



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

Sewer System Improvement Program Project Labor Agreement Quarterly Report

**July 1, 2019 through September 30, 2019
(First Quarter FY 2019-2020)**

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 2019-2020

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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:

- Thirty (30) construction contracts, with a combined value of \$1.51 billion, have been awarded.
- 637,042 total craft hours have been worked by 2,324 workers who earned \$46.2 million in wages and benefits.
- 612 San Francisco residents worked 206,020 hours (**32.3%**) and earned over \$14.2 million in wages and benefits, exceeding the City’s 30% Local Hiring requirement.
- Residents of the SFPUC’s Regional Service Territory worked 119,253 hours (**18.7%**) and earned over \$8.4 million in wages and benefits.

Table 1. Worker Highlights – Total Program

Region of Worker Residence	Inception Through September 30, 2019		
	Worker Count	Hours	Wages & Benefits
All Workers	2,324	637,042	\$ 46,193,609
San Francisco	612	206,020	\$ 14,223,503
SFPUC Service Territory	583	119,253	\$ 8,415,443
Outside	1,147	311,769	\$ 23,554,663

Contracting and Employment Highlights – During the Quarter:

- There was one contract awarded:
 - WW-691 Sunset Boulevard Greenway – Phase II was awarded to Minerva Construction, Inc. (OBE) for \$2,572,351.
- 215 construction workers worked 64,453 hours and earned nearly \$5 million in wages and benefits.
- 68 San Francisco residents worked 22,189 hours and earned \$1.5 million in wages and benefits.
- 59 SFPUC Service Territory residents worked 12,923 hours and earned over \$973,000 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, 2019		
	Worker Count	Hours	Wages & Benefits
All Workers	215	64,453	4,995,466
San Francisco	68	22,189	1,515,087
SFPUC Service Territory	59	12,923	973,364
Outside	93	29,341	2,507,016

Table 3. List of SSIP Construction Contracts

Award Date	Contract Number	Prime Contractor	Project	Original Contract Award
7/23/2019	WW-691	Minerca Construction, Inc	Sunset Boulevard Greenway -- Phase II Irving Street	\$ 2,572,351
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 Discharge Rehab	\$ 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 Oakdale Ave	\$ 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 Sewers	\$ 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 Improvements	\$ 4,049,000
5/24/2016	WW-628	Sundt/Walsh JV	SEP New Headworks Facility	\$ 224,652,224
5/10/2016	WW-570	Blocka Construction, Inc.	OSP and Westside Pump Station HVAC Upgrades	\$ 6,138,000
1/26/2016	WW-613	Western Water Constructors, Inc.	SEP Building 521/522 and Disinfection Upgrades	\$ 25,750,000
1/12/2016	WW-626	Monterey Mechanical Company	SEP Primary and Secondary Clarifier Upgrades	\$ 23,588,000
11/10/2015	WW-605R	Anvil Builders	Mission and Valencia Streets Green Gateway	\$ 2,949,013
9/22/2015	WW-609R	M Squared Construction, Inc.	Holloway Green Street Stormwater Improvements	\$ 5,591,892
6/24/2014	WW-572R	Cal State Constructors	Westside Pump Station Discharge Pipe Manifold Upgrade	\$ 4,145,047
1/28/2014	WW-556	NTK Construction, Inc.	SEP Chemical System Relocation and Facility Upgrades	\$ 14,025,000
12/11/2012	WW-541	NTK Construction, Inc.	SEP Oxygen Generation Plant Replacement	\$ 9,476,360
4/24/2012	WW-483RR	K.J. Woods Construction, Inc.	N. Shore to Channel Force Main Improvements	\$ 15,488,000
Total 30 Contracts				\$ 1,513,008,836

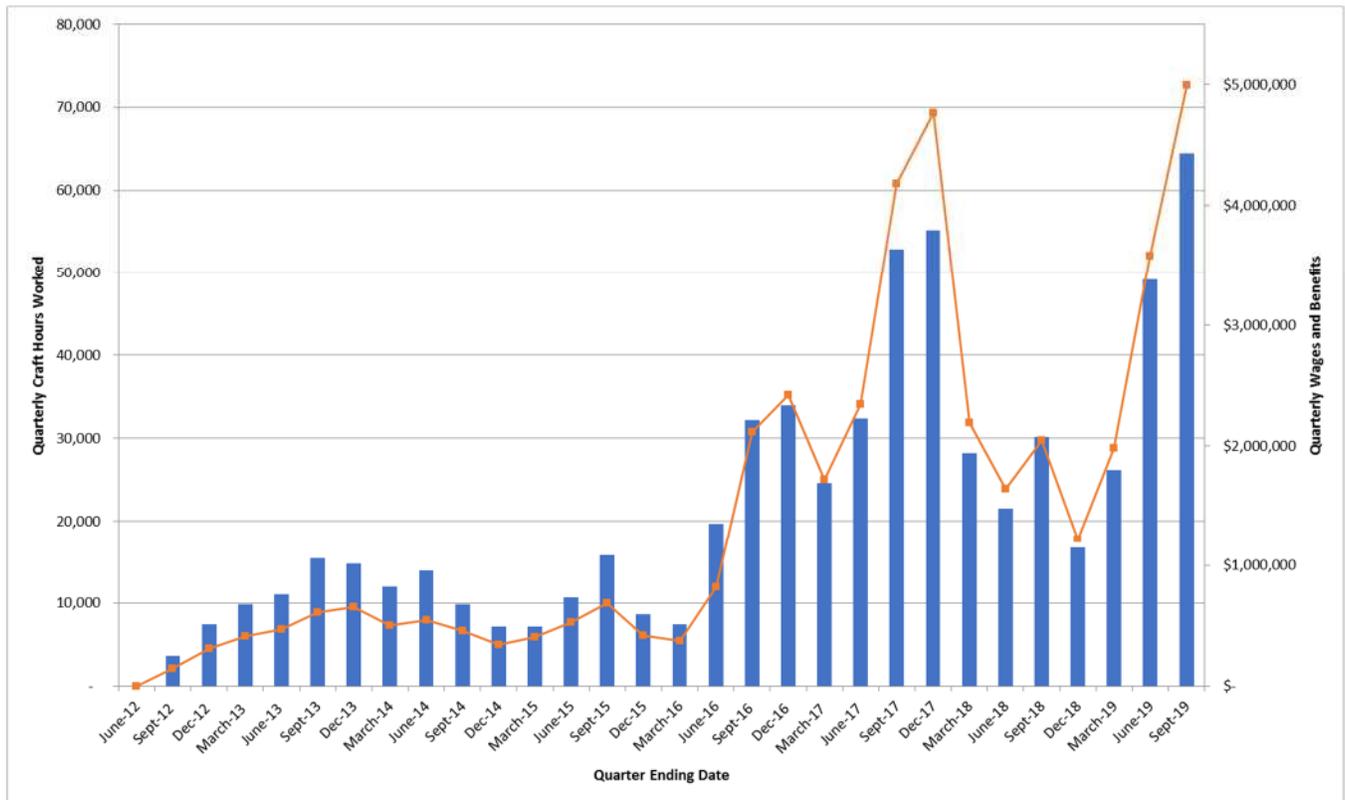
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Summary Tables and Charts

Craft Data

- During the quarter, construction workers worked 64,453 hours and earned nearly \$5 million in wages and benefits.

Chart 1. Craft Hours and Wages



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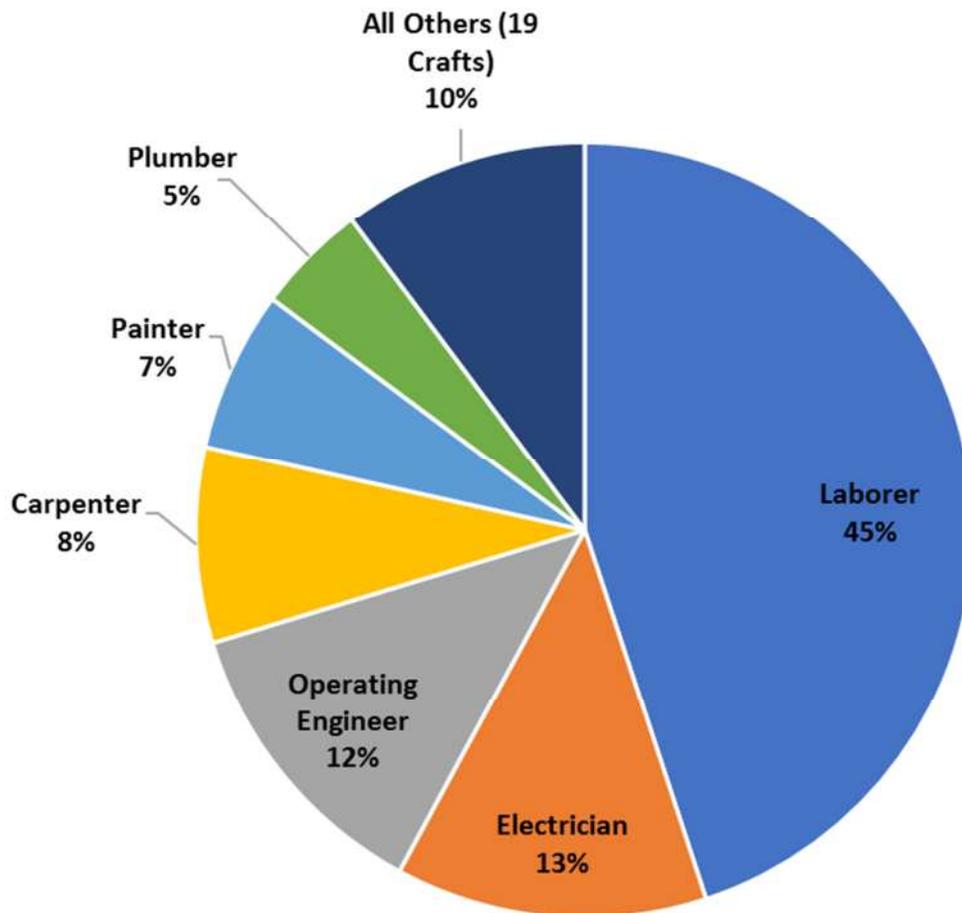
- On SSIP, 2,324 construction workers worked 637,042 construction craft hours and earned \$46,193,609 in wages and benefits.
- Laborers, Electricians, Operating Engineers, Carpenters, Painters, and Plumbers worked approximately **90%** of all hours worked on SSIP, with over 571,000 combined hours worked.

