

File No. 140781

Committee Item No. 5

Board Item No. \_\_\_\_\_

# COMMITTEE/BOARD OF SUPERVISORS

## AGENDA PACKET CONTENTS LIST

Committee: Budget & Finance Sub-Committee

Date July 23, 2014

Board of Supervisors Meeting

Date \_\_\_\_\_

### Cmte Board

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| <input type="checkbox"/>            | <input type="checkbox"/> | Motion                                       |
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| <input type="checkbox"/>            | <input type="checkbox"/> | Ordinance                                    |
| <input type="checkbox"/>            | <input type="checkbox"/> | Legislative Digest                           |
| <input type="checkbox"/>            | <input type="checkbox"/> | Budget and Legislative Analyst Report        |
| <input type="checkbox"/>            | <input type="checkbox"/> | Youth Commission Report                      |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Introduction Form                            |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Department/Agency Cover Letter and/or Report |
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| <input type="checkbox"/>            | <input type="checkbox"/> | Grant Information Form                       |
| <input type="checkbox"/>            | <input type="checkbox"/> | Grant Budget                                 |
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| <input type="checkbox"/>            | <input type="checkbox"/> | Contract/Agreement                           |
| <input type="checkbox"/>            | <input type="checkbox"/> | Form 126 – Ethics Commission                 |
| <input type="checkbox"/>            | <input type="checkbox"/> | Award Letter                                 |
| <input type="checkbox"/>            | <input type="checkbox"/> | Application                                  |
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### OTHER (Use back side if additional space is needed)

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| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <u>Executive Directive 14-01</u> |
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Completed by: Linda Wong Date July 18, 2014

Completed by: Linda Wong Date \_\_\_\_\_

1 [Emergency Contracts - Repairing Lower Cherry Aqueduct and Upgrading Sunol Valley Water  
2 Facilities Related to Drought Declaration - Not to Exceed \$29,000,000]

3 **Resolution approving emergency public work contracts of the San Francisco Public**  
4 **Utilities Commission (SFPUC) related to drought declaration under San Francisco**  
5 **Administrative Code, Section 6.60, to perform immediate work to repair Lower Cherry**  
6 **Aqueduct, Sunol Valley Water Treatment Plant, San Antonio Pump Station, and related**  
7 **infrastructure with contract amounts not to exceed \$29,000,000 collectively.**

8  
9 WHEREAS, California continues to experience one of the most extreme droughts since  
10 hydrologic recordkeeping began; and

11 WHEREAS, As of April 27, 2014, precipitation in the Hetch Hetchy watershed was at  
12 57% of normal levels and snowpack was at 25% of normal levels; and

13 WHEREAS, On February 10, 2014, Mayor Ed Lee issued an Executive Directive to all  
14 city departments outlining actions to be taken to reduce water use, and directing the San  
15 Francisco Public Utilities Commission (SFPUC) to develop alternative sources of water  
16 supplies for both potable and non-potable uses; and

17 WHEREAS, On March 11, 2014, the San Francisco Board of Supervisors adopted  
18 Resolution 82-14, supporting emergency drought relief and the restoration of Lower Cherry  
19 Aqueduct to augment water supplies during the statewide drought; and

20 WHEREAS, Immediate SFPUC drought mitigation actions include the rehabilitation of  
21 the Lower Cherry Aqueduct, to repair aging infrastructure and damages incurred during the  
22 recent Rim Fire; and

23 WHEREAS, This project will enable the SFPUC to access up to 200,000 acre-feet of  
24 water storage in Cherry Lake by December 15, 2014; and

1           WHEREAS, The principal purpose of the Lower Cherry Aqueduct system is to convey a  
2 water supply from Cherry Creek that can supplement the primary Hetch Hetchy Reservoir  
3 supply during a drought year, but due to its age and the damage caused by the Rim Fire, the  
4 Lower Cherry Aqueduct system is currently unable to reliably convey this supplemental water  
5 supply; and

6           WHEREAS, There are three (3) facilities that are part of the Sunol Valley Water  
7 Treatment Plant Emergency Drought Reliability Improvements (SEDRI): San Antonio Pump  
8 Station (SAPS), Sunol Valley Chloramination Facility (SVCF), and the Sunol Valley Water  
9 Treatment Plant (SWWTP); and

