



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

Sewer System Improvement Program Project Labor Agreement Quarterly Report

**July 1, 2018 through September 30, 2018
(First Quarter FY 2018-2019)**

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

SEWER SYSTEM IMPROVEMENT PROGRAM | Grey. Green. Clean.

San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 First Quarter FY 2018-2019

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Definitions

City	City and County of San Francisco
OEWD	The Office of Economic and Workforce Development of the City and County of San Francisco
OSP	Oceanside Water Pollution Control Plant
Outside	All ZIP Codes where workers reside not within San Francisco or the San Francisco Public Utilities Commission Service Territory
SEP	Southeast Water Pollution Control Plant
SFPUC	San Francisco Public Utilities Commission
SFPUC Regional Service Territory	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
SSIP	Sewer System Improvement Program
WEPS	Workforce and Economic Programs Services Bureau
WWE	Wastewater Enterprise

Executive Summary

Contracting and Employment Highlights – Program to Date:

- Twenty-six (26) construction contracts, with a combined value of \$1.43 billion, have been awarded.
- 480,508 total craft hours have been worked by 1,683 workers who earned \$34.4 million in wages and benefits.
- 442 San Francisco residents worked 155,217 hours (**32%**) and earned roughly \$11 million in wages and benefits, exceeding the City’s 30% Local Hiring requirement.
- Residents of the SFPUC’s Regional Service Territory worked 89,702 hours (**19%**) and earned over \$6.2 million in wages and benefits.

Table 1. Worker Highlights – Total Program

Region of Worker Residence	Inception Through September 30, 2018		
	Worker Count	Hours	Wages & Benefits
All Workers	1,683	480,508	\$ 34,405,284
San Francisco	442	155,217	\$ 10,854,387
SFPUC Service Territory	383	89,702	\$ 6,207,090
Outside	864	235,589	\$ 17,343,807

Contracting and Employment Highlights – During the Quarter:

- There were four contracts awarded during the quarter:
 - WW-674R Geary Boulevard Sewer and Water Improvements was awarded to JMB Construction, Inc. for \$16,246,547.
 - WW-639 Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades was awarded to Monterey Mechanical for \$38,449,000.
 - WW-667 Mariposa Dry Weather Pump Station Improvements was awarded to Western Water Constructors, Inc. for \$17,031,000.
 - WW-627R Baker Beach Green Street was awarded to Minerva Construction for \$7,122,000.
- 294 construction workers worked 30,172 hours and earned \$2,043,896 in wages and benefits.
- 68 San Francisco residents worked 8,178 hours and earned \$476,540 in wages and benefits.
- 62 SFPUC Service Territory residents worked 4,722 hours and earned \$320,051 in wages and benefits.

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Table 2. Summary of Craft Worker Employment During the Quarter

Region of Worker Residence	Three Months Ending September 30, 2018		
	Worker Count	Hours	Wages & Benefits
All Workers	294	30,172	\$ 2,043,896
San Francisco	68	8,178	\$ 476,540
SFPUC Service Territory	62	4,722	\$ 320,051
Outside	164	17,272	\$ 1,247,305

Table 3. List of SSIP Construction Contracts

Award Date	Contract Number	Prime Contractor	Project	Original Contract Award
9/25/2018	WW-627R	Minerva Construction	Baker Beach Green Streets	\$ 7,122,000
9/11/2018	WW-667	Western Water Constructors, Inc.	Mariposa Dry-Weather Pump Station	\$ 17,031,000
8/28/2018	WW-639	Monterey Mechanical	OSP Digester Gas Utilization Upgrades	\$ 38,449,000
8/28/2018	WW-674R	JMB Construction, Inc.	Geary Boulevard Sewer and Water Improvements	\$ 16,246,547
2/27/2018	WW-659	Azul Works, Inc.	Greenhouse Demolition at 1150 Phelps Street/1800	\$ 1,638,000
1/9/2018	WW-657R	Anvil Builders Inc.	Drumm & Jackson Streets Sewer Improvements	\$ 5,240,900
8/8/2017	WW-658	Pipe and Plant Solutions	As-Needed Sewer Cleaning and Inspection of Large S	\$ 2,694,000
7/11/2017	WW-651	Western Water Constructors, Inc.	Griffith Pump Station Improvements	\$ 10,941,000
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 Improve	\$ 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 Upg	\$ 4,145,047
1/28/2014	WW-556	NTK Construction, Inc.	SEP Chemical System Relocation and Facility Upgrad	\$ 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
Total 29 Contracts				\$ 1,425,268,934

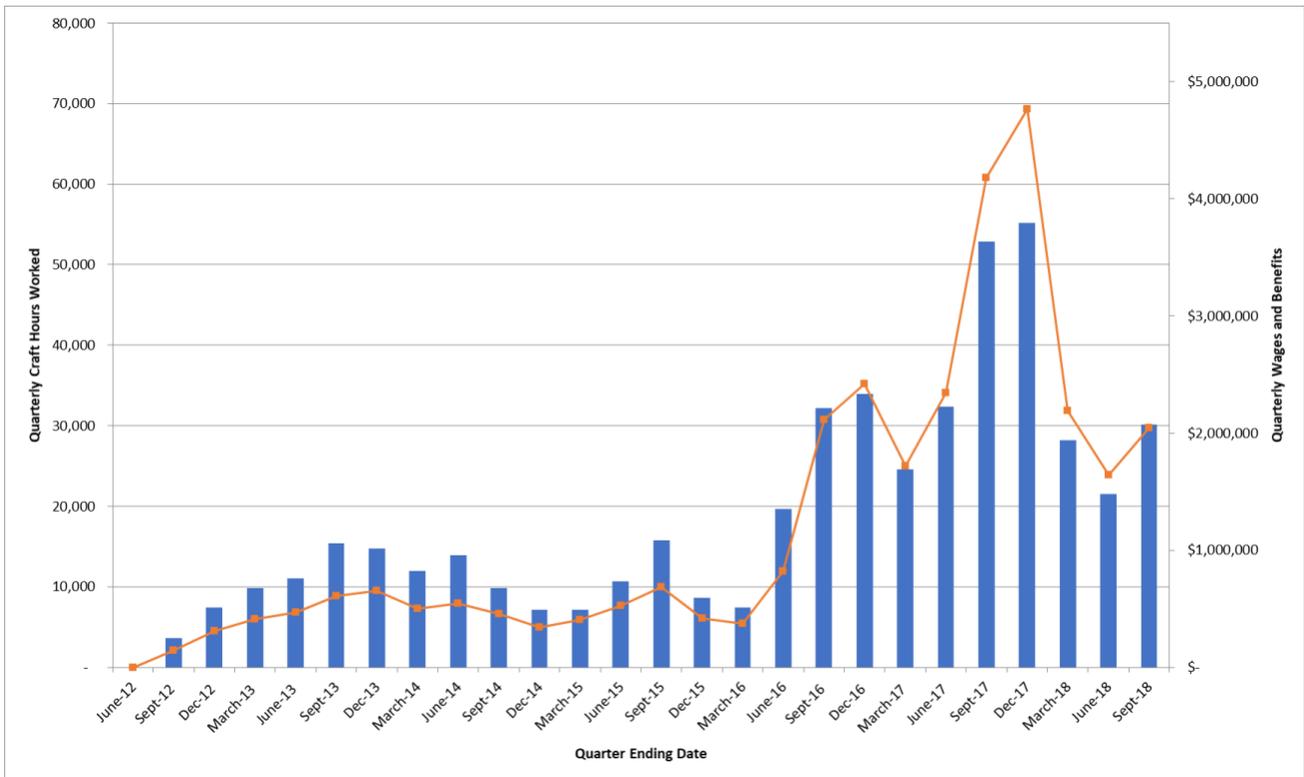
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Summary Tables and Charts

Craft Data

- During the quarter, construction workers worked 30,172 hours and earned \$2.04 million in wages and benefits.

Chart 1. Craft Hours and Wages



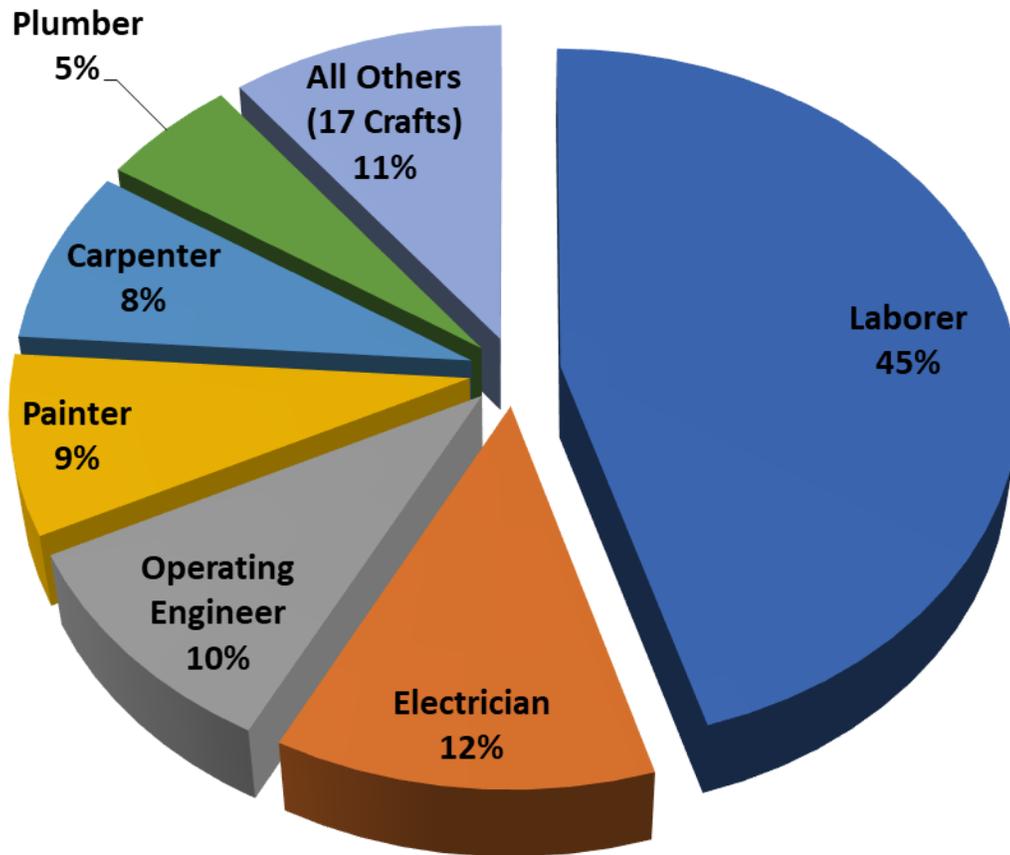
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- 1,683 construction workers have worked 489,508 construction craft hours and earned \$34,405,284 in wages and benefits.
- Laborers, Electricians, Operating Engineers, Painters, Carpenters, and Plumbers worked approximately **90%** of all hours worked on SSIP, with 430,000 combined hours worked.

Table 4. Craft Utilization Table

Craft	Total Hours	Total Wages & Benefits	% Craft Hours of Total Hours	% Wages of Total Wages
Laborer	217,938	\$ 11,942,746	45.4%	34.7%
Electrician	59,132	\$ 5,214,913	12.3%	15.2%
Operating Engineer	48,519	\$ 4,663,789	10.1%	13.6%
Painter	40,159	\$ 2,784,625	8.4%	8.1%
Carpenter	38,893	\$ 2,710,432	8.1%	7.9%
Plumber	25,361	\$ 2,824,152	5.3%	8.2%
Top 6 Sub-Total	430,001	\$ 30,140,659	89.5%	87.6%
Pile Driver	10,292	\$ 1,256,116	2.1%	3.7%
Sheet Metal Worker	9,534	\$ 1,029,701	2.0%	3.0%
Cement Mason	8,225	\$ 485,640	1.7%	1.4%
Iron Worker	5,011	\$ 268,852	1.0%	0.8%
Field Surveyor	4,771	\$ 274,594	1.0%	0.8%
Building/Construction Inspector	1,264	\$ 114,255	0.3%	0.3%
Drywall Installer/Lather	987	\$ 65,069	0.2%	0.2%
Asbestos Worker	327	\$ 22,744	0.1%	0.1%
Glazier	295	\$ 20,260	0.1%	0.1%
Roofer	293	\$ 15,271	0.1%	0.0%
Bricklayer	178	\$ 6,408	0.0%	0.0%
Metal Roofing Systems Installer	165	\$ 10,469	0.0%	0.0%
Boilermaker	152	\$ 10,547	0.0%	0.0%
Remaining Apprenticable Sub-Total	41,493	\$ 3,579,928	8.6%	10.4%
Tunnel Worker	5,057	\$ 308,584	1.1%	0.9%
Teamster	2,335	\$ 130,534	0.5%	0.4%
Driver	1,362	\$ 117,925	0.3%	0.5%
Diver	261	\$ 127,655	0.1%	0.1%
Total Non-Apprenticeable	9,014	\$ 684,698	1.9%	2.0%
Total SSIP-Covered by PLA	480,508	\$ 34,405,284	100.0%	100.0%

Chart 2. Craft Utilization Pie Chart

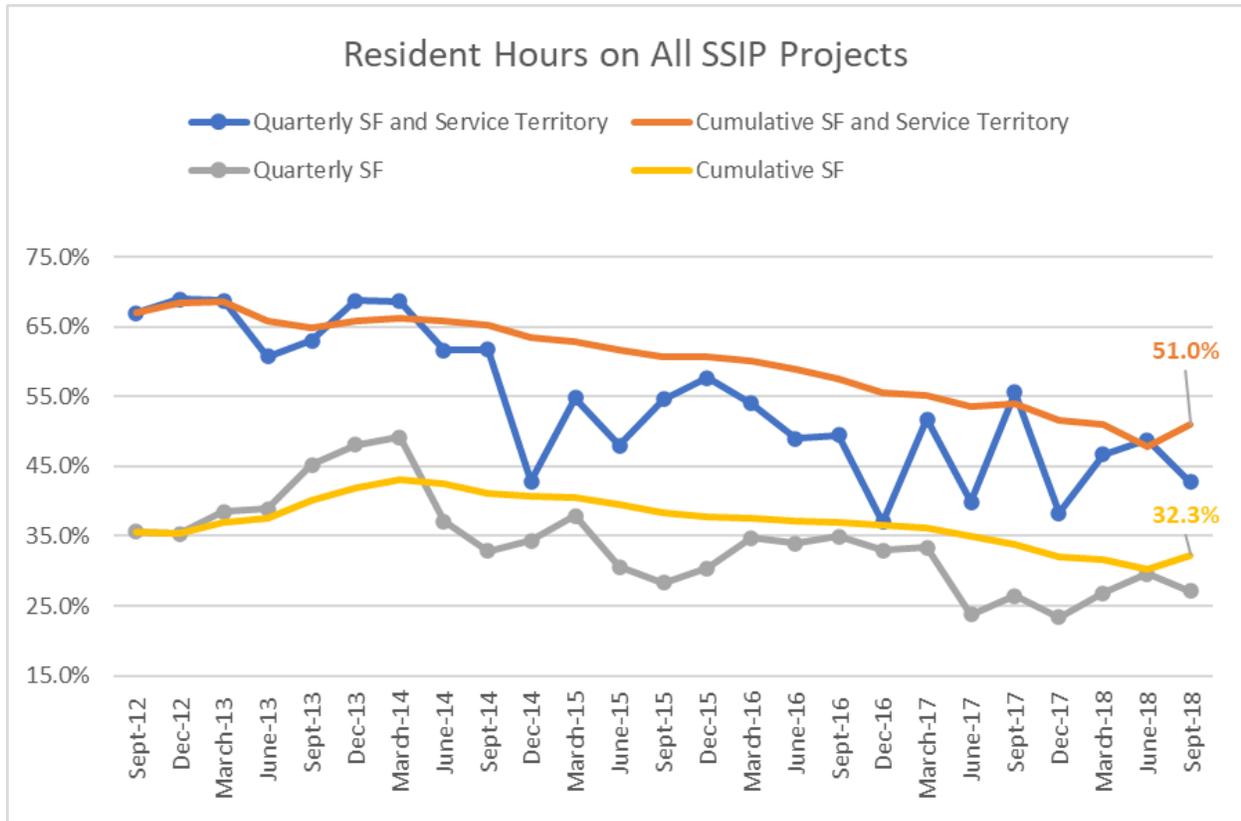


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Worker Residence Data

- Combined, San Francisco and SFPUC Regional Service Territory residents worked **51%** of all construction craft hours on SSIP to date.

Chart 3. Worker Residence Quarterly and Cumulative



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- San Francisco’s 442 workers worked **32.3%** 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 \$10.9 million in wages and benefits.