Table 4. Craft Utilization Table

Craft	Total Hours	Total Wages and Benefits	% Craft Hours of Total Hours	% Wages of Total Wages
Laborer	286,336	\$ 15,967,343	44.9%	34.6%
Electrician	82,563	\$ 7,683,881	13.0%	16.6%
Operating Engineer	79,055	\$ 7,155,350	12.4%	15.5%
Carpenter	51,943	\$ 3,723,779	8.2%	8.1%
Painter	42,538	\$ 2,948,050	6.7%	6.4%
Plumber	29,343	\$ 3,258,165	4.6%	7.1%
Top 6 Sub-Total	571,778	\$ 40,736,569	89.8%	88.2%
Pile Driver	15,934	\$ 1,740,869	2.5%	3.8%
Sheet Metal Worker	10,377	\$ 1,127,749	1.6%	2.4%
Iron Worker	9,848	\$ 601,698	1.5%	1.3%
Cement Mason	9,254	\$ 554,949	1.5%	1.2%
Field Surveyor	5,171	\$ 310,610	0.8%	0.7%
Building/Construction Inspector	1,347	\$ 119,582	0.2%	0.3%
Drywall Installer/Lather	1,021	\$ 67,337	0.2%	0.1%
Asbestos Worker	327	\$ 22,744	0.1%	0.0%
Bricklayer	326	\$ 16,930	0.1%	0.0%
Glazier	319	\$ 22,231	0.1%	0.0%
Roofer	309	\$ 15,977	0.0%	0.0%
Metal Roofing Systems Installer	165	\$ 10,469	0.0%	0.0%
Boilermaker	152	\$ 10,547	0.0%	0.0%
Plasterer	83	\$ 6,150	0.0%	0.0%
Electrical Utility Lineman	36	\$ 1,943	0.0%	0.0%
Remaining Apprenticeable Sub-Total	54,667	\$ 4,629,785	8.6%	10.0%
Tunnel Worker	5,057	\$ 308,584	0.8%	0.7%
Teamster	3,679	\$ 252,620	0.6%	0.5%
Driver	1,601	\$ 138,396	0.3%	0.3%
Diver	261	\$ 127,655	0.0%	0.3%
Total Non-Apprenticeable	10,597	\$ 827,255	1.7%	1.8%
Total SSIP-Covered by PLA	637,042	\$ 46,193,609	100.0%	100.0%

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Chart 2. Craft Utilization Pie Chart

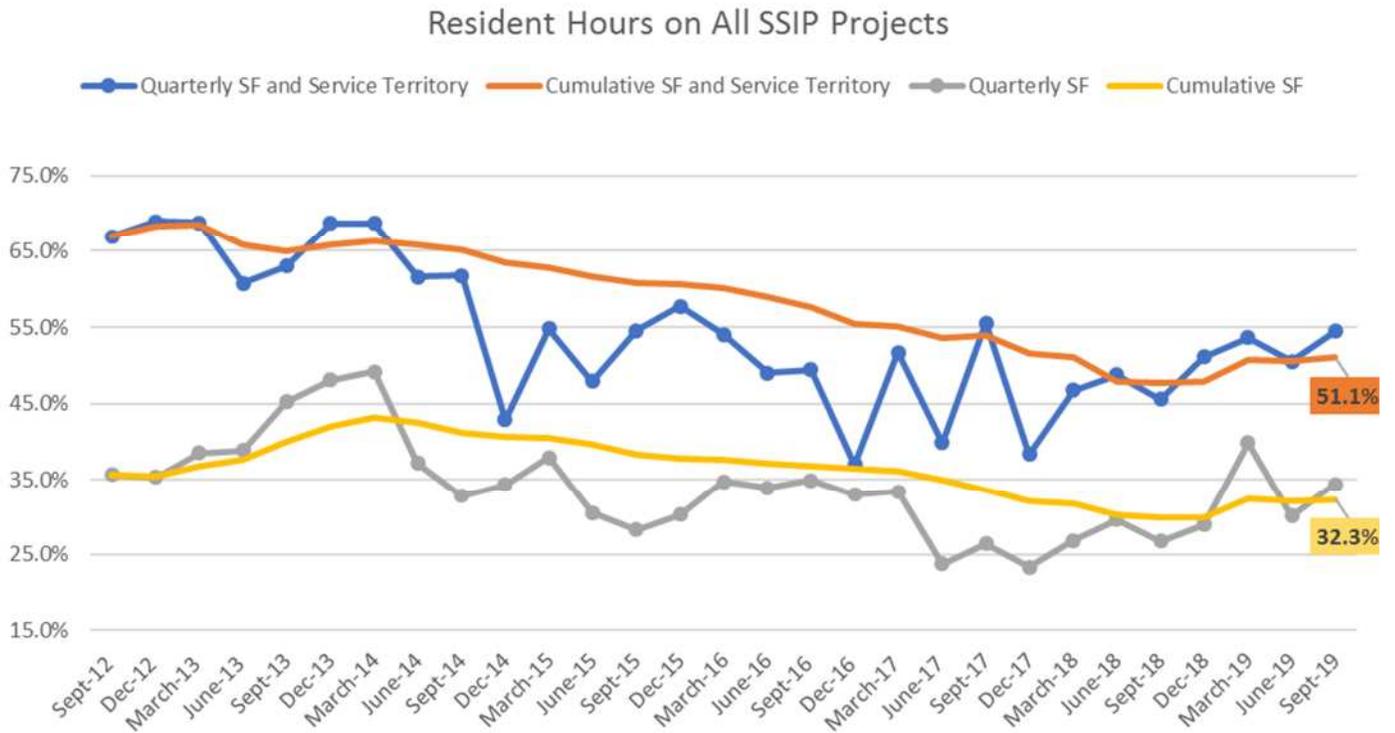


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Worker Residence Data

- Combined, San Francisco and SFPUC Regional Service Territory residents worked **51.1%** of all construction craft hours on SSIP to date.

Chart 3. Worker Residence Quarterly and Cumulative



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- San Francisco’s 612 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 \$14.2 million in wages and benefits.

Table 5. Worker Residence by County

County	Total Craft Hours	Wages and Benefits	% Craft Hours	Worker Count (Not Unique)
San Francisco County	206,020	\$ 14,223,503	32.3%	612
Contra Costa County	100,232	\$ 7,609,721	15.7%	389
Alameda County	78,057	\$ 5,157,627	12.3%	365
San Mateo County	44,761	\$ 3,341,961	7.0%	171
Solano County	41,005	\$ 3,443,675	6.4%	178
San Joaquin County	23,191	\$ 1,653,944	3.6%	113
Sonoma County	13,661	\$ 912,343	2.1%	41
Tulare County	12,488	\$ 711,658	2.0%	4
Sacramento County	11,991	\$ 1,048,791	1.9%	64
Fresno County	11,807	\$ 805,892	1.9%	12
Santa Clara County	11,747	\$ 755,383	1.8%	108
Merced County	9,149	\$ 749,775	1.4%	15
Riverside County	7,691	\$ 581,258	1.2%	14
Kern County	6,994	\$ 435,695	1.1%	13
Marin County	6,558	\$ 341,792	1.0%	12
Clark County	5,506	\$ 421,748	0.9%	7
Napa County	4,859	\$ 310,981	0.8%	10
Stanislaus County	4,837	\$ 342,281	0.8%	48
Madera County	4,822	\$ 350,307	0.8%	9
Los Angeles County	3,498	\$ 230,879	0.5%	14
Top 20 Counties by Hours	608,871	\$ 43,429,214	95.6%	2,199
All Other Counties	28,171	\$ 2,764,395	4.4%	148
SSIP-PLA Total	637,042	\$ 46,193,609	100.0%	2,347

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The table below represents San Francisco’s ZIP Codes where the workers reside. On SSIP, workers currently reside in 28 of SF’s total 30 ZIP Codes, not including PO Boxes.

