



**SEWER  
SYSTEM**  
IMPROVEMENT PROGRAM  
Grey. Green. Clean.

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# **Sewer System Improvement Program Project Labor Agreement Quarterly Report**

**July 1, 2016 through September 30, 2016  
(First Quarter FY 2016-2017)**

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SFPUC  
Infrastructure Division  
Workforce and Economic Program Services Bureau  
525 Golden Gate Avenue, 9th Floor  
San Francisco, CA 94102

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
First Quarter FY 2016-2017

**Table of Contents**

<b>Definitions .....</b>	<b>3</b>
<b>SSIP Executive Summary.....</b>	<b>4</b>
Table 1. Worker Highlights – Total Program .....	4
Table 2. Summary of Craft Worker Employment During the Quarter .....	5
Table 3. List of SSIP Construction Contracts.....	5
<b>Summary Tables and Charts .....</b>	<b>6</b>
<b>Craft Data .....</b>	<b>6</b>
Chart 1. Craft Hours and Wages .....	6
Table 4. Craft Utilization Table .....	7
Chart 2. Craft Utilization Pie Chart .....	8
Chart 3. Worker Residence Quarterly and Cumulative .....	9
<b>Table 5. Worker Residence by County.....</b>	<b>10</b>
Table 6. SF Journey and Apprentice Hours by ZIP Code .....	11
Table 7. Worker Residence by Craft .....	12
Table 8. Worker Residence by Project.....	13
<b>Apprentice Data.....</b>	<b>14</b>
Table 9. Apprentice Utilization by Craft .....	14
Table 10. Apprentice Utilization by Project.....	15
<b>Substance Abuse Prevention Program and Safety .....</b>	<b>16</b>
<b>Legislative History of the WSIP PLA and Extension Agreement .....</b>	<b>17</b>
<b>Governance &amp; Certified Payroll Reporting System .....</b>	<b>18</b>

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
First Quarter FY 2016-2017

## Definitions

<b>City</b>	City and County of San Francisco
<b>OEWD</b>	The Office of Economic and Workforce Development of the City and County of San Francisco
<b>OSP</b>	Oceanside Water Pollution Control Plant
<b>Outside</b>	All ZIP Codes where workers reside not within San Francisco or the San Francisco Public Utilities Commission Service Territory
<b>SEP</b>	Southeast Water Pollution Control Plant
<b>SFPUC</b>	San Francisco Public Utilities Commission
<b>SFPUC Regional Service Territory</b>	265 ZIP Codes (established in San Francisco Public Utilities Commission Local Business Enterprise Program Appendix 1) where the San Francisco Public Utilities Commission provides water delivery services; excluding San Francisco ZIP Codes
<b>SSIP</b>	Sewer System Improvement Program
<b>WEPS</b>	Workforce and Economic Programs Services Bureau
<b>WWE</b>	Wastewater Enterprise

## Executive Summary

### Contracting and Employment Highlights – Program to Date:

- Ten (10) construction contracts, with a combined value of \$331.8 million, have been awarded.
- More than 200,000 total craft hours have been worked by 641 workers who have earned \$13.1 million in wages and benefits on SSIP to date.
- 211 San Francisco residents worked 81,631 of those hours (**40.5%**), and earned approximately \$5.9 million in wages and benefits, exceeding the City’s 30% Local Hiring requirement.
- Residents of the SFPUC’s Regional Service Territory worked more than 37,000 hours (**18.5%**) and earned \$2.1 million in wages and benefits through the reporting period.

**Table 1. Worker Highlights – Total Program**

Region of Worker Residence	Inception Through September 30, 2016		
	Hours	Wages & Benefits	Worker Count
Outside	82,773	\$ 5,063,377	305
San Francisco	81,631	\$ 5,875,923	211
Service Territory	37,246	\$ 2,161,915	125
<b>Grand Total</b>	<b>201,650</b>	<b>\$ 13,101,215</b>	<b>641</b>

### Contracting and Employment Highlights – During the Quarter:

- During the quarter 216 craft workers worked more than 32,000 hours and earned approximately \$2.1 million in wages and benefits.
- 59 San Francisco residents worked more than 9,000 hours and earned more than \$600,000 in wages and benefits.
- 43 SFPUC Service Territory residents worked approximately 5,500 hours and earned more than \$366,000 in wages and benefits.

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
First Quarter FY 2016-2017

**Table 2. Summary of Craft Worker Employment During the Quarter**

Region of Worker Residence	Three Months Ending September 30, 2016		
	Hours	Wages & Benefits	Worker Count
Outside	17,093	\$ 1,150,778	114
San Francisco	9,667	\$ 599,343	59
Service Territory	5,455	\$ 366,842	43
<b>Grand Total</b>	<b>32,215</b>	<b>\$ 2,116,963</b>	<b>216</b>

**Table 3. List of SSIP Construction Contracts**

SSIP Construction Contracts				
Inception through September 30, 2016				
Award Date	Contract Number	Prime Contractor	Project	Original Contract Award
5/24/16	WW-628	Sundt/Walsh JV	SEP New Headworks Facility	\$ 224,652,224
5/10/16	WW-570	Blocka Construction, Inc.	OSP and Westside Pump Station HVAC Upgrades	\$ 6,138,000
1/26/16	WW-613	Western Water Constructors, Inc.	SEP Building 521/522 and Disinfection Upgrades	\$ 25,750,000
1/12/16	WW-626	Monterey Mechanical Company	SEP Primary and Secondary Clarifier Upgrades	\$ 23,588,000
11/10/15	WW-605R	Anvil Builders	Mission and Valencia Streets Green Gateway	\$ 2,949,013
9/22/15	WW-609R	M Squared Construction, Inc.	Holloway Green Street Stormwater Improvements	\$ 5,591,892
6/24/14	WW-572R	Cal State Constructors	Westside Pump Station Discharge Pipe Manifold Upgrade	\$ 4,145,047
1/28/14	WW-556	NTK Construction, Inc.	SEP Chemical System Relocation and Facility Upgrades	\$ 14,025,000
12/11/12	WW-541	NTK Construction, Inc.	SEP Oxygen Generation Plant Replacement	\$ 9,476,360
4/24/12	WW-483RR	K.J. Woods Construction, Inc.	N. Shore to Channel Force Main Improvements	\$ 15,488,000
<b>Total Contract Award of these 10 SSIP projects</b>				<b>\$ 331,803,536</b>

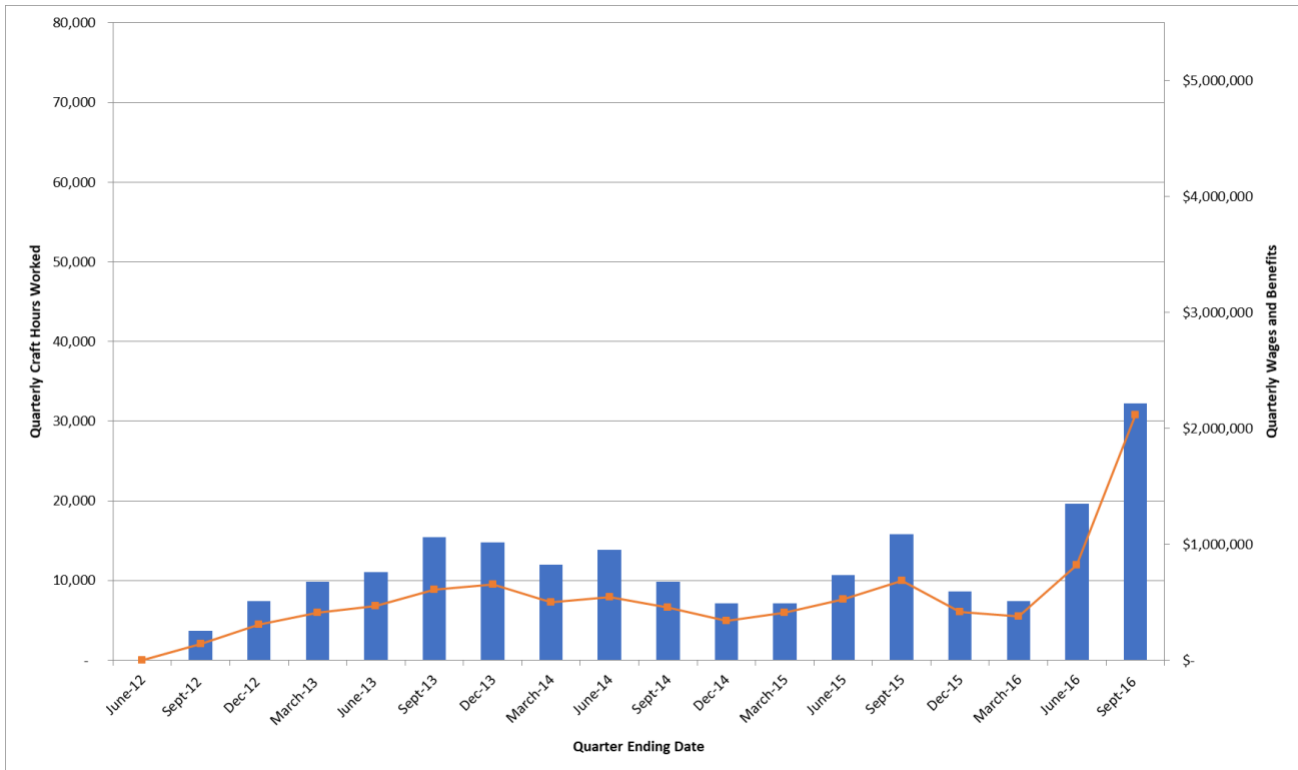
San Francisco Public Utilities Commission  
 Sewer System Improvement Program Project Labor Agreement Quarterly Report  
 First Quarter FY 2016-2017

## Summary Tables and Charts

### Craft Data

- During the quarter, construction workers worked 32,215 hours and earned \$2.12 million in wages and benefits.

**Chart 1. Craft Hours and Wages**



San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
First Quarter FY 2016-2017

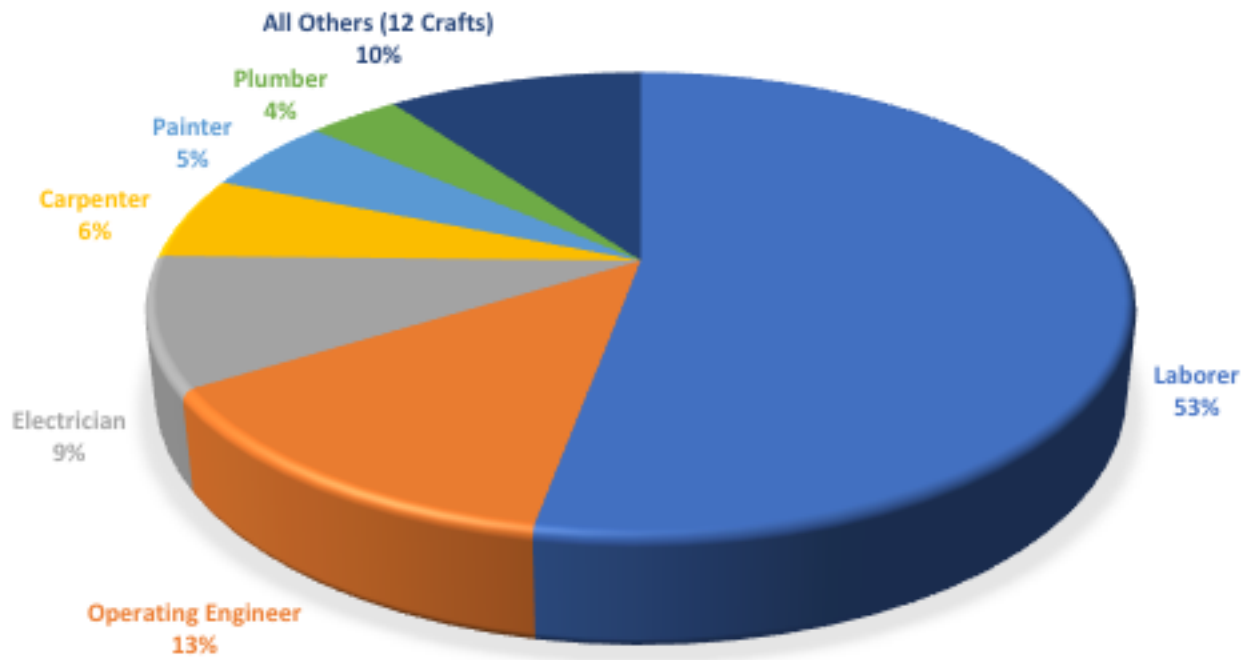
- On SSIP, 641 construction workers worked 201,650 construction craft hours and earned \$13,101,215 in wages and benefits.
- Laborers, Operating Engineers, Electricians, Carpenters, Painters, and Plumbers worked approximately **90%** of all hours worked on SSIP, with over 180,000 combined hours worked.

**Table 4. Craft Utilization Table**

Craft	Total Hours	Total Wages	% Craft Hours of Total Hours	% Wages of Total Wages
Laborer	106,735	\$ 5,247,232	52.9%	40.1%
Operating Engineer	26,733	\$ 2,967,808	13.3%	22.7%
Electrician	18,471	\$ 1,432,846	9.2%	10.9%
Carpenter	11,631	\$ 765,128	5.8%	5.8%
Painter	10,565	\$ 673,488	5.2%	5.1%
Plumber	7,284	\$ 772,382	3.6%	5.9%
<b>Top 6 Crafts Sub-Total</b>	<b>181,417</b>	<b>\$ 11,858,883</b>	<b>90.0%</b>	<b>90.5%</b>
Field Surveyor	4,771	\$ 274,594	2.4%	2.1%
Cement Mason	4,062	\$ 218,624	2.0%	1.7%
Iron Worker	1,001	\$ 71,262	0.5%	0.5%
Sheet Metal Worker	837	\$ 71,231	0.4%	0.5%
Pile Driver	409	\$ 25,692	0.2%	0.2%
Asbestos Worker	327	\$ 22,744	0.2%	0.2%
Building/Construction Inspector	258	\$ 15,165	0.1%	0.1%
Metal Roofing Systems Installer	88	\$ 6,371	0.0%	0.0%
Roofer	20	\$ 1,009	0.0%	0.0%
<b>Remaining Apprenticeable Sub-Total</b>	<b>11,772</b>	<b>\$ 706,692</b>	<b>5.8%</b>	<b>5.4%</b>
Tunnel Worker	5,057	\$ 308,584	2.5%	2.4%
Teamster	2,266	\$ 123,199	1.1%	0.9%
Driver	1,138	\$ 103,857	0.6%	0.8%
<b>Total Non-Apprenticeable</b>	<b>8,461</b>	<b>\$ 535,640</b>	<b>4.2%</b>	<b>4.1%</b>
<b>Grand Total</b>	<b>201,650</b>	<b>\$ 13,101,215</b>	<b>100.0%</b>	<b>100.0%</b>

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
First Quarter FY 2016-2017

**Chart 2. Craft Utilization Pie Chart**



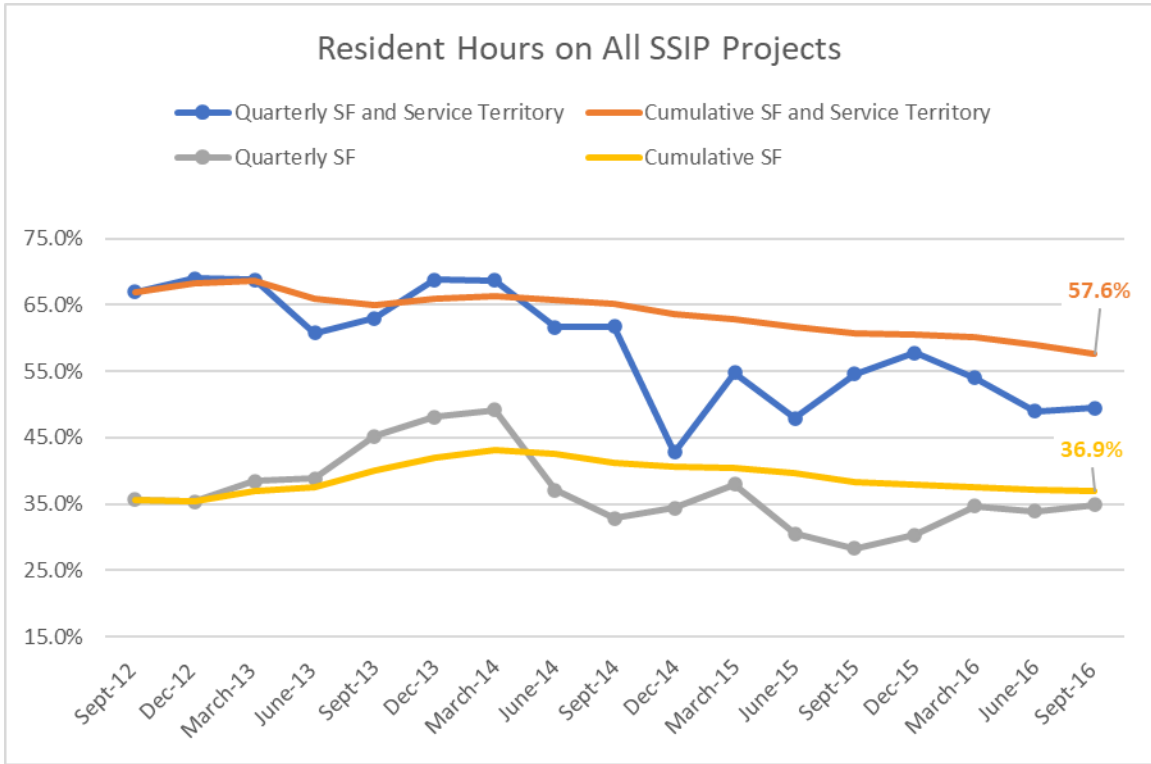


San Francisco Public Utilities Commission  
 Sewer System Improvement Program Project Labor Agreement Quarterly Report  
 First Quarter FY 2016-2017

Worker Residence Data

- Combined, San Francisco and SFPUC Regional Service Territory residents worked **57.6%** of all construction craft hours on SSIP to date.