10          WHEREAS, The SAPS has three (3) sets of pumps with the primary purpose of  
11 transferring water from the Alameda Siphon Pipelines or San Antonio Reservoir to SWWTP for  
12 treatment; and

13          WHEREAS, The SVCF, neighbors the SAPS, and treats the water blended in the  
14 Alameda Siphon Pipelines from the SWWTP and Hetch Hetchy; this facility also manages  
15 remote treatment facilities using supervisory control and data acquisition (SCADA)  
16 technology; and

17          WHEREAS, The SWWTP is a 160 million gallons per day capacity conventional filter  
18 plant that treats water from San Antonio and Calaveras Reservoirs, as well as Hetch Hetchy  
19 water transferred from the Alameda Siphons; and

20          WHEREAS, Repairs to the Sunol Valley Water Treatment Plant are required to improve  
21 several components of the plant to ensure treatment and safety reliability and allow the  
22 SFPUC to treat the water supply from the Lower Cherry Aqueduct system; and

23          WHEREAS, The work will consist of a new flocculant chemical system and building,  
24 chemical feed line replacement, replace lighting under the sedimentation basins, replace air  
25 scour piping, valve replacement, and repair sludge lagoon decant system defect; and

1           WHEREAS, The communications link between the Sunol Valley Chloramination Facility  
2 and Sunol Valley Water Treatment Plan will be improved for greater reliability and there are  
3 electrical upgrades to improve SAPS reliability; and

4           WHEREAS, If the above mentioned work to extend SFPUC water supplies is not  
5 immediately undertaken and facilities expeditiously brought into or returned to service, the  
6 sustainability of San Francisco's water supply would be placed at significant risk which would  
7 endanger the public's health and welfare; and

8           WHEREAS, San Francisco Administrative Code, Chapter 6, Article IV, Section 6.60,  
9 authorizes department heads responsible for public work to award an emergency contract,  
10 exempt from the competitive bidding process, in the event of an actual emergency which is  
11 defined to include, "...The breakdown or imminent breakdown of any plant, equipment,  
12 structure, street or public work necessitating immediate emergency repair or reconditioning to  
13 safeguard the lives or property of the citizens, or the property of the City and County, or to  
14 maintain the public health and welfare..."; and

15           WHEREAS, On February 21, 2014, the SFPUC General Manager declared an  
16 emergency, approved by the President of the San Francisco Public Utilities Commission, to  
17 take immediate action to extend SFPUC water supplies and thereby protect public health and  
18 safety; and

19           WHEREAS, On April 29, 2014, the SFPUC General Manager updated the original  
20 emergency declaration, approved by the President of the San Francisco Public Utilities  
21 Commission; and

22           WHEREAS, Administrative Code, Section 6.60(D) requires that the General Manager  
23 immediately notify the Controller, and seek Board of Supervisors approval of emergency  
24 public works with an estimated cost in excess of \$250,000; and

1           WHEREAS, The SFPUC General Manager estimates that the emergency rehabilitation  
2 work on the Lower Cherry Aqueduct will be approximately \$18.1 million; and

3           WHEREAS, The repairs to Sunol Valley Water Facilities to extend SFPUC water  
4 supplies will also require multiple contracts, projected to total approximately \$10.9 million;  
5 collectively, these projects will have a not-to-exceed value of \$29,000,000; and

6           WHEREAS, A resolution (File No. 140586) in response to this emergency drought  
7 declaration was introduced June 3, 2014, to approve a contract with Flatiron, West, Inc. to  
8 perform immediate repairs to Lower Cherry Aqueduct and is pending approval by the San  
9 Francisco Board of Supervisors; and

10           WHEREAS, The emergency rehabilitation work at Lower Cherry Aqueduct began April  
11 2014, and should be completed December 2014; and

12           WHEREAS, The emergency repairs at Sunol Valley Treatment Plant began July 2014,  
13 and should be completed October 2014; and

14           WHEREAS, The Controller has certified that funds are available for this emergency  
15 work; now, therefore, be it