Table 5. Worker Residence by County

County	Total Craft Hours	Wages & Benefits	% Craft Hours	Worker Count
San Francisco County	155,217	\$ 10,854,387	32.3%	442
Contra Costa County	73,368	\$ 5,495,047	15.3%	295
Alameda County	58,269	\$ 3,722,149	12.1%	252
San Mateo County	34,964	\$ 2,610,462	7.3%	122
Solano County	27,587	\$ 2,255,944	5.7%	132
San Joaquin County	17,013	\$ 1,181,218	3.5%	66
Sonoma County	11,529	\$ 776,438	2.4%	30
Fresno County	10,614	\$ 676,735	2.2%	10
Tulare County	8,978	\$ 485,611	1.9%	4
Santa Clara County	8,213	\$ 529,113	1.7%	79
Merced County	7,725	\$ 577,689	1.6%	11
Sacramento County	7,580	\$ 615,226	1.6%	42
Kern County	6,958	\$ 434,165	1.4%	10
Marin County	6,524	\$ 339,227	1.4%	9
Riverside County	5,013	\$ 378,723	1.0%	10
Napa County	4,781	\$ 307,955	1.0%	9
Madera County	3,861	\$ 273,325	0.8%	9
Stanislaus County	2,776	\$ 173,756	0.6%	29
Placer County	2,686	\$ 297,839	0.6%	14
Los Angeles County	2,676	\$ 179,242	0.6%	12
Top 20 Counties by Hours	456,327	\$ 32,164,252	95.0%	1,587
All Other Counties	12,806	\$ 1,317,565	2.7%	
SSIP-PLA Total	480,508	\$ 34,405,284	100.0%	1,683

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The table below represents San Francisco’s ZIP Codes where the workers reside. On SSIP, workers currently reside in 27 of SF’s total 30 ZIP Codes.

- Total hours worked by SF residents on SSIP to date is approximately 155,000 hours.
- Workers living in the Southeast sector of the city, ZIP Codes 94124 and 94134 (Visitacion Valley, Portola), have worked nearly 47,000 hours
- Apprentices living in 94124 (Bayview Hunters Point) have worked close to one-third (**31%**) of all SF apprentice hours.

Table 6. SF Journey & Apprentice Hours by ZIP Code

Zip Code and Neighborhoods		Worker Count (Not Unique)	Apprentice Hours	Journey Hours	Total Hours
94124	Bayview Hunters Point	105	14,320	20,306	34,626
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	66	2,296	21,158	23,454
94110	Mission, Bernal Heights	50	6,594	11,528	18,121
94116	Sunset District, West Portal, Forest Hill	33	1,967	13,947	15,914
94134	Visitacion Valley, Portola	42	2,370	9,704	12,074
94132	Lake Merced, Merced Heights, San Francisco State	14	1,199	7,287	8,485
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	14	4,487	3,817	8,303
94122	Inner Sunset, Outer Sunset	21	2,042	4,841	6,882
94121	Outer Richmond	9	755	3,640	4,395
94130	Treasure Island	4	2,873	1,445	4,318
94107	SOMA, Dog Patch, Protrero Hill	21	784	3,009	3,793
94133	Chinatown, Telegraph Hill, North Beach, Fisherman's Wharf	8	13	2,908	2,921
94102	Hayes Valley, Civic Center, Tenderloin	10	1,050	1,491	2,540
94142	Tenderloin	2	-	1,902	1,902
94118	Inner Richmond	3	1,054	401	1,454
94114	Castro, Noe Valley	2	1,109	38	1,147
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park	7	347	764	1,111
94103	SOMA	6	530	507	1,037
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason	5	-	819	819
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA	7	8	581	589
94120	SOMA	3	176	291	467
94108	Chinatown, Union Square	4	350	54	404
94105	SOMA, Embarcadero	1	171	-	171
94104	Financial District	1	58	81	139
94123	Marina, Cow Hollow	2	-	75	75
94158	Mission Bay	1	48	-	48
94127	Balboa Terrace, St. Francis Wood, West Portal	1	-	33	33
SSIP San Francisco Total		442	44,596	110,621	155,217

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- Laborers living in San Francisco have worked nearly half (**46.8%**) of all San Francisco hours.
- San Francisco apprentice Laborers have worked **48.1%** of the 44,596 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	
T o t a l	Total Hours	217,938	59,132	48,519	38,893	40,159	25,361	50,507	480,508
	Total %	45.4%	12.3%	10.1%	8.1%	8.4%	5.3%	10.5%	
	San Francisco Hours	72,710	25,051	21,226	8,234	5,235	10,396	12,365	155,217
	Total % of San Francisco Hours	46.8%	16.1%	13.7%	5.3%	3.4%	6.7%	8.0%	
	Regional Service Territory Hours	42,639	9,382	10,741	4,181	4,121	6,084	12,555	89,702
	Total % of Regional Service Territory Hours	47.5%	10.5%	12.0%	4.7%	4.6%	6.8%	14.0%	
		Laborer	Electrician	Operating Engineer	Carpenter	Painter	Plumber	All Others	SSIP Total
A p p r e n t i c e	Total Hours	28,720	11,211	1,605	7,544	9,510	3,972	5,897	68,458
	Total %	42.0%	16.4%	2.3%	11.0%	13.9%	5.8%	8.6%	
	San Francisco Hours	21,471	11,325	1,305	2,501	3,193	2,189	2,613	44,596
	Total % of San Francisco Hours	48.1%	25.4%	2.9%	5.6%	7.2%	4.9%	5.9%	
	Regional Service Territory Hours	829	140	290	987	103	1,464	1,367	5,179
	Total % of Regional Service Territory Hours	16.0%	2.7%	5.6%	19.1%	2.0%	28.3%	26.4%	

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- The average participation rate of San Francisco workers on SSIP projects is currently **32.3%**.
- 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 % of Total Project Hours

Project	Hours				% of Total Project Hours		
	Total	San Francisco	Service Territory	Outside	San Francisco	Service Territory	Outside
WW-541 - SEP Oxygen Generation Plant Replacement	11,509	8,580	705	2,225	74.5%	6.1%	19.3%
WW-572R - Westside Pump Station Discharge Pipe Manifi	9,282	5,410	495	3,378	58.3%	5.3%	36.4%
WW-653 - Marin Street Sewer Replacement	12,774	5,949	2,858	3,967	46.6%	22.4%	31.1%
WW-609R - Holloway Green Street Stormwater Improveme	22,385	10,210	3,781	8,395	45.6%	16.9%	37.5%
WW-556 - SEP Chemical System Relocation and Facility	39,313	15,536	2,724	21,053	39.5%	6.9%	53.6%
WW-483RR - North Shore to Channel Force Main Improven	105,681	41,603	25,882	38,197	39.4%	24.5%	36.1%
WW-606R2 - OSP Door and Building 930 Exterior and Awr	3,315	1,283	617	1,416	38.7%	18.6%	42.7%
WW-628 - SEP New Headworks Facility	3,592	1,388	458	1,746	38.6%	12.8%	48.6%
WW-610R - Visitacion Valley Green Nodes	18,458	6,412	5,154	6,892	34.7%	27.9%	37.3%
WW-570 - OSP and Westside Pump Station HVAC Upgrad	11,421	3,916	2,722	4,784	34.3%	23.8%	41.9%
WW-657R - Drumm & Jackson Streets Sewer Improvemen	10,773	3,278	1,290	6,205	30.4%	12.0%	57.6%
WW-605R - Mission and Valencia Streets Green Gateway	19,998	5,943	5,187	8,869	29.7%	25.9%	44.4%
WW-599R - SEP Cryogenic Oxygen Plant Demolition and	4,761	1,352	1,523	1,887	28.4%	32.0%	39.6%
WW-632 - SEP Existing Digester Gas Handling Improveme	20,414	5,652	6,321	8,441	27.7%	31.0%	41.4%
WW-626 - SEP Primary and Secondary Clarifier Upgrades	74,955	20,163	14,892	39,900	26.9%	19.9%	53.2%
WW-651 - Griffith Pump Station Improvements	8,069	2,101	213	5,756	26.0%	2.6%	71.3%
WW-659 - Greenhouse Demolition at 1150 Phelps Street	3,096	743	648	1,706	24.0%	20.9%	55.1%
WW-658 - As-Needed Sewer Cleaning and Inspection of La	3,592	835	769	1,988	23.3%	21.4%	55.3%
WW-613 - SEP Building 521/522 and Disinfection Upgrades	61,168	11,897	5,070	44,202	19.4%	8.3%	72.3%
WW-614R2 - North Point Outfall Rehabilitation	35,920	2,971	8,398	24,551	8.3%	23.4%	68.3%
WW-647R - SEP Biosolids Digester Facilities Project	32	-	-	32	0.0%	0.0%	100.0%
Total SSIP Construction	480,508	155,217	89,702	235,589	32.3%	18.7%	49.0%

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Apprentice Data

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

- On SSIP to date, **14.2%** of all craft hours in apprenticeable trades have been worked by apprentices.

Table 9. Apprentice Utilization by Craft

Craft	Apprentice Hours	Journey Hours	Total Hours	Apprentice Percentage of Craft Total (Apprentice/Total)
Metal Roofing Systems Installer	72	93	165	43.6%
Glazier	120	176	295	40.5%
Asbestos Worker	128	199	327	39.1%
Roofer	79	214	293	27.0%
Painter	9,510	30,649	40,159	23.7%
Field Surveyor	1,004	3,767	4,771	21.0%
Iron Worker	1,009	4,003	5,011	20.1%
Carpenter	7,544	31,350	38,893	19.4%
Electrician	11,211	47,921	59,132	19.0%
Cement Mason	1,504	6,722	8,225	18.3%
Sheet Metal Worker	1,510	8,024	9,534	15.8%
Plumber	3,972	21,389	25,361	15.7%
Laborer	28,720	189,217	217,938	13.2%
Drywall Installer/Lather	90	897	987	9.1%
Pile Driver	351	9,941	10,292	3.4%
Operating Engineer	1,605	46,914	48,519	3.3%
Building/Construction Inspector	32	1,233	1,264	2.5%
Boilermaker	-	152	152	0.0%
Bricklayer	-	178	178	0.0%
Driver^	-	1,362	1,362	0.0%
Tunnel Worker^	-	5,057	5,057	0.0%
Teamster^	-	2,335	2,335	0.0%
Diver^	-	261	261	0.0%
SSIP Total	68,458	412,049	480,508	14.2%

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- Not including WW-647R SEP Biosolids Digester Facilities Project, which just started, WW-613 - SEP Building 521/522 and Disinfection Upgrades has the highest Apprentice Utilization to date with **21.8%** of all hours worked by apprentices.

Table 10. Apprentice Utilization by Project

Project Name	Total Hours	Apprentice Hours	Journey Hours	Apprentice Utilization %
WW-647R - SEP Biosolids Digester Facilities Project	32	32	-	100.0%
WW-613 - SEP Building 521/522 and Disinfection Upgrades	61,168	13,353	47,816	21.8%
WW-556 - SEP Chemical System Relocation and Facility Upgrades	39,313	8,255	31,058	21.0%
WW-572R - Westside Pump Station Discharge Pipe Manifold	9,282	1,949	7,333	21.0%
WW-606R2 - OSP Door and Building 930 Exterior and Awning Improvements	3,315	578	2,737	17.4%
WW-570 - OSP and Westside Pump Station HVAC Upgrades	11,421	1,845	9,576	16.2%
WW-651 - Griffith Pump Station Improvements	8,069	1,303	6,766	16.1%
WW-632 - SEP Existing Digester Gas Handling Improvements	20,414	3,272	17,141	16.0%
WW-626 - SEP Primary and Secondary Clarifier Upgrades	74,955	11,358	63,597	15.2%
WW-657R - Drumm & Jackson Streets Sewer Improvements	10,773	1,627	9,146	15.1%
WW-541 - SEP Oxygen Generation Plant Replacement	11,509	1,566	9,943	13.6%
WW-605R - Mission and Valencia Streets Green Gateway	19,998	2,720	17,278	13.6%
WW-483RR - North Shore to Channel Force Main Improvement	105,681	14,364	91,318	13.6%
WW-628 - SEP New Headworks Facility	3,592	311	3,281	8.6%
WW-614R2 - North Point Outfall Rehabilitation	35,920	2,750	33,170	7.7%
WW-610R - Visitacion Valley Green Nodes	18,458	1,245	17,214	6.7%
WW-609R - Holloway Green Street Stormwater Improvements	22,385	1,328	21,057	5.9%
WW-659 - Greenhouse Demolition at 1150 Phelps Street	3,096	131	2,965	4.2%
WW-653 - Marin Street Sewer Replacement	12,774	395	12,380	3.1%
WW-599R - SEP Cryogenic Oxygen Plant Demolition and Liquid Oxygen System	4,761	66	4,695	1.4%
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	3,592	14	3,578	0.4%
DB-126 - WWE Distributed Control System Upgrades	-	-	-	0.0%
WW-627R - Baker Beach Green Streets	-	-	-	0.0%
WW-639 - OSP Digester Gas Utilization Upgrades	-	-	-	0.0%
WW-667 - Mariposa Dry Weather Pump Station	-	-	-	0.0%
WW-674R - Geary Boulevard Sewer and Water Improvements	-	-	-	0.0%
SSIP Total	480,508	68,458	412,049	14.2%

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.

- 225 pre-employment tests have been administered on SSIP, with a total non-negative screening rate of **3%**. 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, 38 pre-employment substance abuse screenings were administered, and no 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	116
WW-628 - SEP New Headworks Facility	23
WW-570 - OSP and Westside Pump Station HVAC Upgrades	23
WW-647R - SEP Biosolids Digester Facilities Project	20
WW-657R - Drumm & Jackson Streets Sewer Improvements	15
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	11
WW-606R2 - OSP Door and Building 930 Exterior and Awning Improvements	7
WW-651 - Griffith Pump Station Improvements	5
WW-610R - Visitacion Valley Green Nodes	3
WW-599R - SEP Cryogenic Oxygen Plant Demolition and Liquid Oxygen System Upgrad	2
Total Cleared	225

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.

Sewer System Improvement Program Project Labor Agreement Quarterly Report

**October 1, 2018 through December 31, 2018
(Second Quarter FY 2018-2019)**

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

SEWER SYSTEM IMPROVEMENT PROGRAM | Grey. Green. Clean.

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Definitions

City	City and County of San Francisco
OEWD	The Office of Economic and Workforce Development of the City and County of San Francisco
OSP	Oceanside Water Pollution Control Plant
Outside	All ZIP Codes where workers reside not within San Francisco or the San Francisco Public Utilities Commission Service Territory
SEP	Southeast Water Pollution Control Plant
SFPUC	San Francisco Public Utilities Commission
SFPUC Regional Service Territory	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
SSIP	Sewer System Improvement Program
WEPS	Workforce and Economic Programs Services Bureau
WWE	Wastewater Enterprise

Executive Summary

Contracting and Employment Highlights – Program to Date:

- Twenty-six (26) construction contracts, with a combined value of \$1.43 billion, have been awarded.
- 497,231 total craft hours have been worked by 1,757 workers who earned \$35.6 million in wages and benefits.
- 458 San Francisco residents worked 160,184 hours (**32%**) and earned roughly \$11 million in wages and benefits, exceeding the City’s 30% Local Hiring requirement.
- Residents of the SFPUC’s Regional Service Territory worked 92,076 hours (**19%**) and earned over \$6.3 million in wages and benefits.

Table 1. Worker Highlights – Total Program

Region of Worker Residence	Inception Through December 31, 2018		
	Worker Count	Hours	Wages & Benefits
All Workers	1,757	497,231	\$ 35,627,335
San Francisco	458	160,184	\$ 11,169,241
SFPUC Service Territory	411	92,076	\$ 6,390,052
Outside	896	244,971	\$ 18,068,042

Contracting and Employment Highlights – During the Quarter:

- 305 construction workers worked 16,723 hours and earned \$1.2 million in wages and benefits.
- 56 San Francisco residents worked 4,967 hours and earned \$314,854 in wages and benefits.
- 61 SFPUC Service Territory residents worked 2,374 hours and earned \$182,962 in wages and benefits.