**Chart 3. Worker Residence Quarterly and Cumulative**



San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
First Quarter FY 2016-2017

- San Francisco’s 211 workers worked **40.5%** of all the construction hours on SSIP through the reporting period, as reported in the City’s online certified payroll reporting system, LCPtracker, Inc.
- San Francisco construction workers have earned approximately \$5.9 million in wages and benefits.

**Table 5. Worker Residence by County**

<b>SSIP-PLA Employment by Top 20 Counties of Residence</b>				
Inception Through September 30, 2016				
<b>County</b>	<b>Total Craft Hours</b>	<b>Wages</b>	<b>% Craft Hours</b>	<b>Worker Count</b>
San Francisco County	81,631	\$ 5,875,923	40.5%	211
Alameda County	32,559	\$ 1,808,511	16.1%	94
Contra Costa County	21,853	\$ 1,544,566	10.8%	91
San Mateo County	14,593	\$ 862,252	7.2%	57
Solano County	14,248	\$ 772,476	7.1%	57
Kern County	6,404	\$ 403,628	3.2%	6
San Joaquin County	5,040	\$ 306,589	2.5%	15
Marin County	4,179	\$ 214,848	2.1%	4
Sonoma County	3,275	\$ 205,660	1.6%	11
Sacramento County	2,371	\$ 129,935	1.2%	13
Santa Clara County	2,070	\$ 121,868	1.0%	15
Fresno County	1,607	\$ 87,748	0.8%	3
Riverside County	1,494	\$ 97,110	0.7%	9
Napa County	1,362	\$ 91,261	0.7%	3
Merced County	1,318	\$ 87,844	0.7%	4
Clark County	1,067	\$ 78,412	0.5%	4
Yolo County	1,021	\$ 57,478	0.5%	3
Tulare County	998	\$ 44,311	0.5%	1
Plumas County	902	\$ 55,504	0.4%	1
San Bernardino County	596	\$ 39,715	0.3%	7
<b>Top 20 Counties by Hours</b>	<b>198,588</b>	<b>\$ 12,885,639</b>	<b>98.5%</b>	<b>609</b>
All Other Counties	3,063	\$ 215,576	1.5%	32
<b>Grand Total</b>	<b>201,650</b>	<b>\$ 13,101,215</b>	<b>100.0%</b>	<b>641</b>

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
First Quarter FY 2016-2017

The table below represents San Francisco’s ZIP Codes where the workers reside. On SSIP, workers currently reside in 24 of San Francisco’s total 30 ZIP Codes.

- Total hours worked by San Francisco residents on SSIP to date is approximately 81,600 hours.
- Workers living in the Southeast sector of the city, ZIP Codes 94124 (Bayview Hunters Point) and 94134 (Visitacion Valley and Portola) have worked more than 25,819 hours.
- Apprentices living in 94124 have worked more than one third of all SF apprentice hours (36.6%).

**Table 6. SF Journey and Apprentice Hours by ZIP Code**

Zip Code	Neighborhoods	Apprentice Hours	Journey Hours	Total Hours	Worker Count (Not Unique)
94124	Bayview Hunters Point	8,884	9,603	18,487	44
94116	Sunset District, West Portal, Forest Hill	1,514	10,554	12,068	22
94110	Mission, Bernal Heights	5,124	5,816	10,940	25
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	937	6,562	7,499	29
94134	Visitacion Valley, Portola	963	6,369	7,332	16
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	2,489	2,713	5,202	7
94122	Inner Sunset, Outer Sunset	656	3,126	3,782	11
94132	Lake Merced, Merced Heights, San Francisco State	345	3,191	3,536	8
94107	SOMA, Dog Patch, Protrero Hill	716	2,068	2,784	12
94133	Chinatown, Telegraph Hill, North Beach, Fisherman's Wharf	8	2,771	2,779	4
94142	Tenderloin		1,505	1,505	2
94121	Outer Richmond	347	800	1,147	3
94102	Hayes Valley, Civic Center, Tenderloin	758	324	1,082	4
94103	SOMA	434	485	919	5
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason		571	571	2
94130	Treasure Island	490	4	494	2
94120	SOMA	176	291	467	3
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA		332	332	4
94114	Castro, Noe Valley	215	38	253	2
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park		190	190	1
94105	SOMA, Embarcadero	171		171	1
94158	Mission Bay	48		48	1
94127	Balboa Terrace, St. Francis Wood, West Portal		33	33	1
94108	Chinatown, Union Square		14	14	2
<b>Grand Total</b>		<b>24,273</b>	<b>57,358</b>	<b>81,631</b>	<b>211</b>

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
First Quarter FY 2016-2017

- Laborers living in San Francisco have worked nearly half (**51.0%**) of all San Francisco hours.
- San Francisco apprentice Laborers have worked **57.7%** of the 24,273 total hours worked by San Francisco apprentices.

**Table 7. Worker Residence by Craft**

		Craft							SSIP Total
		Laborer	Electrician	Operating Engineer	Carpenter	Painter	Plumber	All Others	
<b>T o t a l</b>	<b>Total Hours</b>	<b>106,735</b>	<b>18,471</b>	<b>26,733</b>	<b>11,631</b>	<b>10,565</b>	<b>7,284</b>	<b>20,233</b>	<b>201,650</b>
	<b>Total %</b>	52.9%	9.2%	13.3%	5.8%	5.2%	3.6%	10.0%	
	<b>San Francisco Hours</b>	<b>41,592</b>	<b>9,621</b>	<b>14,174</b>	<b>3,841</b>	<b>1,801</b>	<b>4,331</b>	<b>6,271</b>	<b>81,631</b>
	<b>Total % of San Francisco Hours</b>	51.0%	11.8%	17.4%	4.7%	2.2%	5.3%	7.7%	
	<b>Regional Service Territory Hours</b>	<b>21,714</b>	<b>475</b>	<b>4,394</b>	<b>2,348</b>	<b>1,207</b>	<b>1,463</b>	<b>5,645</b>	<b>37,246</b>
	<b>Total % of Regional Service Territory Hours</b>	58.3%	1.3%	11.8%	6.3%	3.2%	3.9%	15.2%	
		Laborer	Electrician	Operating Engineer	Carpenter	Painter	Plumber	All Others	SSIP Total
<b>A p p r e n t i c e</b>	<b>Total Hours</b>	<b>16,049</b>	<b>5,465</b>	<b>883</b>	<b>2,346</b>	<b>2,518</b>	<b>399</b>	<b>2,719</b>	<b>30,379</b>
	<b>Total %</b>	52.8%	18.0%	2.9%	7.7%	8.3%	1.3%	9.0%	
	<b>San Francisco Hours</b>	<b>14,000</b>	<b>5,325</b>	<b>851</b>	<b>925</b>	<b>968</b>	<b>399</b>	<b>1,806</b>	<b>24,273</b>
	<b>Total % of San Francisco Hours</b>	57.7%	21.9%	3.5%	3.8%	4.0%	1.6%	7.4%	
	<b>Regional Service Territory Hours</b>	<b>658</b>	<b>140</b>	<b>32</b>	<b>729</b>	<b>-</b>	<b>-</b>	<b>416</b>	<b>1,973</b>
	<b>Total % of Regional Service Territory Hours</b>	33.3%	7.1%	1.6%	36.9%	0.0%	0.0%	21.1%	

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
First Quarter FY 2016-2017

- The overall participation rate of San Francisco workers on SSIP's projects is currently **40.5%**.
- WW-541 SEP Oxygen Generation Plant Replacement has the highest local worker participation to date on SSIP with workers living in San Francisco working approximately three of every four hours worked on the project.

**Table 8. Worker Residence by Project**

Sorted by San Francisco Percent of Total Project Hours

Project	Hours				% of Total Project Hours		
	Outside	San Francisco	Service Territory	Grand Total	Outside	San Francisco	Service Territory
WW-541 Southeast Water Pollution Control Plant Oxygen Generation Plant Replacement	2,225	8,580	705	11,509	19.3%	74.5%	6.1%
WW-609R Holloway Green Street Stormwater Improvements	2,874	6,522	1,068	10,464	27.5%	62.3%	10.2%
WW-572R Westside Pump Station Discharge Pipe Manifold	2,644	4,256	449	7,349	36.0%	57.9%	6.1%
WW-483RR North Shore to Channel Force Main Improvement and Pavement Renovation	38,197	41,603	25,882	105,681	36.1%	39.4%	24.5%
WW-556 Southeast Water Pollution Control Plant Chemical System Relocation and Facility Upgrades	17,003	11,969	2,364	31,336	54.3%	38.2%	7.5%
WW-605R Mission and Valencia Streets Green Gateway	5,285	3,597	2,430	11,311	46.7%	31.8%	21.5%
WW-626 Southeast Water Pollution Control Plant Primary and Secondary Clarifier Upgrades	7,954	3,130	3,271	14,355	55.4%	21.8%	22.8%
WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades	6,591	1,977	1,079	9,646	68.3%	20.5%	11.2%
<b>Grand Total</b>	<b>82,773</b>	<b>81,631</b>	<b>37,246</b>	<b>201,650</b>	<b>41.0%</b>	<b>40.5%</b>	<b>18.5%</b>

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
First Quarter FY 2016-2017

**Apprentice Data**

The State of California’s Division of Apprenticeship Standards requires apprentices be utilized in the ratios applicable for each craft, generally one apprentice hour to every five journey hours.

- On SSIP to date, **15.7%** of all craft hours in apprenticeable trades have been worked by apprentices.
- Through the reporting period, Laborer apprentices have worked **15%** of their 106,735 total hours worked.
- Laborers represent **52.9%** of all craft hours worked on SSIP, and **52.8%** of all apprentice hours worked.

**Table 9. Apprentice Utilization by Craft**

Craft	Apprentice Hours	Journey Hours	Grand Total	Apprentice Percentage of Craft Total
Pile Driver	247	162	409	60.4%
Metal Roofing Systems Installer	48	40	88	54.5%
Asbestos Worker	128	199	327	39.1%
Sheet Metal Worker	268	569	837	32.0%
Electrician	5,465	13,006	18,471	29.6%
Painter	2,518	8,047	10,565	23.8%
Field Surveyor	1,004	3,767	4,771	21.0%
Cement Mason	848	3,214	4,062	20.9%
Carpenter	2,346	9,285	11,631	20.2%
Iron Worker	176	825	1,001	17.6%
Laborer	16,049	90,687	106,735	15.0%
Plumber	399	6,885	7,284	5.5%
Operating Engineer	883	25,850	26,733	3.3%
Building/Construction Inspector		258	258	0.0%
Roofer		20	20	0.0%
<b>Apprenticeable Sub-total</b>	<b>30,379</b>	<b>162,811</b>	<b>193,189</b>	<b>15.7%</b>
Tunnel Worker*		5,057	5,057	0.0%
Teamster*		2,266	2,266	0.0%
Driver*		1,138	1,138	0.0%
<b>Grand Total</b>	<b>30,379</b>	<b>171,272</b>	<b>201,650</b>	<b>15.1%</b>
*Non-Apprenticable Trade				

San Francisco Public Utilities Commission  
 Sewer System Improvement Program Project Labor Agreement Quarterly Report  
 First Quarter FY 2016-2017

- Overall, with more than 201,650 total craft hours worked, SSIP projects have an apprentice utilization rate of **15.1%** through the reporting period.
- With the most total apprentice hours on SSIP through the reporting period, project WW-483RR North Shore to Channel Force Main Improvement and Pavement Renovation has 14,364 apprentice hours, which equates to **13.6%** of the project's total hours.

**Table 10. Apprentice Utilization by Project**

Project Name	Apprentice Hours	Journey Hours	Grand Total	Apprentice Utilization %
WW-572R Westside Pump Station Discharge Pipe Manifold	1,659	5,690	7,349	22.6%
WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades	2,143	7,504	9,646	22.2%
WW-556 Southeast Water Pollution Control Plant Chemical System Relocation and Facility Upgrades	5,813	25,522	31,336	18.6%
WW-626 Southeast Water Pollution Control Plant Primary and Secondary Clarifier Upgrades	2,326	12,029	14,355	16.2%
WW-605R Mission and Valencia Streets Green Gateway	1,551	9,761	11,311	13.7%
WW-541 Southeast Water Pollution Control Plant Oxygen Generation Plant Replacement	1,566	9,943	11,509	13.6%
WW-483RR North Shore to Channel Force Main Improvement and Pavement Renovation	14,364	91,318	105,681	13.6%
WW-609R Holloway Green Street Stormwater Improvements	958	9,506	10,464	9.2%
<b>Grand Total</b>	<b>30,379</b>	<b>171,272</b>	<b>201,650</b>	<b>15.1%</b>

## **Substance Abuse Prevention Program and Safety**

The PLA requires pre-employment alcohol and drug testing for all covered employees. The policy also allows testing where the contractor has reasonable cause to believe that the employee has used drugs or alcohol, and mandates testing where a contractor concludes that an employee was under the influence of drugs or alcohol at the time of an accident.

As of September 30, 2016, no new contracts were awarded under the Extension Agreement. As a result, no pre-employment tests were administered on SSIP during the reporting period.



## **History of the WSIP PLA and SSIP Extension Agreement**

On April 8, 2003, the San Francisco Board of Supervisors adopted Resolution 223-03 urging the San Francisco Public Utilities Commission (SFPUC) to develop plans for a Project Labor Agreement (PLA) covering the capital improvement program to rehabilitate, repair, and upgrade the Hetch Hetchy Water System.

On May 20, 2003 the San Francisco Board of Supervisors adopted Resolution 350-03 urging the SFPUC to include social justice components in the PLA covering the Hetch Hetchy Water System upgrade.

On May 11, 2006 the San Francisco Board of Supervisors amended the San Francisco Administrative Code to establish a Small Firm Advisory Committee to provide for the certification of small construction contractors located outside San Francisco and within the SFPUC service territory for work on SFPUC construction projects, including those covered by the PLA.

On March 28, 2006 the SFPUC adopted Resolution No. 06-0049 to authorize SFPUC staff to commence negotiations with the various craft labor unions for a project labor agreement covering the Water System Improvement Program (WSIP). Resolution No. 06-0049 concluded that the governmental interests of the SFPUC were furthered by a project labor agreement as follows:

“There are numerous advantages in moving forward on the negotiation of a PLA, which include but are not limited to the following: creates framework for labor harmony; militates against construction delays; assures steady supply of qualified labor; provides employment, career, and local business opportunities; and, other benefits ...”

On March 26, 2007, the SFPUC approved the negotiated agreement. The PLA requires construction contractors to utilize workers dispatched by signatory unions, and prohibits the unions and contractors from participating in strikes, lockouts, or other disruptions to the work. The PLA provides a procedure for adjudicating conflicting jurisdictional claims between the unions, provides for uniform hours of work, overtime, shifts and holidays, encourages the recruitment and training of low-income residents of the SFPUC service territory, and requires substance abuse testing for all covered workers. The first implementation of the PLA was on contract WD-2504 Stanford Heights Reservoir Seismic Retrofit and Improvement project which the SFPUC awarded to S.J. Amoroso Construction Co. Inc. on Jun. 26, 2007 in the amount of \$17,899,960.

In 2008, the Commission approved Addendum No. 1 of the Agreement, which extended the Agreement to the Advanced Meter Infrastructure (AMI) project.

In May 2016, the Commission approved an Extension Agreement which applied the terms of the PLA, as modified in that Extension Agreement, to Sewer System Improvement Program (SSIP) projects and specific AWSS Pumping Station 2 projects.

## **Governance and Certified Payroll Reporting System**

The parties to the PLA have established a four-person Joint Administrative Committee that reviews the implementation and progress of the PLA, and provides guidance to questions or concerns that arise in connection with the PLA. The SFPUC's Workforce and Economic Programs team within the Infrastructure Division administers the PLA under the direction of the Joint Administrative Committee.

Prior to the commencement of construction, representatives of participating contractors and subcontractors, the unions, and SFPUC staff, are required to attend a Pre-Job Conference. At the conference, the general contractor and subcontractors present their scope of work and make assignments based on traditional craft jurisdictional lines. When conflicting claims for work are submitted to a contractor, the corresponding Jurisdictional Dispute Resolution procedure appropriate to the trades involved is invoked so as to prevent delay or disruption of work.

All SFPUC construction projects utilize the City's authorized web-based labor compliance reporting program, LCPtracker, Inc. The data from the certified payrolls records collected by LCPtracker, Inc. are used to produce the information included in this report.



**SEWER  
SYSTEM**  
IMPROVEMENT PROGRAM  
Grey. Green. Clean.

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# **Sewer System Improvement Program Project Labor Agreement Quarterly Report**

**October 1, 2016 through December 31, 2016  
(Second Quarter FY 2016-2017)**

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SFPUC  
Infrastructure Division  
Workforce and Economic Program Services Bureau  
525 Golden Gate Avenue, 9th Floor  
San Francisco, CA 94102

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Second Quarter FY 2016-2017

**Table of Contents**

<b>Definitions .....</b>	<b>3</b>
<b>Wastewater Enterprise.....</b>	<b>3</b>
<b>Executive Summary.....</b>	<b>4</b>
Table 1. Worker Highlights – Total Program .....	4
Table 2. Summary of Craft Worker Employment During the Quarter .....	5
Table 3. List of SSIP Construction Contracts .....	5
<b>Summary Tables and Charts .....</b>	<b>6</b>
<b>Craft Data .....</b>	<b>6</b>
Chart 1. Craft Hours and Wages .....	6
Table 4. Craft Utilization Table .....	7
Chart 2. Craft Utilization Pie Chart .....	8
Chart 3. Worker Residence Quarterly and Cumulative .....	9
<b>Table 5. Worker Residence by County.....</b>	<b>10</b>
Table 6. SF Journey And Apprentice Hours by ZIP Code.....	11
Table 7. Worker Residence by Craft .....	12
Table 8. Worker Residence by Project.....	13
<b>Apprentice Data.....</b>	<b>14</b>
Table 9. Apprentice Utilization by Craft .....	14
Table 10. Apprentice Utilization by Project.....	15
<b>Substance Abuse Prevention Program and Safety .....</b>	<b>16</b>
<b>Legislative History of the WSIP PLA and Extension Agreement .....</b>	<b>17</b>
<b>Governance and Certified Payroll Reporting System.....</b>	<b>18</b>

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Second Quarter FY 2016-2017

## Definitions

<b>City</b>	City and County of San Francisco
<b>OEWD</b>	The Office of Economic and Workforce Development of the City and County of San Francisco
<b>OSP</b>	Oceanside Water Pollution Control Plant
<b>Outside</b>	All ZIP Codes where workers reside not within San Francisco or the San Francisco Public Utilities Commission Service Territory
<b>SEP</b>	Southeast Water Pollution Control Plant
<b>SFPUC</b>	San Francisco Public Utilities Commission
<b>SFPUC Regional Service Territory</b>	265 ZIP Codes (established in San Francisco Public Utilities Commission Local Business Enterprise Program Appendix 1) where the San Francisco Public Utilities Commission provides water delivery services; excluding San Francisco ZIP Codes
<b>SSIP</b>	Sewer System Improvement Program
<b>WEPS</b>	Workforce and Economic Programs Services Bureau
<b>WWE</b>	Wastewater Enterprise

## Executive Summary

### Contracting and Employment Highlights – Program to Date:

- Twelve (12) construction contracts, with a combined value of \$356.3 million, have been awarded.
- More than 235,000 total craft hours have been worked by 715 workers who have earned \$15.5 million in wages and benefits on SSIP to date.
- 237 San Francisco residents worked 90,639 of those hours (**38.5%**), and earned approximately \$6.5 million in wages and benefits, exceeding the City’s 30% Local Hiring requirement.
- Residents of the SFPUC’s Regional Service Territory worked more than 43,000 hours (**18.4%**) and earned \$2.6 million in wages and benefits through the reporting period.

