & Award | 127d | 3-Mar-15 | 28-Aug-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW11.CM | Construction Management | 384d | 31-Aug-15 | 16-Mar-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW11.CN | Construction | 1371d | 19-Sep-11 A | 16-Mar-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW11.CL1 | Closeout | 128d | 17-Mar-17 | 15-Sep-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW12 Pipes/ Tunnels Construction # 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A9920 | Project Start | 0d | 4-Mar-13* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A9930 | Project Finish | 0d | | 6-Apr-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW12.PM | Project Management | 1275d | 4-Mar-13 | 6-Apr-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW12.PL | Planning | 0d | 4-Mar-13 | 4-Mar-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW12.ER | Environmental | 499d | 4-Mar-13 | 2-Mar-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW12.RW | Right of Way | 499d | 4-Mar-13 | 2-Mar-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW12.DS | Design | 396d | 28-Aug-13 | 1-Apr-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW12.BA | Bid & Award | 127d | 31-Aug-15 | 7-Mar-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW12.CM | Construction Management | 394d | 8-Mar-16 | 28-Sep-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW12.CN | Construction | 394d | 8-Mar-16 | 28-Sep-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW12.CL1 | Closeout | 128d | 29-Sep-17 | 6-Apr-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW13 Pipes/ Tunnels Construction # 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A9920 | Project Start | 0d | 4-Mar-13* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A9930 | Project Finish | 0d | | 26-Sep-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW13.PM | Project Management | 1395d | 4-Mar-13 | 26-Sep-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW13.PL | Planning | 0d | 4-Mar-13 | 4-Mar-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW13.ER | Environmental | 499d | 4-Mar-13 | 2-Mar-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW13.RW | Right of Way | 499d | 4-Mar-13 | 2-Mar-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW13.DS | Design | 418d | 3-Feb-14 | 30-Sep-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW13.BA | Bid & Award | 124d | 9-Mar-16 | 31-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW13.CM | Construction Management | 389d | 1-Sep-16 | 27-Mar-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW13.CN | Construction | 389d | 1-Sep-16 | 27-Mar-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW13.CL1 | Closeout | 128d | 28-Mar-18 | 26-Sep-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CIS Cistern | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW06 | Cisterns Construction # 1 | 811d | 1-Apr-11 A | 26-Jun-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

- █ Remaining Level of Effort ◆ ◆ Milestone
- █ Actual Level of Effort
- █ Actual Work
- █ Remaining Work
- █ Critical Remaining Work
- ◆ ◆ Baseline Milestone