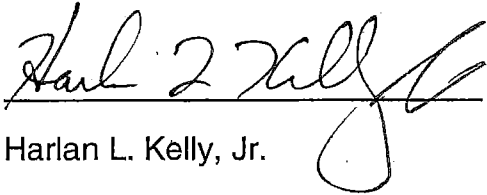
16           RESOLVED, That the Board of Supervisors approves the emergency work under  
17 Administrative Code, Section 6.60, for extending SFPUC water supplies with a contract  
18 amounts not to exceed \$29,000,000; and, be it

19           FURTHER RESOLVED, That actions taken to date by the San Francisco Public  
20 Utilities Commission to secure such emergency contracts and resolve the emergency  
21 condition are hereby ratified; and, be it

22           FURTHER RESOLVED, That within (30) days of related contracts being fully executed  
23 by all parties, the Public Utilities Commission shall provide the final contracts to the Clerk of  
24 the Board for inclusion into the official file.

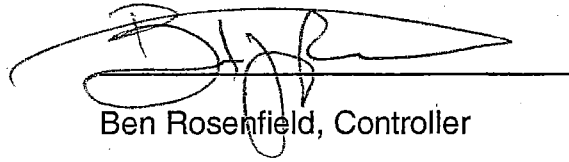
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RECOMMENDED:



Harlan L. Kelly, Jr.  
General Manager

FUNDS AVAILABLE:



Ben Rosenfield, Controller



San Francisco  
**Water Power Sewer**

Services of the San Francisco Public Utilities Commission

525 Golden Gate Avenue, 13th Floor  
San Francisco, CA 94102  
T 415.554.3155  
F 415.554.3161  
TTY 415.554.3488

**TO: Supervisor Mark Farrell**

**FROM: Radhika Fox, Director of Policy and Government Affairs**

**DATE: July 8, 2014**

**SUBJECT: Resolution approving emergency public work contracts of the San Francisco Public Utilities Commission (SFPUC) related to drought declaration under San Francisco Administrative Code, Section 6.60**

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Thank you for sponsoring this legislation.

Attached please find an original and three copies of a proposed resolution approving emergency public work contracts of the San Francisco Public Utilities Commission (SFPUC) related to drought declaration under San Francisco Administrative Code, Section 6.60, to perform immediate work to repair Lower Cherry Aqueduct, Sunol Valley Water Treatment Plant, San Antonio Pump Station and related infrastructure with contract amounts not to exceed \$29,000,000, collectively.

The following is a list of accompanying documents (3 sets):

1. Board of Supervisors Resolution signed by the General Manager and Controller
2. Board of Supervisors Resolution 82-14
3. Pending Board of Supervisors Resolution File #140586
4. General Manager's declaration of emergency for the Drought from February 21, 2014, signed by the President of the Commission
5. General Manager's update amending the original declaration of emergency for the Drought from April 29, 2014, signed by the President of the Commission

Please contact Radhika Fox at 554-1830 if you need any additional information on these items.

**Edwin M. Lee**  
Mayor

**Vince Courtney**  
President

**Ann Moller Caen**  
Vice President

**Francesca Viator**  
Commissioner

**Anson Moran**  
Commissioner

**Art Torres**  
Commissioner

**Harlan L. Kelly, Jr.**  
General Manager





# San Francisco Water Power Sewer

Services of the San Francisco Public Utilities Commission

525 Golden Gate Avenue, 13th Floor  
San Francisco, CA 94102  
T 415.554.3155  
F 415.554.3161  
TTY 415.554.3488

The Honorable Ben Rosenfield, Controller  
City and County of San Francisco  
1Dr. Carlton B. Goodlett Place, Rm. 316  
San Francisco, CA 94102

July 7, 2014

**Subject: Resolution approving an emergency public work contract of the San Francisco Public Utilities Commission (SFPUC) related to drought declaration under San Francisco Administrative Code, Section 6.60, to perform immediate work to repair Lower Cherry Aqueduct, Sunol Valley Water Treatment Plant, and related infrastructure with contract amounts not to exceed \$29,000,000, collectively.**

Dear Controller Rosenfield:

Attached please find an original copy of a resolution that requires your signature. The resolution approves an emergency public work of the Public Utilities Commission to perform immediate work to repair Lower Cherry Aqueduct, Sunol Valley Water Treatment Plant and related infrastructure in response to an emergency drought declaration, with a collective contract amounts not to exceed \$29,000,000. The resolution requires your signature to certify funds are available for this contract. Funds are available for this contract under the Hetchy Water project code CUH100.