**Table 1. Worker Highlights – Total Program**

Region of Worker Residence	Inception Through December 31, 2016		
	Hours	Wages & Benefits	Worker Count
Outside	101,552	\$ 6,414,047	334
San Francisco	90,639	\$ 6,504,034	237
Service Territory	43,350	\$ 2,600,212	144
<b>Grand Total</b>	<b>235,541</b>	<b>\$ 15,518,294</b>	<b>715</b>

### Contracting and Employment Highlights – During the Quarter:

- There were two contracts awarded:
  - DB-126 Wastewater Distributed Control System Upgrades was awarded to Emerson Process Management for \$20,425,000.
  - WW-606R2 OSP Door and Building 930 Exterior Awning Improvements was awarded to Trinet Construction, Inc., for \$4,049,000.
- During the quarter 227 craft workers worked nearly 34,000 hours and earned approximately \$2.4 million in wages and benefits.
- 75 San Francisco residents worked nearly 9,000 hours and earned more than \$630,000 in wages and benefits.
- 48 SFPUC Service Territory residents worked more than 6,000 hours and earned approximately \$438,000 in wages and benefits.

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Second Quarter FY 2016-2017

**Table 2. Summary of Craft Worker Employment During the Quarter**

Region of Worker Residence	Three Months Ending December 31, 2016		
	Hours	Wages & Benefits	Worker Count
Outside	18,779	\$ 1,350,670	104
San Francisco	9,035	\$ 630,101	75
Service Territory	6,105	\$ 438,297	48
<b>Grand Total</b>	<b>33,918</b>	<b>\$ 2,419,069</b>	<b>227</b>

**Table 3. List of SSIP Construction Contracts**

SSIP Construction Contracts				
Inception through December 31, 2016				
Award Date	Contract Number	Prime Contractor	Project	Original Contract Award
12/13/16	DB-126	Emerson Process Management	WWE Distributed Control System Upgrades	\$ 20,425,000
12/13/16	WW-606R2	Trinet Construction, Inc.	OSP Door and Building 930 Exterior Awning Improvements	\$ 4,049,000
5/24/16	WW-628	Sundt/Walsh JV	SEP New Headworks Facility	\$ 224,652,224
5/10/16	WW-570	Blocka Construction, Inc.	OSP and Westside Pump Station HVAC Upgrades	\$ 6,138,000
1/26/16	WW-613	Western Water Constructors, Inc.	SEP Building 521/522 and Disinfection Upgrades	\$ 25,750,000
1/12/16	WW-626	Monterey Mechanical Company	SEP Primary and Secondary Clarifier Upgrades	\$ 23,588,000
11/10/15	WW-605R	Anvil Builders	Mission and Valencia Streets Green Gateway	\$ 2,949,013
9/22/15	WW-609R	M Squared Construction, Inc.	Holloway Green Street Stormwater Improvements	\$ 5,591,892
6/24/14	WW-572R	Cal State Constructors	Westside Pump Station Discharge Pipe Manifold Upgrade	\$ 4,145,047
1/28/14	WW-556	NTK Construction, Inc.	SEP Chemical System Relocation and Facility Upgrades	\$ 14,025,000
12/11/12	WW-541	NTK Construction, Inc.	SEP Oxygen Generation Plant Replacement	\$ 9,476,360
4/24/12	WW-483RR	K.J. Woods Construction, Inc.	N. Shore to Channel Force Main Improvements	\$ 15,488,000
<b>Total Contract Award of these 12 SSIP projects</b>				<b>\$ 356,277,536</b>

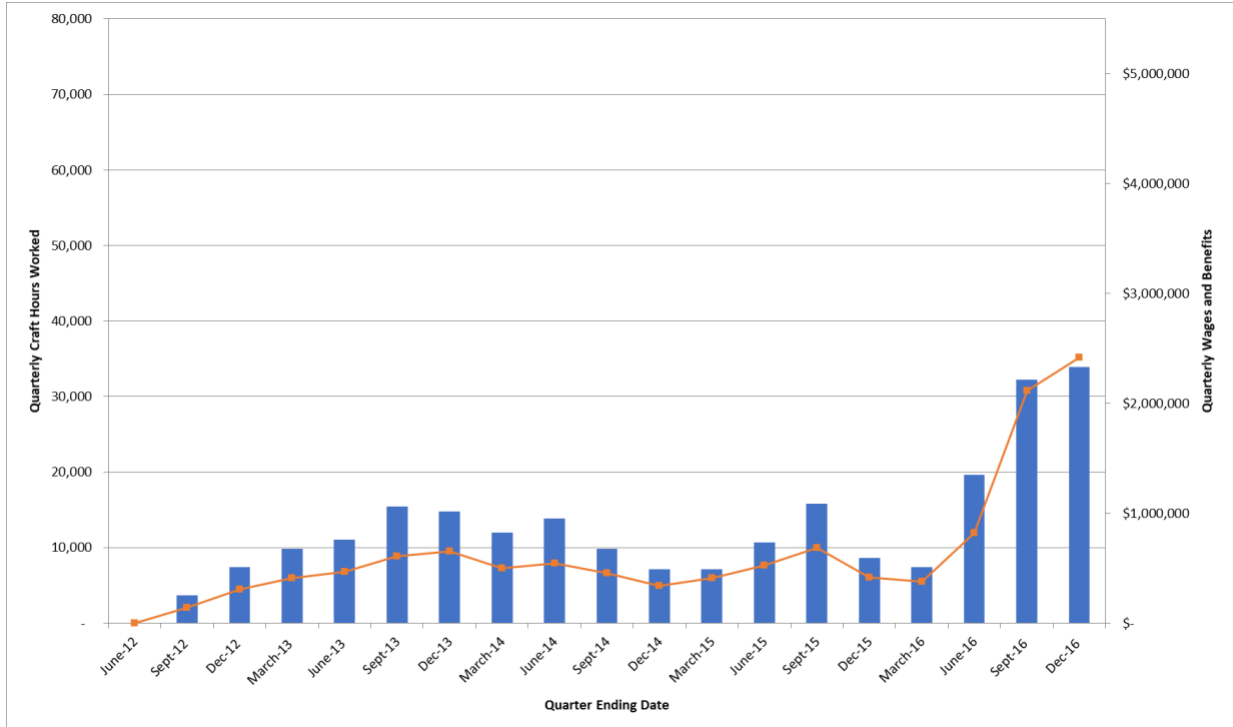
San Francisco Public Utilities Commission  
 Sewer System Improvement Program Project Labor Agreement Quarterly Report  
 Second Quarter FY 2016-2017

## Summary Tables and Charts

### Craft Data

- During the quarter, construction workers worked 33,918 hours and earned \$2.42 million in wages and benefits.

**Chart 1. Craft Hours and Wages**





San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Second Quarter FY 2016-2017

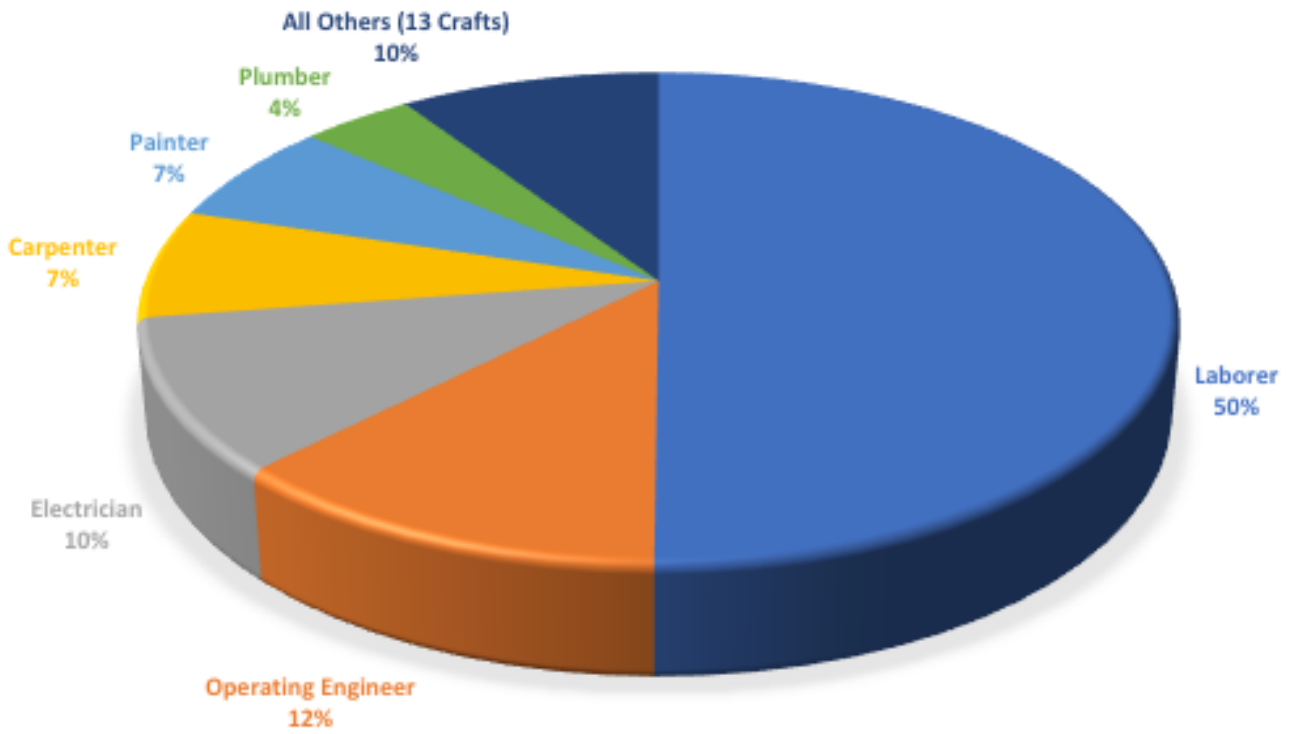
- On SSIP, 715 construction workers worked 235,541 construction craft hours and earned \$15,518,294 in wages and benefits.
- Laborers, Operating Engineers, Electricians, Carpenters, Painters, and Plumbers worked approximately **91.0%** of all hours worked on SSIP, with over 213,000 combined hours worked.

**Table 4. Craft Utilization Table**

<b>Cumulative Employment by Craft</b>				
<b>Inception Through December 31, 2016</b>				
<b>Craft</b>	<b>Total Hours</b>	<b>Total Wages</b>	<b>% Craft Hours of Total Hours</b>	<b>% Wages of Total Wages</b>
Laborer	118,042	\$ 5,859,192	50.1%	37.8%
Operating Engineer	29,046	\$ 3,142,908	12.3%	20.3%
Electrician	23,914	\$ 1,918,111	10.2%	12.4%
Carpenter	16,928	\$ 1,133,505	7.2%	7.3%
Painter	15,920	\$ 1,037,739	6.8%	6.7%
Plumber	9,564	\$ 1,028,686	4.1%	6.6%
<b>Top 6 Crafts Sub-Total</b>	<b>213,413</b>	<b>\$ 14,120,141</b>	<b>90.6%</b>	<b>91.0%</b>
Field Surveyor	4,771	\$ 274,594	2.0%	1.8%
Cement Mason	4,408	\$ 243,426	1.9%	1.6%
Sheet Metal Worker	1,824	\$ 164,666	0.8%	1.1%
Iron Worker	1,252	\$ 86,763	0.5%	0.6%
Building/Construction Inspector	472	\$ 30,169	0.2%	0.2%
Pile Driver	409	\$ 25,692	0.2%	0.2%
Asbestos Worker	327	\$ 22,744	0.1%	0.1%
Drywall Installer/Lather	88	\$ 6,557	0.0%	0.0%
Metal Roofing Systems Installer	88	\$ 6,371	0.0%	0.0%
Rofer	20	\$ 1,009	0.0%	0.0%
<b>Remaining Apprenticeable Sub-Total</b>	<b>13,658</b>	<b>\$ 861,991</b>	<b>5.8%</b>	<b>5.6%</b>
Tunnel Worker	5,057	\$ 308,584	2.1%	2.0%
Teamster	2,276	\$ 123,721	1.0%	0.8%
Driver	1,138	\$ 103,857	0.5%	0.7%
<b>Total Non-Apprenticeable</b>	<b>8,470</b>	<b>\$ 536,162</b>	<b>3.6%</b>	<b>3.5%</b>
<b>Grand Total</b>	<b>235,541</b>	<b>\$ 15,518,294</b>	<b>100.0%</b>	<b>100.0%</b>

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Second Quarter FY 2016-2017

**Chart 2. Craft Utilization Pie Chart**

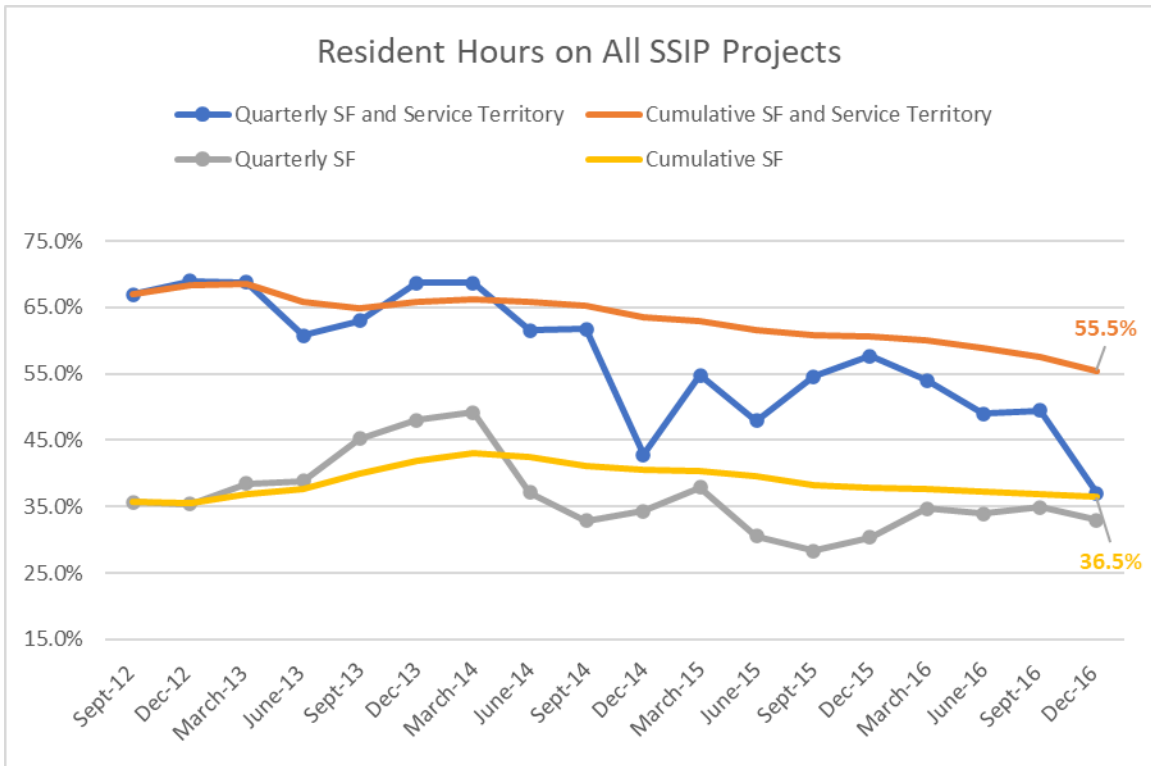


San Francisco Public Utilities Commission  
 Sewer System Improvement Program Project Labor Agreement Quarterly Report  
 Second Quarter FY 2016-2017

Worker Residence Data

- Combined, San Francisco and SFPUC Regional Service Territory residents worked **55.5%** of all construction craft hours on SSIP to date.

**Chart 3. Worker Residence Quarterly and Cumulative**



San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Second Quarter FY 2016-2017

- San Francisco’s 237 workers worked **38.5%** of all the construction hours on SSIP through the reporting period, as reported in the City’s online certified payroll reporting system, LCPtracker, Inc.
- San Francisco construction workers have earned approximately \$6.5 million in wages and benefits.