- Total hours worked by San Francisco residents on SSIP to date is approximately 206,000 hours.
- Workers living in the Southeast sector of the city, ZIP Codes 94124 (Bayview Hunters Point) and 94134 (Visitacion Valley, Portola), have worked more than 59,000 hours and earned more than \$3.6 million in wages and benefits.
- 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	144	18,854	26,663	45,518
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	85	2,638	27,012	29,649
94110	Mission, Bernal Heights	64	8,153	12,731	20,885
94116	Sunset District, West Portal, Forest Hill	40	2,162	16,707	18,869
94134	Visitacion Valley, Portola	56	3,217	10,818	14,035
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	16	7,536	3,826	11,361
94132	Lake Merced, Merced Heights, San Francisco State	23	2,343	8,393	10,736
94122	Inner Sunset, Outer Sunset	37	2,670	6,921	9,591
94121	Outer Richmond	21	2,623	6,940	9,563
94107	SOMA, Dog Patch, Protrero Hill	24	856	4,273	5,129
94130	Treasure Island	5	2,953	2,024	4,977
94102	Hayes Valley, Civic Center, Tenderloin	17	1,344	3,250	4,594
94133	Chinatown, Telegraph Hill, North Beach, Fisherman's Wharf	9	866	2,967	3,833
94103	SOMA	14	530	2,797	3,326
94118	Inner Richmond	9	1,054	2,060	3,113
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA	10	303	1,781	2,084
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park	11	545	1,360	1,905
94142	Tenderloin	2		1,902	1,902
94114	Castro, Noe Valley	2	1,109	38	1,147
94158	Mission Bay	2	48	896	944
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason	7	54	865	919
94104	Financial District	1	58	456	514
94120	SOMA	3	176	291	467
94105	SOMA, Embarcadero	4	323	91	413
94108	Chinatown, Union Square	4	350	54	404
94123	Marina, Cow Hollow	2		75	75
94188	P.O Box	1	39		39
94127	Balboa Terrace, St. Francis Wood, West Portal	1		33	33
SSIP San Francisco Total		614	60,800	145,220	206,020

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- Laborers living in San Francisco have worked nearly half (**48.3%**) of all San Francisco hours
- San Francisco apprentice Laborers have worked **49%** of the 60,800 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 (19 Crafts)	
T o t a l	Total Hours	286,336	82,563	79,055	51,943	42,538	29,343	65,264	637,042
	Total %	44.9%	13.0%	12.4%	8.2%	6.7%	4.6%	10.2%	
	San Francisco Hours	99,564	31,824	29,299	12,431	6,491	10,563	15,848	206,020
	San Francisco % of Total Hours	35%	39%	37%	24%	15%	36%	24%	32.3%
	Regional Service Territory Hours	54,318	12,345	17,346	5,878	4,218	7,032	18,118	119,253
	Regional Service Territory % of Total Hours	19.0%	15.0%	21.9%	11.3%	9.9%	24.0%	27.8%	18.7%
		Laborer	Electrician	Carpenter	Painter	Operating Engineer	Plumber	All Others (19 Crafts)	SSIP Total
A p p r e n t i c e	Total Hours	38,598	16,446	10,643	9,892	5,636	5,472	9,155	95,841
	Total %	40.3%	17.2%	11.1%	10.3%	5.9%	5.7%	9.6%	
	San Francisco Hours	29,770	13,118	3,827	3,273	3,949	2,217	4,647	60,800
	San Francisco % of Total Hours	77.1%	79.8%	36.0%	33.1%	70.1%	40.5%	50.8%	63.4%
	Regional Service Territory Hours	1,324	949	1,627	111	646	2,240	1,943	8,839
	Regional Service Territory % of Total Hours	3.4%	5.8%	15.3%	1.1%	11.5%	40.9%	21.2%	9.2%

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- The average participation rate of San Francisco workers on SSIP projects is currently **32.3%**.
- WW-683R Sansome, 5th, 6th, and Division Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention 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-683R - Sansome, 5th, 6th, and Division Streets	2,794	2,112	105	577	75.6%	3.8%	20.7%
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	9,282	5,410	495	3,378	58.3%	5.3%	36.4%
DB-128R2 - Bay Corridor Transmission and Distribution	955	449	197	310	47.0%	20.6%	32.4%
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	22,385	10,210	3,781	8,395	45.6%	16.9%	37.5%
WW-606R2 - OSP Door and Building 930 Exterior	6,976	3,034	1,667	2,276	43.5%	23.9%	32.6%
WW-674R - Geary Boulevard Sewer and Water Line	15,894	6,453	5,239	4,202	40.6%	33.0%	26.4%
WW-556 - SEP Chemical System Relocation and	39,313	15,536	2,724	21,053	39.5%	6.9%	53.6%
WW-483RR - North Shore to Channel Force Main	105,681	41,603	25,882	38,197	39.4%	24.5%	36.1%
WW-627R - Baker Beach Green Streets	15,409	5,703	2,437	7,269	37.0%	15.8%	47.2%
WW-639 - OSP Digester Gas Utilization Upgrade	6,961	2,473	2,458	2,030	35.5%	35.3%	29.2%
WW-610R - Visitacion Valley Green Nodes	18,928	6,518	5,350	7,060	34.4%	28.3%	37.3%
WW-570 - OSP and Westside Pump Station HVA	11,893	3,929	2,726	5,239	33.0%	22.9%	44.0%
WW-605R - Mission and Valencia Streets Green	19,998	5,943	5,187	8,869	29.7%	25.9%	44.4%
WW-657R - Drumm & Jackson Streets Sewer Im	14,943	4,382	1,664	8,897	29.3%	11.1%	59.5%
WW-628 - SEP New Headworks Facility	84,421	24,313	15,030	45,078	28.8%	17.8%	53.4%
WW-667 - Mariposa Dry Weather Pump Station	1,556	434	225	898	27.9%	14.5%	57.7%
WW-626 - SEP Primary and Secondary Clarifier U	75,025	20,167	14,900	39,958	26.9%	19.9%	53.3%
WW-632 - SEP Existing Digester Gas Handling Im	22,086	5,777	6,803	9,505	26.2%	30.8%	43.0%
WW-599R - SEP Cryogenic Oxygen Plant Demoli	7,718	2,016	2,593	3,109	26.1%	33.6%	40.3%
WW-651 - Griffith Pump Station Improvements	13,278	3,365	256	9,657	25.3%	1.9%	72.7%
WW-659 - Greenhouse Demolition at 1150 Phel	3,446	868	739	1,840	25.2%	21.4%	53.4%
WW-647R - SEP Biosolids Digester Facilities Pro	1,739	435	724	580	25.0%	41.6%	33.4%
WW-613 - SEP Building 521/522 and Disinfectio	71,963	16,537	5,214	50,213	23.0%	7.2%	69.8%
WW-658 - As-Needed Sewer Cleaning and Insp	4,023	835	901	2,287	20.8%	22.4%	56.9%
WW-665 - SEP 042 Rehabilitation and Seismic R	174	23		152	12.9%	0.0%	87.1%
WW-614R2 - North Point Outfall Rehabilitation	35,920	2,971	8,398	24,551	8.3%	23.4%	68.3%
Total SSIP Construction	637,042	206,020	119,253	311,769	32.3%	18.7%	48.9%

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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, **15.3%** 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	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	2,314	7,533	9,848	23.5%
Painter	9,892	32,646	42,538	23.3%
Carpenter	10,643	41,300	51,943	20.5%
Electrician	16,446	66,117	82,563	19.9%
Field Surveyor	1,004	4,167	5,171	19.4%
Plumber	5,472	23,872	29,343	18.6%
Cement Mason	1,597	7,657	9,254	17.3%
Sheet Metal Worker	1,634	8,743	10,377	15.7%
Laborer	38,598	247,738	286,336	13.5%
Pile Driver	2,004	13,930	15,934	12.6%
Drywall Installer/Lather	108	913	1,021	10.5%
Operating Engineer	5,636	73,420	79,055	7.1%
Building/Construction Inspector	36	1,311	1,347	2.6%
Tunnel Worker^		5,057	5,057	0.0%
Teamster^		3,679	3,679	0.0%
Driver^		1,601	1,601	0.0%
Bricklayer		326	326	0.0%
Diver^		261	261	0.0%
Boilermaker		152	152	0.0%
Plasterer		83	83	0.0%
Grand Total	95,841	541,201	637,042	15.3%

^Non-Apprenticable Trade

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- WW-639 - OSP Digester Gas Utilization Upgrades has the highest Apprentice Utilization to date with **23.3%** of all hours worked by apprentices.