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Table 2. Summary of Craft Worker Employment During the Quarter

Region of Worker Residence	Three Months Ending December 31, 2018		
	Worker Count	Hours	Wages & Benefits
All Workers	305	16,723	\$ 1,222,051
San Francisco	56	4,967	\$ 314,854
SFPUC Service Territory	61	2,374	\$ 182,962
Outside	107	9,383	\$ 724,235

Table 3. List of SSIP Construction Contracts

Award Date	Contract Number	Prime Contractor	Project	Original Contract Award
9/25/2018	WW-627R	Minerva Construction	Baker Beach Green Streets	\$ 7,122,000
9/11/2018	WW-667	Western Water Constructors, Inc.	Mariposa Dry-Weather Pump Station	\$ 17,031,000
8/28/2018	WW-639	Monterey Mechanical	OSP Digester Gas Utilization Upgrades	\$ 38,449,000
8/28/2018	WW-674R	JMB Construction, Inc.	Geary Boulevard Sewer and Water Improvements	\$ 16,246,547
2/27/2018	WW-659	Azul Works, Inc.	Greenhouse Demolition at 1150 Phelps Street/1800	\$ 1,638,000
1/9/2018	WW-657R	Anvil Builders Inc.	Drumm & Jackson Streets Sewer Improvements	\$ 5,240,900
8/8/2017	WW-658	Pipe and Plant Solutions	As-Needed Sewer Cleaning and Inspection of Large	\$ 2,694,000
7/11/2017	WW-651	Western Water Constructors, Inc.	Griffith Pump Station Improvements	\$ 10,941,000
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 Improve	\$ 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 Upg	\$ 4,145,047
1/28/2014	WW-556	NTK Construction, Inc.	SEP Chemical System Relocation and Facility Upgrad	\$ 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
Total 29 Contracts				\$ 1,425,268,934

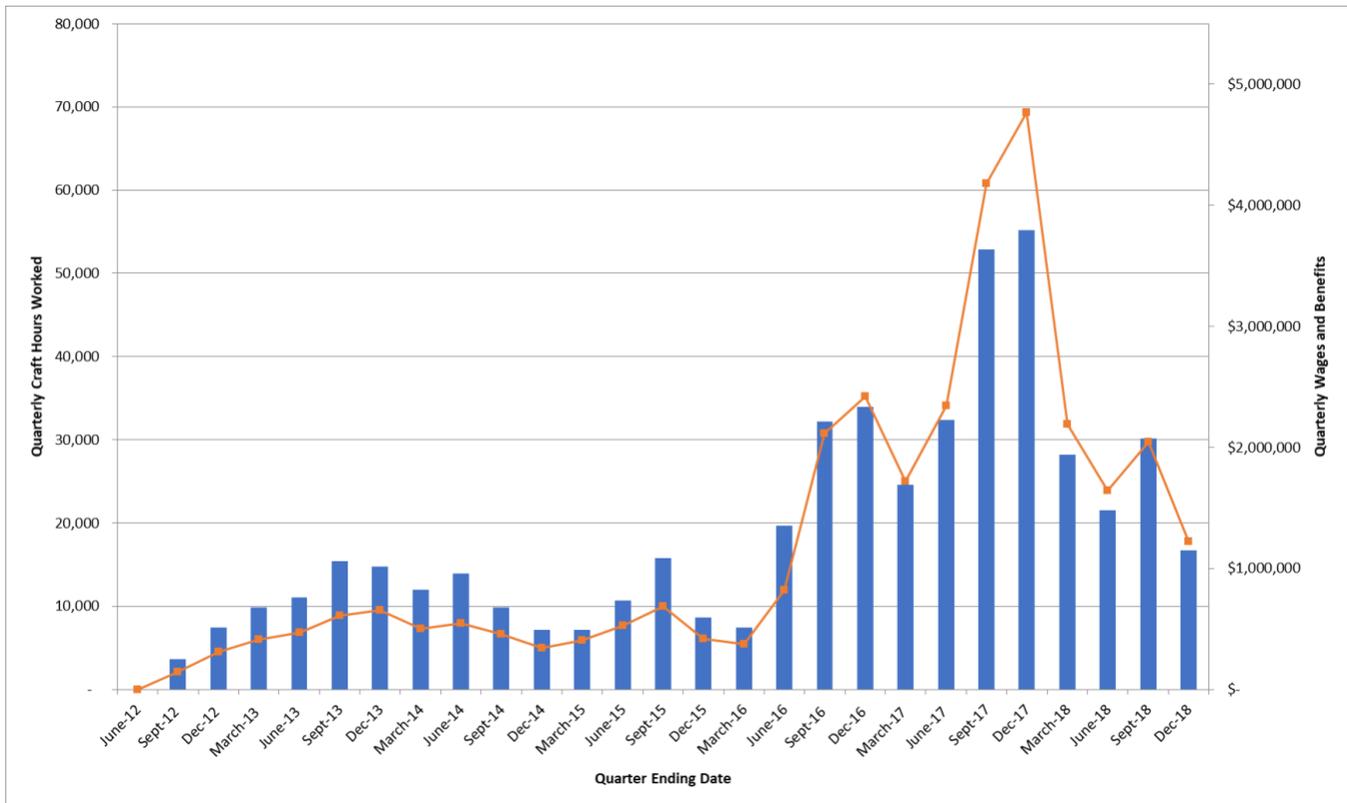
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Summary Tables and Charts

Craft Data

- During the quarter, construction workers worked 16,723 hours and earned \$1.22 million in wages and benefits.

Chart 1. Craft Hours and Wages



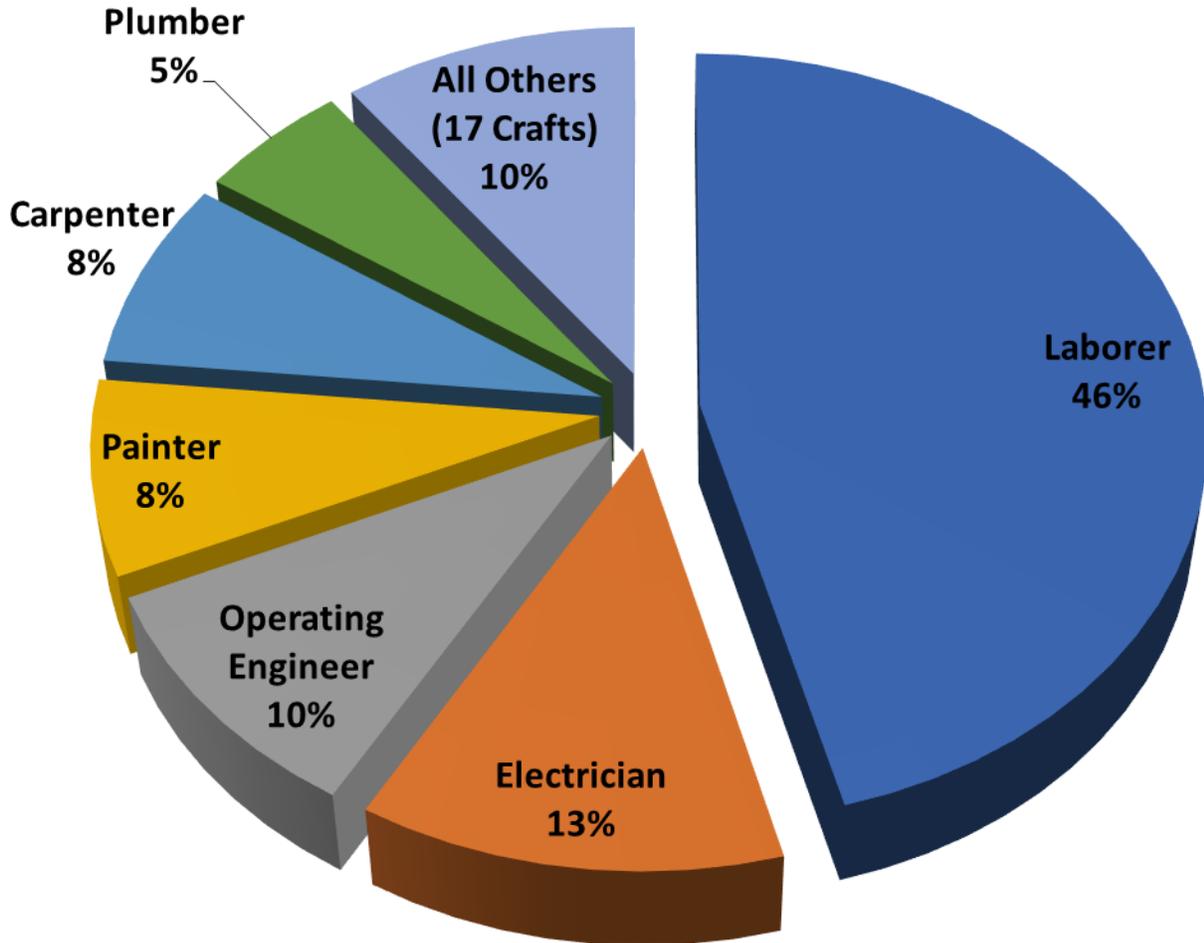
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- On SSIP, 1,757 construction workers worked 497,231 construction craft hours and earned \$35,627,335 in wages and benefits.
- Laborers, Electricians, Operating Engineers, Painters, Carpenters, and Plumbers worked approximately **90%** of all hours worked on SSIP, with over 446,000 combined hours worked.

Table 4. Craft Utilization Table

Craft	Total Hours	Total Wages & Benefits	% Craft Hours of Total Hours	% Wages of Total Wages
Laborer	228,179	\$ 12,517,622	45.9%	35.1%
Electrician	62,085	\$ 5,535,517	12.5%	15.5%
Operating Engineer	49,523	\$ 4,751,856	10.0%	13.3%
Painter	40,774	\$ 2,829,765	8.2%	7.9%
Carpenter	39,521	\$ 2,770,138	7.9%	7.8%
Plumber	26,131	\$ 2,916,928	5.3%	8.2%
Top 6 Sub-Total	446,212	\$ 31,321,826	89.7%	87.9%
Pile Driver	10,292	\$ 1,256,116	2.1%	3.5%
Sheet Metal Worker	9,701	\$ 1,048,413	2.0%	2.9%
Cement Mason	8,392	\$ 497,069	1.7%	1.4%
Iron Worker	5,160	\$ 277,246	1.0%	0.8%
Field Surveyor	4,771	\$ 274,594	1.0%	0.8%
Building/Construction Inspector	1,264	\$ 114,255	0.3%	0.3%
Drywall Installer/Lather	991	\$ 65,419	0.2%	0.2%
Asbestos Worker	327	\$ 22,744	0.1%	0.1%
Roofer	309	\$ 15,977	0.1%	0.0%
Glazier	295	\$ 20,260	0.1%	0.1%
Bricklayer	178	\$ 6,408	0.0%	0.0%
Metal Roofing Systems Installer	165	\$ 10,469	0.0%	0.0%
Boilermaker	152	\$ 10,547	0.0%	0.0%
Remaining Apprenticable Sub-Total	41,996	\$ 3,619,518	8.4%	10.2%
Tunnel Worker	5,057	\$ 308,584	1.0%	0.9%
Teamster	2,344	\$ 131,827	0.5%	0.4%
Driver	1,362	\$ 117,925	0.3%	0.3%
Diver	261	\$ 127,655	0.1%	0.4%
Total Non-Apprenticable	9,023	\$ 685,991	1.8%	1.9%
Total SSIP-Covered by PLA	497,231	\$ 35,627,335	100.0%	100.0%

Chart 2. Craft Utilization Pie Chart

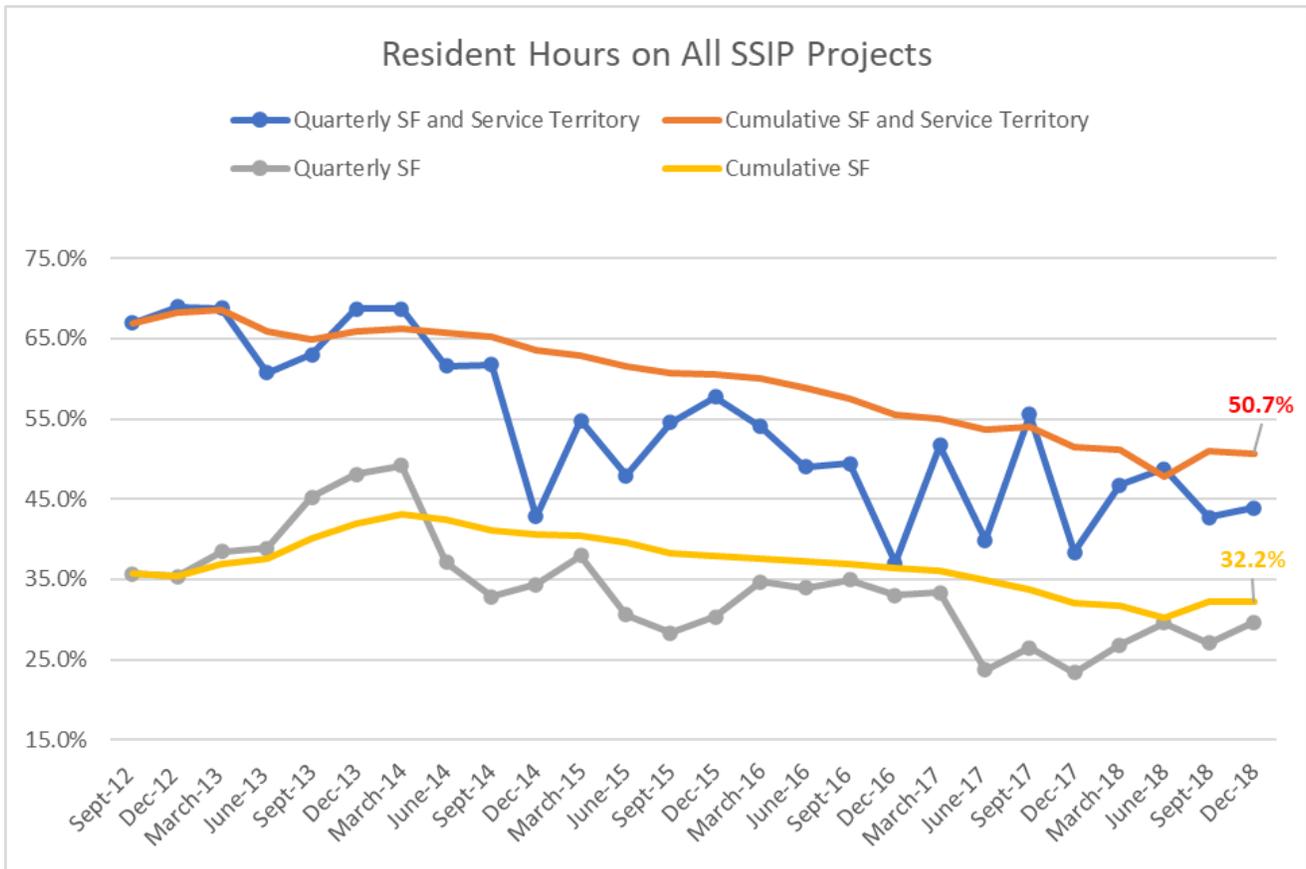


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Worker Residence Data

- Combined, San Francisco and SFPUC Regional Service Territory residents worked **51%** of all construction craft hours on SSIP to date.

Chart 3. Worker Residence Quarterly and Cumulative



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- San Francisco’s 458 workers worked **32.2%** 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 \$11 million in wages and benefits.

Table 5. Worker Residence by County

County	Total Craft Hours	Wages & Benefits	% Craft Hours	Worker Count
San Francisco County	160,184	\$ 11,169,241	32.2%	458
Contra Costa County	76,194	\$ 5,723,541	15.3%	308
Alameda County	61,018	\$ 3,901,904	12.3%	274
San Mateo County	36,194	\$ 2,716,725	7.3%	132
Solano County	28,260	\$ 2,315,885	5.7%	136
San Joaquin County	17,256	\$ 1,199,387	3.5%	69
Sonoma County	11,800	\$ 793,650	2.4%	30
Fresno County	10,752	\$ 691,693	2.2%	10
Tulare County	10,161	\$ 553,468	2.0%	4
Santa Clara County	8,393	\$ 544,964	1.7%	82
Merced County	8,109	\$ 624,413	1.6%	11
Sacramento County	7,983	\$ 660,859	1.6%	42
Kern County	6,958	\$ 434,165	1.4%	10
Marin County	6,524	\$ 339,227	1.3%	9
Riverside County	5,013	\$ 378,723	1.0%	10
Napa County	4,781	\$ 307,955	1.0%	9
Madera County	4,325	\$ 311,273	0.9%	9
Los Angeles County	3,402	\$ 223,868	0.7%	12
Stanislaus County	2,905	\$ 183,980	0.6%	31
Monterey County	2,695	\$ 320,418	0.5%	7
Top 20 Counties by Hours	472,903	\$ 33,395,340	95.1%	1,653
All Other Counties	12,953	\$ 1,308,529	2.6%	
SSIP-PLA Total	497,231	\$ 35,627,335	100.0%	1,757

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The table below represents San Francisco’s ZIP Codes where the workers reside. On SSIP, workers currently reside in 27 of SF’s total 30 ZIP Codes.

- Total hours worked by SF residents on SSIP to date is approximately 160,000 hours.
- Workers living in the Southeast sector of the city, ZIP Codes 94124 (Bayview Hunters Point) and 94134 (Visitacion Valley, Portola), have worked nearly 47,000 hours.
- Apprentices living in 94124 have worked close to one-third (31%) of all SF apprentice hours.