**Table 5. Worker Residence by County**

<b>SSIP-PLA Employment by Top 20 Counties of Residence</b>				
Inception Through December 31, 2016				
<b>County</b>	<b>Total Craft Hours</b>	<b>Wages</b>	<b>% Craft Hours</b>	<b>Worker Count</b>
San Francisco County	90,639	\$ 6,504,034	38.5%	237
Alameda County	35,150	\$ 1,956,666	14.9%	107
Contra Costa County	28,411	\$ 2,065,918	12.1%	93
San Mateo County	16,655	\$ 1,030,224	7.1%	62
Solano County	15,384	\$ 840,713	6.5%	64
San Joaquin County	6,702	\$ 419,331	2.8%	18
Kern County	6,404	\$ 403,628	2.7%	6
Sonoma County	4,911	\$ 313,757	2.1%	11
Marin County	4,813	\$ 247,796	2.0%	4
Sacramento County	3,285	\$ 198,248	1.4%	16
Merced County	2,862	\$ 194,453	1.2%	6
Fresno County	2,552	\$ 141,597	1.1%	3
Santa Clara County	2,541	\$ 151,456	1.1%	19
Napa County	2,339	\$ 156,154	1.0%	4
Riverside County	2,265	\$ 155,663	1.0%	9
Clark County	1,960	\$ 147,701	0.8%	4
Placer County	1,083	\$ 105,408	0.5%	6
Yolo County	1,063	\$ 61,156	0.5%	4
Tulare County	1,046	\$ 45,798	0.4%	2
San Bernardino County	942	\$ 65,509	0.4%	7
<b>Top 20 Counties by Hours</b>	<b>231,004</b>	<b>\$ 15,205,211</b>	<b>98.1%</b>	<b>682</b>
All Other Counties	4,537	\$ 313,083	1.9%	33
<b>Grand Total</b>	<b>235,541</b>	<b>\$ 15,518,294</b>	<b>100.0%</b>	<b>715</b>

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Second Quarter FY 2016-2017

The table below represents San Francisco’s ZIP Codes where the workers reside. On SSIP, workers currently reside in 25 of San Francisco’s total 30 ZIP Codes.

- Total hours worked by San Francisco residents on SSIP to date is approximately 90,600 hours.
- Workers living in the Southeast sector of the city, ZIP Codes 94124 (Bayview Hunters Point) and 94134 (Visitacion Valley and Portola) have worked more than 28,992 hours.
- Apprentices living in 94124 have worked more than one third of all SF apprentice hours (35.9%).

**Table 6. SF Journey And Apprentice Hours by ZIP Code**

Zip Code	Neighborhoods	Apprentice Hours	Journey Hours	Total Hours	Worker Count (Not Unique)
94124	Bayview Hunters Point	9,870	11,439	21,309	53
94116	Sunset District, West Portal, Forest Hill	1,861	10,939	12,800	22
94110	Mission, Bernal Heights	5,561	6,391	11,952	26
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	939	8,093	9,032	33
94134	Visitacion Valley, Portola	1,058	6,625	7,683	21
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	2,489	3,050	5,539	7
94132	Lake Merced, Merced Heights, San Francisco State	345	3,492	3,837	8
94122	Inner Sunset, Outer Sunset	656	3,152	3,808	12
94107	SOMA, Dog Patch, Protrero Hill	716	2,203	2,919	12
94133	Chinatown, Telegraph Hill, North Beach, Fisherman's Wharf	8	2,779	2,787	4
94142	Tenderloin		1,505	1,505	2
94121	Outer Richmond	443	920	1,362	4
94102	Hayes Valley, Civic Center, Tenderloin	830	324	1,154	5
94103	SOMA	530	485	1,015	5
94130	Treasure Island	829	74	903	2
94114	Castro, Noe Valley	632	38	670	2
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason		571	571	2
94120	SOMA	176	291	467	3
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA	8	416	424	5
94108	Chinatown, Union Square	350	54	404	4
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park		190	190	1
94105	SOMA, Embarcadero	171		171	1
94104	Financial District		60	60	1
94158	Mission Bay	48		48	1
94127	Balboa Terrace, St. Francis Wood, West Portal		33	33	1
<b>Grand Total</b>		<b>27,518</b>	<b>63,122</b>	<b>90,639</b>	<b>237</b>

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Second Quarter FY 2016-2017

- Laborers living in San Francisco have worked nearly half (**48.6%**) of all San Francisco hours.
- San Francisco apprentice Laborers have worked **53.6%** of the 27,518 total hours worked by San Francisco apprentices.

**Table 7. Worker Residence by Craft**

		Craft							SSIP Total
		Laborer	Electrician	Operating Engineer	Carpenter	Painter	Plumber	All Others	
<b>T o t a l</b>	<b>Total Hours</b>	<b>118,042</b>	<b>23,914</b>	<b>29,046</b>	<b>16,928</b>	<b>15,920</b>	<b>9,564</b>	<b>22,128</b>	<b>235,541</b>
	<b>Total %</b>	50.1%	10.2%	12.3%	7.2%	6.8%	4.1%	9.4%	
	<b>San Francisco Hours</b>	<b>44,018</b>	<b>11,579</b>	<b>15,836</b>	<b>4,299</b>	<b>2,609</b>	<b>5,277</b>	<b>7,022</b>	<b>90,639</b>
	<b>Total % of San Francisco Hours</b>	48.6%	12.8%	17.5%	4.7%	2.9%	5.8%	7.7%	
	<b>Regional Service Territory Hours</b>	<b>24,343</b>	<b>1,371</b>	<b>4,623</b>	<b>3,095</b>	<b>2,069</b>	<b>1,884</b>	<b>5,966</b>	<b>43,350</b>
	<b>Total % of Regional Service Territory Hours</b>	56.2%	3.2%	10.7%	7.1%	4.8%	4.3%	13.8%	
		Laborer	Electrician	Operating Engineer	Carpenter	Painter	Plumber	All Others	SSIP Total
<b>A p p r e n t i c e</b>	<b>Total Hours</b>	<b>17,164</b>	<b>6,459</b>	<b>979</b>	<b>3,652</b>	<b>4,384</b>	<b>792</b>	<b>3,023</b>	<b>36,453</b>
	<b>Total %</b>	47.1%	17.7%	2.7%	10.0%	12.0%	2.2%	8.3%	
	<b>San Francisco Hours</b>	<b>14,748</b>	<b>6,320</b>	<b>947</b>	<b>1,334</b>	<b>1,500</b>	<b>792</b>	<b>1,877</b>	<b>27,518</b>
	<b>Total % of San Francisco Hours</b>	53.6%	23.0%	3.4%	4.8%	5.5%	2.9%	6.8%	
	<b>Regional Service Territory Hours</b>	<b>658</b>	<b>140</b>	<b>32</b>	<b>963</b>	<b>-</b>	<b>-</b>	<b>649</b>	<b>2,441</b>
	<b>Total % of Regional Service Territory Hours</b>	26.9%	5.7%	1.3%	39.5%	0.0%	0.0%	26.6%	

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Second Quarter FY 2016-2017

- The overall participation rate of San Francisco workers on SSIP projects is currently **38.5%**.
- Workers living in San Francisco worked approximately three of every four hours worked on project WW-541 SEP Oxygen Generation Plant Replacement.

**Table 8. Worker Residence by Project**

Sorted by San Francisco Percent of Total Project Hours

Project	Hours				% of Total Project Hours		
	Outside	San Francisco	Service Territory	Grand Total	Outside	San Francisco	Service Territory
WW-541 Southeast Water Pollution Control Plant Oxygen Generation Plant Replacement	2,225	8,580	705	11,509	19.3%	74.5%	6.1%
WW-609R Holloway Green Street Stormwater Improvements	3,959	7,957	1,539	13,454	29.4%	59.1%	11.4%
WW-572R Westside Pump Station Discharge Pipe Manifold	3,137	5,076	477	8,689	36.1%	58.4%	5.5%
WW-483RR North Shore to Channel Force Main Improvement and Pavement Renovation	38,197	41,603	25,882	105,681	36.1%	39.4%	24.5%
WW-556 Southeast Water Pollution Control Plant Chemical System Relocation and Facility Upgrades	18,303	12,971	2,404	33,678	54.3%	38.5%	7.1%
WW-605R Mission and Valencia Streets Green Gateway	8,104	5,401	4,452	17,957	45.1%	30.1%	24.8%
WW-626 Southeast Water Pollution Control Plant Primary and Secondary Clarifier Upgrades	15,200	6,423	6,300	27,923	54.4%	23.0%	22.6%
WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades	12,427	2,631	1,594	16,651	74.6%	15.8%	9.6%
<b>Grand Total</b>	<b>101,552</b>	<b>90,639</b>	<b>43,350</b>	<b>235,541</b>	<b>43.1%</b>	<b>38.5%</b>	<b>18.4%</b>

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Second Quarter FY 2016-2017

**Apprentice Data**

The State of California’s Division of Apprenticeship Standards requires apprentices be utilized in the ratios applicable for each craft, generally one apprentice hour to every five journey hours.

- On SSIP to date, **16.1%** of all craft hours in apprenticeable trades have been worked by apprentices.
- Through the reporting period, Laborer apprentices have worked **14.5%** of their 118,000 total hours worked.
- Laborers represent **50.1%** of all craft hours worked on SSIP, and **47.1%** of all apprentice hours worked.

**Table 9. Apprentice Utilization by Craft**

Craft	Apprentice Hours	Journey Hours	Grand Total	Apprentice Percentage of Craft Total
Pile Driver	247	162	409	60.4%
Metal Roofing Systems Installer	48	40	88	54.5%
Asbestos Worker	128	199	327	39.1%
Sheet Metal Worker	514	1,310	1,824	28.2%
Painter	4,384	11,536	15,920	27.5%
Electrician	6,459	17,455	23,914	27.0%
Carpenter	3,652	13,276	16,928	21.6%
Field Surveyor	1,004	3,767	4,771	21.0%
Cement Mason	857	3,551	4,408	19.4%
Iron Worker	225	1,027	1,252	18.0%
Laborer	17,164	100,878	118,042	14.5%
Plumber	792	8,772	9,564	8.3%
Operating Engineer	979	28,067	29,046	3.4%
Building/Construction Inspector		472	472	0.0%
Drywall Installer/Lather		88	88	0.0%
Roofer		20	20	0.0%
<b>Apprenticeable Sub-total</b>	<b>36,453</b>	<b>190,618</b>	<b>227,071</b>	<b>16.1%</b>
Tunnel Worker*		5,057	5,057	0.0%
Teamster*		2,276	2,276	0.0%
Driver*		1,138	1,138	0.0%
<b>Grand Total</b>	<b>36,453</b>	<b>199,088</b>	<b>235,541</b>	<b>15.5%</b>
*Non-Apprenticable Trade				



San Francisco Public Utilities Commission  
 Sewer System Improvement Program Project Labor Agreement Quarterly Report  
 Second Quarter FY 2016-2017

- Overall, with more than 235,500 total craft hours worked, SSIP projects have an apprentice utilization rate of **15.5%** through the reporting period.
- With the most total apprentice hours on SSIP through the reporting period, project WW-483RR North Shore to Channel Force Main Improvement and Pavement Renovation has 14,364 apprentice hours, which equates to **13.6%** of the project's total hours.

**Table 10. Apprentice Utilization by Project**

Project Name	Apprentice Hours	Journey Hours	Grand Total	Apprentice Utilization %
WW-572R Westside Pump Station Discharge Pipe Manifold	1,906	6,784	8,689	21.9%
WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades	3,631	13,020	16,651	21.8%
WW-556 Southeast Water Pollution Control Plant Chemical System Relocation and Facility Upgrades	6,611	27,067	33,678	19.6%
WW-626 Southeast Water Pollution Control Plant Primary and Secondary Clarifier Upgrades	4,690	23,233	27,923	16.8%
WW-605R Mission and Valencia Streets Green Gateway	2,624	15,333	17,957	14.6%
WW-541 Southeast Water Pollution Control Plant Oxygen Generation Plant Replacement	1,566	9,943	11,509	13.6%
WW-483RR North Shore to Channel Force Main Improvement and Pavement Renovation	14,364	91,318	105,681	13.6%
WW-609R Holloway Green Street Stormwater Improvements	1,063	12,391	13,454	7.9%
<b>Grand Total</b>	<b>36,453</b>	<b>199,088</b>	<b>235,541</b>	<b>15.5%</b>

## **Substance Abuse Prevention Program and Safety**

The PLA requires pre-employment alcohol and drug testing for all covered employees. The policy also allows testing where the contractor has reasonable cause to believe that the employee has used drugs or alcohol, and mandates testing where a contractor concludes that an employee was under the influence of drugs or alcohol at the time of an accident.

All contracts awarded since the passing of the Extension Agreement had not started craft work on site and therefore, no pre-employment tests have been administered on SSIP during this reporting period.

## **History of the WSIP PLA and SSIP Extension Agreement**

On April 8, 2003, the San Francisco Board of Supervisors adopted Resolution 223-03 urging the San Francisco Public Utilities Commission (SFPUC) to develop plans for a Project Labor Agreement (PLA) covering the capital improvement program to rehabilitate, repair, and upgrade the Hetch Hetchy Water System.

On May 20, 2003 the San Francisco Board of Supervisors adopted Resolution 350-03 urging the SFPUC to include social justice components in the PLA covering the Hetch Hetchy Water System upgrade.

On May 11, 2006 the San Francisco Board of Supervisors amended the San Francisco Administrative Code to establish a Small Firm Advisory Committee to provide for the certification of small construction contractors located outside San Francisco and within the SFPUC service territory for work on SFPUC construction projects, including those covered by the PLA.

On March 28, 2006 the SFPUC adopted Resolution No. 06-0049 to authorize SFPUC staff to commence negotiations with the various craft labor unions for a project labor agreement covering the Water System Improvement Program (WSIP). Resolution No. 06-0049 concluded that the governmental interests of the SFPUC were furthered by a project labor agreement as follows:

“There are numerous advantages in moving forward on the negotiation of a PLA, which include but are not limited to the following: creates framework for labor harmony; militates against construction delays; assures steady supply of qualified labor; provides employment, career, and local business opportunities; and, other benefits ...”

On March 26, 2007, the SFPUC approved the negotiated agreement. The PLA requires construction contractors to utilize workers dispatched by signatory unions, and prohibits the unions and contractors from participating in strikes, lockouts, or other disruptions to the work. The PLA provides a procedure for adjudicating conflicting jurisdictional claims between the unions, provides for uniform hours of work, overtime, shifts and holidays, encourages the recruitment and training of low-income residents of the SFPUC service territory, and requires substance abuse testing for all covered workers. The first implementation of the PLA was on contract WD-2504 Stanford Heights Reservoir Seismic Retrofit and Improvement project which the SFPUC awarded to S.J. Amoroso Construction Co. Inc. on Jun. 26, 2007 in the amount of \$17,899,960.

In 2008, the Commission approved Addendum No. 1 of the Agreement, which extended the Agreement to the Advanced Meter Infrastructure (AMI) project.

In May 2016, the Commission approved an Extension Agreement which applied the terms of the PLA, as modified in that Extension Agreement, to Sewer System Improvement Program (SSIP) projects and specific AWSS Pumping Station 2 projects.

## **Governance and Certified Payroll Reporting System**

The parties to the PLA have established a four-person Joint Administrative Committee that reviews the implementation and progress of the PLA, and provides guidance to questions or concerns that arise in connection with the PLA. The SFPUC's Workforce and Economic Programs team within the Infrastructure Division administers the PLA under the direction of the Joint Administrative Committee.

Prior to the commencement of construction, representatives of participating contractors and subcontractors, the unions, and SFPUC staff, are required to attend a Pre-Job Conference. At the conference, the general contractor and subcontractors present their scope of work and make assignments based on traditional craft jurisdictional lines. When conflicting claims for work are submitted to a contractor, the corresponding Jurisdictional Dispute Resolution procedure appropriate to the trades involved is invoked so as to prevent delay or disruption of work.

All SFPUC construction projects utilize the City's authorized web-based labor compliance reporting program, LCPtracker, Inc. The data from the certified payrolls records collected by LCPtracker, Inc. are used to produce the information included in this report.



**SEWER  
SYSTEM**  
IMPROVEMENT PROGRAM  
Grey. Green. Clean.

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# **Sewer System Improvement Program Project Labor Agreement Quarterly Report**

**January 1, 2017 Ending March 31, 2017  
(Third Quarter FY 2016-2017)**

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SFPUC  
Infrastructure Division  
Workforce and Economic Program Services Bureau  
525 Golden Gate Avenue, 9th Floor  
San Francisco, CA 94102

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Third Quarter FY 2016-2017

**Table of Contents**

<b>Definitions .....</b>	<b>3</b>
<b>Wastewater Enterprise.....</b>	<b>3</b>
<b>Executive Summary.....</b>	<b>4</b>
Table 1. Worker Highlights – Total Program .....	4
Table 2. Summary of Craft Worker Employment During the Quarter .....	5
Table 3. List of SSIP Construction Contracts .....	5
<b>Summary Tables and Charts .....</b>	<b>6</b>
<b>Craft Data .....</b>	<b>6</b>
Chart 1. Craft Hours and Wages .....	6
Table 4. Craft Utilization Table .....	7
Chart 2. Craft Utilization Pie Chart .....	8
Chart 3. Worker Residence Quarterly and Cumulative .....	9
<b>Table 5. Worker Residence by County.....</b>	<b>10</b>
Table 6. SF Journey and Apprentice Hours by ZIP Code .....	11
Table 7. Worker Residence by Craft .....	12
Table 8. Worker Residence by Project.....	13
<b>Apprentice Data.....</b>	<b>14</b>
Table 9. Apprentice Utilization by Craft .....	14
Table 10. Apprentice Utilization by Project.....	15
<b>Substance Abuse Prevention Program and Safety .....</b>	<b>16</b>
<b>Legislative History of the WSIP PLA and Extension Agreement .....</b>	<b>17</b>
<b>Governance and Certified Payroll Reporting System.....</b>	<b>18</b>

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Third Quarter FY 2016-2017

## Definitions

<b>City</b>	City and County of San Francisco
<b>OEWD</b>	San Francisco Office of Economic and Workforce Development
<b>OSP</b>	Oceanside Water Pollution Control Plant
<b>Outside</b>	All ZIP Codes where workers reside not within San Francisco or the San Francisco Public Utilities Commission Service Territory
<b>SEP</b>	Southeast Water Pollution Control Plant
<b>SFPUC</b>	San Francisco Public Utilities Commission
<b>SFPUC Regional Service Territory</b>	265 ZIP Codes (established in San Francisco Public Utilities Commission Local Business Enterprise Program Appendix 1) ranging from Hetch Hetchy Reservoir in Yosemite National Park to the Pacific Ocean that the San Francisco Public Utilities Commission provides services to; excluding San Francisco ZIP Codes
<b>SSIP</b>	Sewer System Improvement Program
<b>WEPS</b>	Workforce and Economic Programs Services Bureau
<b>WWE</b>	Wastewater Enterprise

## Executive Summary

### Contracting and Employment Highlights – Program to Date:

- Sixteen (16) construction contracts, with a combined value of \$386.6 million have been awarded.
- More than 260,000 total craft hours have been worked by 788 workers who have earned nearly \$18 million in wages and benefits on SSIP to date.
- 254 San Francisco residents worked 98,595 of those hours (**37.9%**), and earned approximately \$7.1 million in wages and benefits, exceeding the City’s 30% Local Hiring requirement.
- Residents of the SFPUC’s Regional Service Territory worked more than 47,000 hours (**18.2%**), and earned \$2.9 million in wages and benefits through the reporting period.