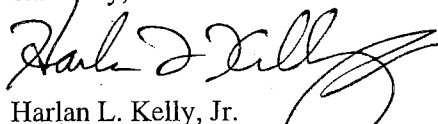
The \$29 million includes \$16 million for a contract with Flatiron, West, Inc. for emergency repair work to Lower Cherry Aqueduct. You signed a resolution verifying \$16 million in funds available for this contract on May 30, 2014, which is pending at the Board of Supervisors.

In this packet you will find:

- Copy of the BOS resolution requiring your signature; and
- A letter signed by the President of our Commission amending the Emergency Declaration.

When you have signed this resolution, please contact Ben Kowalczyk at 554-0758 or [fkowalczyk@sfgwater.org](mailto:fkowalczyk@sfgwater.org), so that it can be submitted for introduction at the Board of Supervisors.

Sincerely,

  
Harlan L. Kelly, Jr.  
General Manager, SFPUC

**Edwin M. Lee**  
Mayor

**Vince Courtney**  
President

**Ann Moller Caen**  
Vice President

**Francesca Vietor**  
Commissioner

**Anson Moran**  
Commissioner

**Art Torres**  
Commissioner

**Harlan L. Kelly, Jr.**  
General Manager

Attached: Board of Supervisors Resolution; letter amending the emergency declaration









**INTER-OFFICE MEMORANDUM**

**DATE:** April 29, 2014

**TO:** Commissioner Vince Courtney, President

**THROUGH:** Harlan L. Kelly, Jr.   
 General Manager

**FROM:** Steven R. Ritchie   
 Assistant General Manager, Water

**SUBJECT:** Update on Declaration of Emergency – 2014 Drought Conditions

On February 21, 2014, General Manager Harlan Kelly requested and Commission Vice President Ann Moller Caen approved an emergency declaration regarding the 2014 Drought Conditions and critical repairs and projects needed to extend our precious water supplies. California continues to experience one of the most extreme droughts in our history and the Hetch Hetchy system is no exception.

The emergency declaration provided authorization to enable the Water Enterprise to procure construction and professional services for projects that were identified for immediate action including the rehabilitation of the Lower Cherry Aqueduct, pump station and water treatment plant improvements in the Sunol area, and other necessary work to extend our water supplies.

The estimated costs at the time of the original emergency declaration were in excess of \$10,000,000. The San Antonio Pump Station and Sunol Valley Water Treatment Plant Emergency Improvements<sup>1</sup> have now been scoped and the Lower Cherry Aqueduct Emergency Rehabilitation Project estimate has been refined. The total cost of the combined projects is now estimated at \$29,000,000.

I am therefore updating the declaration of an emergency to reflect these changes – increasing the costs of the contracts to a total of \$29,000,000. I trust that this meets with your concurrence and approval.

CONCUR AND APPROVE:



Vince Courtney – President  
 San Francisco Public Utilities Commission

cc: Commissioners

Edwin M. Lee  
 Mayor

Vince Courtney  
 President

Ann Moller Caen  
 Vice President

Francesca Vietor  
 Commissioner

Anson Moran  
 Commissioner

Art Torres  
 Commissioner

Harlan L. Kelly, Jr.  
 General Manager

<sup>1</sup> The San Antonio and Sunol Improvements represent an acceleration of already planned capital improvements.



1 [Urging the State Legislature to Provide Drought Mitigation Funding for Critical Water Supply  
2 and Conservation Projects for San Francisco]

3 **Resolution urging the State Legislature to provide drought mitigation funding for**  
4 **critical water supply and conservation projects for the San Francisco Bay Area.**

5  
6 WHEREAS, The Hetch Hetchy Regional Water System operated by the San Francisco  
7 Public Utilities Commission (SFPUC) provides 265 million gallons of water per day to 2.6  
8 million people in Alameda, Santa Clara, San Mateo, and San Francisco counties; and

9 WHEREAS, California continues to experience one of the most extreme droughts since  
10 hydrologic recordkeeping began; and