Table 6. SF Journey & Apprentice Hours by ZIP Code

Zip Code and Neighborhoods		Worker Count (Not Unique)	Apprentice Hours	Journey Hours	Total Hours
94124	Bayview Hunters Point	110	14,726	21,256	35,982
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	68	2,456	21,667	24,123
94110	Mission, Bernal Heights	50	6,594	12,313	18,906
94116	Sunset District, West Portal, Forest Hill	33	1,967	14,105	16,072
94134	Visitacion Valley, Portola	42	2,370	9,798	12,168
94132	Lake Merced, Merced Heights, San Francisco State	15	1,331	7,492	8,823
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	15	4,712	3,826	8,538
94122	Inner Sunset, Outer Sunset	21	2,302	4,880	7,182
94121	Outer Richmond	12	755	3,837	4,592
94130	Treasure Island	4	2,873	1,445	4,318
94107	SOMA, Dog Patch, Protrero Hill	21	784	3,451	4,235
94133	Chinatown, Telegraph Hill, North Beach, Fisherman's Wharf	8	117	2,951	3,068
94102	Hayes Valley, Civic Center, Tenderloin	11	1,050	1,535	2,585
94142	Tenderloin	2	-	1,902	1,902
94118	Inner Richmond	4	1,054	426	1,479
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park	7	347	808	1,155
94114	Castro, Noe Valley	2	1,109	38	1,147
94103	SOMA	7	530	590	1,120
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason	5	-	819	819
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA	7	8	581	589
94120	SOMA	3	176	291	467
94108	Chinatown, Union Square	4	350	54	404
94105	SOMA, Embarcadero	2	171	9	180
94104	Financial District	1	58	121	179
94123	Marina, Cow Hollow	2	-	75	75
94158	Mission Bay	1	48		48
94127	Balboa Terrace, St. Francis Wood, West Portal	1	-	33	33
SSIP San Francisco Total		458	45,885	114,299	160,184

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- Laborers living in San Francisco have worked nearly half (**47.6%**) of all San Francisco hours.
- San Francisco apprentice Laborers have worked **48.4%** of the 45,885 total hours worked by San Francisco apprentices.

Table 7. Worker Residence by Craft

		Craft							
		Laborer	Electrician	Operating Engineer	Carpenter	Painter	Plumber	All Others	SSIP Total
T o t a l	Total Hours	228,179	62,085	49,523	39,521	40,774	26,131	51,018	497,231
	Total %	45.9%	12.5%	10.0%	7.9%	8.2%	5.3%	10.3%	
	San Francisco Hours	76,237	25,852	21,473	8,266	5,378	10,396	12,582	160,184
	Total % of San Francisco Hours	47.6%	16.1%	13.4%	5.2%	3.4%	6.5%	7.9%	
	Regional Service Territory Hours	43,722	9,656	11,104	4,233	4,210	6,494	12,658	92,076
	Total % of Regional Service Territory Hours	47.5%	10.5%	12.1%	4.6%	4.6%	7.1%	13.7%	
		Laborer	Electrician	Operating Engineer	Carpenter	Painter	Plumber	All Others	SSIP Total
A p p r e n t i c e	Total Hours	30,027	11,927	1,701	7,589	9,572	4,219	6,014	71,048
	Total %	42.3%	16.8%	2.4%	10.7%	13.5%	5.9%	8.5%	
	San Francisco Hours	22,189	11,325	2,085	2,533	3,193	2,189	2,372	45,885
	Total % of San Francisco Hours	48.4%	24.7%	4.5%	5.5%	7.0%	4.8%	5.2%	
	Regional Service Territory Hours	829	140	290	987	103	1,711	1,383	5,442
	Total % of Regional Service Territory Hours	15.2%	2.6%	5.3%	18.1%	1.9%	31.4%	25.4%	

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- The average participation rate of San Francisco workers on SSIP projects is currently **32.2%**.
- 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 % of Total Project Hours

Project	Hours			% of Total Project Hours			
	Total	San Francisco	Service Territory	Outside	San Francisco	Service Territory	Outside
WW-541 - SEP Oxygen Generation Plant Replacement	11,509.00	8,580	705	2,225	74.5%	6.1%	19.3%
WW-572R - Westside Pump Station Discharge Pipe Man	9,282.00	5,410	495	3,378	58.3%	5.3%	36.4%
WW-653 - Marin Street Sewer Replacement	12,774.25	5,949	2,858	3,967	46.6%	22.4%	31.1%
WW-609R - Holloway Green Street Stormwater Improve	22,385.38	10,210	3,781	8,395	45.6%	16.9%	37.5%
WW-628 - SEP New Headworks Facility	4,994.50	2,106	630	2,259	42.2%	12.6%	45.2%
WW-556 - SEP Chemical System Relocation and Facility	39,313.00	15,536	2,724	21,053	39.5%	6.9%	53.6%
WW-483RR - North Shore to Channel Force Main Improv	105,681.35	41,603	25,882	38,197	39.4%	24.5%	36.1%
WW-606R2 - OSP Door and Building 930 Exterior and Aw	4,119.01	1,591	854	1,675	38.6%	20.7%	40.7%
WW-610R - Visitation Valley Green Nodes	18,878.25	6,518	5,336	7,025	34.5%	28.3%	37.2%
WW-570 - OSP and Westside Pump Station HVAC Upgra	11,731.75	3,916	2,726	5,090	33.4%	23.2%	43.4%
WW-605R - Mission and Valencia Streets Green Gatewa	19,998.25	5,943	5,187	8,869	29.7%	25.9%	44.4%
WW-599R - SEP Cryogenic Oxygen Plant Demolition and	5,719.50	1,684	1,874	2,162	29.4%	32.8%	37.8%
WW-657R - Drumm & Jackson Streets Sewer Improve	14,942.50	4,382	1,664	8,897	29.3%	11.1%	59.5%
WW-626 - SEP Primary and Secondary Clarifier Upgrades	75,004.75	20,163	14,900	39,942	26.9%	19.9%	53.3%
WW-632 - SEP Existing Digester Gas Handling Improvem	21,342.50	5,703	6,639	9,001	26.7%	31.1%	42.2%
WW-659 - Greenhouse Demolition at 1150 Phelps Stree	3,446.05	868	739	1,840	25.2%	21.4%	53.4%
WW-651 - Griffith Pump Station Improvements	10,035.25	2,511	224	7,301	25.0%	2.2%	72.8%
WW-613 - SEP Building 521/522 and Disinfection Upgrad	65,235.10	13,563	5,159	46,514	20.8%	7.9%	71.3%
WW-658 - As-Needed Sewer Cleaning and Inspection of	4,023.20	835	901	2,287	20.8%	22.4%	56.9%
WW-647R - SEP Biosolids Digester Facilities Project	868.50	145	394	330	16.7%	45.4%	37.9%
WW-614R2 - North Point Outfall Rehabilitation	35,920.48	2,971	8,398	24,551	8.3%	23.4%	68.3%
WW-639 - OSP Digester Gas Utilization Upgrades	26.00	-	10	16	0.0%	38.5%	61.5%
Total SSIP Construction	497,230.57	160,184	92,076	244,971	32.2%	18.5%	49.3%

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Apprentice Data

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

- On SSIP to date, **14.3%** of all craft hours in apprenticeable trades have been worked by apprentices.

Table 9. Apprentice Utilization by Craft

Craft	Apprentice Hours	Journey Hours	Total Hours	Appretice Percentage of Craft Total (Apprentice/Total)
Metal Roofing Systems Installer	72	93	165	43.6%
Glazier	120	176	295	40.5%
Asbestos Worker	128	199	327	39.1%
Roofer	79	230	309	25.6%
Painter	9,572	31,202	40,774	23.5%
Field Surveyor	1,004	3,767	4,771	21.0%
Iron Worker	1,086	4,075	5,160	21.0%
Electrician	11,927	50,158	62,085	19.2%
Carpenter	7,589	31,933	39,521	19.2%
Cement Mason	1,520	6,872	8,392	18.1%
Plumber	4,219	21,912	26,131	16.1%
Sheet Metal Worker	1,534	8,167	9,701	15.8%
Laborer	30,027	198,152	228,179	13.2%
Drywall Installer/Lather	90	901	991	9.0%
Operating Engineer	1,701	47,822	49,523	3.4%
Pile Driver	351	9,941	10,292	3.4%
Building/Construction Inspector	32	1,233	1,264	2.5%
Boilermaker	-	152	152	0.0%
Bricklayer	-	178	178	0.0%
Tunnel Worker^	-	5,057	5,057	0.0%
Teamster^	-	2,344	2,344	0.0%
Driver^	-	1,362	1,362	0.0%
Diver^	-	261	261	0.0%
SSIP Total	71,048	426,183	497,231	14.3%

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- WW-613 - SEP Building 521/522 and Disinfection Upgrades has the highest Apprentice Utilization to date with **22.1%** of all hours worked by apprentices.

Table 10. Apprentice Utilization by Project

Project Name	Total Hours	Apprentice Hours	Journey Hours	Apprentice Utilization %
WW-613 - SEP Building 521/522 and Disinfection Upgrades	65,235	14,441	50,794	22.1%
WW-556 - SEP Chemical System Relocation and Facility Upgrades	39,313	8,255	31,058	21.0%
WW-572R - Westside Pump Station Discharge Pipe Manifold	9,282	1,949	7,333	21.0%
WW-606R2 - OSP Door and Building 930 Exterior and Awning Improv	4,119	717	3,402	17.4%
WW-632 - SEP Existing Digester Gas Handling Improvements	21,343	3,519	17,824	16.5%
WW-651 - Griffith Pump Station Improvements	10,035	1,640	8,395	16.3%
WW-570 - OSP and Westside Pump Station HVAC Upgrades	11,732	1,904	9,828	16.2%
WW-626 - SEP Primary and Secondary Clarifier Upgrades	75,005	11,358	63,647	15.1%
WW-657R - Drumm & Jackson Streets Sewer Improvements	14,943	2,190	12,753	14.7%
WW-541 - SEP Oxygen Generation Plant Replacement	11,509	1,566	9,943	13.6%
WW-605R - Mission and Valencia Streets Green Gateway	19,998	2,720	17,278	13.6%
WW-483RR - North Shore to Channel Force Main Improvement	105,681	14,364	91,318	13.6%
WW-628 - SEP New Headworks Facility	4,995	445	4,550	8.9%
WW-614R2 - North Point Outfall Rehabilitation	35,920	2,750	33,170	7.7%
WW-610R - Visitacion Valley Green Nodes	18,878	1,251	17,628	6.6%
WW-609R - Holloway Green Street Stormwater Improvements	22,385	1,328	21,057	5.9%
WW-659 - Greenhouse Demolition at 1150 Phelps Street	3,446	147	3,299	4.3%
WW-647R - SEP Biosolids Digester Facilities Project	869	32	837	3.6%
WW-653 - Marin Street Sewer Replacement	12,774	395	12,380	3.1%
WW-599R - SEP Cryogenic Oxygen Plant Demolition and Liquid Oxy	5,720	66	5,654	1.2%
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewer	4,023	14	4,009	0.3%
WW-639 - OSP Digester Gas Utilization Upgrades	26	-	26	0.0%
WW-674R - Geary Boulevard Sewer and Water Improvements	-	-	-	0.0%
WW-627R - Baker Beach Green Streets	-	-	-	0.0%
DB-126 - WWT Distributed Control System Upgrades	-	-	-	0.0%
SSIP Total	497,231	71,048	426,183	14.3%

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.

- 265 pre-employment tests have been administered on SSIP, with a total non-negative screening rate of **3%**. 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, 40 pre-employment substance abuse screenings were administered, and three 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	116
WW-647R - SEP Biosolids Digester Facilities Project	50
WW-628 - SEP New Headworks Facility	33
WW-570 - OSP and Westside Pump Station HVAC Upgrades	23
WW-657R - Drumm & Jackson Streets Sewer Improvements	15
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	11
WW-606R2 - OSP Door and Building 930 Exterior and Awning Improvements	7
WW-651 - Griffith Pump Station Improvements	5
WW-610R - Visitacion Valley Green Nodes	3
WW-599R - SEP Cryogenic Oxygen Plant Demolition and Liquid Oxygen System Upgrad	2
Total Cleared	265

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.

Sewer System Improvement Program Project Labor Agreement Quarterly Report

**January 1, 2019 Ending March 31, 2019
(Third Quarter FY 2018-2019)**

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

SEWER SYSTEM IMPROVEMENT PROGRAM | Grey. Green. Clean.

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Project	Hours				% of Total Project Hours		
	Total	San Francisco	Service Territory	Outside	San Francisco	Service Territory	Outside
WW-541 - SEP Oxygen Generation Plant Replacem	11,509.00	8,580	705	2,225	74.5%	6.1%	19.3%
WW-572R - Westside Pump Station Discharge Pipe	9,282.00	5,410	495	3,378	58.3%	5.3%	36.4%
WW-653 - Marin Street Sewer Replacement	12,774.25	5,949	2,858	3,967	46.6%	22.4%	31.1%
WW-609R - Holloway Green Street Stormwater Impr	22,385.38	10,210	3,781	8,395	45.6%	16.9%	37.5%
WW-674R - Geary Boulevard Sewer and Water Impr	2,096.50	868	519	711	41.4%	24.7%	33.9%
WW-556 - SEP Chemical System Relocation and Fa	39,313.00	15,536	2,724	21,053	39.5%	6.9%	53.6%
WW-483RR - North Shore to Channel Force Main Im	105,681.35	41,603	25,882	38,197	39.4%	24.5%	36.1%
WW-606R2 - OSP Door and Building 930 Exterior ar	4,832.01	1,841	1,137	1,855	38.1%	23.5%	38.4%
WW-628 - SEP New Headworks Facility	20,847.25	7,257	2,511	11,080	34.8%	12.0%	53.1%
WW-610R - Visitation Valley Green Nodes	18,907.25	6,518	5,342	7,048	34.5%	28.3%	37.3%
WW-570 - OSP and Westside Pump Station HVAC	11,783.25	3,929	2,726	5,129	33.3%	23.1%	43.5%
WW-627R - Baker Beach Green Streets	369.25	111	232	26	30.1%	62.9%	7.0%
WW-605R - Mission and Valencia Streets Green Gat	19,998.25	5,943	5,187	8,869	29.7%	25.9%	44.4%
WW-657R - Drumm & Jackson Streets Sewer Impr	14,942.50	4,382	1,664	8,897	29.3%	11.1%	59.5%
WW-639 - OSP Digester Gas Utilization Upgrades	1,363.00	374	398	591	27.4%	29.2%	43.4%
WW-626 - SEP Primary and Secondary Clarifier Upg	75,016.75	20,163	14,900	39,954	26.9%	19.9%	53.3%
WW-632 - SEP Existing Digester Gas Handling Impr	21,826.50	5,777	6,759	9,291	26.5%	31.0%	42.6%
WW-599R - SEP Cryogenic Oxygen Plant Demolitio	7,096.30	1,850	2,417	2,829	26.1%	34.1%	39.9%
WW-659 - Greenhouse Demolition at 1150 Phelps S	3,446.05	868	739	1,840	25.2%	21.4%	53.4%
WW-651 - Griffith Pump Station Improvements	10,985.25	2,736	228	8,022	24.9%	2.1%	73.0%
WW-647R - SEP Biosolids Digester Facilities Projec	1,641.50	407	671	564	24.8%	40.8%	34.4%
WW-667 - Mariposa Dry Weather Pump Station	73.00	16		57	21.9%	0.0%	78.1%
WW-613 - SEP Building 521/522 and Disinfection Up	67,280.10	14,669	5,159	47,453	21.8%	7.7%	70.5%
WW-658 - As-Needed Sewer Cleaning and Inspectio	4,023.20	835	901	2,287	20.8%	22.4%	56.9%
WW-614R2 - North Point Outfall Rehabilitation	35,920.48	2,971	8,398	24,551	8.3%	23.4%	68.3%
Total SSIP Construction	523,393.37	168,799	96,329	258,265	32.3%	18.4%	49.3%

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City	City and County of San Francisco
OEWD	The Office of Economic and Workforce Development of the City and County of San Francisco
OSP	Oceanside Water Pollution Control Plant
Outside	All ZIP Codes where workers reside not within San Francisco or the San Francisco Public Utilities Commission Service Territory
SEP	Southeast Water Pollution Control Plant
SFPUC	San Francisco Public Utilities Commission
SFPUC Regional Service Territory	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
SSIP	Sewer System Improvement Program
WEPS	Workforce and Economic Programs Services Bureau
WWE	Wastewater Enterprise

Definitions

Executive Summary

Contracting and Employment Highlights – Program to Date:

- Twenty-seven (27) construction contracts, with a combined value of \$1.49 billion, have been awarded.
- 523,393 total craft hours have been worked by 1,934 workers who earned \$37.6 million in wages and benefits.
- 500 San Francisco residents worked 168,799 hours (**32%**) and earned roughly \$11.7 million in wages and benefits, exceeding the City’s 30% Local Hiring requirement.
- Residents of the SFPUC’s Regional Service Territory worked 96,329 hours (**18%**) and earned over \$6.7 million in wages and benefits.

Table 1. Worker Highlights – Total Program

Region of Worker Residence	Inception Through March 31, 2019		
	Worker Count	Hours	Wages & Benefits
All Workers	1,934	523,393	\$ 37,608,784
San Francisco	500	168,799	\$ 11,744,042
SFPUC Service Territory	459	96,329	\$ 6,731,032
Outside	986	258,265	\$ 19,133,709

Contracting and Employment Highlights – During the Quarter:

- There was one contract awarded:
 - WW-682R Southeast Community Center at 1550 Evans was awarded to Charles Pankow Builders, Inc., for \$71,181,251.
- 305 construction workers worked 26,163 hours and earned \$1.9 million in wages and benefits.
- 81 San Francisco residents worked 8,616 hours and earned \$574,801 in wages and benefits.
- 71 SFPUC Service Territory residents worked 4,253 hours and earned \$340,981 in wages and benefits.