**Table 1. Worker Highlights – Total Program**

Region of Worker Residence	Inception Through March 31, 2017		
	Hours	Wages & Benefits	Worker Count
Outside	114,079	\$ 7,281,353	367
San Francisco	98,595	\$ 7,066,849	254
Service Territory	47,458	\$ 2,888,794	167
<b>Grand Total</b>	<b>260,132</b>	<b>\$ 17,236,996</b>	<b>788</b>

### Contracting and Employment Highlights – During the Quarter:

- Four projects were awarded:
  - WW-610R Visitation Valley Green Nodes, to Minerva Construction, in the amount of \$3.5 million
  - WW-653 Marin Street Sewer Replacement, in the amount of \$4.9 million
  - WW-614R2 North Point Outfall Rehabilitation, to The Dutra Group for \$12.5 million; and
  - WW-632 SEP Existing Digester Gas Handling Improvements, for \$9.5 million
- During the quarter, on SSIP overall, 224 craft workers worked more than 24,500 hours, and earned approximately \$1.7 million in wages and benefits.
- 72 San Francisco residents worked nearly 8,000 hours, and earned more than \$560,000 in wages and benefits.
- 55 SFPUC Service Territory residents worked more than 4,000 hours, and earned approximately \$288,500 in wages and benefits.



San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Third Quarter FY 2016-2017

**Table 2. Summary of Craft Worker Employment During the Quarter**

Region of Worker Residence	Three Months Ending March 31, 2017		
	Hours	Wages & Benefits	Worker Count
Outside	12,527	\$ 867,306	97
San Francisco	7,929	\$ 560,825	72
Service Territory	4,107	\$ 288,581	55
<b>Grand Total</b>	<b>24,564</b>	<b>\$ 1,716,713</b>	<b>224</b>

**Table 3. List of SSIP Construction Contracts**

SSIP Construction Contracts				
Inception through March 31, 2017				
Award Date	Contract Number	Prime Contractor	Project	Original Contract Award
2/28/17	WW-610R	Minerva Construction	Visitacion Valley Green Nodes	\$ 3,483,944
2/28/17	WW-653	Ranger Pipelines, Inc.	Marin Street Sewer Replacement	\$ 4,860,250
1/10/17	WW-614R2	The Dutra Group	North Point Outfall Rehabilitation	\$ 12,485,980
1/10/17	WW-632	Monterey Mechanical Company	SEP Existing Digester Gas Handling Improvements	\$ 9,536,000
12/13/16	DB-126	Emerson Process Management	WWE Distributed Control System Upgrades	\$ 20,425,000
12/13/16	WW-606R2	Trinet Construction, Inc.	OSP Door and Building 930 Exterior Awning Improvements	\$ 4,049,000
5/24/16	WW-628	Sundt/Walsh JV	SEP New Headworks Facility	\$ 224,652,224
5/10/16	WW-570	Blocka Construction, Inc.	OSP and Westside Pump Station HVAC Upgrades	\$ 6,138,000
1/26/16	WW-613	Western Water Constructors, Inc.	SEP Building 521/522 and Disinfection Upgrades	\$ 25,750,000
1/12/16	WW-626	Monterey Mechanical Company	SEP Primary and Secondary Clarifier Upgrades	\$ 23,588,000
11/10/15	WW-605R	Anvil Builders	Mission and Valencia Streets Green Gateway	\$ 2,949,013
9/22/15	WW-609R	M Squared Construction, Inc.	Holloway Green Street Stormwater Improvements	\$ 5,591,892
6/24/14	WW-572R	Cal State Constructors	Westside Pump Station Discharge Pipe Manifold Upgrade	\$ 4,145,047
1/28/14	WW-556	NTK Construction, Inc.	SEP Chemical System Relocation and Facility Upgrades	\$ 14,025,000
12/11/12	WW-541	NTK Construction, Inc.	SEP Oxygen Generation Plant Replacement	\$ 9,476,360
4/24/12	WW-483RR	K.J. Woods Construction, Inc.	N. Shore to Channel Force Main Improvements	\$ 15,488,000
<b>Total Contract Award of these 16 SSIP projects</b>				<b>\$ 386,643,710</b>

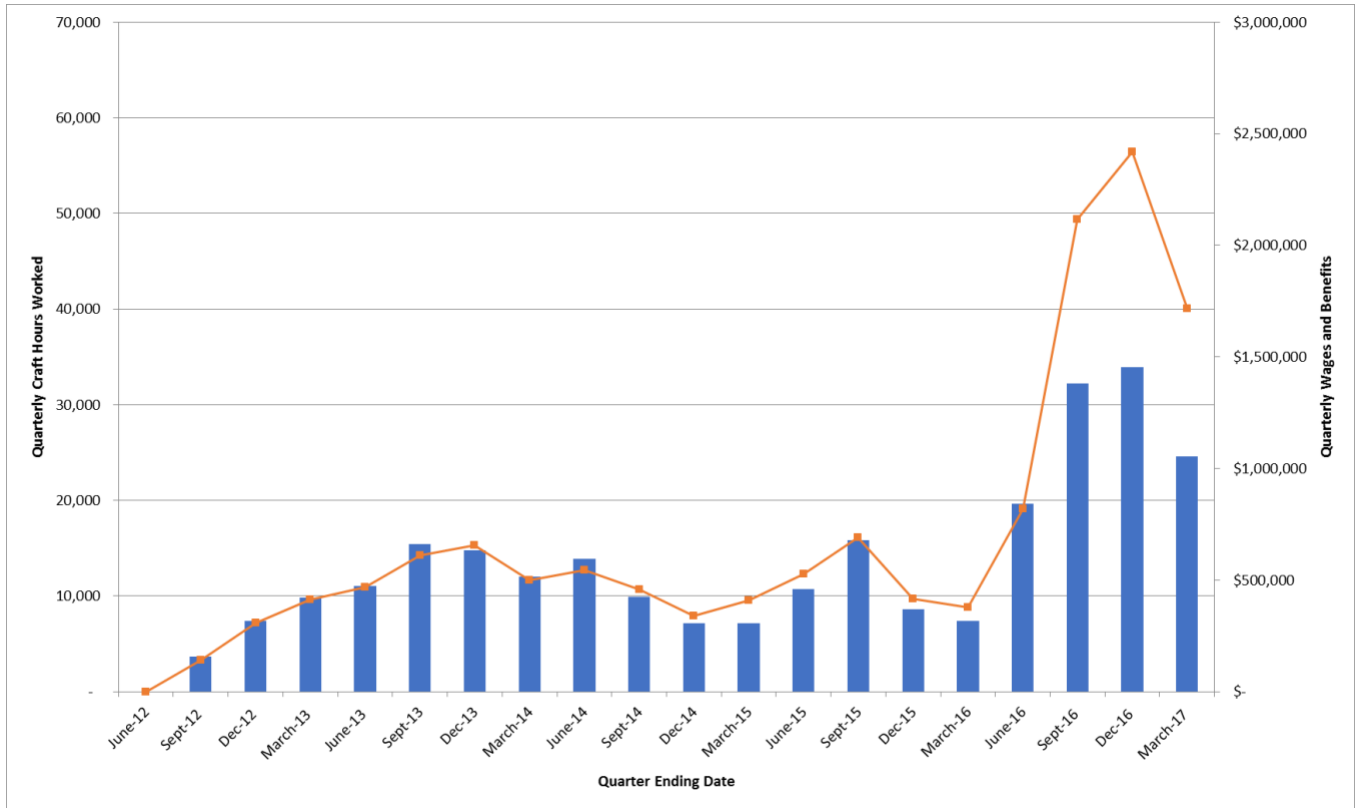
San Francisco Public Utilities Commission  
 Sewer System Improvement Program Project Labor Agreement Quarterly Report  
 Third Quarter FY 2016-2017

## Summary Tables and Charts

### Craft Data

- During the quarter, construction workers worked more than 24,500 hours, and earned approximately \$1.7 million in wages and benefits.

**Chart 1. Craft Hours and Wages**



San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Third Quarter FY 2016-2017

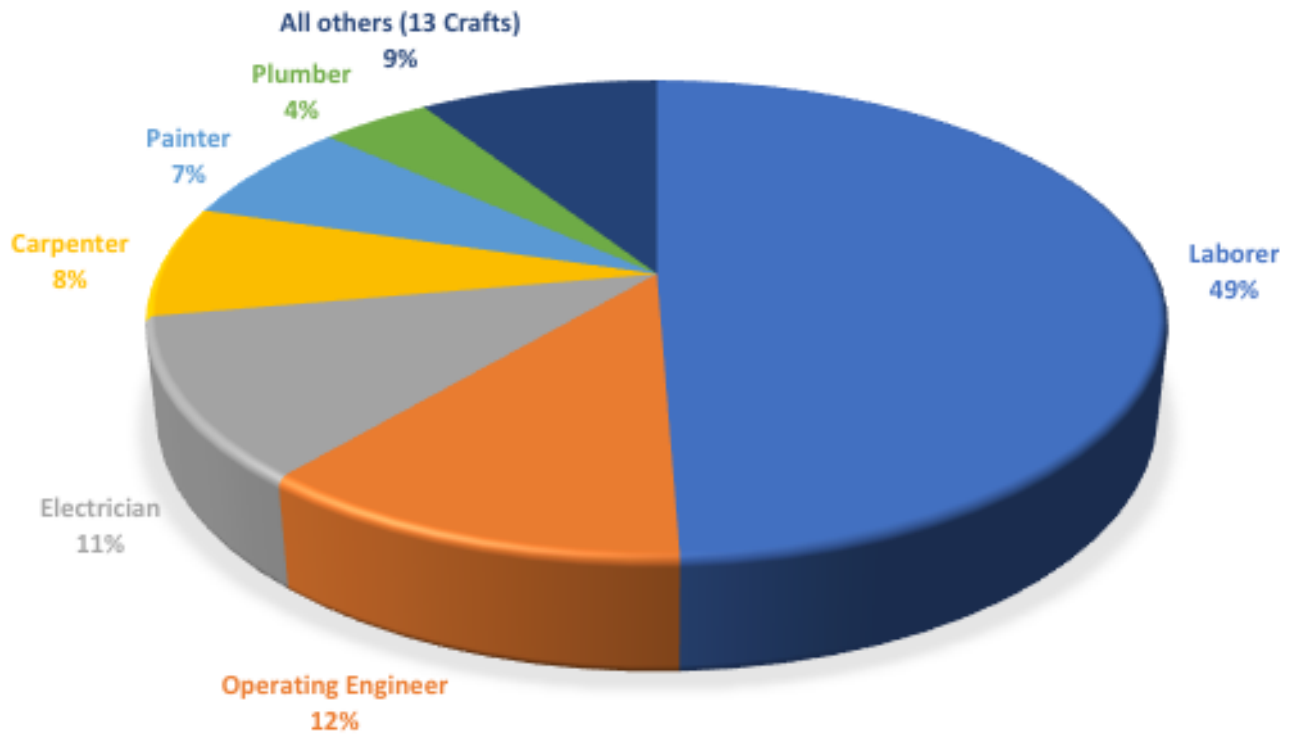
- The top 6 crafts: Laborers, Operating Engineers, Electricians, Carpenters, Painters, and Plumbers worked **90.9%** of all hours on SSIP, with over 236,000 total hours combined.
- Laborers have worked **49.4%** of the SSIP program's more 260,000 total construction hours to date.

**Table 4. Craft Utilization Table**

Craft	Total Hours	Total Wages	% Craft Hours of Total Hours	% Wages of Total Wages
Laborer	128,509	\$ 6,451,135	49.4%	37.4%
Operating Engineer	30,736	\$ 3,276,273	11.8%	19.0%
Electrician	28,433	\$ 2,301,354	10.9%	13.4%
Carpenter	19,682	\$ 1,326,599	7.6%	7.7%
Painter	18,242	\$ 1,187,654	7.0%	6.9%
Plumber	10,883	\$ 1,175,515	4.2%	6.8%
<b>Top 6 Crafts Sub-Total</b>	<b>236,485</b>	<b>\$ 15,718,530</b>	<b>90.9%</b>	<b>91.2%</b>
Cement Mason	4,800	\$ 266,939	1.8%	1.5%
Field Surveyor	4,771	\$ 274,594	1.8%	1.6%
Sheet Metal Worker	2,362	\$ 219,861	0.9%	1.3%
Iron Worker	1,659	\$ 112,401	0.6%	0.7%
Building/Construction Inspector	591	\$ 41,694	0.2%	0.2%
Pile Driver	409	\$ 25,692	0.2%	0.1%
Asbestos Worker	327	\$ 22,744	0.1%	0.1%
Drywall Installer/Lather	88	\$ 6,557	0.0%	0.0%
Metal Roofing Systems Installer	88	\$ 6,371	0.0%	0.0%
Roofer	66	\$ 4,141	0.0%	0.0%
<b>Remaining Apprenticeable Sub-Total</b>	<b>15,160</b>	<b>\$ 980,994</b>	<b>5.8%</b>	<b>5.7%</b>
Tunnel Worker	5,057	\$ 308,584	1.9%	1.8%
Teamster	2,292	\$ 125,031	0.9%	0.7%
Driver	1,138	\$ 103,857	0.4%	0.6%
<b>Total Non-Apprenticeable</b>	<b>8,486</b>	<b>\$ 537,472</b>	<b>3.3%</b>	<b>3.1%</b>
<b>Grand Total</b>	<b>260,132</b>	<b>\$ 17,236,996</b>	<b>100.0%</b>	<b>100.0%</b>

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Third Quarter FY 2016-2017

**Chart 2. Craft Utilization Pie Chart**

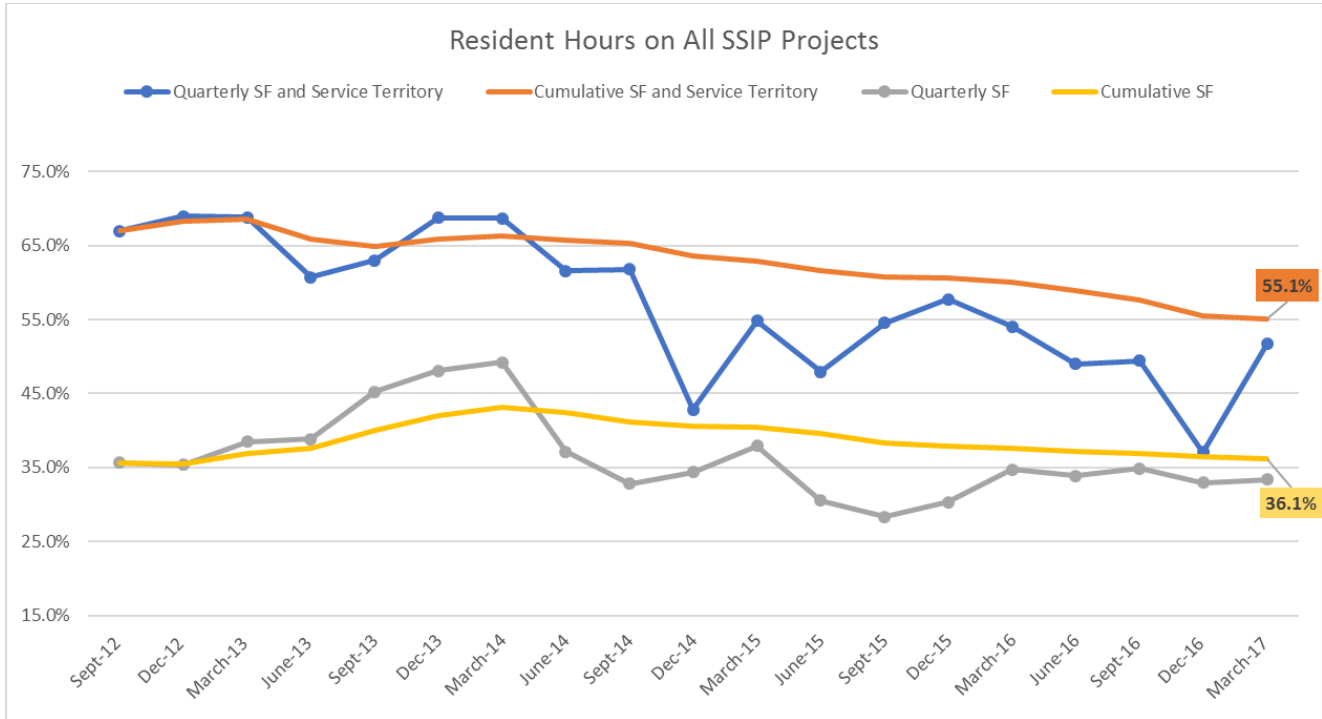


San Francisco Public Utilities Commission  
 Sewer System Improvement Program Project Labor Agreement Quarterly Report  
 Third Quarter FY 2016-2017

**Worker Residence Data**

- Combined, San Francisco and SFPUC Regional Service Territory residents worked **55.1%** of all construction craft hours on SSIP to date.

**Chart 3. Worker Residence Quarterly and Cumulative**



San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Third Quarter FY 2016-2017

- San Francisco’s 254 workers worked **37.9%** of all the construction hours on SSIP through the March 31, 2017.
- San Francisco construction workers on SSIP have earned more than \$7 million in wages and benefits.
- In total, more than \$17 million in wages and benefits have been earned by construction craft workers on SSIP to date.