11 WHEREAS, As of February 19, 2014, precipitation in the Hetch Hetchy watershed was  
12 at 47% of normal levels and snowpack was at 22% of normal levels; and

13 WHEREAS, On Friday, January 17th, Governor Brown issued a State Declaration of  
14 Emergency for California due to drought and severe water supply conditions; and

15 WHEREAS, On January 31, 2014, the SFPUC asked customers to voluntarily conserve  
16 water with the goal of reducing systemwide usage by 10% to stretch limited water supplies  
17 during this time of drought; and

18 WHEREAS, On February 10, 2014, Mayor Ed Lee issued an Executive Directive to all  
19 city departments outlining actions to be taken to reduce water use, and directing the SFPUC  
20 to develop alternative sources of water supplies for both potable and non-potable uses; and

21 WHEREAS, Both Federal and State lawmakers have introduced bills that would  
22 appropriate funding for drought mitigation measures including funding for local drought  
23 alleviation projects; and

24 WHEREAS, The California State Legislature is considering legislation to direct over  
25 \$640 million toward projects that would alleviate the effects of current drought conditions; and

1           WHEREAS, The SFPUC has identified three projects that can be quickly implemented  
2 and would have an immediate impact in stretching critical water supplies throughout its  
3 service area during this statewide drought, including: San Francisco Groundwater Supply  
4 Project, Lower Cherry Aqueduct Restoration Project, and Citywide Direct Install Toilet  
5 Program; now, therefore, be it

6           RESOLVED, That should the State of California appropriate funding for emergency  
7 drought relief, the State should prioritize the funding of the above identified SFPUC projects,  
8 which help strengthen immediate water reserves and promote conservation and water supply  
9 diversification for the long-term sustainability of critical water supplies for 2.6 million residents  
10 in the San Francisco Bay Area.

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City and County of San Francisco

City Hall  
1 Dr. Carlton B. Goodlett Place  
San Francisco, CA 94102-4689

Tails  
Resolution

File Number: 140196

Date Passed: March 11, 2014

Resolution urging the State Legislature to provide drought mitigation funding for critical water supply and conservation projects for the San Francisco Bay Area.

March 11, 2014 Board of Supervisors - ADOPTED

Ayes: 9 - Avalos, Breed, Campos, Chiu, Cohen, Farrell, Kim, Mar and Tang

Excused: 2 - Wiener and Yee

File No. 140196

I hereby certify that the foregoing Resolution was ADOPTED on 3/11/2014 by the Board of Supervisors of the City and County of San Francisco.

Angela Calvillo  
Clerk of the Board

\_\_\_\_\_  
Unsigned

Mayor

\_\_\_\_\_  
3/21/14

Date Approved

I hereby certify that the foregoing resolution, not being signed by the Mayor within the time limit as set forth in Section 3.103 of the Charter, or time waived pursuant to Board Rule 2.14.2, became effective without his approval in accordance with the provision of said Section 3.103 of the Charter or Board Rule 2.14.2.

Angela Calvillo  
Clerk of the Board

1 [Emergency Contract - Flatiron, West, Inc. - Repairing Lower Cherry Aqueduct - Not to  
2 Exceed \$16,000,000]

3 **Resolution approving an emergency public work contract between the Public Utilities**  
4 **Commission and Flatiron, West, Inc., under San Francisco Administrative Code,**  
5 **Section 6.6, to perform immediate work to repair Lower Cherry Aqueduct in response**  
6 **to an emergency drought declaration with a contract amount not to exceed**  
7 **\$16,000,000.**

8  
9 WHEREAS, California continues to experience one of the most extreme droughts since  
10 hydrologic recordkeeping began; and

11 WHEREAS, As of April 27, 2014, precipitation in the Hetch Hetchy watershed was at  
12 57% of normal levels and snowpack was at 25% of normal levels; and

13 WHEREAS, On February 10, 2014, Mayor Ed Lee issued an Executive Directive to all  
14 city departments outlining actions to be taken to reduce water use, and directing the San  
15 Francisco Public Utilities Commission (SFPUC) to develop alternative sources of water  
16 supplies for both potable and non-potable uses; and