Table 10. Apprentice Utilization by Project

Project Name	Total Hours	Apprentice Hours	Journey Hours	Apprentice Utilization %
WW-639 - OSP Digester Gas Utilization Upgrades	6,961	1,624	5,337	23.3%
WW-613 - SEP Building 521/522 and Disinfection Upgrades	71,963	15,975	55,989	22.2%
WW-627R - Baker Beach Green Streets	15,409	3,248	12,161	21.1%
WW-606R2 - OSP Door and Building 930 Exterior and Awning Improvements	6,976	1,466	5,510	21.0%
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	13,278	2,680	10,598	20.2%
WW-683R - Sansome and Division Streets Combined Sewer Discharge Rehabilitation	2,794	497	2,297	17.8%
WW-628 - SEP New Headworks Facility	84,421	14,365	70,056	17.0%
WW-632 - SEP Existing Digester Gas Handling Improvements	22,086	3,580	18,506	16.2%
WW-570 - OSP and Westside Pump Station HVAC Upgrades	11,893	1,904	9,990	16.0%
WW-626 - SEP Primary and Secondary Clarifier Upgrades	75,025	11,358	63,667	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%
DB-128R2 - Bay Corridor Transmission and Distribution - Phase 1	955	130	825	13.6%
WW-665 - SEP 042 Rehabilitation And Seismic Retrofit	174	23	152	12.9%
WW-674R - Geary Boulevard Sewer and Water Improvements	15,894	1,873	14,021	11.8%
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	1,556		1,556	0.0%
SSIP Total	637,042	95,841	541,201	15.3%

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.

- 351 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, 7 pre-employment substance abuse screenings were administered, and one individual were prevented from working as the result of a non-negative test.

Table 11. Workers’ Pre-Employment Clearance Data

Sustance Abuse Testing Summary	
Project	Total
WW-614R2 - North Point Outfall Rehabilitation	116
WW-628 - SEP New Headworks Facility	74
WW-647R - SEP Biosolids Digester Facilities Project	51
WW-627R - Baker Beach Green Streets	26
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 - Visitation Valley Green Nodes	3
WW-599R - SEP Cryogenic Oxygen Plant Demolition and Liquid Oxygen System Upgrades	2
Total Cleared	337

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, 2019 through December 31, 2019
(Second Quarter FY 2019-2020)**

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
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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:

- Thirty (30) construction contracts, with a combined value of \$1.51 billion, have been awarded.
- 705,190 total craft hours have been worked by 2,520 workers who earned \$51.1 million in wages and benefits.
- 657 San Francisco residents worked 230,183 hours (**32.6%**) and earned over \$15.7 million in wages and benefits, exceeding the City’s 30% Local Hiring requirement.
- Residents of the SFPUC’s Regional Service Territory worked 132,574 hours (**18.8%**) and earned over \$9.3 million in wages and benefits.

Table 1. Worker Highlights – Total Program

Region of Worker Residence	Inception Through December 31, 2019		
	Worker Count	Hours	Wages & Benefits
All Workers	2,520	705,190	\$ 51,090,481
San Francisco	657	230,183	\$ 15,789,852
Service Territory	627	132,574	\$ 9,366,493
Outside	1,257	342,434	\$ 25,934,136

Contracting and Employment Highlights – During the Quarter:

- 196 construction workers worked 68,148 hours and earned \$4.9 million in wages and benefits.
- 45 San Francisco residents worked 24,163 hours and earned nearly \$1.6 million in wages and benefits.
- 44 SFPUC Service Territory residents worked 13,320 hours and earned \$951,000 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, 2019		
	Worker Count	Hours	Wages & Benefits
All Workers	196	68,148	4,896,872
San Francisco	45	24,163	1,566,349
SFPUC Service Territory	44	13,320	951,050
Outside	110	30,665	2,379,474

Table 3. List of SSIP Construction Contracts

Award Date	Contract Number	Prime Contractor	Project	Original Contract Award
7/23/2019	WW-691	Minerca Construction, Inc.	Sunset Boulevard Greenway -- Phase II Irving Street	\$ 2,572,351
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 Discharge Rehat	\$ 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 Oakdale Ave	\$ 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 Sewers	\$ 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 Improvements	\$ 4,049,000
5/24/2016	WW-628	Sundt/Walsh JV	SEP New Headworks Facility	\$ 224,652,224
5/10/2016	WW-570	Blocka Construction, Inc.	OSP and Westside Pump Station HVAC Upgrades	\$ 6,138,000
1/26/2016	WW-613	Western Water Constructors, Inc.	SEP Building 521/522 and Disinfection Upgrades	\$ 25,750,000
1/12/2016	WW-626	Monterey Mechanical Company	SEP Primary and Secondary Clarifier Upgrades	\$ 23,588,000
11/10/2015	WW-605R	Anvil Builders	Mission and Valencia Streets Green Gateway	\$ 2,949,013
9/22/2015	WW-609R	M Squared Construction, Inc.	Holloway Green Street Stormwater Improvements	\$ 5,591,892
6/24/2014	WW-572R	Cal State Constructors	Westside Pump Station Discharge Pipe Manifold Upgrade	\$ 4,145,047
1/28/2014	WW-556	NTK Construction, Inc.	SEP Chemical System Relocation and Facility Upgrades	\$ 14,025,000
12/11/2012	WW-541	NTK Construction, Inc.	SEP Oxygen Generation Plant Replacement	\$ 9,476,360
4/24/2012	WW-483RR	K.J. Woods Construction, Inc.	N. Shore to Channel Force Main Improvements	\$ 15,488,000
Total 30 Contracts				\$ 1,513,008,836

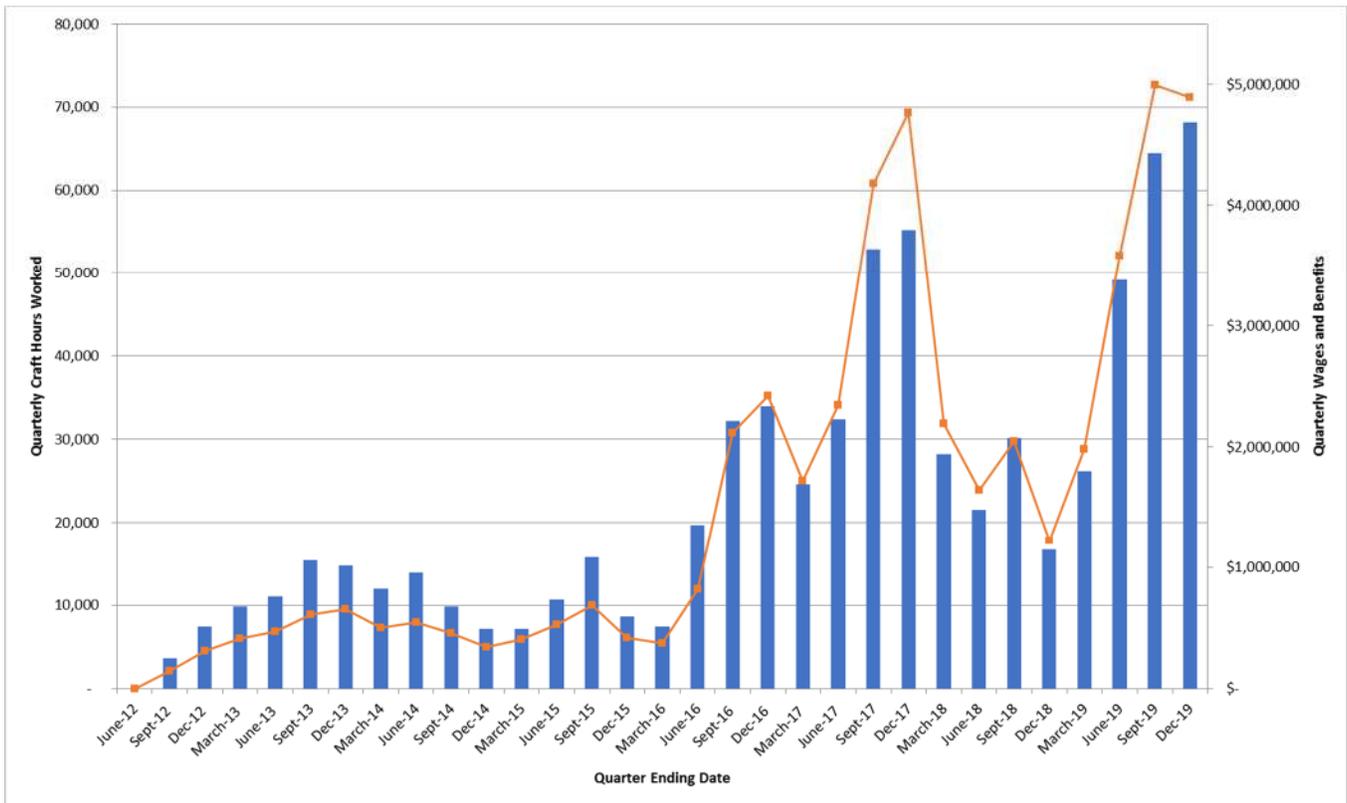
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Summary Tables and Charts

Craft Data

- During the quarter, construction workers worked 68,148 hours and earned \$4.9 million in wages and benefits.