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Table 2. Summary of Craft Worker Employment During the Quarter

Region of Worker Residence	Three Months Ending March 31, 2019		
	Worker Count	Hours	Wages & Benefits
All Workers	305	26,163	\$ 1,981,449
San Francisco	81	8,616	\$ 574,801
SFPUC Service Territory	71	4,253	\$ 340,981
Outside	153	13,294	\$ 1,065,667

Table 3. List of SSIP Construction Contracts

Award Date	Contract Number	Prime Contractor	Project	Original Contract Award
1/22/2019	WW-682R	Charles Pankow Builders, Inc.	Southeast Community Center at 1550 Evans	\$ 71,181,251
9/25/2018	WW-627R	Minerva Construction	Baker Beach Green Streets	\$ 7,122,000
9/11/2018	WW-667	Western Water Constructors, Inc.	Mariposa Dry-Weather Pump Station	\$ 17,031,000
8/28/2018	WW-639	Monterey Mechanical	OSP Digester Gas Utilization Upgrades	\$ 38,449,000
8/28/2018	WW-674R	JMB Construction, Inc.	Geary Boulevard Sewer and Water Improvements	\$ 16,246,547
2/27/2018	WW-659	Azul Works, Inc.	Greenhouse Demolition at 1150 Phelps Street/1800	\$ 1,638,000
1/9/2018	WW-657R	Anvil Builders Inc.	Drumm & Jackson Streets Sewer Improvements	\$ 5,240,900
8/8/2017	WW-658	Pipe and Plant Solutions	As-Needed Sewer Cleaning and Inspection of Large	\$ 2,694,000
7/11/2017	WW-651	Western Water Constructors, Inc.	Griffith Pump Station Improvements	\$ 10,941,000
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	Visitacion 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 Improve	\$ 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 Upg	\$ 4,145,047
1/28/2014	WW-556	NTK Construction, Inc.	SEP Chemical System Relocation and Facility Upgrad	\$ 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
Total 27 Contracts				\$ 1,496,450,185

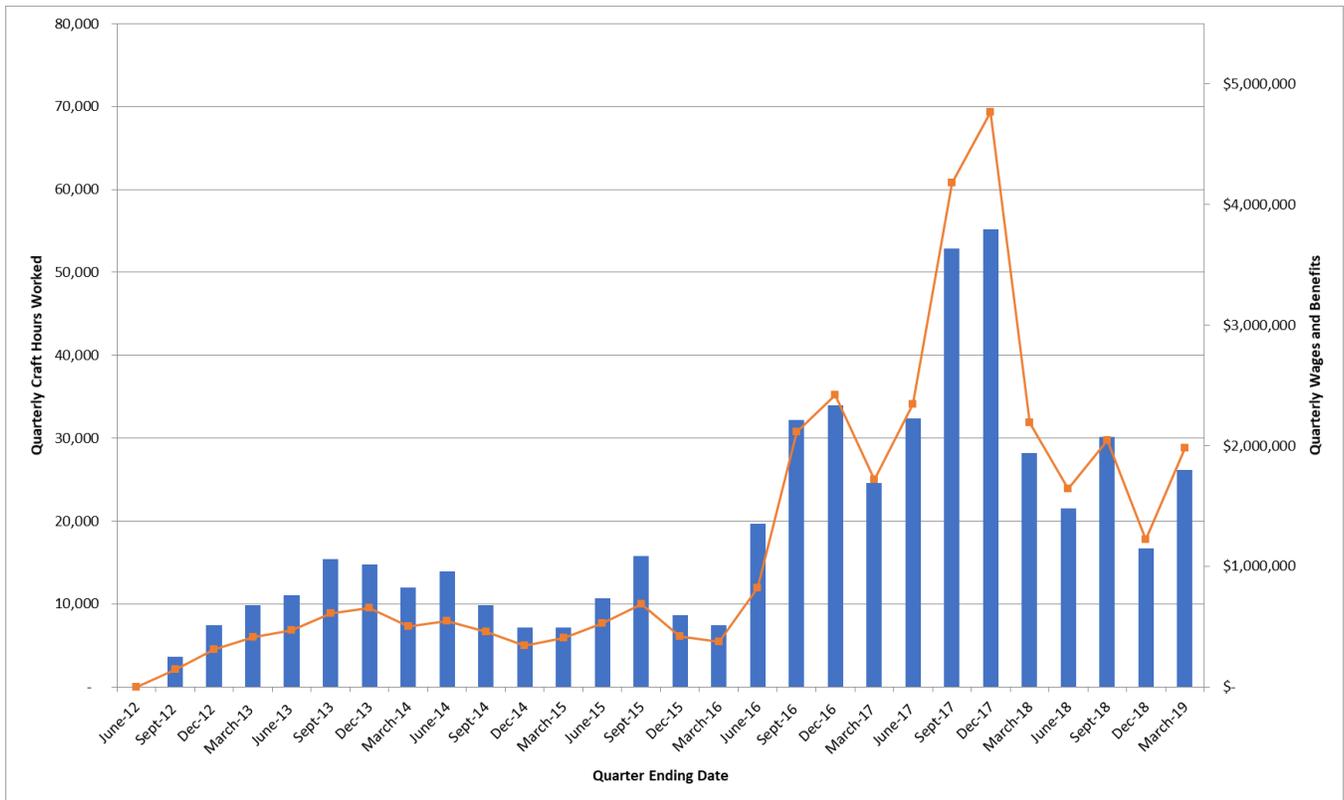
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Summary Tables and Charts

Craft Data

- During the quarter, construction workers worked 26,163 hours and earned \$1.98 million in wages and benefits.

Chart 1. Craft Hours and Wages



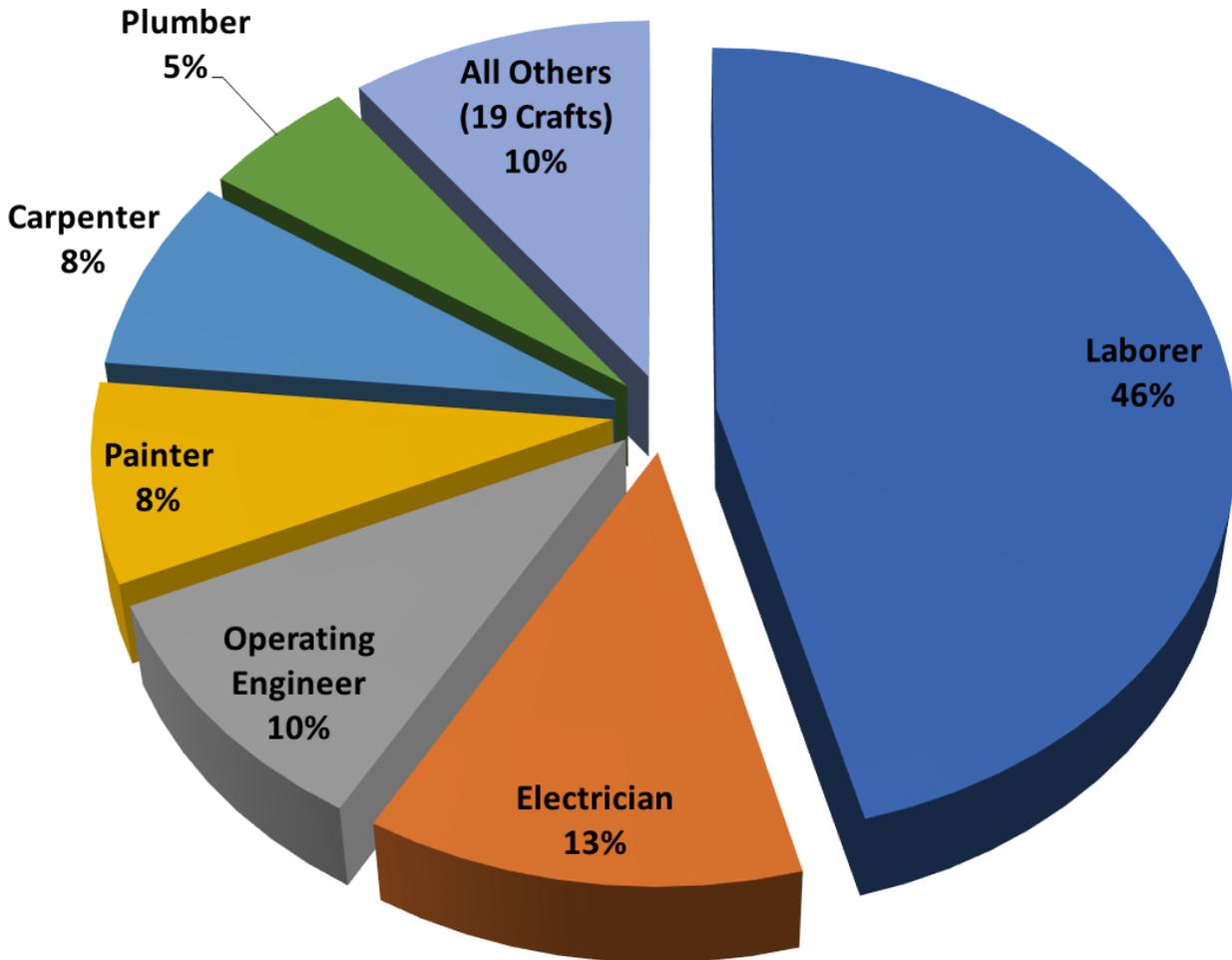
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- On SSIP, 1,934 construction workers worked 523,393 construction craft hours and earned \$37,608,784 in wages and benefits.
- Laborers, Electricians, Operating Engineers, Painters, Carpenters, and Plumbers worked approximately **90%** of all hours worked on SSIP, with over 470,000 combined hours worked.

Table 4. Craft Utilization Table

Craft	Total Hours	Total Wages & Benefits	% Craft Hours of Total Hours	% Wages of Total Wages
Laborer	239,487	\$ 13,182,444	45.8%	35.1%
Electrician	67,638	\$ 6,118,283	12.9%	16.3%
Operating Engineer	55,564	\$ 5,237,247	10.6%	13.9%
Painter	41,398	\$ 2,870,545	7.9%	7.6%
Carpenter	40,083	\$ 2,820,671	7.7%	7.5%
Plumber	26,316	\$ 2,939,009	5.0%	7.8%
Top 6 Sub-Total	470,485	\$ 33,168,199	89.9%	88.2%
Pile Driver	10,585	\$ 1,280,515	2.0%	3.4%
Sheet Metal Worker	9,757	\$ 1,054,421	1.9%	2.8%
Cement Mason	8,420	\$ 499,102	1.6%	1.3%
Iron Worker	6,159	\$ 341,918	1.2%	0.9%
Field Surveyor	4,771	\$ 274,594	0.9%	0.7%
Building/Construction Inspector	1,280	\$ 115,164	0.2%	0.3%
Drywall Installer/Lather	1,003	\$ 66,525	0.2%	0.2%
Asbestos Worker	327	\$ 22,744	0.1%	0.1%
Glazier	319	\$ 22,231	0.1%	0.1%
Roofer	309	\$ 15,977	0.1%	0.0%
Bricklayer	178	\$ 6,408	0.0%	0.0%
Metal Roofing Systems Installer	165	\$ 10,469	0.0%	0.0%
Boilermaker	152	\$ 10,547	0.0%	0.0%
Electrical Utility Lineman	36	\$ 1,943	0.0%	0.0%
Plasterer	24	\$ 1,696	0.0%	0.0%
Remaining Apprenticeable Sub-Total	43,484	\$ 3,724,255	8.3%	9.9%
Tunnel Worker	5,057	\$ 308,584	1.0%	0.8%
Teamster	2,583	\$ 148,547	0.5%	0.4%
Driver	1,524	\$ 131,544	0.3%	0.3%
Diver	261	\$ 127,655	0.0%	0.3%
Total Non-Apprenticeable	9,424	\$ 716,330	1.8%	1.9%
Total SSIP-Covered by PLA	523,393	\$ 37,608,784	100.0%	100.0%

Chart 2. Craft Utilization Pie Chart

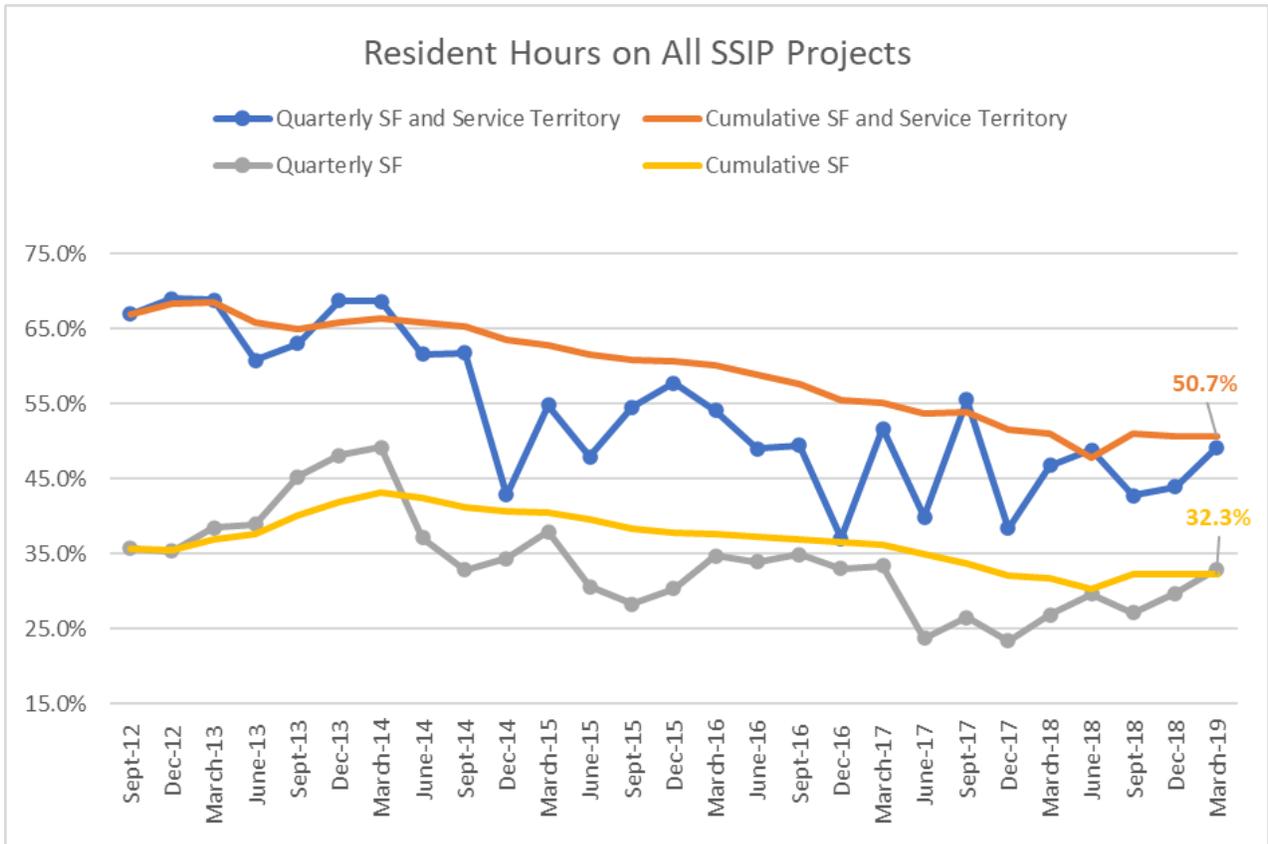


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Worker Residence Data

- Combined, San Francisco and SFPUC Regional Service Territory residents worked **51%** of all construction craft hours on SSIP to date.

Chart 3. Worker Residence Quarterly and Cumulative



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- San Francisco’s 500 workers worked **32.3%** 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 \$11.7 million in wages and benefits.

Table 5. Worker Residence by County

County	Total Craft Hours	Wages	% Craft Hours	Worker Count
San Francisco County	168,799	\$ 11,744,042	32.3%	500
Contra Costa County	82,546	\$ 6,213,224	15.8%	351
Alameda County	64,399	\$ 4,149,312	12.3%	306
San Mateo County	37,676	\$ 2,836,678	7.2%	141
Solano County	29,723	\$ 2,451,708	5.7%	143
San Joaquin County	18,255	\$ 1,277,534	3.5%	82
Sonoma County	11,898	\$ 801,655	2.3%	31
Fresno County	11,068	\$ 725,296	2.1%	12
Tulare County	10,632	\$ 576,129	2.0%	4
Santa Clara County	8,679	\$ 563,228	1.7%	87
Sacramento County	8,664	\$ 738,155	1.7%	49
Merced County	8,300	\$ 652,272	1.6%	13
Kern County	6,958	\$ 434,165	1.3%	10
Marin County	6,524	\$ 339,227	1.2%	9
Riverside County	5,528	\$ 418,594	1.1%	12
Napa County	4,781	\$ 307,955	0.9%	9
Madera County	4,381	\$ 317,370	0.8%	9
Los Angeles County	3,402	\$ 223,868	0.6%	12
Stanislaus County	3,091	\$ 200,419	0.6%	35
Monterey County	2,702	\$ 321,307	0.5%	7
Top 20 Counties by Hours	498,001	\$ 35,292,139	95.1%	1,822
All Other Counties	13,414	\$ 1,343,612	2.6%	
SSIP-PLA Total	523,393	\$ 37,608,784	100.0%	1,934

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The table below represents San Francisco’s ZIP Codes where the workers reside. On SSIP, workers currently reside in 27 of SF’s total 30 ZIP Codes.