17 WHEREAS, Immediate SFPUC drought mitigation actions include the rehabilitation of  
18 the Lower Cherry Aqueduct, to repair aging infrastructure and damages incurred during the  
19 recent Rim Fire; and

20 WHEREAS, This project will enable the SFPUC to access 200,000 acre-feet of water  
21 storage in Cherry Lake by October 1, 2014; and

22 WHEREAS, The principal purpose of the Lower Cherry Aqueduct system is to convey a  
23 water supply from Cherry Creek that can supplement the primary Hetchy Reservoir supply  
24 during a drought year, but due to its age and the damage caused by the Rim Fire, the Lower  
25

1 Cherry Aqueduct system is currently unable to reliably convey this supplemental water supply;  
2 and

3 WHEREAS, If the above mentioned work to extend SFPUC water supplies was not  
4 immediately undertaken and facilities expeditiously brought into or returned to service, the  
5 sustainability of San Francisco's water supply would be placed at significant risk which would  
6 endanger the public's health and welfare; and

7 WHEREAS, San Francisco Administrative Code, Chapter 6, Article IV, Section 6.60,  
8 authorizes department heads responsible for public work to award an emergency contract,  
9 exempt from the competitive bidding process, in the event of an actual emergency which is  
10 defined to include, "...The breakdown or imminent breakdown of any plant, equipment,  
11 structure, street or public work necessitating immediate emergency repair or reconditioning to  
12 safeguard the lives or property of the citizens, or the property of the City and County, or to  
13 maintain the public health and welfare..."; and

14 WHEREAS, On February 21, 2014, the SFPUC General Manager declared an  
15 emergency, approved by the President of the San Francisco Public Utilities Commission, to  
16 take immediate action to extend SFPUC water supplies and thereby protect public health and  
17 safety; and

18 WHEREAS, On April 29th, 2014, the SFPUC General Manager updated the original  
19 emergency declaration, approved by the President of the San Francisco Public Utilities  
20 Commission; and

21 WHEREAS, Administrative Code, Section 6.60(D) requires that the General Manager  
22 immediately notify the Controller, and seek Board of Supervisors approval of emergency  
23 public works with an estimated cost in excess of \$250,000; and

24  
25

1           WHEREAS, The SFPUC General Manager estimates that the emergency rehabilitation  
2 of the Lower Cherry Aqueduct to extend SFPUC water supplies will cost approximately  
3 \$16,000,000; and

4           WHEREAS, The emergency rehabilitation work at Lower Cherry Aqueduct began April  
5 2014, and should be completed October 2014; and

6           WHEREAS, The Controller has certified that funds are available for this emergency  
7 work and contract; now, therefore, be it

8           RESOLVED, That the Board of Supervisors approves the emergency work under  
9 Administrative Code, Section 6.60, for extending SFPUC water supplies with a contract  
10 amount not to exceed \$16,000,000; and, be it

11           FURTHER RESOLVED, That actions taken to date by the San Francisco Public  
12 Utilities Commission to secure such emergency contracts and resolve the emergency  
13 condition are hereby ratified.

14           FURTHER RESOLVED, That within (30) days of the contract being fully executed by  
15 all parties, the Public Utilities Commission shall provide the final contract to the Clerk of the  
16 Board for inclusion into the official file.

17  
18

19 RECOMMENDED:

FUNDS AVAILABLE:

20  
21 \_\_\_\_\_

\_\_\_\_\_

22 Harlan L. Kelly, Jr.  
23 General Manager

Ben Rosenfield, Controller

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25



# San Francisco Water Power Sewer

Operator of the Hetch Hetchy Regional Water System

525 Golden Gate Avenue, 13th Floor  
San Francisco, CA 94102  
415.554.3166  
415.554.3181  
415.554.3488

## MEMORANDUM

Date: February 21, 2014

To: Commissioner ~~Vince Courtney, President~~ *Ann Moller Caen, Vice President*

From: Harlan L. Kelly, Jr., *Harlan L. Kelly, Jr.* General Manager

Subject: Declaration of Emergency - 2014 Drought Conditions

In accordance with Chapter 6, Article IV, Section 6.60(D) and Chapter 21, Section 21.15 of the Administrative Code of the City and County of San Francisco, I am declaring an emergency on behalf of the San Francisco Public Utilities Commission (SFPUC).