**Table 5. Worker Residence by County**

<b>SSIP-PLA Employment by Top 20 Counties of Residence</b>				
<b>Inception Through March 31, 2017</b>				
<b>County</b>	<b>Total Craft Hours</b>	<b>Wages</b>	<b>% Craft Hours</b>	<b>Worker Count</b>
San Francisco County	98,595	\$ 7,066,849	37.9%	254
Alameda County	36,650	\$ 2,070,492	14.1%	118
Contra Costa County	33,248	\$ 2,418,653	12.8%	104
San Mateo County	17,857	\$ 1,127,534	6.9%	67
Solano County	16,980	\$ 937,079	6.5%	67
San Joaquin County	7,734	\$ 487,077	3.0%	25
Kern County	6,404	\$ 403,628	2.5%	6
Sonoma County	5,687	\$ 366,194	2.2%	11
Marin County	5,239	\$ 270,494	2.0%	4
Merced County	4,146	\$ 279,354	1.6%	7
Fresno County	3,574	\$ 200,414	1.4%	3
Sacramento County	3,411	\$ 206,989	1.3%	18
Napa County	3,316	\$ 218,048	1.3%	4
Santa Clara County	3,220	\$ 196,313	1.2%	24
Riverside County	2,265	\$ 155,663	0.9%	9
Clark County	1,960	\$ 147,701	0.8%	4
Placer County	1,406	\$ 137,807	0.5%	9
Tulare County	1,143	\$ 50,946	0.4%	4
Yolo County	1,093	\$ 63,545	0.4%	5
Madera County	977	\$ 77,592	0.4%	2
<b>Top 20 Counties by Hours</b>	<b>254,902</b>	<b>\$ 16,882,373</b>	<b>98.0%</b>	<b>745</b>
All Other Counties	5,230	\$ 354,624	2.0%	44
<b>Grand Total</b>	<b>260,132</b>	<b>\$ 17,236,996</b>	<b>100%</b>	<b>789</b>

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Third Quarter FY 2016-2017

The table below represents San Francisco’s ZIP Codes where the workers reside. On SSIP, workers currently reside in 25 of San Francisco’s total 30 ZIP Codes.

- Total hours worked by San Francisco residents on SSIP to date is approximately 98,600 hours.
- Workers living in the Southeast sector of the city, ZIP Codes 94124 (Bayview Hunters Point) and 94134 (Visitacion Valley and Portola) have worked 31,246 hours.
- Apprentices living in 94124 have worked nearly 4 of every 10 San Francisco apprentice hours (38.9%).
- Residents who live in the 94116 Zip Code (Sunset District, West Portal, and Forest Hill) have the second most total hours worked by San Francisco residents. These hours represent approximately 13.3% of all hours worked by San Francisco residents.

**Table 6. SF Journey and Apprentice Hours by ZIP Code**

Zip Code	Neighborhoods	Apprentice Hours	Journey Hours	Total Hours	Worker Count (Not Unique)
94124	Bayview Hunters Point	10,650	12,733	23,382	55
94116	Sunset District, West Portal, Forest Hill	1,865	11,296	13,161	23
94110	Mission, Bernal Heights	5,693	7,372	13,065	27
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	939	9,655	10,594	37
94134	Visitacion Valley, Portola	1,058	6,806	7,864	21
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	2,854	3,061	5,915	8
94132	Lake Merced, Merced Heights, San Francisco State	566	3,798	4,364	9
94122	Inner Sunset, Outer Sunset	666	3,290	3,956	13
94107	SOMA, Dog Patch, Protrero Hill	722	2,306	3,028	13
94133	Chinatown, Telegraph Hill, North Beach, Fisherman's Wharf	8	2,782	2,790	5
94121	Outer Richmond	587	1,174	1,760	5
94142	Tenderloin		1,505	1,505	2
94130	Treasure Island	1,307	74	1,381	2
94102	Hayes Valley, Civic Center, Tenderloin	896	324	1,220	5
94114	Castro, Noe Valley	1,021	38	1,059	2
94103	SOMA	530	507	1,037	6
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason		649	649	3
94120	SOMA	176	291	467	3
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA	8	416	424	5
94108	Chinatown, Union Square	350	54	404	4
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park		222	222	2
94105	SOMA, Embarcadero	171		171	1
94104	Financial District	32	68	100	1
94158	Mission Bay	48		48	1
94127	Balboa Terrace, St. Francis Wood, West Portal		33	33	1
<b>Grand Total</b>		<b>30,144</b>	<b>68,451</b>	<b>98,595</b>	<b>254</b>

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Third Quarter FY 2016-2017

- San Francisco Laborers have worked **46.9%** of San Francisco’s 98,595 total hours on SSIP.
- Laborers have worked nearly half of all hours on SSIP, at **49.4%**.
- San Francisco apprentice Laborers have worked half (**50.9%**) of the 30,144 total hours worked by San Francisco apprentices.
- San Francisco apprentice Electricians have the second most apprentice hours worked on SSIP, with **24.2%** of all hours worked by San Francisco resident apprentices.

**Table 7. Worker Residence by Craft**

		Craft							SSIP Total
		Laborer	Operating Engine	Electrician	Carpenter	Painter	Plumber	All Others	
Total	Total Hours	128,509	30,736	28,433	19,682	18,242	10,883	23,647	260,132
	Total %	49.4%	11.8%	10.9%	7.6%	7.0%	4.2%	9.1%	
	San Francisco Hours	46,287	16,849	13,726	4,350	3,683	6,016	7,685	98,595
	Total % of San Francisco Hours	46.9%	17.1%	13.9%	4.4%	3.7%	6.1%	7.8%	
	Regional Service Territory Hours	26,289	5,000	2,246	3,236	2,571	1,936	6,180	47,458
	Total % of Regional Service Territory Hours	55.4%	10.5%	4.7%	6.8%	5.4%	4.1%	13.0%	
		Laborer	Electrician	Painter	Carpenter	Operating Engine	Plumber	All Others	SSIP Total
Apprentice	Total Hours	18,044	7,432	5,149	4,066	1,137	1,079	3,216	40,122
	Total %	45.0%	18.5%	12.8%	10.1%	2.8%	2.7%	8.0%	
	San Francisco Hours	15,338	7,293	1,989	1,366	1,105	1,079	1,975	30,144
	Total % of San Francisco Hours	50.9%	24.2%	6.6%	4.5%	3.7%	3.6%	6.6%	
	Regional Service Territory Hours	658	140	-	963	32	-	736	2,528
	Total % of Regional Service Territory Hours	26.0%	5.5%	0.0%	38.1%	1.3%	0.0%	29.1%	



San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Third Quarter FY 2016-2017

- The overall participation rate of San Francisco workers on SSIP projects is currently **37.9%**.

**Table 8. Worker Residence by Project**

Sorted by San Francisco Percent of Total Project Hours

Project	Hours				% of Total Project Hours		
	Outside	San Francisco	Service Territory	Grand Total	Outside	San Francisco	Service Territory
WW-541 Southeast Water Pollution Control Plant Oxygen Generation Plant Replacement	2,225	8,580	705	11,509	19.3%	74.5%	6.1%
WW-570 - Oceanside Water Pollution Control Plant and Westside Pump Station HVAC Upgrades	209	477	2	688	30.4%	69.3%	0.3%
WW-572R Westside Pump Station Discharge Pipe Manifold	3,378	5,395	490	9,262	36.5%	58.2%	5.3%
WW-609R Holloway Green Street Stormwater Improvements	6,482	9,076	2,286	17,843	36.3%	50.9%	12.8%
WW-483RR North Shore to Channel Force Main Improvement and Pavement Renovation	38,197	41,603	25,882	105,681	36.1%	39.4%	24.5%
WW-556 Southeast Water Pollution Control Plant Chemical System Relocation and Facility Upgrades	19,382	13,856	2,444	35,682	54.3%	38.8%	6.8%
WW-605R Mission and Valencia Streets Green Gateway	8,809	5,943	5,136	19,887	44.3%	29.9%	25.8%
WW-626 Southeast Water Pollution Control Plant Primary and Secondary Clarifier Upgrades	20,522	10,339	8,359	39,220	52.3%	26.4%	21.3%
WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades	14,875	3,329	2,156	20,360	73.1%	16.4%	10.6%
<b>Grand Total</b>	<b>114,079</b>	<b>98,595</b>	<b>47,458</b>	<b>260,132</b>	<b>43.9%</b>	<b>37.9%</b>	<b>18.2%</b>

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Third Quarter FY 2016-2017

**Apprentice Data**

The State of California’s Division of Apprenticeship Standards requires apprentices be utilized in the ratios applicable for each craft, generally one apprentice hour to every five journey hours.

- On SSIP to date, **15.9%** of all craft hours in apprenticeable trades have been worked by apprentices.
- Through the reporting period, Laborer apprentices have worked **14.0%** of their 128,509 total hours worked.
- Laborers represent **49.4%** of all craft hours worked on SSIP, and **44.9%** of all apprentice hours worked.

**Table 9. Apprentice Utilization by Craft**

Craft	Apprentice Hours	Journey Hours	Grand Total	Apprentice Percentage of Craft Total
Pile Driver	247	162	409	60.4%
Metal Roofing Systems Installer	48	40	88	54.5%
Asbestos Worker	128	199	327	39.1%
Painter	5,149	13,094	18,242	28.2%
Electrician	7,432	21,001	28,433	26.1%
Sheet Metal Worker	580	1,782	2,362	24.5%
Field Surveyor	1,004	3,767	4,771	21.0%
Carpenter	4,066	15,616	19,682	20.7%
Cement Mason	903	3,897	4,800	18.8%
Iron Worker	306	1,353	1,659	18.4%
Laborer	18,044	110,465	128,509	14.0%
Plumber	1,079	9,804	10,883	9.9%
Operating Engineer	1,137	29,599	30,736	3.7%
Building/Construction Inspector		591	591	0.0%
Drywall Installer/Lather		88	88	0.0%
Roofer		66	66	0.0%
<b>Apprenticeable Sub-total</b>	<b>40,122</b>	<b>211,523</b>	<b>251,645</b>	<b>15.9%</b>
Tunnel Worker*		5,057	5,057	0.0%
Teamster*		2,292	2,292	0.0%
Driver*		1,138	1,138	0.0%
<b>Grand Total</b>	<b>40,122</b>	<b>220,010</b>	<b>260,132</b>	<b>15.4%</b>
*Non-Apprenticeable Trade				

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Third Quarter FY 2016-2017

- Overall, with more than 260,000 total craft hours worked, SSIP projects have an apprentice utilization rate of **15.4%** through the reporting period.
- With the most total apprentice hours on SSIP through the reporting period, project WW-483RR North Shore to Channel Force Main Improvement and Pavement Renovation has 14,364 apprentice hours, which equates to **13.6%** of the project's total hours.

**Table 10. Apprentice Utilization by Project**

Project Name	Apprentice Hours	Journey Hours	Grand Total	Apprentice Utilization %
WW-570 - Oceanside Water Pollution Control Plant and Westside Pump Station HVAC Upgrades	221	467	688	32.1%
WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades	4,559	15,801	20,360	22.4%
WW-572R Westside Pump Station Discharge Pipe Manifold	1,949	7,313	9,262	21.0%
WW-556 Southeast Water Pollution Control Plant Chemical System Relocation and Facility Upgrades	7,367	28,314	35,682	20.6%
WW-626 Southeast Water Pollution Control Plant Primary and Secondary Clarifier Upgrades	6,246	32,974	39,220	15.9%
WW-605R Mission and Valencia Streets Green Gateway	2,720	17,167	19,887	13.7%
WW-541 Southeast Water Pollution Control Plant Oxygen Generation Plant Replacement	1,566	9,943	11,509	13.6%
WW-483RR North Shore to Channel Force Main Improvement and Pavement Renovation	14,364	91,318	105,681	13.6%
WW-609R Holloway Green Street Stormwater Improvements	1,131	16,712	17,843	6.3%
<b>Grand Total</b>	<b>40,122</b>	<b>220,010</b>	<b>260,132</b>	<b>15.4%</b>

## **Substance Abuse Prevention Program and Safety**

The PLA requires pre-employment alcohol and drug testing for all covered employees. The policy also allows testing where the contractor has reasonable cause to believe that the employee has used drugs or alcohol, and mandates testing where a contractor concludes that an employee was under the influence of drugs or alcohol at the time of an accident.

All contracts awarded since the passing of the Extension Agreement have not started craft work on site and therefore, no pre-employment tests have been administered on SSIP during this reporting period.

## **History of the WSIP PLA and SSIP Extension Agreement**

On April 8, 2003, the San Francisco Board of Supervisors adopted Resolution 223-03 urging the San Francisco Public Utilities Commission (SFPUC) to develop plans for a Project Labor Agreement (PLA) covering the capital improvement program to rehabilitate, repair, and upgrade the Hetch Hetchy Water System.

On May 20, 2003 the San Francisco Board of Supervisors adopted Resolution 350-03 urging the SFPUC to include social justice components in the PLA covering the Hetch Hetchy Water System upgrade.

On May 11, 2006 the San Francisco Board of Supervisors amended the San Francisco Administrative Code to establish a Small Firm Advisory Committee to provide for the certification of small construction contractors located outside San Francisco and within the SFPUC service territory for work on SFPUC construction projects, including those covered by the PLA.

On March 28, 2006 the SFPUC adopted Resolution No. 06-0049 to authorize SFPUC staff to commence negotiations with the various craft labor unions for a project labor agreement covering the Water System Improvement Program (WSIP). Resolution No. 06-0049 concluded that the governmental interests of the SFPUC were furthered by a project labor agreement as follows:

“There are numerous advantages in moving forward on the negotiation of a PLA, which include but are not limited to the following: creates framework for labor harmony; militates against construction delays; assures steady supply of qualified labor; provides employment, career, and local business opportunities; and, other benefits ...”

On March 26, 2007, the SFPUC approved the negotiated agreement. The PLA requires construction contractors to utilize workers dispatched by signatory unions, and prohibits the unions and contractors from participating in strikes, lockouts, or other disruptions to the work. The PLA provides a procedure for adjudicating conflicting jurisdictional claims between the unions, provides for uniform hours of work, overtime, shifts and holidays, encourages the recruitment and training of low-income residents of the SFPUC service territory, and requires substance abuse testing for all covered workers. The first implementation of the PLA was on contract WD-2504 Stanford Heights Reservoir Seismic Retrofit and Improvement project which the SFPUC awarded to S.J. Amoroso Construction Co. Inc. on Jun. 26, 2007 in the amount of \$17,899,960.

In 2008, the Commission approved Addendum No. 1 of the Agreement, which extended the Agreement to the Advanced Meter Infrastructure (AMI) project.

In May 2016, the Commission approved an Extension Agreement which applied the terms of the PLA, as modified in that Extension Agreement, to Sewer System Improvement Program (SSIP) projects and specific AWSS Pumping Station 2 projects.

## **Governance and Certified Payroll Reporting System**

The parties to the PLA have established a four-person Joint Administrative Committee that reviews the implementation and progress of the PLA, and provides guidance to questions or concerns that arise in connection with the PLA. The SFPUC's Workforce and Economic Programs team within the Infrastructure Division administers the PLA under the direction of the Joint Administrative Committee.

Prior to the commencement of construction, representatives of participating contractors and subcontractors, the unions, and SFPUC staff, are required to attend a Pre-Job Conference. At the conference, the general contractor and subcontractors present their scope of work and make assignments based on traditional craft jurisdictional lines. When conflicting claims for work are submitted to a contractor, the corresponding Jurisdictional Dispute Resolution procedure appropriate to the trades involved is invoked so as to prevent delay or disruption of work.

All SFPUC construction projects utilize the City's authorized web-based labor compliance reporting program, LCPtracker, Inc. The data from the certified payrolls records collected by LCPtracker, Inc. are used to produce the information included in this report.



**SEWER  
SYSTEM**  
IMPROVEMENT PROGRAM  
Grey. Green. Clean.

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# **Sewer System Improvement Program Project Labor Agreement Quarterly Report**

**April 1, 2017 through June 30, 2017  
(Fourth Quarter FY 2016-2017)**

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SFPUC  
Infrastructure Division  
Workforce and Economic Program Services Bureau  
525 Golden Gate Avenue, 9th Floor  
San Francisco, CA 94102

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Fourth Quarter FY 2016-2017

**Table of Contents**

<b>Definitions .....</b>	<b>3</b>
<b>Executive Summary .....</b>	<b>4</b>
Table 1. Worker Highlights – Total Program .....	4
Table 2. Summary of Craft Worker Employment During the Quarter .....	5
Table 3. List of SSIP Construction Contracts .....	5
<b>Summary Tables and Charts .....</b>	<b>6</b>
<b>Craft Data .....</b>	<b>6</b>
Chart 1. Craft Hours and Wages .....	6
Table 4. Craft Utilization Table .....	7
Chart 2. Craft Utilization Pie Chart .....	8
Chart 3. Worker Residence Quarterly and Cumulative .....	9
<b>Table 5. Worker Residence by County.....</b>	<b>10</b>
Table 6. SF Journey and Apprentice Hours by ZIP Code .....	11
Table 7. Worker Residence by Craft .....	12
Table 8. Worker Residence by Project.....	13
<b>Apprentice Data.....</b>	<b>14</b>
Table 9. Apprentice Utilization by Craft .....	14
Table 10. Apprentice Utilization by Project.....	15
<b>Substance Abuse Prevention Program and Safety .....</b>	<b>16</b>
Table 11. Workers’ Pre-Employment Clearance Data .....	16
<b>Legislative History of the WSIP PLA and Extension Agreement .....</b>	<b>17</b>
<b>Governance and Certified Payroll Reporting System.....</b>	<b>18</b>



San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Fourth Quarter FY 2016-2017

## Definitions

<b>City</b>	City and County of San Francisco
<b>OEWD</b>	The Office of Economic and Workforce Development of the City and County of San Francisco
<b>OSP</b>	Oceanside Water Pollution Control Plant
<b>Outside</b>	All ZIP Codes where workers reside not within San Francisco or the San Francisco Public Utilities Commission Service Territory
<b>SEP</b>	Southeast Water Pollution Control Plant
<b>SFPUC</b>	San Francisco Public Utilities Commission
<b>SFPUC Regional Service Territory</b>	265 ZIP Codes (established in San Francisco Public Utilities Commission Local Business Enterprise Program Appendix 1) where the San Francisco Public Utilities Commission provides water delivery services; excluding San Francisco ZIP Codes
<b>SSIP</b>	Sewer System Improvement Program
<b>WEPS</b>	Workforce and Economic Programs Services Bureau
<b>WWE</b>	Wastewater Enterprise

## Executive Summary

### Contracting and Employment Highlights – Program to Date:

- Eighteen (18) construction contracts, with a combined value of \$1.3 billion, have been awarded.
- More than 290,000 total craft hours have been worked by 922 workers who have earned nearly \$20 million in wages and benefits on SSIP to date.
- 275 San Francisco residents approximately 106,594 of those hours (**36.4%**), and earned approximately \$7.6 million in wages and benefits, exceeding the City’s 30% Local Hiring requirement.
- Residents of the SFPUC’s Regional Service Territory worked more than 54,000 hours (**18.5%**), and earned nearly \$3.4 million in wages and benefits through the reporting period.