- Workers living in the Southeast sector of the city, ZIP Codes 94124 and 94134 (Visitacion Valley, Portola), have worked nearly 51,000 hours
- Apprentices living in 94124 (Bayview Hunters Point) have worked close to one-third (31%) of all SF apprentice hours.

Table 6. SF Journey and Apprentice Hours by ZIP Code

Zip Code and Neighborhoods		Worker Count (Not Unique)	Apprentice Hours	Journey Hours	Total Hours
94124	Bayview Hunters Point	122	15,173	23,117	38,290
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	71	2,508	22,670	25,178
94110	Mission, Bernal Heights	52	6,610	12,445	19,054
94116	Sunset District, West Portal, Forest Hill	38	2,074	14,850	16,924
94134	Visitacion Valley, Portola	43	2,370	9,952	12,322
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	15	5,625	3,826	9,451
94132	Lake Merced, Merced Heights, San Francisco State	15	1,452	7,676	9,127
94122	Inner Sunset, Outer Sunset	28	2,302	5,298	7,600
94121	Outer Richmond	16	1,032	4,171	5,203
94130	Treasure Island	5	2,953	1,445	4,398
94107	SOMA, Dog Patch, Protrero Hill	21	784	3,559	4,343
94133	Chinatown, Telegraph Hill, North Beach, Fisherman's Wharf	9	432	2,967	3,399
94102	Hayes Valley, Civic Center, Tenderloin	14	1,054	2,211	3,265
94142	Tenderloin	2	-	1,902	1,902
94118	Inner Richmond	4	1,054	466	1,519
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park	8	396	842	1,238
94103	SOMA	9	530	642	1,172
94114	Castro, Noe Valley	2	1,109	38	1,147
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason	5	-	819	819
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA	7	8	581	589
94158	Mission Bay	2	48	456	504
94120	SOMA	3	176	291	467
94108	Chinatown, Union Square	4	350	54	404
94104	Financial District	1	58	145	203
94105	SOMA, Embarcadero	2	171	9	180
94123	Marina, Cow Hollow	2	-	75	75
94127	Balboa Terrace, St. Francis Wood, West Portal	1	-	33	33
SSIP San Francisco Total		500	48,264	120,535	168,799

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- Laborers living in San Francisco have worked nearly half (**48.1%**) of all San Francisco hours.
- San Francisco apprentice Laborers have worked **48.1%** of the 48,264 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	
T o t a l	Total Hours	239,487	67,638	55,564	40,083	41,398	26,316	52,908	523,393
	Total %	45.8%	12.9%	10.6%	7.7%	7.9%	5.0%	10.1%	
	San Francisco Hours	81,147	27,741	22,843	8,266	5,558	10,425	12,819	168,799
	Total % of San Francisco Hours	48.1%	16.4%	13.5%	4.9%	3.3%	6.2%	7.6%	
	Regional Service Territory Hours	45,227	10,221	12,387	4,431	4,218	6,536	13,310	96,329
	Total % of Regional Service Territory Hours	47.0%	10.6%	12.9%	4.6%	4.4%	6.8%	13.8%	
		Laborer	Electrician	Operating Engineer	Carpenter	Painter	Plumber	All Others	SSIP Total
A p p r e n t i c e	Total Hours	31,434	12,804	2,787	7,645	9,763	4,268	6,438	75,138
	Total %	41.8%	17.0%	3.7%	10.2%	13.0%	5.7%	8.6%	
	San Francisco Hours	23,198	11,849	2,085	2,533	3,273	2,205	3,122	48,264
	Total % of San Francisco Hours	48.1%	24.5%	4.3%	5.2%	6.8%	4.6%	6.5%	
	Regional Service Territory Hours	845	140	290	1,027	111	1,744	1,439	5,595
	Total % of Regional Service Territory Hours	15.1%	2.5%	5.2%	18.4%	2.0%	31.2%	25.7%	

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- The average participation rate of San Francisco workers on SSIP projects is currently **32.3%**.
- 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 % of Total Project Hours

Project	Hours				% of Total Project Hours		
	Total	San Francisco	Service Territory	Outside	San Francisco	Service Territory	Outside
WW-541 - SEP Oxygen Generation Plant Replacem	11,509.00	8,580	705	2,225	74.5%	6.1%	19.3%
WW-572R - Westside Pump Station Discharge Pipe	9,282.00	5,410	495	3,378	58.3%	5.3%	36.4%
WW-653 - Marin Street Sewer Replacement	12,774.25	5,949	2,858	3,967	46.6%	22.4%	31.1%
WW-609R - Holloway Green Street Stormwater Impr	22,385.38	10,210	3,781	8,395	45.6%	16.9%	37.5%
WW-674R - Geary Boulevard Sewer and Water Impr	2,096.50	868	519	711	41.4%	24.7%	33.9%
WW-556 - SEP Chemical System Relocation and Fa	39,313.00	15,536	2,724	21,053	39.5%	6.9%	53.6%
WW-483RR - North Shore to Channel Force Main Im	105,681.35	41,603	25,882	38,197	39.4%	24.5%	36.1%
WW-606R2 - OSP Door and Building 930 Exterior ar	4,832.01	1,841	1,137	1,855	38.1%	23.5%	38.4%
WW-628 - SEP New Headworks Facility	20,847.25	7,257	2,511	11,080	34.8%	12.0%	53.1%
WW-610R - Visitation Valley Green Nodes	18,907.25	6,518	5,342	7,048	34.5%	28.3%	37.3%
WW-570 - OSP and Westside Pump Station HVAC	11,783.25	3,929	2,726	5,129	33.3%	23.1%	43.5%
WW-627R - Baker Beach Green Streets	369.25	111	232	26	30.1%	62.9%	7.0%
WW-605R - Mission and Valencia Streets Green Gat	19,998.25	5,943	5,187	8,869	29.7%	25.9%	44.4%
WW-657R - Drumm & Jackson Streets Sewer Impr	14,942.50	4,382	1,664	8,897	29.3%	11.1%	59.5%
WW-639 - OSP Digester Gas Utilization Upgrades	1,363.00	374	398	591	27.4%	29.2%	43.4%
WW-626 - SEP Primary and Secondary Clarifier Upg	75,016.75	20,163	14,900	39,954	26.9%	19.9%	53.3%
WW-632 - SEP Existing Digester Gas Handling Impr	21,826.50	5,777	6,759	9,291	26.5%	31.0%	42.6%
WW-599R - SEP Cryogenic Oxygen Plant Demolitio	7,096.30	1,850	2,417	2,829	26.1%	34.1%	39.9%
WW-659 - Greenhouse Demolition at 1150 Phelps S	3,446.05	868	739	1,840	25.2%	21.4%	53.4%
WW-651 - Griffith Pump Station Improvements	10,985.25	2,736	228	8,022	24.9%	2.1%	73.0%
WW-647R - SEP Biosolids Digester Facilities Projec	1,641.50	407	671	564	24.8%	40.8%	34.4%
WW-667 - Mariposa Dry Weather Pump Station	73.00	16		57	21.9%	0.0%	78.1%
WW-613 - SEP Building 521/522 and Disinfection Up	67,280.10	14,669	5,159	47,453	21.8%	7.7%	70.5%
WW-658 - As-Needed Sewer Cleaning and Inspectio	4,023.20	835	901	2,287	20.8%	22.4%	56.9%
WW-614R2 - North Point Outfall Rehabilitation	35,920.48	2,971	8,398	24,551	8.3%	23.4%	68.3%
Total SSIP Construction	523,393.37	168,799	96,329	258,265	32.3%	18.4%	49.3%

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Apprentice Data

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

- On SSIP to date, **14.4%** of all craft hours in apprenticeable trades have been worked by apprentices.

Table 9. Apprentice Utilization by Craft

Craft	Apprentice Hours	Journey Hours	Total Hours	Apprentice Percentage of Craft Total (Apprentice/Total)
Electrical Utility Lineman	36	-	36	100.0%
Glazier	144	176	319	45.0%
Metal Roofing Systems Installer	72	93	165	43.6%
Asbestos Worker	128	199	327	39.1%
Roofer	79	230	309	25.6%
Painter	9,763	31,635	41,398	23.6%
Iron Worker	1,384	4,775	6,159	22.5%
Field Surveyor	1,004	3,767	4,771	21.0%
Carpenter	7,645	32,438	40,083	19.1%
Electrician	12,804	54,834	67,638	18.9%
Cement Mason	1,520	6,900	8,420	18.0%
Plumber	4,268	22,048	26,316	16.2%
Sheet Metal Worker	1,544	8,213	9,757	15.8%
Laborer	31,434	208,053	239,487	13.1%
Drywall Installer/Lather	90	913	1,003	8.9%
Operating Engineer	2,787	52,777	55,564	5.0%
Pile Driver	407	10,178	10,585	3.8%
Building/Construction Inspector	32	1,249	1,280	2.5%
Boilermaker	-	152	152	0.0%
Bricklayer	-	178	178	0.0%
Plasterer	-	24	24	0.0%
Tunnel Worker^	-	5,057	5,057	0.0%
Teamster^	-	2,583	2,583	0.0%
Driver^	-	1,524	1,524	0.0%
Diver^	-	261	261	0.0%
SSIP Total	75,138	448,255	523,393	14.4%

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- WW-613 - SEP Building 521/522 and Disinfection Upgrades has the highest Apprentice Utilization to date with **22.3%** of all hours worked by apprentices.

Table 10. Apprentice Utilization by Project

Project Name	Total Hours	Apprentice Hours	Journey Hours	Apprentice Utilization %
WW-613 - SEP Building 521/522 and Disinfection Upgrades	67,280	15,000	52,281	22.3%
WW-556 - SEP Chemical System Relocation and Facility Upgrades	39,313	8,255	31,058	21.0%
WW-572R - Westside Pump Station Discharge Pipe Manifold	9,282	1,949	7,333	21.0%
WW-651 - Griffith Pump Station Improvements	10,985	1,830	9,155	16.7%
WW-632 - SEP Existing Digester Gas Handling Improvements	21,827	3,580	18,247	16.4%
WW-606R2 - OSP Door and Building 930 Exterior and Awning Improvement	4,832	791	4,041	16.4%
WW-570 - OSP and Westside Pump Station HVAC Upgrades	11,783	1,904	9,880	16.2%
WW-628 - SEP New Headworks Facility	20,847	3,270	17,577	15.7%
WW-626 - SEP Primary and Secondary Clarifier Upgrades	75,017	11,358	63,659	15.1%
WW-657R - Drumm & Jackson Streets Sewer Improvements	14,943	2,190	12,753	14.7%
WW-541 - SEP Oxygen Generation Plant Replacement	11,509	1,566	9,943	13.6%
WW-605R - Mission and Valencia Streets Green Gateway	19,998	2,720	17,278	13.6%
WW-483RR - North Shore to Channel Force Main Improvement	105,681	14,364	91,318	13.6%
WW-674R - Geary Boulevard Sewer and Water Improvements	2,097	279	1,818	13.3%
WW-614R2 - North Point Outfall Rehabilitation	35,920	2,750	33,170	7.7%
WW-610R - Visitacion Valley Green Nodes	18,907	1,251	17,657	6.6%
WW-609R - Holloway Green Street Stormwater Improvements	22,385	1,328	21,057	5.9%
WW-659 - Greenhouse Demolition at 1150 Phelps Street	3,446	147	3,299	4.3%
WW-647R - SEP Biosolids Digester Facilities Project	1,642	62	1,580	3.7%
WW-653 - Marin Street Sewer Replacement	12,774	395	12,380	3.1%
WW-599R - SEP Cryogenic Oxygen Plant Demolition and Liquid Oxygen Sy	7,096	117	6,979	1.6%
WW-639 - OSP Digester Gas Utilization Upgrades	1,363	22	1,341	1.6%
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	4,023	14	4,009	0.3%
WW-627R - Baker Beach Green Streets	369	-	369	0.0%
WW-667 - Mariposa Dry Weather Pump Station	73	-	73	0.0%
DB-126 - WWE Distributed Control System Upgrades	-	-	-	-
WW-665 - SEP 042 Rehabilitation And Seismic Retrofit	-	-	-	-
WW-682R - Southeast Community Center at 1550 Evans	-	-	-	-
WW-683R - Sansome and Division Streets Combined Sewer Discharge Reh	-	-	-	-
SSIP Total	523,393	75,138	448,255	14.4%

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.

- 311 pre-employment tests have been administered on SSIP, with a total non-negative screening rate of **4%**. 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, 46 pre-employment substance abuse screenings were administered, and four 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	116
WW-628 - SEP New Headworks Facility	60
WW-647R - SEP Biosolids Digester Facilities Project	51
WW-570 - OSP and Westside Pump Station HVAC Upgrades	23
WW-627R - Baker Beach Green Streets	17
WW-657R - Drumm & Jackson Streets Sewer Improvements	15
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	11
WW-606R2 - OSP Door and Building 930 Exterior and Awning Improvements	7
WW-651 - Griffith Pump Station Improvements	5
WW-610R - Visitacion Valley Green Nodes	3
WW-599R - SEP Cryogenic Oxygen Plant Demolition and Liquid Oxygen System Upgrad	2
WW-639 - OSP Digester Gas Utilization Upgrades	1
Total Cleared	311

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
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Sewer System Improvement Program Project Labor Agreement Quarterly Report

**April 1, 2019 through June 30, 2019
(Forth Quarter FY 2018-2019)**

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

SEWER SYSTEM IMPROVEMENT PROGRAM | Grey. Green. Clean.

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Project	Hours			% of Total Project Hours			
	Total	San Francisco	Service Territory	Outside	San Francisco	Service Territory	Outside
WW-541 - SEP Oxygen Generation Plant Replacem	11,509.00	8,580	705	2,225	74.5%	6.1%	19.3%
WW-572R - Westside Pump Station Discharge Pipe	9,282.00	5,410	495	3,378	58.3%	5.3%	36.4%
WW-653 - Marin Street Sewer Replacement	12,774.25	5,949	2,858	3,967	46.6%	22.4%	31.1%
WW-609R - Holloway Green Street Stormwater Impr	22,385.38	10,210	3,781	8,395	45.6%	16.9%	37.5%
WW-674R - Geary Boulevard Sewer and Water Imp	6,123.75	2,762	1,559	1,804	45.1%	25.5%	29.5%
WW-606R2 - OSP Door and Building 930 Exterior ar	5,775.26	2,547	1,234	1,995	44.1%	21.4%	34.5%
WW-556 - SEP Chemical System Relocation and Fa	39,313.00	15,536	2,724	21,053	39.5%	6.9%	53.6%
WW-483RR - North Shore to Channel Force Main Im	105,681.35	41,603	25,882	38,197	39.4%	24.5%	36.1%
WW-627R - Baker Beach Green Streets	9,148.75	3,510	1,846	3,793	38.4%	20.2%	41.5%
WW-610R - Visitacion Valley Green Nodes	18,927.75	6,518	5,350	7,060	34.4%	28.3%	37.3%
WW-570 - OSP and Westside Pump Station HVAC	11,795.25	3,929	2,726	5,141	33.3%	23.1%	43.6%
WW-667 - Mariposa Dry Weather Pump Station	957.00	295	103	560	30.8%	10.8%	58.5%
WW-605R - Mission and Valencia Streets Green Ga	19,998.25	5,943	5,187	8,869	29.7%	25.9%	44.4%
WW-657R - Drumm & Jackson Streets Sewer Impr	14,942.50	4,382	1,664	8,897	29.3%	11.1%	59.5%
WW-639 - OSP Digester Gas Utilization Upgrades	3,149.40	913	1,064	1,173	29.0%	33.8%	37.2%
WW-628 - SEP New Headworks Facility	48,569.25	13,701	8,678	26,190	28.2%	17.9%	53.9%
WW-626 - SEP Primary and Secondary Clarifier Upg	75,020.75	20,163	14,900	39,958	26.9%	19.9%	53.3%
WW-651 - Griffith Pump Station Improvements	12,512.25	3,309	234	8,970	26.4%	1.9%	71.7%
WW-632 - SEP Existing Digester Gas Handling Impr	22,045.50	5,777	6,803	9,465	26.2%	30.9%	42.9%
WW-599R - SEP Cryogenic Oxygen Plant Demolitio	7,717.50	2,016	2,593	3,109	26.1%	33.6%	40.3%
WW-659 - Greenhouse Demolition at 1150 Phelps S	3,446.05	868	739	1,840	25.2%	21.4%	53.4%
WW-647R - SEP Biosolids Digester Facilities Projec	1,738.50	435	724	580	25.0%	41.6%	33.4%
WW-613 - SEP Building 521/522 and Disinfection Up	69,801.10	15,673	5,159	48,970	22.5%	7.4%	70.2%
WW-658 - As-Needed Sewer Cleaning and Inspectio	4,023.20	835	901	2,287	20.8%	22.4%	56.9%
WW-614R2 - North Point Outfall Rehabilitation	35,920.48	2,971	8,398	24,551	8.3%	23.4%	68.3%
Total SSIP Construction	572,557.47	183,831	106,302	282,424	32.1%	18.6%	49.3%

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Definitions

City	City and County of San Francisco
OEWD	The Office of Economic and Workforce Development of the City and County of San Francisco
OSP	Oceanside Water Pollution Control Plant
Outside	All ZIP Codes where workers reside not within San Francisco or the San Francisco Public Utilities Commission Service Territory
SEP	Southeast Water Pollution Control Plant
SFPUC	San Francisco Public Utilities Commission
SFPUC Regional Service Territory	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
SSIP	Sewer System Improvement Program
WEPS	Workforce and Economic Programs Services Bureau
WWE	Wastewater Enterprise

Executive Summary

Contracting and Employment Highlights – Program to Date:

- Twenty-nine (29) construction contracts, with a combined value of \$1.51 billion, have been awarded.
- 572,557 total craft hours have been worked by 2,103 workers who earned \$41.2 million in wages and benefits.
- 544 San Francisco residents worked 183,831 hours (**32%**) and earned roughly \$12.7 million in wages and benefits, exceeding the City’s 30% Local Hiring requirement.
- Residents of the SFPUC’s Regional Service Territory worked 106,302 hours (**19%**) and earned over \$6.7 million in wages and benefits.