Chart 1. Craft Hours and Wages



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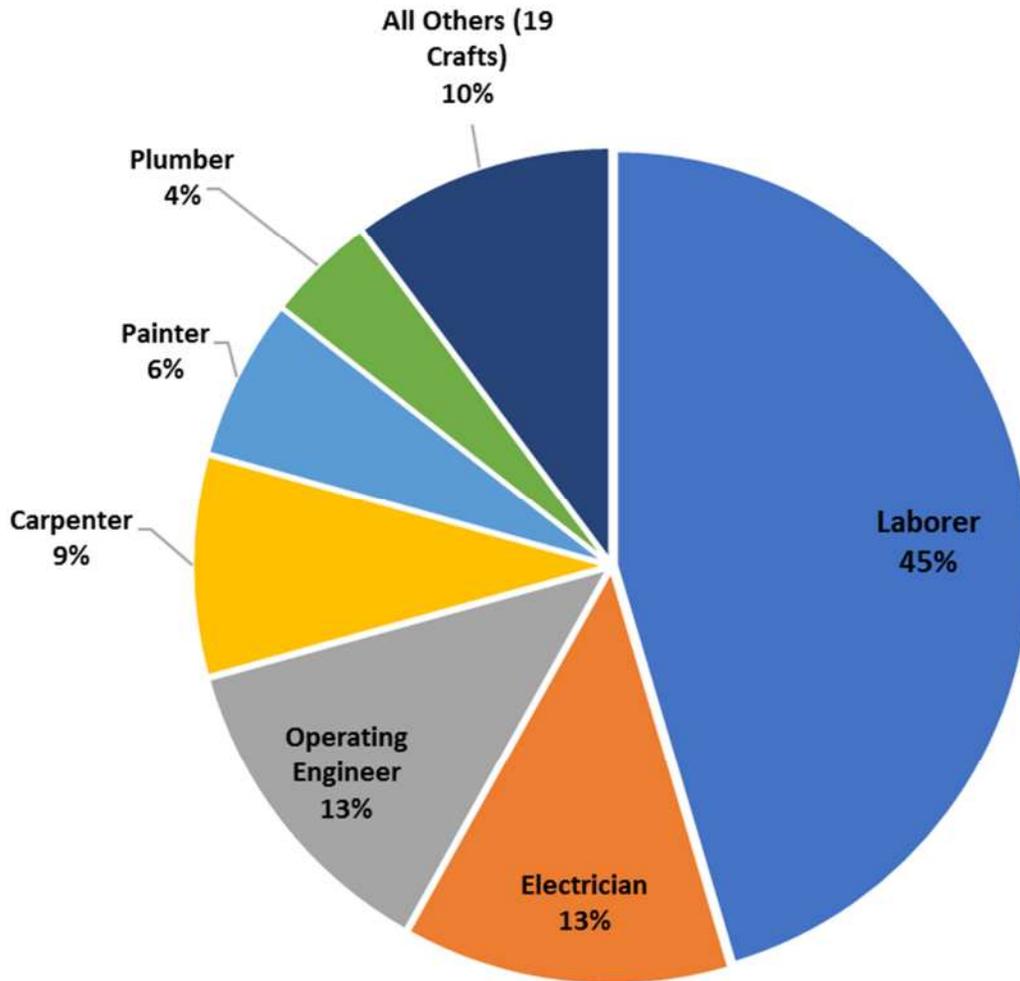
- On SSIP, 2,520 construction workers worked 705,190 construction craft hours and earned \$51,090,481 in wages and benefits.
- Laborers, Electricians, Operating Engineers, Carpenters, Painters, and Plumbers worked approximately **90%** of all hours worked on SSIP, with over 633,000 combined hours worked.

Table 4. Craft Utilization Table

Craft	Total Hours	Total Wages and Benefits	% Craft Hours of Total Hours	% Wages of Total Wages
Laborer	320,183	\$ 17,892,823	45.4%	35.0%
Electrician	89,771	\$ 8,444,368	12.7%	16.5%
Operating Engineer	88,610	\$ 7,937,136	12.6%	15.5%
Carpenter	60,750	\$ 4,425,372	8.6%	8.7%
Painter	44,134	\$ 3,068,817	6.3%	6.0%
Plumber	29,752	\$ 3,305,062	4.2%	6.5%
Top 6 Sub-Total	633,200	\$ 45,073,578	89.8%	88.2%
Pile Driver	17,745	\$ 1,899,441	2.5%	3.7%
Iron Worker	11,321	\$ 702,244	1.6%	1.4%
Sheet Metal Worker	11,013	\$ 1,203,137	1.6%	2.4%
Cement Mason	10,904	\$ 668,396	1.5%	1.3%
Field Surveyor	5,194	\$ 312,230	0.7%	0.6%
Building/Construction Inspector	1,398	\$ 123,103	0.2%	0.2%
Drywall Installer/Lather	1,021	\$ 67,337	0.1%	0.1%
Roofer	335	\$ 17,373	0.0%	0.0%
Asbestos Worker	327	\$ 22,744	0.0%	0.0%
Bricklayer	326	\$ 16,930	0.0%	0.0%
Glazier	319	\$ 22,231	0.0%	0.0%
Plasterer	189	\$ 14,516	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%
Remaining Apprenticeable Sub-Total	60,443	\$ 5,092,642	8.6%	10.0%
Tunnel Worker	5,057	\$ 308,584	0.7%	0.6%
Teamster	4,589	\$ 345,153	0.7%	0.7%
Driver	1,641	\$ 142,870	0.2%	0.3%
Diver	261	\$ 127,655	0.0%	0.2%
Total Non-Apprenticeable	11,547	\$ 924,261	1.6%	1.8%
Total SSIP-Covered by PLA	705,190	\$ 51,090,481	100.0%	100.0%

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Chart 2. Craft Utilization Pie Chart

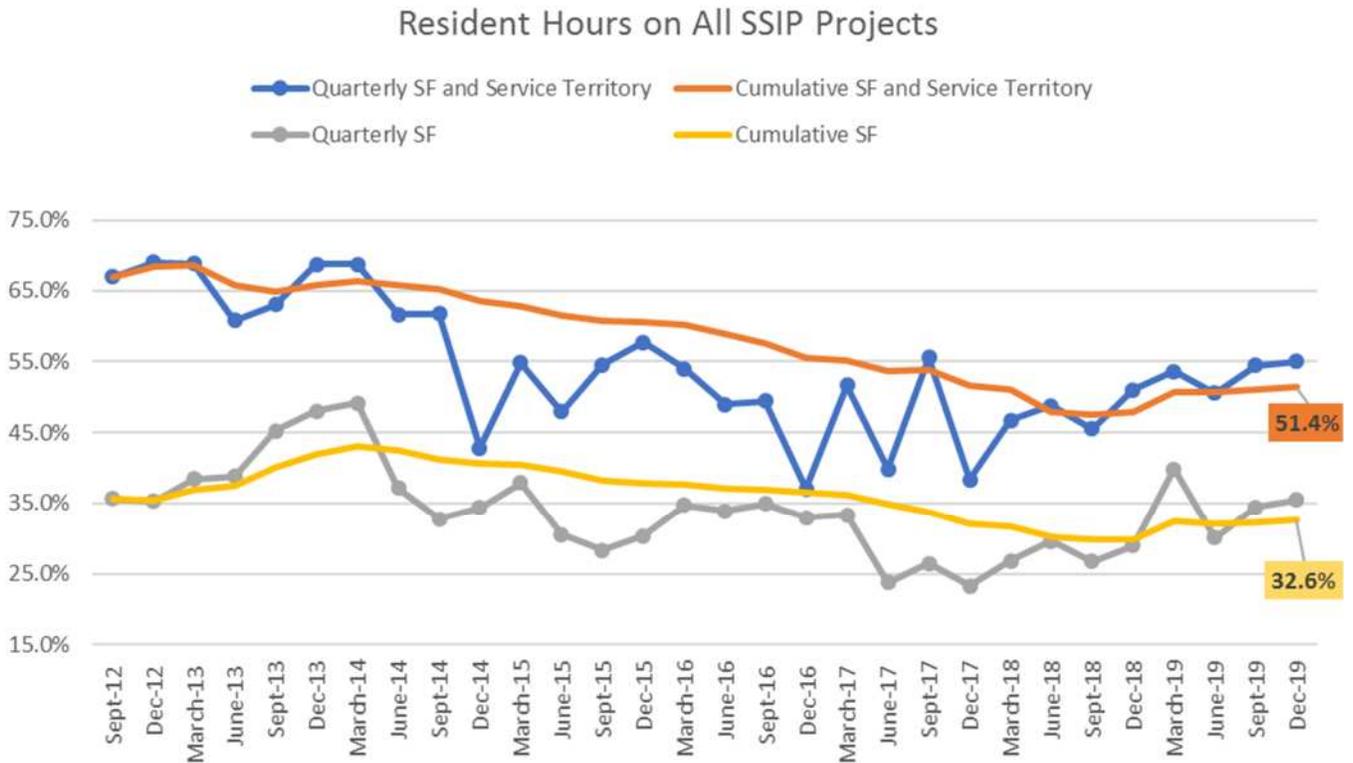


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Worker Residence Data

- Combined, San Francisco and SFPUC Regional Service Territory residents worked **51.4%** of all construction craft hours on SSIP to date.