California continues to experience one of the most extreme droughts since hydrologic recordkeeping began. The Hetch Hetchy system is no exception. As of February 19, precipitation in the Hetch Hetchy watershed was 47% of normal and snowpack was 22% of normal. We have requested that our customers voluntarily reduce water use 10% system-wide. On February 10, Mayor Lee issued an Executive Directive to all city departments outlining actions to be taken to reduce water use. It also directed the PUC to develop alternative sources of water supplies for both potable and non-potable uses.

This request for emergency declaration is to provide immediate authorization to enable the Water Enterprise to procure construction and professional services to extend our water supplies. Immediate actions include rehabilitation of the Lower Cherry Aqueduct which was damaged during the recent Rim Fire (a federal and state declared emergency) to be able to access the 200,000 acre-feet of water storage in Cherry Lake by October 1, 2014; pump station and water treatment plant improvements in the Sunol area and Thomas Shaft so that we can safely and efficiently treat supplies from Cherry Lake at Sunol Valley Water Treatment Plant; services for installing water-saving plumbing fixtures; and other necessary work to extend our precious water supplies.

For the Lower Cherry Aqueduct, the design is being completed through an existing as-needed contract which included a streamlined competitive process for this design Task Order. HHWP and Infrastructure staff have been directed to use a pre-qualified list of large pipeline contractors to develop a short competitive process to select the construction contractor who can be brought on while the project is under design so that there will be no delays in constructing the project.

Services of the San Francisco Public Utilities Commission

Edwin M. Lee  
Mayor

Vince Courtney  
President

Ann Moller Caen  
Vice President

Francesca Viator  
Commissioner

Anson Moraes  
Commissioner

Ari Torres  
Commissioner

Harlan L. Kelly, Jr.  
General Manager

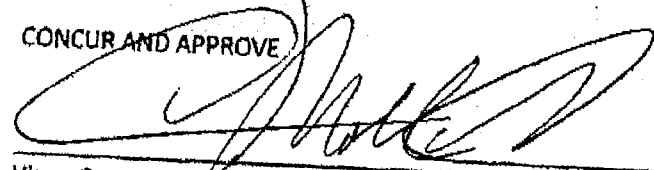




This request for emergency declaration is for resources and materials to perform work as soon as possible that is beyond the capabilities of City resources. Total estimated costs at this time are \$10,000,000, but will be dependent on the duration and depth of the drought.

I am therefore declaring the existence of an emergency for contracting purposes. This declaration does not serve as a declaration of water shortage emergency under Water Code Sections 350 et. seq., which the Commission may adopt in the near future depending on conditions as a means of requiring mandatory rationing by our customers. I trust that this meets with your concurrence and approval.

CONCUR AND APPROVE



~~Wendy Courtney, President~~ Ann Moller-Caen, Vice President  
San Francisco Public Utilities Commission

cc: Commissioners  
City Controller



**Executive Directive 14-01**  
**Water Conservation – City Departments**  
*February 10, 2014*

San Francisco is a leader in using water wisely. Our citizens have some of the lowest water use in California, and the City has taken steps to help residents and businesses become even more efficient in their water use. In 2009, the City and County of San Francisco passed two water conservation ordinances for residential and commercial properties to install high-efficiency plumbing fixtures. The San Francisco Public Utilities Commission (SFPUC) offers financial incentives and technical assistance to replace inefficient plumbing fixtures for retail water customers. Additionally, San Francisco is diversifying our water supply by developing groundwater and recycled water.

Snowmelt from the Sierra Nevada is the primary drinking water source for 2.6 million people in the Bay Area. In 2013, California experienced one of the driest years on record, setting the stage for reduced water storage levels and possible first year drought conditions. These conditions have persisted in 2014, which could be the driest water year in the state's history. Precipitation has been less than 10 percent of normal so far for the year. After two years of below-average rainfall in California, Governor Jerry Brown declared a statewide drought in January 2014.

Given the current conditions in California, the City and County of San Francisco is requesting its water customers to reduce overall water consumption by 10 percent. Reducing water usage is essential to stretching our water supplies during this time of drought.