**Table 1. Worker Highlights – Total Program**

Region of Worker Residence	Inception Through June 30, 2017		
	Hours	Wages & Benefits	Worker Count
Outside	131,877	\$ 8,573,578	438
San Francisco	106,594	\$ 7,624,197	275
Service Territory	54,050	\$ 3,385,638	209
Grand Total	292,521	\$ 19,583,413	922

### Contracting and Employment Highlights – During the Quarter:

- Two projects were awarded:
  - WW-599R SEP Cryogenic Oxygen Plant, to Cal State Constructors, in the amount of \$6.5 million
  - WW-647R SEP Biosolids Digesters Facilities, to MWH Constructors/Webcor Builders JV, in the amount of \$932.7 million.
- 248 craft workers worked more than 32,000 hours, and earned approximately \$2.3 million in wages and benefits.
- 59 San Francisco residents worked 8000 hours, and earned more than \$557,000 in wages and benefits.
- 67 SFPUC Service Territory residents worked more than 6,500 hours, and earned approximately \$500,000 in wages and benefits.

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Fourth Quarter FY 2016-2017

**Table 2. Summary of Craft Worker Employment During the Quarter**

Region of Worker Residence	Inception Through June 30, 2017		
	Hours	Wages & Benefits	Worker Count
Outside	17,798	\$ 1,292,225	122
San Francisco	8,000	\$ 557,347	59
SFPUC Service Territory	6,592	\$ 496,845	67
<b>Grand Total</b>	<b>32,390</b>	<b>\$ 2,346,417</b>	<b>248</b>

**Table 3. List of SSIP Construction Contracts**

Award Date	Contract Number	Prime Contractor	Project	Original Contract Award
6/13/2017	WW-599R	Cal State Constructors	SEP Cryogenic Oxygen Plant	\$ 6,547,000
5/9/2017	WW-647R	MWH Constructors/Webcor Builders JV	SEP Biosolids Digester Facilities	\$ 932,715,777
2/28/2017	WW-610R	Minerva Construction	Visitation Valley Green Nodes	\$ 3,483,944
2/28/2017	WW-653	Ranger Pipelines, Inc.	Marin Street Sewer Replacement	\$ 4,860,250
1/10/2017	WW-614R2	The Dutra Group	North Point Outfall Rehabilitation	\$ 12,485,980
1/10/2017	WW-632	Monterey Mechanical Company	SEP Existing Digester Gas Handling Improvements	\$ 9,536,000
12/13/2016	DB-126	Emerson Process Management	WWE Distributed Control System Upgrades	\$ 20,425,000
12/13/2016	WW-606R2	Trinet Construction, Inc.	OSP Door and Building 930 Exterior Awning Improvements	\$ 4,049,000
5/24/2016	WW-628	Sundt/Walsh JV	SEP New Headworks Facility	\$ 224,652,224
5/10/2016	WW-570	Blocka Construction, Inc.	OSP and Westside Pump Station HVAC Upgrades	\$ 6,138,000
1/26/2016	WW-613	Western Water Constructors, Inc.	SEP Building 521/522 and Disinfection Upgrades	\$ 25,750,000
1/12/2016	WW-626	Monterey Mechanical Company	SEP Primary and Secondary Clarifier Upgrades	\$ 23,588,000
11/10/2015	WW-605R	Anvil Builders	Mission and Valencia Streets Green Gateway	\$ 2,949,013
9/22/2015	WW-609R	M Squared Construction, Inc.	Holloway Green Street Stormwater Improvements	\$ 5,591,892
6/24/2014	WW-572R	Cal State Constructors	Westside Pump Station Discharge Pipe Manifold Upgrade	\$ 4,145,047
1/28/2014	WW-556	NTK Construction, Inc.	SEP Chemical System Relocation and Facility Upgrades	\$ 14,025,000
12/11/2012	WW-541	NTK Construction, Inc.	SEP Oxygen Generation Plant Replacement	\$ 9,476,360
4/24/2012	WW-483RR	K.J. Woods Construction, Inc.	N. Shore to Channel Force Main Improvements	\$ 15,488,000
<b>Total Contract Award of these 18 SSIP projects</b>				<b>\$ 1,325,906,487</b>

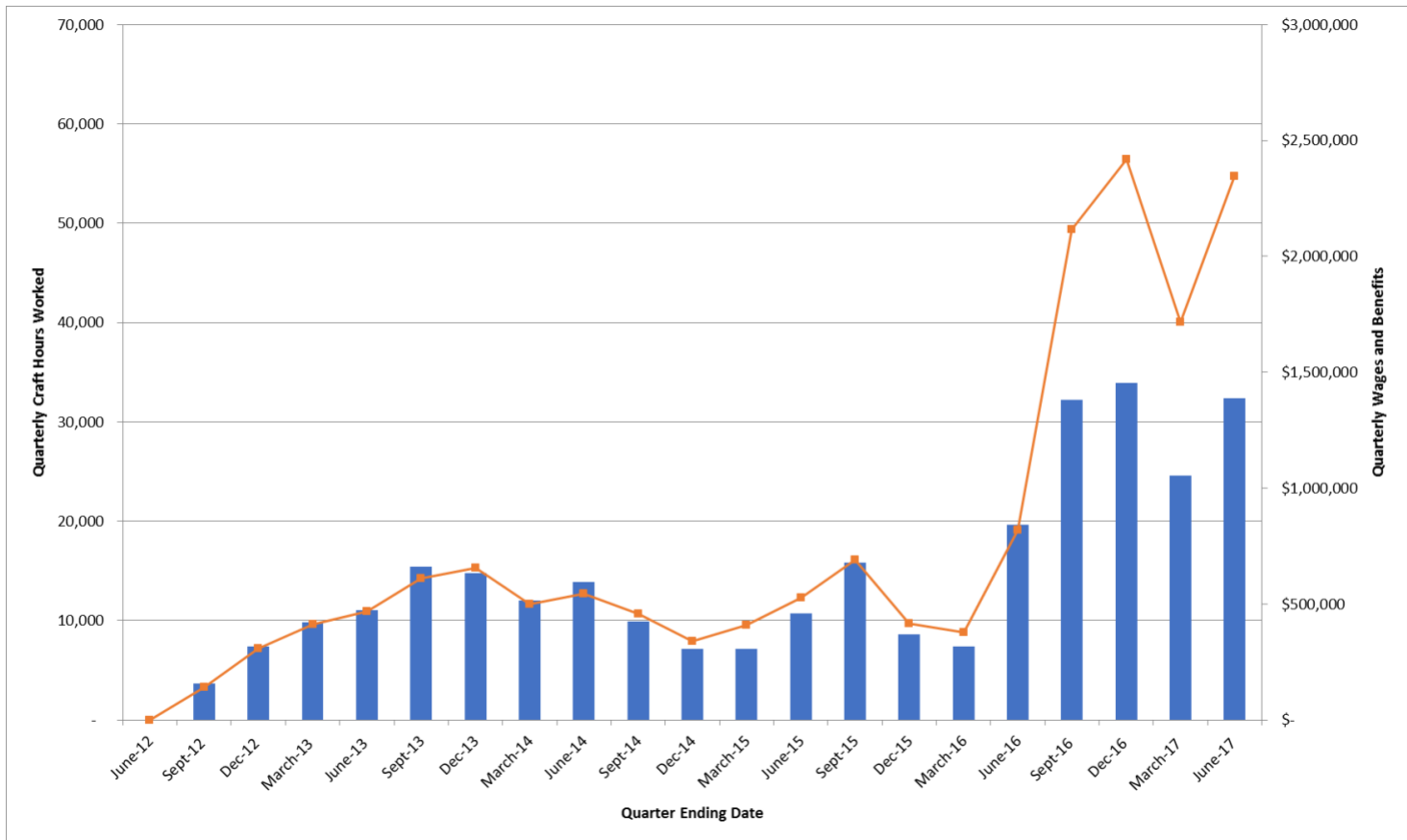
San Francisco Public Utilities Commission  
 Sewer System Improvement Program Project Labor Agreement Quarterly Report  
 Fourth Quarter FY 2016-2017

## Summary Tables and Charts

### Craft Data

- During the quarter, workers worked 290,521 hours and earned \$19.5 million in wages and benefits.

**Chart 1. Craft Hours and Wages**



San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Fourth Quarter FY 2016-2017

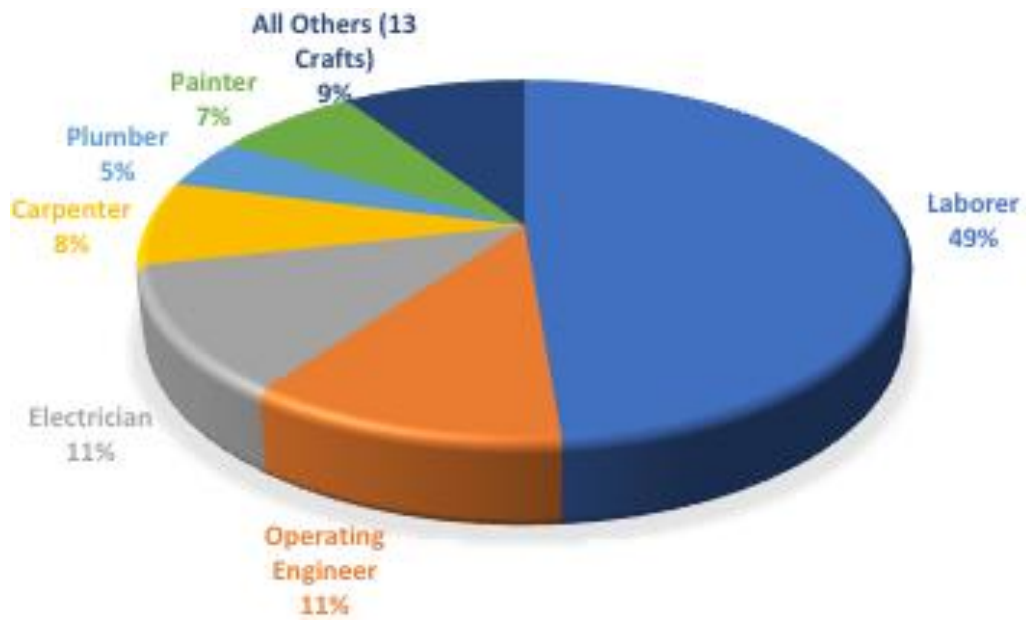
- The top 6 crafts: Laborers, Electricians, Operating Engineers, Carpenters, Plumbers, and Painters worked **90.8%** of all hours on SSIP, with over 265,000 combined hours worked.
- Laborers have the majority of hours, at **48.7%**, of the more than 292,000 total construction hours worked to date.

**Table 4. Craft Utilization Table**

Cumulative Employment by Craft				
Inception Through June 30, 2017				
Craft	Total Hours	Total Wages	% Craft Hours of Total Hours	% Wages of Total Wages
Laborer	142,491	\$ 7,240,294	48.7%	37.0%
Operating Engineer	33,235	\$ 3,466,996	11.4%	17.7%
Electrician	33,349	\$ 2,749,133	11.4%	14.0%
Carpenter	22,144	\$ 1,493,493	7.6%	7.6%
Plumber	13,317	\$ 1,450,582	4.6%	7.4%
Painter	21,038	\$ 1,388,609	7.2%	7.1%
<b>Top 6 Crafts Sub-Total</b>	<b>265,574</b>	<b>\$ 17,789,107</b>	<b>90.8%</b>	<b>90.8%</b>
Cement Mason	5,376	\$ 300,330	1.8%	1.5%
Field Surveyor	4,771	\$ 274,594	1.6%	1.4%
Sheet Metal Worker	3,195	\$ 313,542	1.1%	1.6%
Iron Worker	2,099	\$ 139,802	0.7%	0.7%
Pile Driver	1,293	\$ 104,330	0.4%	0.5%
Building/Construction Inspector	758	\$ 56,972	0.3%	0.3%
Drywall Installer/Lather	450	\$ 30,485	0.2%	0.2%
Asbestos Worker	327	\$ 22,744	0.1%	0.1%
Metal Roofing Systems Installer	88	\$ 6,371	0.0%	0.0%
Roofer	66	\$ 4,141	0.0%	0.0%
<b>Remaining Apprenticable Sub-Total</b>	<b>18,421</b>	<b>\$ 1,253,311</b>	<b>0.0%</b>	<b>6.4%</b>
Tunnel Worker	5,057	\$ 308,584	1.7%	1.6%
Teamster	2,332	\$ 128,554	0.8%	0.7%
Driver	1,138	\$ 103,857	0.4%	0.5%
<b>Total Non-Apprenticable</b>	<b>8,526</b>	<b>\$ 540,995</b>	<b>2.9%</b>	<b>2.8%</b>
<b>Grand Total</b>	<b>292,521</b>	<b>\$ 19,583,413</b>	<b>100%</b>	<b>100.0%</b>

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Fourth Quarter FY 2016-2017

**Chart 2. Craft Utilization Pie Chart**

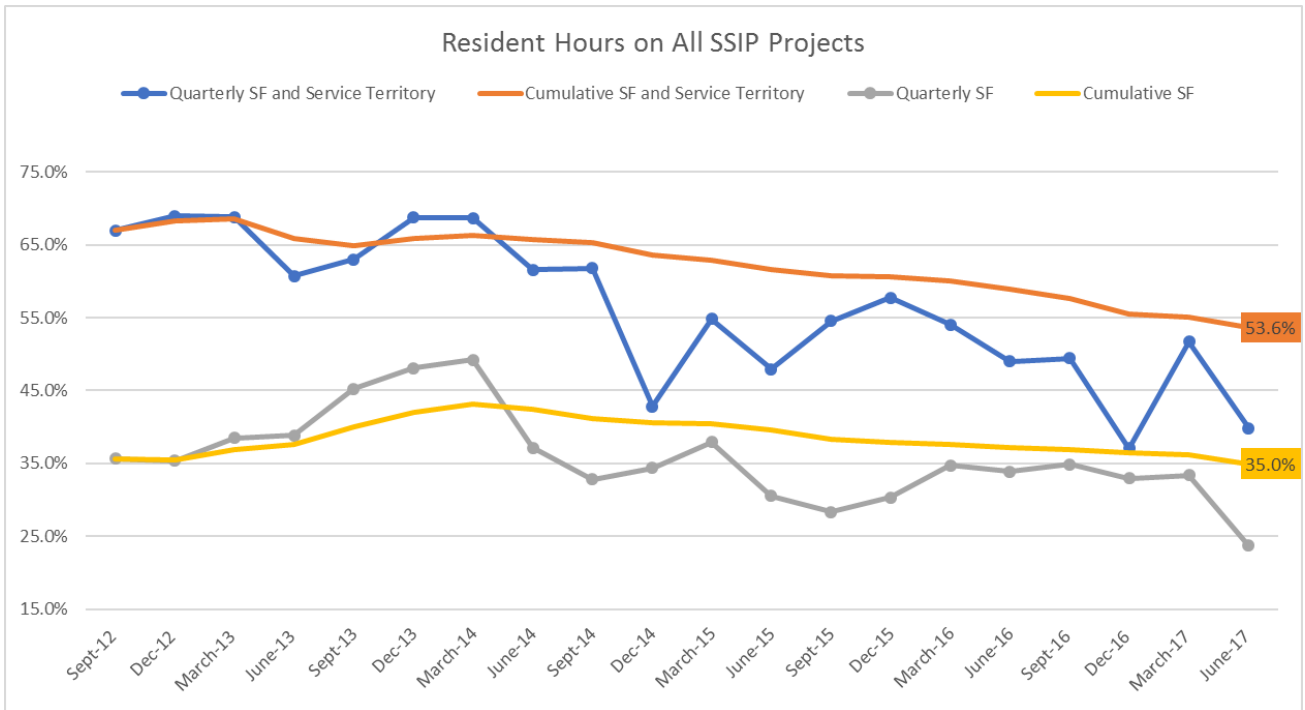


San Francisco Public Utilities Commission  
 Sewer System Improvement Program Project Labor Agreement Quarterly Report  
 Fourth Quarter FY 2016-2017

Worker Residence Data

- Combined, San Francisco and SFPUC Regional Service Territory residents worked **53.6%** of all construction craft hours on SSIP to date.

**Chart 3. Worker Residence Quarterly and Cumulative**



San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Fourth Quarter FY 2016-2017

- San Francisco’s 275 workers worked **36.4%** of all the construction hours on SSIP through the reporting period.
- San Francisco construction workers on SSIP have earned more than \$7.6 million in wages and benefits.
- In total, more than \$19.5 million in wages and benefits have been earned by construction craft workers on SSIP to date.