**SFPUC Infrastructure
Program Controls Bureau**

Auxiliary Water Supply System

| Activity ID | Activity Name | At Completion Duration | Current Forecast Start | Current Forecast Finish | 2011 | | | | 2012 | | | | 2013 | | | | 2014 | | | | 2015 | | | | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | |
|---|-------------------------------|------------------------|------------------------|-------------------------|---------------------------------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|
| | | | | | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 |
| A9920 | Project Start | 0d | 1-Apr-11 A | | ◆ Project Start | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A9930 | Project Finish | 0d | | 26-Jun-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW06.PM | Project Management | 811d | 1-Apr-11 A | 26-Jun-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW06.PL | Planning | 139d | 8-Jul-11 A | 30-Jan-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW06.ER | Environmental | 107d | 30-Jan-12 | 28-Jun-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW06.RW | Right of Way | 107d | 30-Jan-12 | 28-Jun-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW06.DS | Design | 107d | 30-Jan-12 | 28-Jun-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW06.BA | Bid & Award | 126d | 29-Jun-12 | 2-Jan-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW06.CM | Construction Management | 244d | 3-Jan-13 | 23-Dec-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW06.CN | Construction | 244d | 3-Jan-13 | 23-Dec-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW06.CL1 | Closeout | 128d | 24-Dec-13 | 26-Jun-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW07 Cisterns Construction # 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A9930 | Project Start | 0d | 30-Jan-12* | | ◆ Project Start | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A9940 | Project Finish | 0d | | 23-Feb-15 | ◆ Project Finish | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW07.PM | Project Management | 767d | 30-Jan-12 | 23-Feb-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW07.PL | Planning | 0d | 30-Jan-12 | 30-Jan-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW07.ER | Environmental | 190d | 30-Jan-12 | 26-Oct-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW07.RW | Right of Way | 190d | 30-Jan-12 | 26-Oct-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW07.DS | Design | 190d | 30-Jan-12 | 26-Oct-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW07.BA | Bid & Award | 121d | 29-Oct-12 | 24-Apr-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW07.CM | Construction Management | 328d | 25-Apr-13 | 14-Aug-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW07.CN | Construction | 328d | 25-Apr-13 | 14-Aug-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW07.CL1 | Closeout | 128d | 15-Aug-14 | 23-Feb-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW08 Cisterns Construction # 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A9910 | Project Start | 0d | 2-Apr-12* | | ◆ Project Start | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A9920 | Project Finish | 0d | | 12-Aug-16 | ◆ Project Finish | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW08.PM | Project Management | 1094d | 2-Apr-12 | 12-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW08.PL | Planning | 0d | 2-Apr-12 | 2-Apr-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW08.ER | Environmental | 512d | 2-Apr-12 | 17-Apr-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW08.RW | Right of Way | 512d | 2-Apr-12 | 17-Apr-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW08.DS | Design | 270d | 26-Sep-12 | 24-Oct-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW08.BA | Bid & Award | 125d | 18-Apr-14 | 15-Oct-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW08.CM | Construction Management | 329d | 16-Oct-14 | 11-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW08.CN | Construction | 329d | 16-Oct-14 | 11-Feb-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW08.CL1 | Closeout | 128d | 12-Feb-16 | 12-Aug-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW09 Cisterns Construction # 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A9910 | Project Start | 0d | 3-Apr-12* | | ◆ Project Start | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A9920 | Project Finish | 0d | | 19-Apr-17 | ◆ Project Finish | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW09.PM | Project Management | 1262d | 3-Apr-12 | 19-Apr-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW09.PL | Planning | 0d | 3-Apr-12 | 3-Apr-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW09.ER | Environmental | 511d | 3-Apr-12 | 17-Apr-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW09.RW | Right of Way | 511d | 3-Apr-12 | 17-Apr-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW09.DS | Design | 268d | 25-Mar-13 | 17-Apr-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW09.BA | Bid & Award | 121d | 16-Oct-14 | 13-Apr-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW09.CM | Construction Management | 377d | 14-Apr-15 | 12-Oct-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW09.CN | Construction | 377d | 14-Apr-15 | 12-Oct-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUWAWSAW09.CL1 | Closeout | 128d | 13-Oct-16 | 19-Apr-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUW-MileSton AWSS Program Milestones | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A9780 | Provide Bond Language | 0d | | 1-Feb-13* | ◆ Provide Bond Language | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A9790 | ESER # 2 Bond Issue Elections | 0d | | 5-Nov-13* | ◆ ESER # 2 Bond Issue Elections | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

- Remaining Level of Effort ◆ ◆ Milestone
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ ◆ Baseline Milestone

SFPUC Infrastructure
Program Controls Bureau

| Job Order Number & Title | Total Project Budget | Appropriation | | | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures | Percentage of Expenditures |
|---|----------------------|--------------------|-------------|--------------------|--------------------|------------------|------------------------|--------------------|--------------------|----------------------------|----------------------------|
| | | Previous | Change +/- | Current | Previous | Current | Total | | | | |
| | | | | | | 03/01-03/31/12 | | | | | |
| Auxiliary Water Supply System (AWSS) | | | | | | | | | | | |
| 1390J AWSS Planning & Development | \$1,316,963 | \$1,316,963 | \$0 | \$1,316,963 | \$1,316,963 | \$0 | \$1,316,963 | \$0 | \$0 | 100% | 1% |
| CUW AWS AW | | | | | | | | | | | 0% |
| Jones Street Tank | \$6,413,878 | \$493,362 | \$0 | \$493,362 | \$213,304 | \$41,051 | \$254,355 | \$0 | \$239,007 | 0% | 0% |
| Ashbury Heights Tank | \$5,821,830 | \$264,099 | \$10,000 | \$274,099 | \$118,647 | \$63,605 | \$182,252 | \$0 | \$91,847 | 66% | 0% |
| Twin Peaks Reservoir | \$4,243,028 | \$245,575 | \$310,300 | \$555,875 | \$211,742 | \$24,087 | \$235,829 | \$0 | \$320,046 | 0% | 0% |
| Pump Station No. 2 | \$14,011,862 | \$2,130,617 | (\$814,600) | \$1,316,017 | \$181,522 | \$42,046 | \$223,568 | \$0 | \$1,092,449 | 17% | 0% |
| Pump Station No. 1 | \$3,453,629 | \$190,000 | \$302,500 | \$492,500 | \$150,220 | \$14,024 | \$164,244 | \$0 | \$328,256 | 0% | 0% |
| Cisterns Contract | \$35,523,033 | \$546,312 | \$0 | \$546,312 | \$104,756 | \$61,880 | \$166,636 | \$0 | \$379,676 | 31% | 0% |
| Pipes and Tunnels | \$31,615,777 | \$3,010,000 | (\$10,000) | \$3,000,000 | \$471,552 | \$20,210 | \$491,762 | \$1,115,428 | \$1,392,810 | 16% | 0% |
| Pipe/Tunnel #1 | | \$200,000 | \$201,800 | \$401,800 | \$199,003 | \$2,811 | \$201,814 | | \$199,986 | 50% | 0% |
| Sub-Total | \$102,400,000 | \$8,396,928 | \$0 | \$8,396,928 | \$2,967,709 | \$269,714 | \$3,237,423 (1) | \$1,115,428 | \$4,044,077 | 39% | 3% |