Chart 3. Worker Residence Quarterly and Cumulative



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- San Francisco’s 657 workers worked **32.6%** 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 \$15.7 million in wages and benefits.

Table 5. Worker Residence by County

County	Total Craft Hours	Wages and Benefits	% Craft Hours	Worker Count (Not Unique)
San Francisco County	230,183	\$ 15,789,852	32.6%	657
Contra Costa County	109,186	\$ 8,293,048	15.5%	423
Alameda County	86,136	\$ 5,706,889	12.2%	393
San Mateo County	49,541	\$ 3,691,632	7.0%	184
Solano County	45,972	\$ 3,853,994	6.5%	191
San Joaquin County	26,623	\$ 1,909,943	3.8%	122
Sonoma County	14,725	\$ 994,101	2.1%	44
Tulare County	13,591	\$ 783,338	1.9%	4
Santa Clara County	13,448	\$ 854,530	1.9%	113
Sacramento County	13,429	\$ 1,176,555	1.9%	69
Fresno County	12,145	\$ 841,884	1.7%	12
Merced County	10,080	\$ 845,421	1.4%	20
Riverside County	8,815	\$ 650,314	1.3%	20
Kern County	7,029	\$ 438,277	1.0%	16
Marin County	6,558	\$ 341,792	0.9%	12
Stanislaus County	5,542	\$ 391,254	0.8%	50
Clark County	5,506	\$ 421,748	0.8%	7
Madera County	5,364	\$ 393,145	0.8%	10
Napa County	4,868	\$ 311,608	0.7%	11
Monterey County	3,994	\$ 450,316	0.6%	11
Top 20 Counties by Hours	672,732	\$ 48,139,640	95.4%	2,369
All Other Counties	32,459	\$ 2,950,841	4.6%	180
SSIP-PLA Total	705,190	\$ 51,090,481	100.0%	2,549

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The table below represents San Francisco’s ZIP Codes where the workers reside. On SSIP, workers currently reside in 28 of SF’s total 30 ZIP Codes, not including PO Boxes.

- Total hours worked by San Francisco residents on SSIP to date is approximately 230,000 hours.
- Workers living in the Southeast sector of the city, ZIP Codes 94124 (Bayview Hunters Point) and 94134 (Visitacion Valley, Portola), have worked over 66,000 hours and earned more than \$4 million in wages and benefits.
- Apprentices living in 94124 (Bayview Hunters Point) have worked close to one-third (31.3%) 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	157	21,659	28,737	50,396
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	91	3,627	31,094	34,721
94110	Mission, Bernal Heights	68	8,401	13,724	22,125
94116	Sunset District, West Portal, Forest Hill	41	2,589	17,131	19,720
94134	Visitacion Valley, Portola	60	4,515	11,110	15,625
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	16	7,754	3,885	11,638
94121	Outer Richmond	22	3,548	8,065	11,614
94132	Lake Merced, Merced Heights, San Francisco State	26	2,539	8,913	11,452
94122	Inner Sunset, Outer Sunset	41	3,270	7,730	10,999
94107	SOMA, Dog Patch, Protrero Hill	25	856	4,369	5,225
94102	Hayes Valley, Civic Center, Tenderloin	18	1,348	3,746	5,094
94130	Treasure Island	5	2,969	2,024	4,993
94103	SOMA	19	563	4,154	4,717
94118	Inner Richmond	9	1,054	3,624	4,677
94133	Chinatown, Telegraph Hill, North Beach, Fisherman's Wharf	10	866	3,076	3,942
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA	10	355	2,677	3,031
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park	12	545	1,896	2,441
94142	Tenderloin	2		1,902	1,902
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason	8	169	1,047	1,216
94114	Castro, Noe Valley	2	1,109	38	1,147
94158	Mission Bay	2	48	896	944
94105	SOMA, Embarcadero	4	501	221	722
94104	Financial District	1	58	456	514
94120	SOMA	3	176	291	467
94108	Chinatown, Union Square	5	350	64	414
94188	P.O Box	1	232	42	274
94127	Balboa Terrace, St. Francis Wood, West Portal	3	14	90	104
94123	Marina, Cow Hollow	2		75	75
SSIP San Francisco Total		663	69,109	161,074	230,183

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- Laborers living in San Francisco have worked nearly half (**49.2%**) of all San Francisco hours.
- San Francisco apprentice Laborers have worked **51%** of the 69,109 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 (19 Crafts)	
T o t a l	Total Hours	320,183	89,771	88,610	60,750	44,134	29,752	71,990	705,190
	Total %	45.4%	12.7%	12.6%	8.6%	6.3%	4.2%	10.2%	
	San Francisco Hours	113,332	34,209	32,011	15,165	7,627	10,577	17,262	230,183
	San Francisco % of Total Hours	35%	38%	36%	25%	17%	36%	24%	32.6%
	Regional Service Territory Hours	60,847	13,444	19,951	6,998	4,289	7,075	19,971	132,574
	Regional Service Territory % of Total Hours	19.0%	15.0%	22.5%	11.5%	9.7%	23.8%	27.7%	18.8%
		Laborer	Electrician	Carpenter	Painter	Operating Engineer	Plumber	All Others (19 Crafts)	SSIP Total
A p p r e n t i c e	Total Hours	45,230	18,249	13,096	9,994	6,374	5,623	10,678	109,243
	Total %	41.4%	16.7%	12.0%	9.1%	5.8%	5.1%	9.8%	
	San Francisco Hours	35,234	14,100	4,542	3,273	4,687	2,231	5,043	69,109
	San Francisco % of Total Hours	77.9%	77.3%	34.7%	32.7%	73.5%	39.7%	47.2%	63.3%
	Regional Service Territory Hours	1,692	1,087	2,145	121	646	2,240	2,519	10,449
	Regional Service Territory % of Total Hours	3.7%	6.0%	16.4%	1.2%	10.1%	39.8%	23.6%	9.6%

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- The average participation rate of San Francisco workers on SSIP projects is currently **32.6%**.
- 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-683R - Sansome, 5th, 6th, and Division Streets	7,274	4,443	170	2,661	61.1%	2.3%	36.6%
WW-572R - Westside Pump Station Discharge Pipe	9,282	5,410	495	3,378	58.3%	5.3%	36.4%
DB-128R2 - Bay Corridor Transmission and Distribution	6,505	3,454	937	2,115	53.1%	14.4%	32.5%
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	22,385	10,210	3,781	8,395	45.6%	16.9%	37.5%
WW-606R2 - OSP Door and Building 930 Exterior	7,017	3,044	1,667	2,307	43.4%	23.7%	32.9%
WW-691 - Sunset Boulevard Greenway - Phase 1	635	269	156	210	42.4%	24.6%	33.1%
WW-639 - OSP Digester Gas Utilization Upgrade	11,423	4,666	3,738	3,019	40.9%	32.7%	26.4%
WW-556 - SEP Chemical System Relocation and	39,313	15,536	2,724	21,053	39.5%	6.9%	53.6%
WW-483RR - North Shore to Channel Force Main	105,681	41,603	25,882	38,197	39.4%	24.5%	36.1%
WW-674R - Geary Boulevard Sewer and Water	24,251	9,415	8,800	6,037	38.8%	36.3%	24.9%
WW-627R - Baker Beach Green Streets	20,149	7,241	3,468	9,439	35.9%	17.2%	46.8%
WW-610R - Visitacion Valley Green Nodes	18,928	6,518	5,350	7,060	34.4%	28.3%	37.3%
WW-682R - Southeast Community Center at 155	300	100	100	100	33.3%	33.3%	33.3%
WW-570 - OSP and Westside Pump Station HVAC	11,893	3,929	2,726	5,239	33.0%	22.9%	44.0%
WW-647R - SEP Biosolids Digester Facilities Pro	2,702	888	963	851	32.9%	35.6%	31.5%
WW-605R - Mission and Valencia Streets Green	19,998	5,943	5,187	8,869	29.7%	25.9%	44.4%
WW-628 - SEP New Headworks Facility	115,494	34,112	20,316	61,066	29.5%	17.6%	52.9%
WW-657R - Drumm & Jackson Streets Sewer Im	14,943	4,382	1,664	8,897	29.3%	11.1%	59.5%
WW-626 - SEP Primary and Secondary Clarifier U	75,025	20,167	14,900	39,958	26.9%	19.9%	53.3%
WW-632 - SEP Existing Digester Gas Handling Im	22,086	5,777	6,803	9,505	26.2%	30.8%	43.0%
WW-599R - SEP Cryogenic Oxygen Plant Demoli	7,718	2,016	2,593	3,109	26.1%	33.6%	40.3%
WW-599R - SEP Cryogenic Oxygen Plant Demoli	3,446	868	739	1,840	25.2%	21.4%	53.4%
WW-651 - Griffith Pump Station Improvements	14,041	3,448	345	10,248	24.6%	2.5%	73.0%
WW-613 - SEP Building 521/522 and Disinfectio	74,477	17,360	5,296	51,822	23.3%	7.1%	69.6%
WW-658 - As-Needed Sewer Cleaning and Insp	4,023	835	901	2,287	20.8%	22.4%	56.9%
WW-665 - SEP 042 Rehabilitation and Seismic R	2,210	432	467	1,311	19.6%	21.1%	59.3%
WW-667 - Mariposa Dry Weather Pump Station	3,789	619	448	2,723	16.3%	11.8%	71.9%
WW-614R2 - North Point Outfall Rehabilitation	35,920	2,971	8,398	24,551	8.3%	23.4%	68.3%
Total SSIP Construction	705,190	230,183	132,574	342,434	32.6%	18.8%	48.6%