City agencies have made great strides to use less water. Since the last period of voluntary rationing in 2007, water use by City departments has declined by 22%. While many departments have implemented water conservation measures, there is still room to improve and save more water. Therefore, with this Executive Directive, I am outlining actions City departments should pursue to further reduce their consumption of water.

**Further reduce consumption by 10 percent.** All departments are directed to take steps immediately to reduce their water consumption with a goal of achieving a 10 percent reduction. Department heads are requested to report innovative conservation strategies to the SFPUC (contacts below) for the purpose of sharing best practices with other Departments. This reporting will be voluntary.

**Develop a Water Conservation Plan.** By August 1, 2014 all departments shall develop a Water Conservation Plan that includes:

- A departmental contact for water conservation efforts.
- An inventory of all departmental plumbing fixtures and their flow rates, including toilets, urinals, faucets, and showerheads.
- Timeline for retrofitting inefficient plumbing fixtures with high-efficiency models.
- A list of best management practices that departments will implement to achieve water-efficient operations and maintenance of parks, medians and other irrigated landscapes.

Executive Directive 14-01  
Water Conservation – City Departments  
February 10, 2014

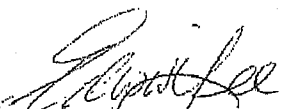
**Educate staff and visitors on water conservation practices.** Effective immediately, all departments shall educate employees and facility visitors about the efficient use of water at City facilities and the need to conserve.

**Explore the use of non-potable water for street cleaning.** City departments should explore the feasibility of replacing potable water with non-potable water sources for street cleaning.

**Develop alternative sources of water supply.** The SFPUC is directed to develop alternative sources of water supplies for both potable and non-potable uses. All departments shall cooperate with the SFPUC in developing these alternative water supplies. These alternatives shall include, but not be limited to: Cherry Lake; groundwater; recycled water; and foundation drainage.

The SFPUC can provide departments with assistance to comply with this Executive Directive. Please contact Steven Ritchie, Assistant General Manager, SFPUC (415-934-5736, [sritchie@sfgwater.org](mailto:sritchie@sfgwater.org)) or Paula Kehoe, Director of Water Resources, SFPUC (415-554-0792, [pkehoe@sfgwater.org](mailto:pkehoe@sfgwater.org)).

This Executive Directive shall be effective immediately, and remain in place until rescinded or amended by future Directive.



Edwin M. Lee  
Mayor, City & County of San Francisco

# Introduction Form

By a Member of the Board of Supervisors or the Mayor

Time stamp  
or meeting date

I hereby submit the following item for introduction (select only one):

- 1. For reference to Committee. (An Ordinance, Resolution, Motion, or Charter Amendment)
- 2. Request for next printed agenda Without Reference to Committee.
- 3. Request for hearing on a subject matter at Committee.
- 4. Request for letter beginning "Supervisor [ ] inquires"
- 5. City Attorney request.
- 6. Call File No. [ ] from Committee.
- 7. Budget Analyst request (attach written motion).
- 8. Substitute Legislation File No. [ ]
- 9. Reactivate File No. [ ]
- 10. Question(s) submitted for Mayoral Appearance before the BOS on [ ]

Please check the appropriate boxes. The proposed legislation should be forwarded to the following:

- Small Business Commission
- Youth Commission
- Ethics Commission
- Planning Commission
- Building Inspection Commission

**Note: For the Imperative Agenda (a resolution not on the printed agenda), use a Imperative Form.**

**Sponsor(s):**

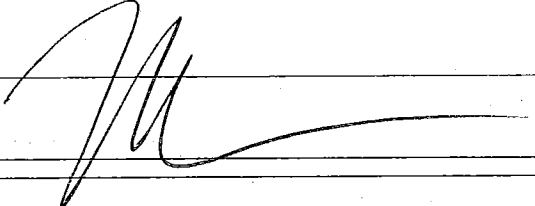
Supervisor Farrell

**Subject:**

Emergency Contracts - Repairing Lower Cherry Aqueduct and Upgrading Sunol Valley Water Facilities Related to Drought Declaration - Not to Exceed \$29,000,000.

**The text is listed below or attached:**

See attached.

Signature of Sponsoring Supervisor: 

For Clerk's Use Only:

140781