Auxiliary Water Supply System
Job Order 1390J Programming & Development
Summary of City/DPW Labor Charges

| Scope | Appropriation | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures |
|-----------------------------------|------------------|------------------|---------------------------|------------------|-------------|------------|----------------------------|
| | | Previous | Current 03/01-03/31/12 | Total | | | |
| Bureau of Architecture | \$315,822 | \$315,822 | | \$315,822 | \$0 | \$0 | 100% |
| Bureau of Engineering | \$161,098 | \$161,098 | | \$161,098 | \$0 | \$0 | 100% |
| Bureau of Construction Management | \$19,004 | \$19,004 | | \$19,004 | \$0 | \$0 | 100% |
| Total City Labor Costs | \$495,924 | \$495,924 | \$0 | \$495,924 | \$0 | \$0 | 100% |

Summary of Consultant & other City Services and Agencies

| Scope | Appropriation | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures |
|---|------------------|------------------|---------------------------|------------------|-------------|------------|----------------------------|
| | | Previous | Current 03/01-03/31/12 | Total | | | |
| City Planning | \$180,547 | \$180,547 | \$0 | \$180,547 | \$0 | \$0 | 100% |
| Metcalf & Eddy - Engineering Assessment | \$351,431 | \$351,431 | \$0 | \$351,431 | \$0 | \$0 | 100% |
| AGS - Geotechnical Engineering | \$5,472 | \$5,472 | \$0 | \$5,472 | \$0 | \$0 | 100% |
| CM West - Cost Estimating | \$90,068 | \$90,068 | \$0 | \$90,068 | \$0 | \$0 | 100% |
| CM West - Cost Estimating | (\$42,541) | (\$42,541) | \$0 | (\$42,541) | \$0 | \$0 | 100% |
| Elite Reproduction | \$1,491 | \$1,491 | \$0 | \$1,491 | \$0 | \$0 | 100% |
| SOHA Engineers - Structural Engineering | \$170,644 | \$170,644 | \$0 | \$170,644 | \$0 | \$0 | 100% |
| SOHA Engineers - Structural Engineering | (\$126,644) | (\$126,644) | \$0 | (\$126,644) | \$0 | \$0 | 100% |
| Tetra Tech, Inc. - Environmental | \$190,219 | \$190,219 | \$0 | \$190,219 | \$0 | \$0 | 100% |
| Advertising | \$352 | \$352 | \$0 | \$352 | \$0 | \$0 | 100% |
| Total Consultant Costs | \$821,039 | \$821,039 | \$0 | \$821,039 | \$0 | \$0 | 100% |

| | | | | | | | |
|--|--------------------|--------------------|------------|--------------------|------------|------------|-------------|
| Auxiliary Water Supply System Total | \$1,316,963 | \$1,316,963 | \$0 | \$1,316,963 | \$0 | \$0 | 100% |
|--|--------------------|--------------------|------------|--------------------|------------|------------|-------------|

*the negative amounts are the share cost of the neighborhood fire stations.

Auxiliary Water Supply System
Project Structure CUW AWS AW

| Scope | Appropriation | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures |
|-------------------------------|--------------------|--------------------|------------------|--------------------|--------------------|--------------------|----------------------------|
| | | Previous | Current | Total | | | |
| | | | 03/01-03/31/12 | | | | |
| Jones Street Tank | \$493,362 | \$213,304 | \$41,051 | \$254,355 | \$13,544 | \$225,463 | 52% |
| Ashbury Heights Tank | \$274,099 | \$118,647 | \$63,605 | \$182,252 | \$30,458 | \$61,389 | 66% |
| Twin Peaks Reservoir | \$555,875 | \$211,742 | \$24,087 | \$235,829 | \$26,233 | \$293,813 | 42% |
| Pump Station No. 2 | \$1,316,017 | \$181,522 | \$42,046 | \$223,568 | \$91,586 | \$1,000,863 | 17% |
| Pump Station No. 1 | \$492,500 | \$150,220 | \$14,024 | \$164,244 | \$9,989 | \$318,267 | 33% |
| Cisterns Contract | \$546,312 | \$104,756 | \$61,880 | \$166,636 | \$187 | \$379,489 | 31% |
| Pipes and Tunnels | \$3,000,000 | \$471,552 | \$20,210 | \$491,762 | \$943,431 | \$1,564,807 | 16% |
| Pipe Tunnel #1 | \$401,800 | \$199,003 | \$2,811 | \$201,814 | | \$199,986 | 50% |
| Total Consultant Costs | \$7,079,965 | \$1,650,746 | \$269,714 | \$1,920,460 | \$1,115,428 | \$4,044,077 | 27% |