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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, **15.7%** 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	96	239	335	28.7%
Iron Worker	2,822	8,498	11,321	24.9%
Painter	9,994	34,140	44,134	22.6%
Carpenter	13,096	47,654	60,750	21.6%
Electrician	18,249	71,523	89,771	20.3%
Field Surveyor	1,004	4,190	5,194	19.3%
Plumber	5,623	24,130	29,752	18.9%
Cement Mason	2,031	8,873	10,904	18.6%
Sheet Metal Worker	1,754	9,259	11,013	15.9%
Laborer	45,230	274,953	320,183	14.1%
Pile Driver	2,424	15,321	17,745	13.7%
Drywall Installer/Lather	108	913	1,021	10.5%
Plasterer	16	173	189	8.5%
Operating Engineer	6,374	82,235	88,610	7.2%
Building/Construction Inspector	44	1,355	1,398	3.1%
Tunnel Worker^		5,057	5,057	0.0%
Teamster^		4,589	4,589	0.0%
Driver^		1,641	1,641	0.0%
Bricklayer		326	326	0.0%
Diver^		261	261	0.0%
Boilermaker		152	152	0.0%
Grand Total	109,243	595,947	705,190	15.7%

^Non-Apprenticable Trade

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- Although relatively new, with only 300 total hours worked, project WW-682R Southeast Community Center at 1550 Evans has the highest Apprentice Utilization to date with **33.3%** of all hours worked by apprentices.

Table 10. Apprentice Utilization by Project

Project Name	Total Hours	Apprentice Hours	Journey Hours	Apprentice Utilization %
WW-682R - Southeast Community Center at 1550 Evans	300	100	200	33.3%
WW-613 - SEP Building 521/522 and Disinfection Upgrades	74,477	16,527	57,950	22.2%
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	7,017	1,466	5,551	20.9%
WW-627R - Baker Beach Green Streets	20,149	4,001	16,148	19.9%
DB-128R2 - Bay Corridor Transmission and Distribution - Phase 1	6,505	1,260	5,245	19.4%
WW-651 - Griffith Pump Station Improvements	14,041	2,708	11,333	19.3%
WW-628 - SEP New Headworks Facility	115,494	21,503	93,992	18.6%
WW-639 - OSP Digester Gas Utilization Upgrades	11,423	2,102	9,321	18.4%
WW-674R - Geary Boulevard Sewer and Water Improvements	24,251	4,283	19,968	17.7%
WW-632 - SEP Existing Digester Gas Handling Improvements	22,086	3,580	18,506	16.2%
WW-570 - OSP and Westside Pump Station HVAC Upgrades	11,893	1,904	9,990	16.0%
WW-626 - SEP Primary and Secondary Clarifier Upgrades	75,025	11,358	63,667	15.1%
WW-683R - Sansome, 5th, 6th, and Division Streets Combined Sewer Discharge	7,274	1,083	6,191	14.9%
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-665 - SEP 042 Rehabilitation and Seismic Retrofit	2,210	211	1,999	9.5%
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	2,702	100	2,603	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 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	3,789		3,789	0.0%
WW-691 - Sunset Boulevard Greenway - Phase II Irving Street to Ulloa Street	635		635	0.0%
Grand Total	705,190	109,243	595,947	15.7%

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.

- 398 pre-employment tests have been administered on SSIP, with a total non-negative screening rate of **3.5%**. 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, 47 pre-employment substance abuse screenings were administered, and zero 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	88
WW-647R - SEP Biosolids Digester Facilities Project	76
WW-570 - OSP and Westside Pump Station HVAC Upgrades	27
WW-627R - Baker Beach Green Streets	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-639 - OSP Digester Gas Utilization Upgrades	7
WW-651 - Griffith Pump Station Improvements	5
WW-665 - SEP 042 Rehabilitation and Seismic Retrofit	4
WW-610R - Visitacion Valley Green Nodes	3
WW-599R - SEP Cryogenic Oxygen Plant Demolition and Liquid Oxygen System Upgrad	2
Total Cleared	384

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, 2020 through March 31, 2020
(Third Quarter FY 2019-2020)**

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
Unique	The number of workers without counting duplicates that moved within San Francisco to different Supervisorial Districts or ZIP Codes
WEPS	Workforce and Economic Programs Services Bureau
WWE	Wastewater Enterprise

SSIP Executive Summary

Contracting and Employment Highlights – Program to Date:

- Thirty-two (32) construction contracts, with a combined value of \$1.52 billion, have been awarded.
- 765,349 total craft hours have been worked by 2,727 workers who earned \$55.5 million in wages and benefits.
- 714 San Francisco residents worked 249,485 hours (**33%**) and earned over \$17 million in wages and benefits, exceeding the City’s 30% Local Hiring requirement.
- Residents of the SFPUC’s Regional Service Territory worked 147,667 hours (**19%**) and earned over \$10.4 million in wages and benefits.

Table 1. Worker Highlights – Total Program

Region of Worker Residence	Inception Through March 31, 2020		
	Worker Count	Hours	Wages & Benefits
All Workers	2,727	765,349	\$ 55,493,581
San Francisco	714	249,485	\$ 17,082,535
Service Territory	692	147,667	\$ 10,416,534
Outside	1,342	368,197	\$ 27,994,513

Contracting and Employment Highlights – During the Quarter:

- There were two contracts awarded:
 - WW-687 Force Main Improvements at Embarcadero and Jackson was awarded to Anvil Builders Inc. for \$5,986,222.
 - WW-696 Cargo Way Flush Line was awarded to JMB Construction, Inc. for \$4,486,280
- 207 construction workers worked 60,159 hours and earned \$4.4 million in wages and benefits.
- 57 San Francisco residents worked 19,303 hours and earned nearly \$1.3 million in wages and benefits.
- 65 SFPUC Service Territory residents worked 15,093 hours and earned \$1 million 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, 2020		
	Worker Count	Hours	Wages & Benefits
All Workers	207	60,159	4,403,100
San Francisco	57	19,303	1,292,683
SFPUC Service Territory	65	15,093	1,050,041
Outside	85	25,763	2,060,377

Table 3. List of SSIP Construction Contracts

Award Date	Contract Number	Prime Contractor	Project	Original Contract Award
2/25/2020	WW-696	JMB Construction, Inc.	Cargo Way Flush Line	\$ 4,486,280
1/14/2020	WW-687	Anvil Builders Inc.	Force Main Improvements at Embarcadero and Jackson	\$ 5,986,222
7/23/2019	WW-691	Minerca Construction, Inc.	Sunset Boulevard Greenway -- Phase II Irving Street	\$ 2,572,351
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 Discharge Rehab	\$ 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 Oakdale Ave	\$ 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 Sewers	\$ 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 Improvements	\$ 4,049,000
5/24/2016	WW-628	Sundt/Walsh JV	SEP New Headworks Facility	\$ 224,652,224
5/10/2016	WW-570	Blocka Construction, Inc.	OSP and Westside Pump Station HVAC Upgrades	\$ 6,138,000
1/26/2016	WW-613	Western Water Constructors, Inc.	SEP Building 521/522 and Disinfection Upgrades	\$ 25,750,000
1/12/2016	WW-626	Monterey Mechanical Company	SEP Primary and Secondary Clarifier Upgrades	\$ 23,588,000
11/10/2015	WW-605R	Anvil Builders	Mission and Valencia Streets Green Gateway	\$ 2,949,013
9/22/2015	WW-609R	MSquared Construction, Inc.	Holloway Green Street Stormwater Improvements	\$ 5,591,892
6/24/2014	WW-572R	Cal State Constructors	Westside Pump Station Discharge Pipe Manifold Upgrade	\$ 4,145,047
1/28/2014	WW-556	NTK Construction, Inc.	SEP Chemical System Relocation and Facility Upgrades	\$ 14,025,000
12/11/2012	WW-541	NTK Construction, Inc.	SEP Oxygen Generation Plant Replacement	\$ 9,476,360
4/24/2012	WW-483RR	K.J. Woods Construction, Inc.	N. Shore to Channel Force Main Improvements	\$ 15,488,000
Total 32 Contracts				\$ 1,523,481,338