Table 1. Worker Highlights – Total Program

Region of Worker Residence	Inception Through June 30, 2019		
	Worker Count	Hours	Wages & Benefits
All Workers	2,103	572,557	\$ 41,187,032
San Francisco	544	183,831	\$ 12,708,416
SFPUC Service Territory	519	106,302	\$ 7,434,078
Outside	1,052	282,424	\$ 21,044,538

Contracting and Employment Highlights – During the Quarter:

- There were two contracts awarded:
 - WW-683R Sansome, 5th, 6th (North), and Division Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention was awarded to Trinet Construction, Inc., for \$4,907,090.
 - WW-665 Southeast Water Pollution Control Plant 042 Seismic Retrofit and Rehabilitation was awarded to Western Water Constructors, Inc., for \$9,079,210.
- 356 construction workers worked 49,164 hours and earned \$3.6 million in wages and benefits.
- 96 San Francisco residents worked 15,032 hours and earned \$964,374 in wages and benefits.
- 101 SFPUC Service Territory residents worked 9,973 hours and earned \$703,045 in wages and benefits.

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Table 2. Summary of Craft Worker Employment During the Quarter

Region of Worker Residence	Three Months Ending June 30, 2019		
	Worker Count	Hours	Wages & Benefits
All Workers	356	49,164	\$ 3,578,248
San Francisco	96	15,032	\$ 964,374
SFPUC Service Territory	101	9,973	\$ 703,045
Outside	159	24,159	\$ 1,910,829

Table 3. List of SSIP Construction Contracts

Award Date	Contract Number	Prime Contractor	Project	Original Contract Award
6/25/2019	WW-665	Western Water Constructors, Inc.	SEP 042 Rehabilitation And Seismic Retrofit	\$ 9,079,210
5/14/2019	WW-683R	Trinet Construction Inc	Sansome and Division Streets Combined Sewer Disc	\$ 4,907,090
1/22/2019	WW-682R	Charles Pankow Builders, Inc.	Southeast Community Center at 1550 Evans	\$ 71,181,251
9/25/2018	WW-627R	Minerva Construction	Baker Beach Green Streets	\$ 7,122,000
9/11/2018	WW-667	Western Water Constructors, Inc.	Mariposa Dry-Weather Pump Station	\$ 17,031,000
8/28/2018	WW-639	Monterey Mechanical	OSP Digester Gas Utilization Upgrades	\$ 38,449,000
8/28/2018	WW-674R	JMB Construction, Inc.	Geary Boulevard Sewer and Water Improvements	\$ 16,246,547
2/27/2018	WW-659	Azul Works, Inc.	Greenhouse Demolition at 1150 Phelps Street/1800	\$ 1,638,000
1/9/2018	WW-657R	Anvil Builders Inc.	Drumm & Jackson Streets Sewer Improvements	\$ 5,240,900
8/8/2017	WW-658	Pipe and Plant Solutions	As-Needed Sewer Cleaning and Inspection of Large S	\$ 2,694,000
7/11/2017	WW-651	Western Water Constructors, Inc.	Griffith Pump Station Improvements	\$ 10,941,000
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	Visitacion 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 Improve	\$ 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 Upg	\$ 4,145,047
1/28/2014	WW-556	NTK Construction, Inc.	SEP Chemical System Relocation and Facility Upgrad	\$ 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
Total 29 Contracts				\$ 1,510,436,485

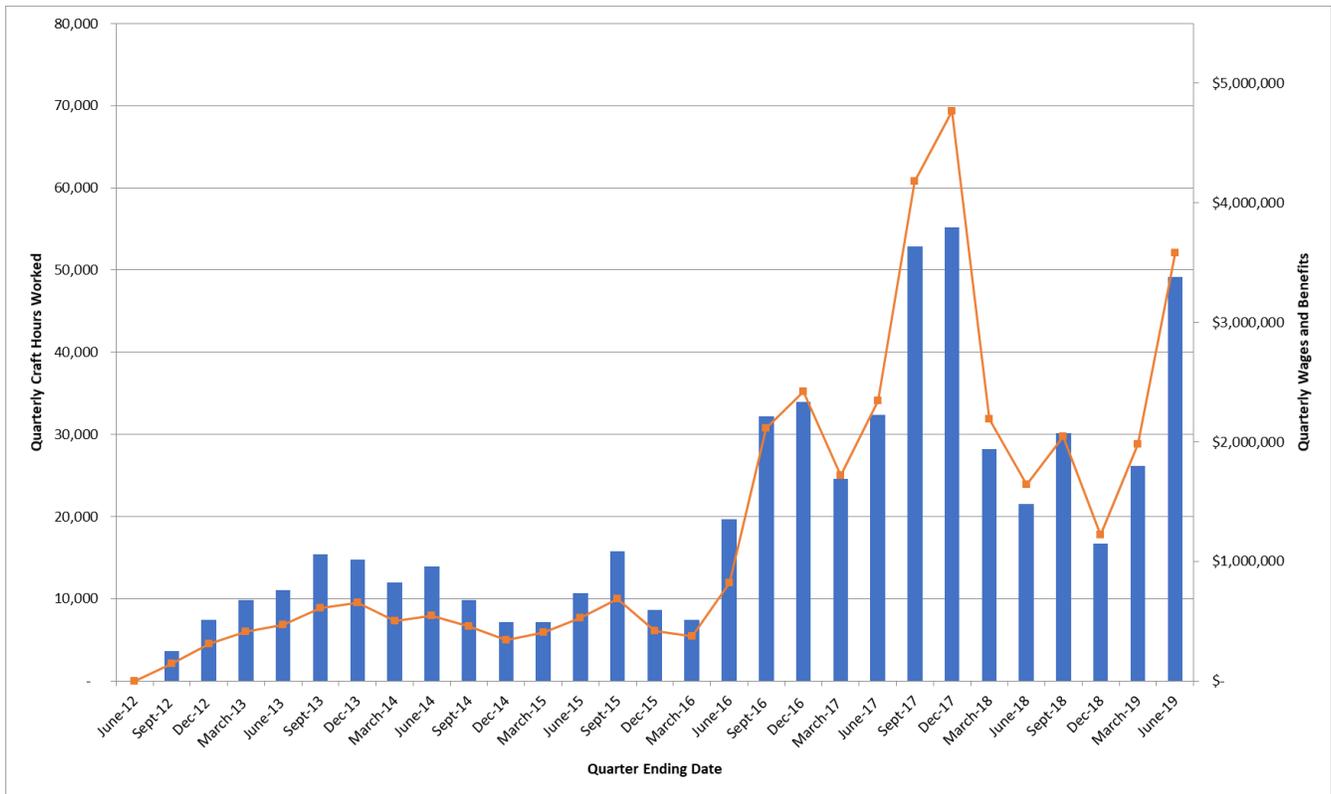
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Summary Tables and Charts

Craft Data

- During the quarter, construction workers worked 49,164 hours and earned \$3.58 million in wages and benefits.

Chart 1. Craft Hours and Wages



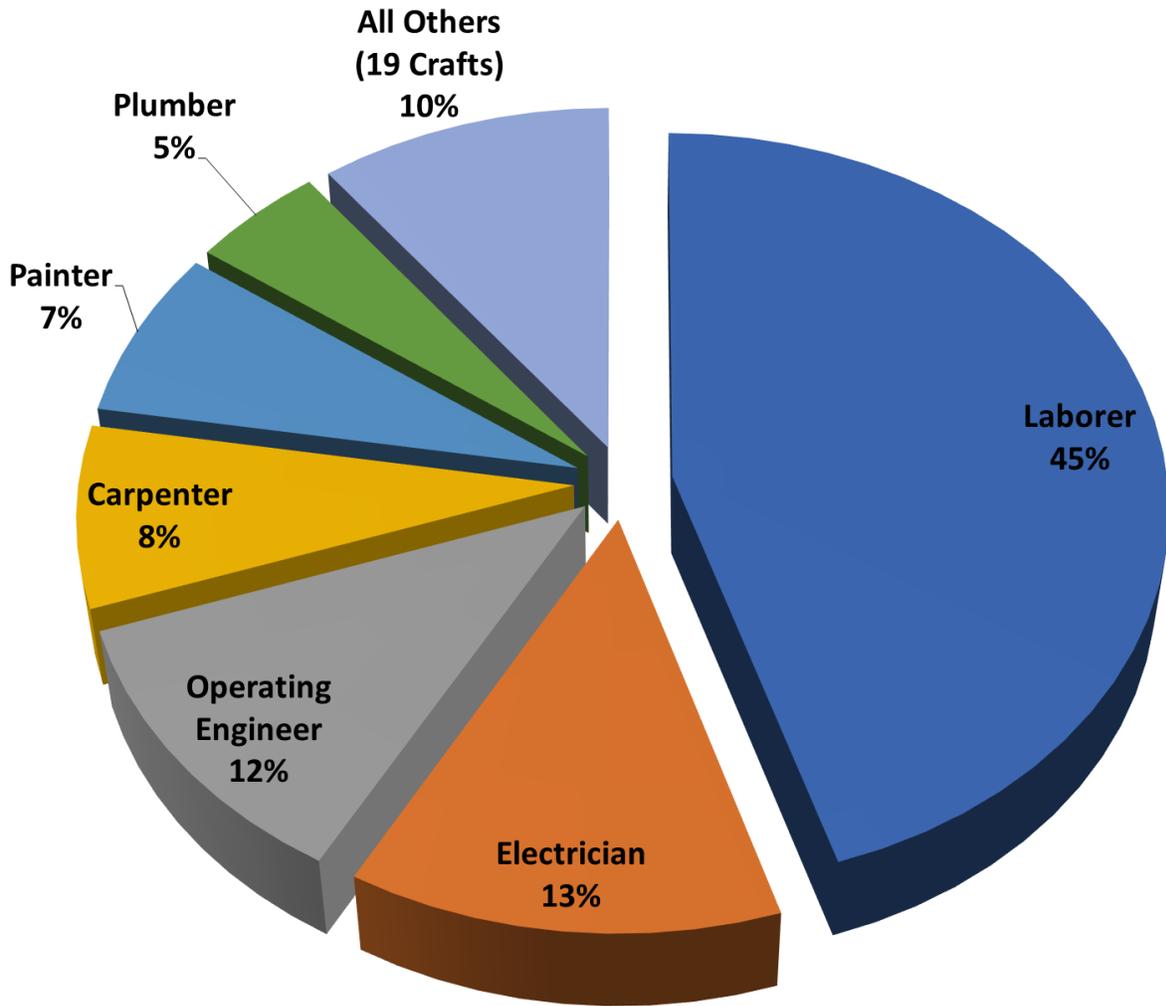
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- On SSIP, 2,103 construction workers worked 572,557 construction craft hours and earned \$41,187,032 in wages and benefits.
- Laborers, Electricians, Operating Engineers, Carpenters, Painters, and Plumbers worked approximately **90%** of all hours worked on SSIP, with over 513,000 combined hours worked.

Table 4. Craft Utilization Table

Craft	Total Hours	Total Wages & Benefits	% Craft Hours of Total Hours	% Wages of Total Wages
Laborer	258,442	\$ 14,269,230	45.1%	34.6%
Electrician	74,461	\$ 6,787,880	13.0%	16.5%
Operating Engineer	66,570	\$ 6,111,062	11.6%	14.8%
Carpenter	44,792	\$ 3,147,944	7.8%	7.6%
Painter	41,582	\$ 2,882,845	7.3%	7.0%
Plumber	27,154	\$ 3,022,416	4.7%	7.3%
Top 6 Sub-Total	513,001	\$ 36,221,378	89.6%	87.9%
Pile Driver	13,618	\$ 1,533,352	2.4%	3.7%
Sheet Metal Worker	10,172	\$ 1,101,062	1.8%	2.7%
Cement Mason	8,745	\$ 521,636	1.5%	1.3%
Iron Worker	8,549	\$ 505,699	1.5%	1.2%
Field Surveyor	4,848	\$ 280,869	0.8%	0.7%
Building/Construction Inspector	1,311	\$ 116,753	0.2%	0.3%
Drywall Installer/Lather	1,021	\$ 67,337	0.2%	0.2%
Asbestos Worker	327	\$ 22,744	0.1%	0.1%
Glazier	319	\$ 22,231	0.1%	0.1%
Roofer	309	\$ 15,977	0.1%	0.0%
Bricklayer	245	\$ 10,722	0.0%	0.0%
Metal Roofing Systems Installer	165	\$ 10,469	0.0%	0.0%
Boilermaker	152	\$ 10,547	0.0%	0.0%
Electrical Utility Lineman	36	\$ 1,943	0.0%	0.0%
Plasterer	24	\$ 1,696	0.0%	0.0%
Remaining Apprenticable Sub-Total	49,838	\$ 4,223,038	8.7%	10.3%
Tunnel Worker	5,057	\$ 308,584	0.9%	0.7%
Teamster	2,800	\$ 167,981	0.5%	0.4%
Driver	1,601	\$ 138,396		
Diver	261	\$ 127,655	0.0%	0.3%
Total Non-Apprenticeable	9,719	\$ 742,616	1.7%	1.8%
Total SSIP-Covered by PLA	572,557	\$ 41,187,032	100.0%	100.0%

Chart 2. Craft Utilization Pie Chart

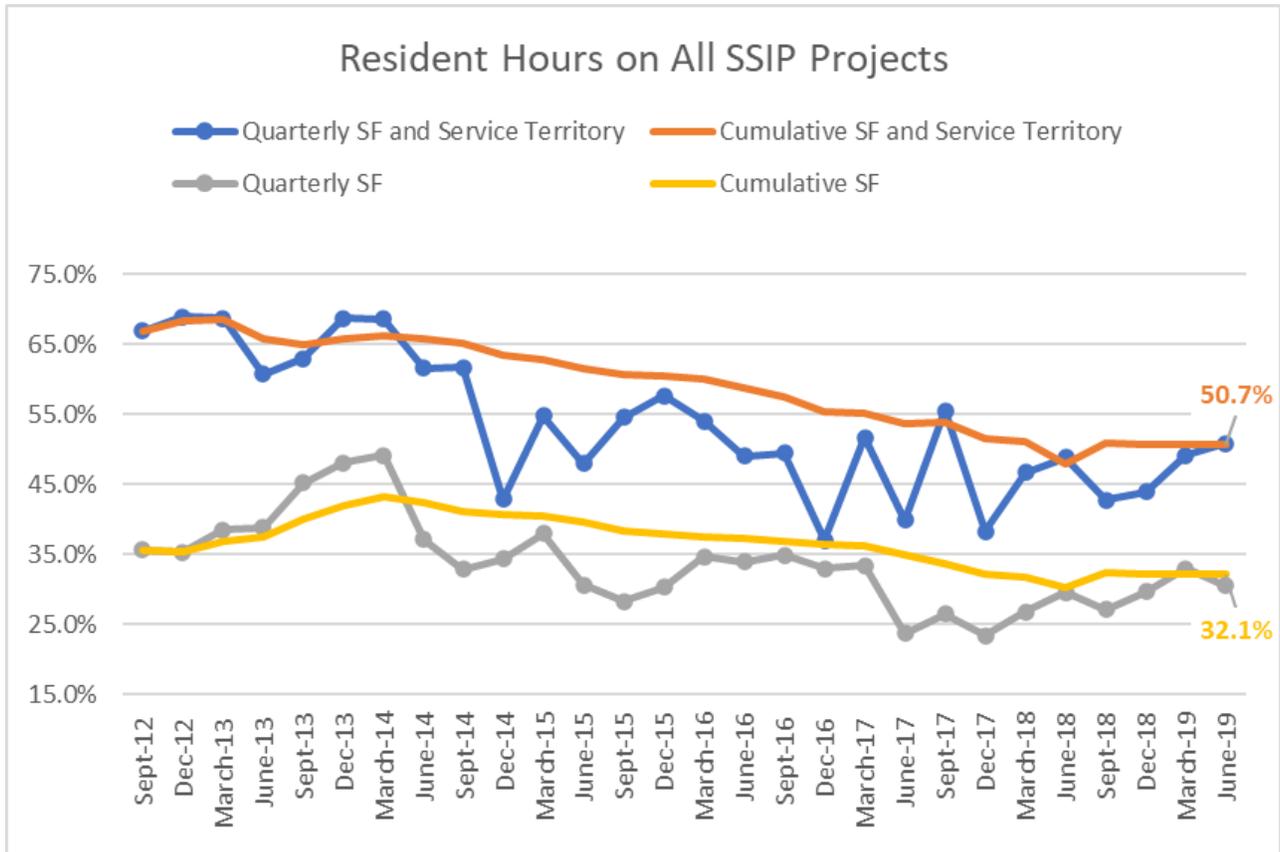


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Worker Residence Data

- Combined, San Francisco and SFPUC Regional Service Territory residents worked **51%** of all construction craft hours on SSIP to date.