City and County of San Francisco Office of the Controller

Public Oversight and Financial Accountability Reviews and Cost of Issuance

Status: The Department of Public Works (DPW) has prepared four quarterly reports thus far and has presented in front of the City's Citizen General Obligation Bond Oversight Committee (CGOBOC) twice. A program web-site has been developed and these reports will be posted under program status. DPW is scheduled to present to the Committee on November 17.

Budget: Included in the \$412,300,000 ESER Bond Program is a \$6,900,000 budget for the public oversight and financial accountability reviews as well as the bond cost of issuance (COI). The budget is comprised as follows:

| | |
|--------------------------------------|--------------------|
| Public Safety Building | \$4,000,000 |
| Neighborhood Fire Stations | \$1,100,000 |
| Auxiliary Water Supply System (AWSS) | \$1,800,000 |
| Sub-Total | \$6,900,000 |

The appropriation increased by \$1,635,114 from \$899,390 to \$2,534,504. The expenditures increased by \$122,633 from \$430,346 to \$552,979.

For a detailed budget and expenditures, refer to page 39.

| Job Order Number & Title | Total Project Budget | Appropriation | | | Expenditures | | | Encumbrance | Balance | Percentage of Expenditures | Percentage of Expenditures |
|---|----------------------|------------------|--------------------|--------------------|------------------|------------------|------------------|-------------|--------------------|----------------------------|----------------------------|
| | | Previous | Change +/- | Current | Previous | Current | Total | | | | |
| | | | | | | 03/01-03/31/12 | | | | | |
| General Obligation Bond (GOB) Oversight/Accountability and Cost of Issuance and Associated Costs | | | | | | | | | | | |
| Controller's Audit Fund (081C4) | \$810,800 | \$157,241 | \$363,390 | \$520,631 | \$0 | | \$0 | \$0 | \$520,631 | 0% | 0% |
| Citizens GOB Oversight Committee | \$405,400 | \$79,520 | \$183,330 | \$262,850 | \$0 | | \$0 | \$0 | \$262,850 | 0% | 0% |
| Cost of Issuance (06C00+07311) | \$5,683,800 | \$450,676 | \$404,573 | \$855,249 | \$430,346 | \$122,633 | \$552,979 | \$0 | \$302,270 | 44% | 13% |
| Underwriter's Discount | | \$211,953 | \$683,821 | \$895,774 | \$211,953 | | \$211,953 (2a) | | | | |
| Sub-Total | \$6,900,000 | \$899,390 | \$1,635,114 | \$2,534,504 | \$642,299 | \$122,633 | \$764,932 | \$0 | \$1,769,572 | 30% | 11% |

FUNDING

In December 2010, the City competitively sold \$79,520,000 aggregate principal amount of general obligation bonds (Earthquake Safety and Emergency Response Bonds, 2010) (the "Bonds") to finance the construction, acquisition and improvements of facilities and infrastructure relating to Earthquake Safety and Emergency Response Program.

The proceeds of the second bond sale posted in mid March. The breakdown of the proceeds will be allocated as follows:

| Component | Budget | First | Second | Total | Future |
|--|--------------------|-------------------|--------------------|--------------------|--------------------|
| Public Safety Building | 239,000,000 | 66,596,285 | 160,620,973 | 227,217,258 | 11,782,743 |
| Neighborhood Fire Stations | 64,000,000 | 3,627,397 | 21,073,913 | 24,701,310 | 39,298,690 |
| Auxiliary Water Supply System | 102,400,000 | 8,396,928 | 0 | 8,396,928 | 94,003,072 |
| Oversight, Accountability and Cost of Issuance | 6,900,000 | 899,390 | 1,635,114 | 2,649,504 | 4,250,496 |
| Total | 412,300,000 | 79,520,000 | 183,330,000 | 262,965,000 | 149,335,000 |

The oversight, Accountability and Cost of Issuance proceeds need to be verified by the Controller's Office and the Office of Public Finance.

ATTACHMENT 1 – CONTACT INFORMATION

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Project Management Bureau
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