**Table 5. Worker Residence by County**

<b>SSIP-PLA Employment by Top 20 Counties of Residence</b>				
Inception Through June 30, 2017				
<b>County</b>	<b>Total Craft Hours</b>	<b>Wages</b>	<b>% Craft Hours</b>	<b>Worker Count</b>
San Francisco County	106,594	\$ 7,624,197	36.4%	275
Contra Costa County	39,930	\$ 2,918,721	13.7%	135
Alameda County	38,067	\$ 2,188,409	13.0%	129
San Mateo County	20,266	\$ 1,332,036	6.9%	78
Solano County	18,674	\$ 1,043,404	6.4%	73
San Joaquin County	9,758	\$ 624,697	3.3%	34
Sonoma County	6,580	\$ 425,280	2.2%	17
Kern County	6,424	\$ 404,940	2.2%	8
Marin County	5,707	\$ 295,350	2.0%	4
Merced County	5,060	\$ 344,529	1.7%	7
Fresno County	4,850	\$ 283,256	1.7%	4
Napa County	4,018	\$ 262,141	1.4%	4
Sacramento County	3,906	\$ 252,743	1.3%	27
Santa Clara County	3,888	\$ 242,530	1.3%	29
Riverside County	2,975	\$ 213,266	1.0%	9
Clark County	2,628	\$ 200,216	0.9%	4
Tulare County	2,007	\$ 90,162	0.7%	4
Placer County	1,731	\$ 171,258	0.6%	10
Madera County	1,477	\$ 117,859	0.5%	2
San Bernardino County	1,148	\$ 78,091	0.4%	7
<b>Top 20 Counties by Hours</b>	<b>285,686</b>	<b>\$ 19,113,085</b>	<b>97.7%</b>	<b>860</b>
All Other Counties	6,835	\$ 470,328	2.3%	62
<b>Grand Total</b>	<b>292,521</b>	<b>\$ 19,583,413</b>	<b>100%</b>	<b>922</b>



San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Fourth Quarter FY 2016-2017

The table below represents San Francisco’s ZIP Codes where the workers reside. On SSIP, workers currently reside in 26 of San Francisco’s total 30 ZIP Codes.

- Total hours worked by San Francisco residents on SSIP to date is approximately 106,000 hours.
- Workers living in the Southeast sector of the city, ZIP Codes 94124 (Bayview Hunters Point) and 94134 (Visitacion Valley and Portola) have worked more than 33,602 hours.
- Apprentices living in 94124 have worked more than a third of all San Francisco apprentice hours (35.8%).
- Residents with a 94110 Zip Code have the second most total hours worked by San Francisco residents, with nearly 14,000 hours worked by residents from the Mission and Bernal Heights neighborhoods. These hours represent approximately 13.0% of all hours worked by SF residents.

**Table 6. SF Journey and Apprentice Hours by ZIP Code**

Zip Code and Neighborhoods		Apprentice Hours	Journey Hours	Total Hours	Worker Count (Not Unique)
94124	Bayview Hunters Point	11,588	13,863	25,450	60
94110	Mission, Bernal Heights	5,815	8,078	13,893	30
94116	Sunset District, West Portal, Forest Hill	1,865	11,741	13,606	23
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	939	11,712	12,651	40
94134	Visitacion Valley, Portola	1,058	7,094	8,152	25
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	3,121	3,061	6,182	8
94132	Lake Merced, Merced Heights, San Francisco State	566	4,386	4,952	10
94122	Inner Sunset, Outer Sunset	666	3,402	4,068	13
94107	SOMA, Dog Patch, Potrero Hill	784	2,306	3,090	14
94133	Chinatown, Telegraph Hill, North Beach, Fisherman’s Wharf	8	2,782	2,790	5
94121	Outer Richmond	705	1,431	2,136	5
94130	Treasure Island	1,799	74	1,873	2
94142	Tenderloin		1,505	1,505	2
94102	Hayes Valley, Civic Center, Tenderloin	896	324	1,220	5
94114	Castro, Noe Valley	1,109	38	1,147	2
94103	SOMA	530	507	1,037	6
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason		649	649	3
94120	SOMA	176	291	467	3
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park	65	387	452	4
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA	8	416	424	5
94108	Chinatown, Union Square	350	54	404	4
94105	SOMA, Embarcadero	171		171	1
94104	Financial District	58	68	126	1
94123	Marina, Cow Hollow		75	75	2
94158	Mission Bay	48		48	1
94127	Balboa Terrace, St. Francis Wood, West Portal		33	33	1
<b>Grand Total</b>		<b>32,322</b>	<b>74,273</b>	<b>106,594</b>	<b>275</b>

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Fourth Quarter FY 2016-2017

- San Francisco Laborers have worked **46.3%** of San Francisco’s 106,594 total hours on SSIP.
- San Francisco apprentice Laborers have worked nearly half (**49.8%**) of the 32,322 total hours worked by San Francisco apprentices.
- San Francisco apprentice Electricians have the second most apprentice hours worked on SSIP, and represent **24.1%** of all hours worked by San Francisco resident apprentices.

**Table 7. Worker Residence by Craft**

		Craft							SSIP Total
		Laborer	Operating Engineer	Electrician	Plumber	Carpenter	Painter	All Others	
<b>T o t a l</b>	<b>Total Hours</b>	<b>142,491</b>	<b>33,235</b>	<b>33,349</b>	<b>13,317</b>	<b>22,144</b>	<b>21,038</b>	<b>26,948</b>	<b>292,521</b>
	<b>Total %</b>	48.7%	11.4%	11.4%	4.6%	7.6%	7.2%	9.2%	
	<b>San Francisco Hours</b>	<b>49,329</b>	<b>17,704</b>	<b>15,589</b>	<b>6,966</b>	<b>4,370</b>	<b>4,072</b>	<b>8,565</b>	<b>106,594</b>
	<b>Total % of San Francisco Hours</b>	46.3%	16.6%	14.6%	6.5%	4.1%	3.8%	8.0%	
	<b>Regional Service Territory Hours</b>	<b>29,267</b>	<b>5,577</b>	<b>3,508</b>	<b>2,307</b>	<b>3,290</b>	<b>2,977</b>	<b>7,125</b>	<b>54,050</b>
	<b>Total % of Regional Service Territory Hours</b>	54.1%	10.3%	6.5%	4.3%	6.1%	5.5%	13.2%	
		Laborer	Electrician	Painter	Carpenter	Operating Engineer	Plumber	All Others	SSIP Total
<b>A p p r e n t i c e</b>	<b>Total Hours</b>	<b>19,602</b>	<b>7,913</b>	<b>5,755</b>	<b>4,547</b>	<b>1,486</b>	<b>1,252</b>	<b>3,590</b>	<b>44,145</b>
	<b>Total %</b>	44.4%	17.9%	13.0%	10.3%	3.4%	2.8%	8.1%	
	<b>San Francisco Hours</b>	<b>16,092</b>	<b>7,774</b>	<b>2,378</b>	<b>1,366</b>	<b>1,470</b>	<b>1,181</b>	<b>2,063</b>	<b>32,322</b>
	<b>Total % of San Francisco Hours</b>	49.8%	24.1%	7.4%	4.2%	4.5%	3.7%	6.4%	
	<b>Regional Service Territory Hours</b>	<b>658</b>	<b>140</b>	<b>-</b>	<b>987</b>	<b>16</b>	<b>71</b>	<b>932</b>	<b>2,803</b>
	<b>Total % of Regional Service Territory Hours</b>	23.5%	5.0%	0.0%	35.2%	0.6%	2.5%	33.2%	

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Fourth Quarter FY 2016-2017

The overall participation rate of San Francisco workers on SSIP projects is currently **36.4%**.

- One of the newest projects to get underway, with less than 850 craft hours worked thus far, WW-628 Southeast Water Pollution Control Plan New Headworks Facility is at **34.5%** San Francisco resident participation.

**Table 8. Worker Residence by Project**

Sorted by San Francisco Percent of Total Project Hours

Project	Hours				% of Total Project Hours		
	Outside	San Francisco	Service Territory	Grand Total	Outside	San Francisco	Service Territory
WW-541 Southeast Water Pollution Control Plant Oxygen Generation Plant Replacement	2,225	8,580	705	11,509	19.3%	74.5%	6.1%
WW-606R2 - Oceanside Water Pollution Control Plant Door and Building 930 Exterior and Awning Improvements	125	421	133	679	18.4%	62.0%	19.5%
WW-572R Westside Pump Station Discharge Pipe Manifold	3,378	5,410	495	9,282	36.4%	58.3%	5.3%
WW-609R Holloway Green Street Stormwater Improvements	8,318	10,210	3,501	22,029	37.8%	46.3%	15.9%
WW-570 - Oceanside Water Pollution Control Plant and Westside Pump Station HVAC Upgrades	661	959	504	2,123	31.1%	45.1%	23.7%
WW-483RR North Shore to Channel Force Main Improvement and Pavement Renovation	38,197	41,603	25,882	105,681	36.1%	39.4%	24.5%
WW-556 Southeast Water Pollution Control Plant Chemical System Relocation and Facility Upgrades	19,801	14,286	2,451	36,538	54.2%	39.1%	6.7%
WW-628 - Southeast Water Pollution Control Plant New Headworks Facility	499	293	56	847	58.9%	34.5%	6.6%
WW-605R Mission and Valencia Streets Green Gateway	8,869	5,943	5,187	19,998	44.4%	29.7%	25.9%
WW-626 Southeast Water Pollution Control Plant Primary and Secondary Clarifier Upgrades	27,166	14,241	10,512	51,918	52.3%	27.4%	20.2%
WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades	20,559	4,143	2,815	27,517	74.7%	15.1%	10.2%
WW-614R2 - North Point Outfall Rehabilitation	1,719	488	1,636	3,842	44.7%	12.7%	42.6%
WW-632 - Southeast Water Pollution Control Plant Existing Digester Gas Handling Improvements	225	22	106	353	63.7%	6.2%	30.0%
WW-653 - Marin Street Sewer Replacement	136		70	206	66.2%	0.0%	33.8%
<b>Grand Total</b>	<b>131,877</b>	<b>106,594</b>	<b>54,050</b>	<b>292,521</b>	<b>45.1%</b>	<b>36.4%</b>	<b>18.5%</b>

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Fourth Quarter FY 2016-2017

**Apprentice Data**

The State of California’s Division of Apprenticeship Standards requires apprentices be utilized in the ratios applicable for each craft, generally one apprentice hour to every five journey hours.

- On SSIP to date, **15.5%** of all craft hours in apprenticeable trades have been worked by apprentices.
- Through the reporting period, Laborer apprentices have worked **13.8%** of their 142,491 total labor hours worked.

**Table 9. Apprentice Utilization by Craft**

Craft	Apprentice Hours	Journey Hours	Grand Total	Apprentice Percentage of Craft Total
Metal Roofing Systems Installer	48	40	88	54.5%
Asbestos Worker	128	199	327	39.1%
Painter	5,755	15,283	21,038	27.4%
Pile Driver	309	984	1,293	23.9%
Electrician	7,913	25,436	33,349	23.7%
Field Surveyor	1,004	3,767	4,771	21.0%
Sheet Metal Worker	670	2,526	3,195	21.0%
Carpenter	4,547	17,597	22,144	20.5%
Iron Worker	408	1,691	2,099	19.4%
Cement Mason	1,023	4,353	5,376	19.0%
Laborer	19,602	122,889	142,491	13.8%
Plumber	1,486	11,832	13,317	11.2%
Operating Engineer	1,252	31,983	33,235	3.8%
Building/Construction Inspector		758	758	0.0%
Drywall Installer/Lather		450	450	0.0%
Roofer		66	66	0.0%
<b>Apprenticeable Sub-total</b>	<b>44,145</b>	<b>239,850</b>	<b>283,995</b>	<b>15.5%</b>
Tunnel Worker*		5,057	5,057	0.0%
Teamster*		2,332	2,332	0.0%
Driver*		1,138	1,138	0.0%
<b>Grand Total</b>	<b>44,145</b>	<b>248,377</b>	<b>292,521</b>	<b>15.1%</b>
*Non-Apprenticable Trade				

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
Fourth Quarter FY 2016-2017

- Consistent with previous reporting periods, project WW-556 Southeast Water Pollution Control Plant Chemical System Relocation and Facility Upgrades has the highest Apprentice Utilization rate with **21.1%** of the project’s hours being performed by apprentices.
- With the most total apprentice hours on SSIP through the reporting period, project WW-483RR North Shore to Channel Force Main Improvement and Pavement Renovation has 14,364 apprentice hours, which is **13.6%** of all hours on the project.

**Table 10. Apprentice Utilization by Project**

Project Name	Apprentice Hours	Journey Hours	Grand Total	Apprentice Utilization %
WW-556 Southeast Water Pollution Control Plant Chemical System Relocation and Facility Upgrades	7,783	28,754	36,538	21.3%
WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades	5,806	21,712	27,517	21.1%
WW-572R Westside Pump Station Discharge Pipe Manifold	1,949	7,333	9,282	21.0%
WW-570 - Oceanside Water Pollution Control Plant and Westside Pump Station HVAC Upgrades	402	1,722	2,123	18.9%
WW-626 Southeast Water Pollution Control Plant Primary and Secondary Clarifier Upgrades	8,040	43,879	51,918	15.5%
WW-606R2 - Oceanside Water Pollution Control Plant Door and Building 930 Exterior and Awning Improvements	104	575	679	15.3%
WW-541 Southeast Water Pollution Control Plant Oxygen Generation Plant Replacement	1,566	9,943	11,509	13.6%
WW-605R Mission and Valencia Streets Green Gateway	2,720	17,278	19,998	13.6%
WW-483RR North Shore to Channel Force Main Improvement and Pavement Renovation	14,364	91,318	105,681	13.6%
WW-609R Holloway Green Street Stormwater Improvements	1,328	20,701	22,029	6.0%
Headworks Facility	22	825	847	2.6%
WW-614R2 - North Point Outfall Rehabilitation	62	3,780	3,842	1.6%
WW-632 - Southeast Water Pollution Control Plant Existing Digester Gas Handling Improvements		353	353	0.0%
WW-653 - Marin Street Sewer Replacement		206	206	0.0%
<b>Grand Total</b>	<b>44,145</b>	<b>248,377</b>	<b>292,521</b>	<b>15.1%</b>

## Substance Abuse Prevention Program and Safety

The PLA requires pre-employment alcohol and drug testing for all covered employees. The policy also allows testing where the contractor has reasonable cause to believe that the employee has used drugs or alcohol, and mandates testing where a contractor concludes that an employee was under the influence of drugs or alcohol at the time of an accident.

- 56 pre-employment tests have been administered on SSIP, with a total non-negative screening rate of **3.6%**. This rate is below the national average for the construction industry which is around 5% according to the U.S. Department of Labor.
- During the quarter, 56 pre-employment substance abuse screenings were administered, and two individuals were prevented from working as the result of a non-negative test.

**Table 11. Workers’ Pre-Employment Clearance Data**

Substance Abuse Testing Summary	
Project	Total
WW-614R2 - North Point Outfall Rehabilitation	35
WW-570 - OSP and Westside Pump Station HVAC Upgrades	14
WW-606R2 - OSP Door and Building 930 Exterior and Awning Improver	5
Total Cleared	54

## **History of the WSIP PLA and SSIP Extension Agreement**

On April 8, 2003, the San Francisco Board of Supervisors adopted Resolution 223-03 urging the San Francisco Public Utilities Commission (SFPUC) to develop plans for a Project Labor Agreement (PLA) covering the capital improvement program to rehabilitate, repair, and upgrade the Hetch Hetchy Water System.

On May 20, 2003 the San Francisco Board of Supervisors adopted Resolution 350-03 urging the SFPUC to include social justice components in the PLA covering the Hetch Hetchy Water System upgrade.

On May 11, 2006 the San Francisco Board of Supervisors amended the San Francisco Administrative Code to establish a Small Firm Advisory Committee to provide for the certification of small construction contractors located outside San Francisco and within the SFPUC service territory for work on SFPUC construction projects, including those covered by the PLA.

On March 28, 2006 the SFPUC adopted Resolution No. 06-0049 to authorize SFPUC staff to commence negotiations with the various craft labor unions for a project labor agreement covering the Water System Improvement Program (WSIP). Resolution No. 06-0049 concluded that the governmental interests of the SFPUC were furthered by a project labor agreement as follows:

“There are numerous advantages in moving forward on the negotiation of a PLA, which include but are not limited to the following: creates framework for labor harmony; militates against construction delays; assures steady supply of qualified labor; provides employment, career, and local business opportunities; and, other benefits ...”

On March 26, 2007, the SFPUC approved the negotiated agreement. The PLA requires construction contractors to utilize workers dispatched by signatory unions, and prohibits the unions and contractors from participating in strikes, lockouts, or other disruptions to the work. The PLA provides a procedure for adjudicating conflicting jurisdictional claims between the unions, provides for uniform hours of work, overtime, shifts and holidays, encourages the recruitment and training of low-income residents of the SFPUC service territory, and requires substance abuse testing for all covered workers. The first implementation of the PLA was on contract WD-2504 Stanford Heights Reservoir Seismic Retrofit and Improvement project which the SFPUC awarded to S.J. Amoroso Construction Co. Inc. on Jun. 26, 2007 in the amount of \$17,899,960.

In 2008, the Commission approved Addendum No. 1 of the Agreement, which extended the Agreement to the Advanced Meter Infrastructure (AMI) project.

In May 2016, the Commission approved an Extension Agreement which applied the terms of the PLA, as modified in that Extension Agreement, to Sewer System Improvement Program (SSIP) projects and specific AWSS Pumping Station 2 projects.

## **Governance and Certified Payroll Reporting System**

The parties to the PLA have established a four-person Joint Administrative Committee that reviews the implementation and progress of the PLA, and provides guidance to questions or concerns that arise in connection with the PLA. The SFPUC's Workforce and Economic Programs team within the Infrastructure Division administers the PLA under the direction of the Joint Administrative Committee.

Prior to the commencement of construction, representatives of participating contractors and subcontractors, the unions, and SFPUC staff, are required to attend a Pre-Job Conference. At the conference, the general contractor and subcontractors present their scope of work and make assignments based on traditional craft jurisdictional lines. When conflicting claims for work are submitted to a contractor, the corresponding Jurisdictional Dispute Resolution procedure appropriate to the trades involved is invoked so as to prevent delay or disruption of work.

All SFPUC construction projects utilize the City's authorized web-based labor compliance reporting program, LCPtracker, Inc. The data from the certified payrolls records collected by LCPtracker, Inc. are used to produce the information included in this report.