Chart 3. Worker Residence Quarterly and Cumulative



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- San Francisco’s 544 workers worked **32.1%** of all the construction hours on SSIP through the reporting period, as reported in the City’s online certified payroll reporting system, LCPtracker.
- San Francisco construction workers have earned approximately \$12.7 million in wages and benefits.

Table 5. Worker Residence by County

County	Total Craft Hours	Wages & Benefits	% Craft Hours	Worker Count
San Francisco County	183,831	\$ 12,708,416	32.1%	544
Contra Costa County	91,576	\$ 6,905,497	16.0%	362
Alameda County	70,455	\$ 4,570,171	12.3%	333
San Mateo County	40,445	\$ 3,013,699	7.1%	156
Solano County	34,418	\$ 2,829,001	6.0%	157
San Joaquin County	20,148	\$ 1,417,681	3.5%	96
Sonoma County	12,586	\$ 847,710	2.2%	35
Tulare County	11,561	\$ 642,857	2.0%	4
Fresno County	11,404	\$ 759,905	2.0%	12
Sacramento County	10,457	\$ 904,412	1.8%	61
Santa Clara County	10,055	\$ 648,969	1.8%	96
Merced County	8,650	\$ 699,609	1.5%	13
Kern County	6,994	\$ 435,695	1.2%	13
Riverside County	6,672	\$ 505,851	1.2%	12
Marin County	6,546	\$ 340,881	1.1%	12
Napa County	4,805	\$ 308,813	0.8%	10
Madera County	4,438	\$ 322,113	0.8%	9
Stanislaus County	4,000	\$ 276,922	0.7%	39
Los Angeles County	3,458	\$ 228,638	0.6%	13
Monterey County	2,749	\$ 326,445	0.5%	8
Top 20 Counties by Hours	545,244	\$ 38,693,284	95.2%	1,985
All Other Counties	14,809	\$ 1,476,204	2.6%	
SSIP-PLA Total	572,557	\$ 27,632,331	100.0%	2,103

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The table below represents San Francisco’s ZIP Codes where the workers reside. On SSIP, workers currently reside in 27 of SF’s total 30 ZIP Codes.

- Total hours worked by SF residents on SSIP to date is approximately 183,000 hours.
- Workers living in the Southeast sector of the city, ZIP Codes 94124 (Bayview Hunters Point) and 94134 (Visitacion Valley, Portola), have worked nearly 53,694 hours.
- Apprentices living in 94124 have worked close to one-third (30%) of all SF apprentice hours.

Table 6. SF Journey and Apprentice Hours by ZIP Code

Zip Code and Neighborhoods		Worker Count (Not Unique)	Apprentice Hours	Journey Hours	Total Hours
94124	Bayview Hunters Point	130	16,158	24,919	41,078
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	74	2,554	24,129	26,683
94110	Mission, Bernal Heights	54	7,544	12,542	20,086
94116	Sunset District, West Portal, Forest Hill	38	2,120	15,371	17,491
94134	Visitacion Valley, Portola	50	2,478	10,138	12,616
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	15	6,663	3,826	10,488
94132	Lake Merced, Merced Heights, San Francisco State	18	1,761	7,743	9,504
94122	Inner Sunset, Outer Sunset	31	2,334	6,022	8,355
94121	Outer Richmond	20	1,661	5,530	7,191
94107	SOMA, Dog Patch, Protrero Hill	24	856	4,184	5,040
94130	Treasure Island	5	2,953	1,695	4,648
94102	Hayes Valley, Civic Center, Tenderloin	17	1,344	2,729	4,073
94133	Chinatown, Telegraph Hill, North Beach, Fisherman's Wharf	9	866	2,967	3,833
94103	SOMA	13	530	1,715	2,244
94142	Tenderloin	2	-	1,902	1,902
94118	Inner Richmond	5	1,054	476	1,530
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA	9	152	1,233	1,385
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park	9	400	842	1,242
94114	Castro, Noe Valley	2	1,109	38	1,147
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason	5	-	851	851
94158	Mission Bay	2	48	760	808
94104	Financial District	1	58	416	474
94120	SOMA	3	176	291	467
94108	Chinatown, Union Square	4	350	54	404
94105	SOMA, Embarcadero	2	171	17	188
94123	Marina, Cow Hollow	2	-	75	75
94127	Balboa Terrace, St. Francis Wood, West Portal	1	-	33	33
SSIP San Francisco Total		544	53,337	130,495	183,831

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- Laborers living in San Francisco have worked nearly half (**48.1%**) of all San Francisco hours.
- San Francisco apprentice Laborers have worked **47.5%** of the 53,337 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	
T o t a l	Total Hours	258,442	74,461	66,570	44,792	41,582	27,154	59,557	572,557
	Total %	45.1%	13.0%	11.6%	7.8%	7.3%	4.7%	10.4%	
	San Francisco Hours	88,494	29,416	25,370	9,996	5,575	10,563	14,417	183,831
	Total % of San Francisco Hours	48.1%	16.0%	13.8%	5.4%	3.0%	5.7%	7.8%	
	Regional Service Territory Hours	48,759	11,102	14,246	4,836	4,218	6,753	16,389	106,302
	Total % of Regional Service Territory Hours	45.9%	10.4%	13.4%	4.5%	4.0%	6.4%	15.4%	
		Laborer	Electrician	Operating Engineer	Carpenter	Painter	Plumber	All Others	SSIP Total
A p p r e n t i c e	Total Hours	33,753	14,313	4,552	8,881	9,852	4,660	7,910	83,920
	Total %	40.2%	17.1%	5.4%	10.6%	11.7%	5.6%	9.4%	
	San Francisco Hours	25,335	12,056	3,074	3,238	3,273	2,217	4,145	53,337
	Total % of San Francisco Hours	47.5%	22.6%	5.8%	6.1%	6.1%	4.2%	7.8%	
	Regional Service Territory Hours	955	679	548	1,115	111	1,961	1,679	7,047
	Total % of Regional Service Territory Hours	13.6%	9.6%	7.8%	15.8%	1.6%	27.8%	23.8%	

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- The average participation rate of San Francisco workers on SSIP projects is currently **32.1%**.
- 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 % of Total Project Hours

Project	Hours				% of Total Project Hours		
	Total	San Francisco	Service Territory	Outside	San Francisco	Service Territory	Outside
WW-541 - SEP Oxygen Generation Plant Replacem	11,509.00	8,580	705	2,225	74.5%	6.1%	19.3%
WW-572R - Westside Pump Station Discharge Pipe	9,282.00	5,410	495	3,378	58.3%	5.3%	36.4%
WW-653 - Marin Street Sewer Replacement	12,774.25	5,949	2,858	3,967	46.6%	22.4%	31.1%
WW-609R - Holloway Green Street Stormwater Impr	22,385.38	10,210	3,781	8,395	45.6%	16.9%	37.5%
WW-674R - Geary Boulevard Sewer and Water Impr	6,123.75	2,762	1,559	1,804	45.1%	25.5%	29.5%
WW-606R2 - OSP Door and Building 930 Exterior ar	5,775.26	2,547	1,234	1,995	44.1%	21.4%	34.5%
WW-556 - SEP Chemical System Relocation and Fa	39,313.00	15,536	2,724	21,053	39.5%	6.9%	53.6%
WW-483RR - North Shore to Channel Force Main Im	105,681.35	41,603	25,882	38,197	39.4%	24.5%	36.1%
WW-627R - Baker Beach Green Streets	9,148.75	3,510	1,846	3,793	38.4%	20.2%	41.5%
WW-610R - Visitacion Valley Green Nodes	18,927.75	6,518	5,350	7,060	34.4%	28.3%	37.3%
WW-570 - OSP and Westside Pump Station HVAC	11,795.25	3,929	2,726	5,141	33.3%	23.1%	43.6%
WW-667 - Mariposa Dry Weather Pump Station	957.00	295	103	560	30.8%	10.8%	58.5%
WW-605R - Mission and Valencia Streets Green Gat	19,998.25	5,943	5,187	8,869	29.7%	25.9%	44.4%
WW-657R - Drumm & Jackson Streets Sewer Impr	14,942.50	4,382	1,664	8,897	29.3%	11.1%	59.5%
WW-639 - OSP Digester Gas Utilization Upgrades	3,149.40	913	1,064	1,173	29.0%	33.8%	37.2%
WW-628 - SEP New Headworks Facility	48,569.25	13,701	8,678	26,190	28.2%	17.9%	53.9%
WW-626 - SEP Primary and Secondary Clarifier Upg	75,020.75	20,163	14,900	39,958	26.9%	19.9%	53.3%
WW-651 - Griffith Pump Station Improvements	12,512.25	3,309	234	8,970	26.4%	1.9%	71.7%
WW-632 - SEP Existing Digester Gas Handling Impr	22,045.50	5,777	6,803	9,465	26.2%	30.9%	42.9%
WW-599R - SEP Cryogenic Oxygen Plant Demolitio	7,717.50	2,016	2,593	3,109	26.1%	33.6%	40.3%
WW-659 - Greenhouse Demolition at 1150 Phelps S	3,446.05	868	739	1,840	25.2%	21.4%	53.4%
WW-647R - SEP Biosolids Digester Facilities Projec	1,738.50	435	724	580	25.0%	41.6%	33.4%
WW-613 - SEP Building 521/522 and Disinfection Up	69,801.10	15,673	5,159	48,970	22.5%	7.4%	70.2%
WW-658 - As-Needed Sewer Cleaning and Inspectio	4,023.20	835	901	2,287	20.8%	22.4%	56.9%
WW-614R2 - North Point Outfall Rehabilitation	35,920.48	2,971	8,398	24,551	8.3%	23.4%	68.3%
Total SSIP Construction	572,557.47	183,831	106,302	282,424	32.1%	18.6%	49.3%

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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, **14.7%** of all craft hours in apprenticeable trades have been worked by apprentices.

Table 9. Apprentice Utilization by Craft

Craft	Apprentice Hours	Journey Hours	Total Hours	Apprentice Percentage of Craft Total (Apprentice/Total)
Electrical Utility Lineman	36	-	36	100.0%
Glazier	144	176	319	45.0%
Metal Roofing Systems Installer	72	93	165	43.6%
Asbestos Worker	128	199	327	39.1%
Roofer	79	230	309	25.6%
Iron Worker	2,040	6,509	8,549	23.9%
Painter	9,852	31,730	41,582	23.7%
Field Surveyor	1,004	3,844	4,848	20.7%
Carpenter	8,881	35,912	44,792	19.8%
Electrician	14,313	60,148	74,461	19.2%
Cement Mason	1,536	7,209	8,745	17.6%
Plumber	4,660	22,494	27,154	17.2%
Sheet Metal Worker	1,615	8,557	10,172	15.9%
Laborer	33,753	224,688	258,442	13.1%
Drywall Installer/Lather	108	913	1,021	10.5%
Pile Driver	1,118	12,500	13,618	8.2%
Operating Engineer	4,552	62,019	66,570	6.8%
Building/Construction Inspector	32	1,279	1,311	2.4%
Boilermaker	-	152	152	0.0%
Bricklayer	-	245	245	0.0%
Plasterer	-	24	24	0.0%
Tunnel Worker^	-	5,057	5,057	0.0%
Teamster^	-	2,800	2,800	0.0%
Driver^	-	1,601	1,601	0.0%
Diver^	-	261	261	0.0%
SSIP Total	83,920	488,637	572,557	14.7%

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- WW-613 SEP Building 521/522 and Disinfection Upgrades has the highest Apprentice Utilization to date with **22.3%** of all hours worked by apprentices.

Table 10. Apprentice Utilization by Project

Project Name	Total Hours	Apprentice Hours	Journey Hours	Apprentice Utilization %
WW-613 - SEP Building 521/522 and Disinfection Upgrades	69,801	15,579	54,223	22.3%
WW-627R - Baker Beach Green Streets	9,149	2,039	7,110	22.3%
WW-556 - SEP Chemical System Relocation and Facility Upgrades	39,313	8,255	31,058	21.0%
WW-572R - Westside Pump Station Discharge Pipe Manifold	9,282	1,949	7,333	21.0%
WW-606R2 - OSP Door and Building 930 Exterior and Awning Improvement	5,775	1,180	4,595	20.4%
WW-651 - Griffith Pump Station Improvements	12,512	2,277	10,236	18.2%
WW-639 - OSP Digester Gas Utilization Upgrades	3,149	522	2,628	16.6%
WW-632 - SEP Existing Digester Gas Handling Improvements	22,046	3,580	18,466	16.2%
WW-570 - OSP and Westside Pump Station HVAC Upgrades	11,795	1,904	9,892	16.1%
WW-626 - SEP Primary and Secondary Clarifier Upgrades	48,569	7,660	40,909	15.8%
WW-628 - SEP New Headworks Facility	75,021	11,358	63,663	15.1%
WW-657R - Drumm & Jackson Streets Sewer Improvements	14,943	2,190	12,753	14.7%
WW-541 - SEP Oxygen Generation Plant Replacement	11,509	1,566	9,943	13.6%
WW-605R - Mission and Valencia Streets Green Gateway	19,998	2,720	17,278	13.6%
WW-483RR - North Shore to Channel Force Main Improvement	105,681	14,364	91,318	13.6%
WW-674R - Geary Boulevard Sewer and Water Improvements	6,124	702	5,422	11.5%
WW-614R2 - North Point Outfall Rehabilitation	35,920	2,750	33,170	7.7%
WW-610R - Visitacion Valley Green Nodes	18,928	1,251	17,677	6.6%
WW-609R - Holloway Green Street Stormwater Improvements	22,385	1,328	21,057	5.9%
WW-659 - Greenhouse Demolition at 1150 Phelps Street	3,446	147	3,299	4.3%
WW-647R - SEP Biosolids Digester Facilities Project	1,739	62	1,677	3.5%
WW-653 - Marin Street Sewer Replacement	12,774	395	12,380	3.1%
WW-599R - SEP Cryogenic Oxygen Plant Demolition and Liquid Oxygen System	7,718	133	7,585	1.7%
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	4,023	14	4,009	0.3%
WW-667 - Mariposa Dry Weather Pump Station	957	-	957	0.0%
DB-126 - WWE Distributed Control System Upgrades	-	-	-	-
WW-665 - SEP 042 Rehabilitation And Seismic Retrofit	-	-	-	-
WW-682R - Southeast Community Center at 1550 Evans	-	-	-	-
WW-683R - Sansome and Division Streets Combined Sewer Discharge Rehabilitation	-	-	-	-
SSIP Total	571,760	83,230	488,530	14.6%

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.

- 331 pre-employment tests have been administered on SSIP, with a total non-negative screening rate of **4%**. 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, 20 pre-employment substance abuse screenings were administered, and no 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	116
WW-628 - SEP New Headworks Facility	69
WW-647R - SEP Biosolids Digester Facilities Project	51
WW-627R - Baker Beach Green Streets	25
WW-570 - OSP and Westside Pump Station HVAC Upgrades	23
WW-657R - Drumm & Jackson Streets Sewer Improvements	15
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	11
WW-606R2 - OSP Door and Building 930 Exterior and Awning Improvements	7
WW-651 - Griffith Pump Station Improvements	5
WW-639 - OSP Digester Gas Utilization Upgrades	4
WW-610R - Visitacion Valley Green Nodes	3
WW-599R - SEP Cryogenic Oxygen Plant Demolition and Liquid Oxygen System Upgrade	2
Total Cleared	331

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.