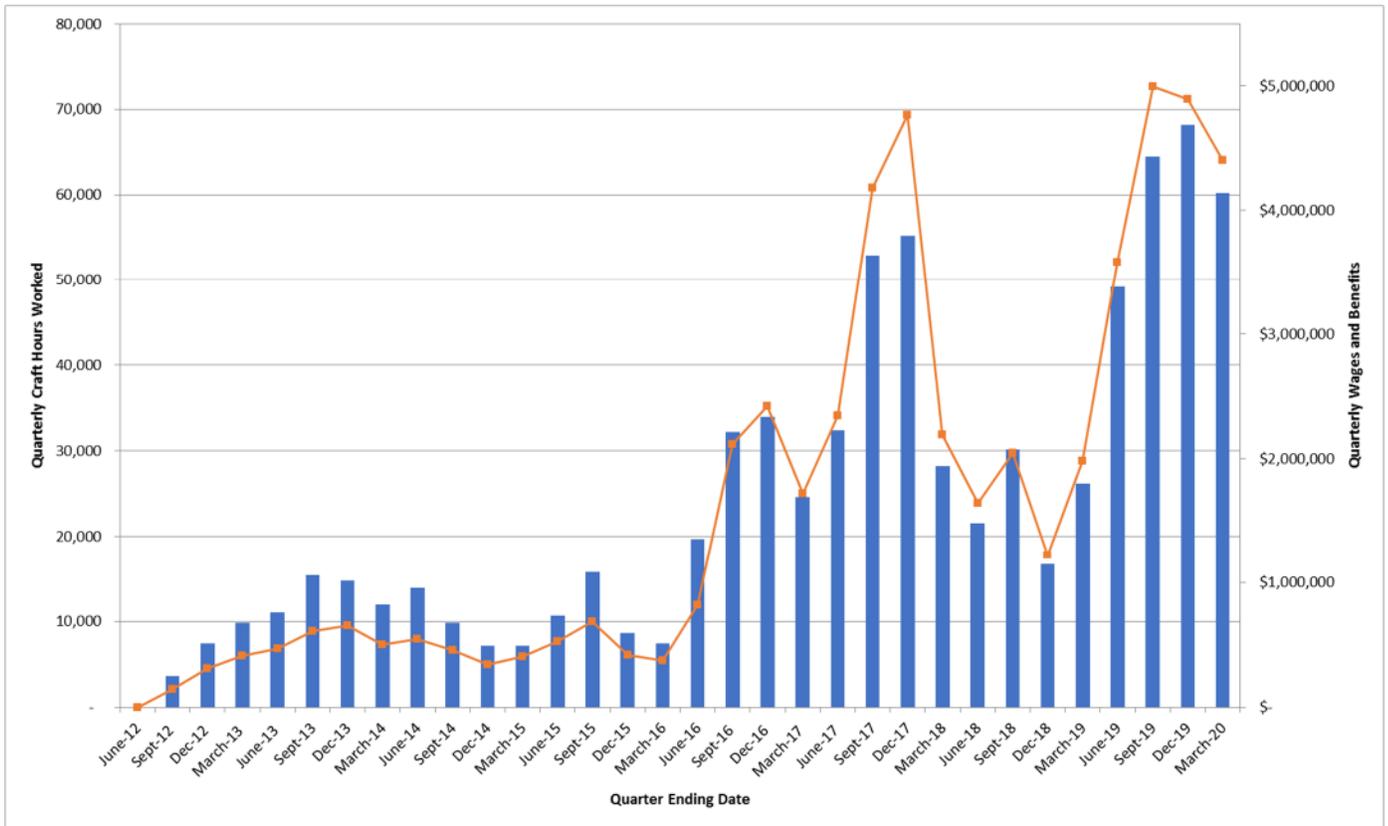
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Summary Tables and Charts

Craft Data

- During the quarter, construction workers worked 60,159 hours and earned \$4.4 million in wages and benefits.

Chart 1. Craft Hours and Wages



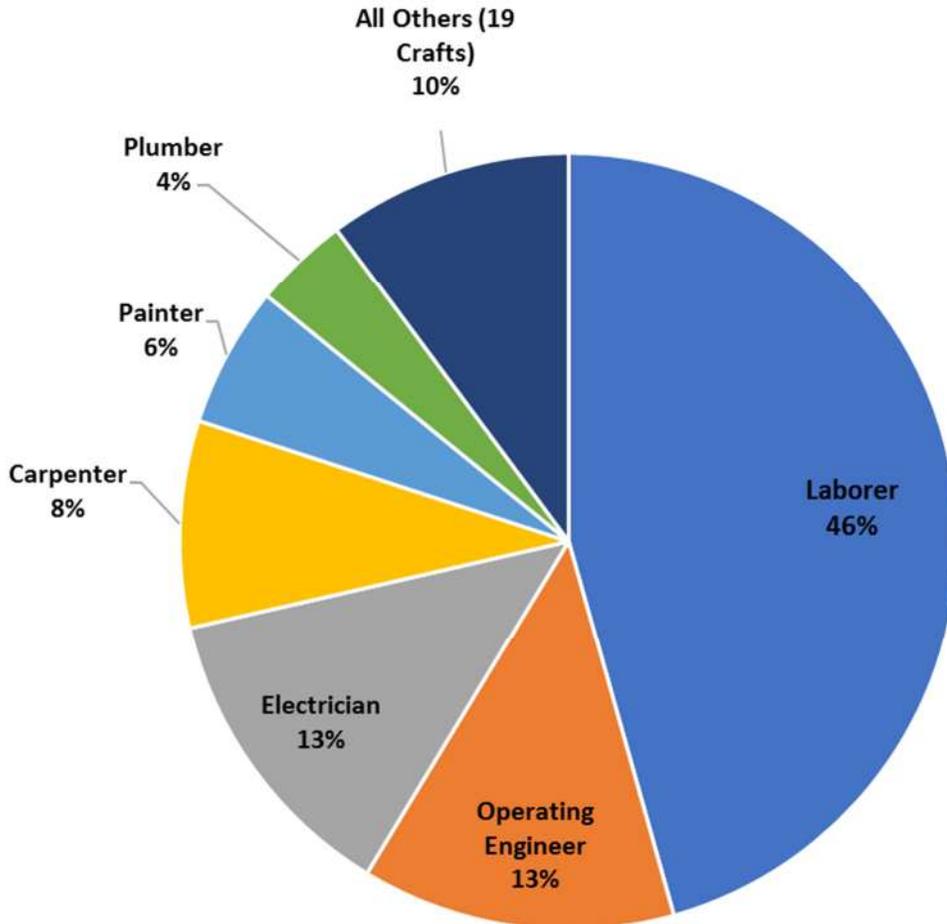
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- On SSIP, 2,727 workers worked 765,349 construction craft hours and earned \$55,493,581 in wages and benefits.
- Laborers, Operating Engineers, Electricians, Carpenters, Painters, and Plumbers worked approximately **90%** of all hours worked on SSIP, with over 687,000 combined hours worked.

Table 4. Craft Utilization Table

Craft	Total Hours	Total Wages and Benefits	% Craft Hours of Total Hours	% Wages of Total Wages
Laborer	349,297	\$ 19,515,566	45.6%	35.2%
Operating Engineer	99,823	\$ 8,851,404	13.0%	16.0%
Electrician	97,441	\$ 9,268,270	12.7%	16.7%
Carpenter	65,727	\$ 4,822,695	8.6%	8.7%
Painter	44,848	\$ 3,121,511	5.9%	5.6%
Plumber	30,333	\$ 3,367,924	4.0%	6.1%
Top 6 Sub-Total	687,469	\$ 48,947,370	89.8%	88.2%
Pile Driver	18,751	\$ 1,995,275	2.4%	3.6%
Sheet Metal Worker	13,728	\$ 1,511,271	1.8%	2.7%
Iron Worker	11,814	\$ 739,318	1.5%	1.3%
Cement Mason	11,498	\$ 708,791	1.5%	1.3%
Field Surveyor	5,194	\$ 312,230	0.7%	0.6%
Building/Construction Inspector	1,398	\$ 123,103	0.2%	0.2%
Asbestos Worker	1,042	\$ 43,730	0.1%	0.1%
Drywall Installer/Lather	1,021	\$ 67,337	0.1%	0.1%
Plasterer	526	\$ 38,831	0.1%	0.1%
Roofer	335	\$ 17,373	0.0%	0.0%
Bricklayer	326	\$ 16,930	0.0%	0.0%
Glazier	319	\$ 22,231	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%
Remaining Apprenticeable Sub-Total	66,303	\$ 5,619,380	8.7%	10.1%
Tunnel Worker	5,057	\$ 308,584	0.7%	0.6%
Teamster	4,603	\$ 346,030	0.6%	0.6%
Driver	1,657	\$ 144,563	0.2%	0.3%
Diver	261	\$ 127,655	0.0%	0.2%
Total Non-Apprenticeable	11,578	\$ 926,831	1.5%	1.7%
Total SSIP-Covered by PLA	765,349	\$ 55,493,581	100.0%	100.0%

Chart 2. Craft Utilization Pie Chart

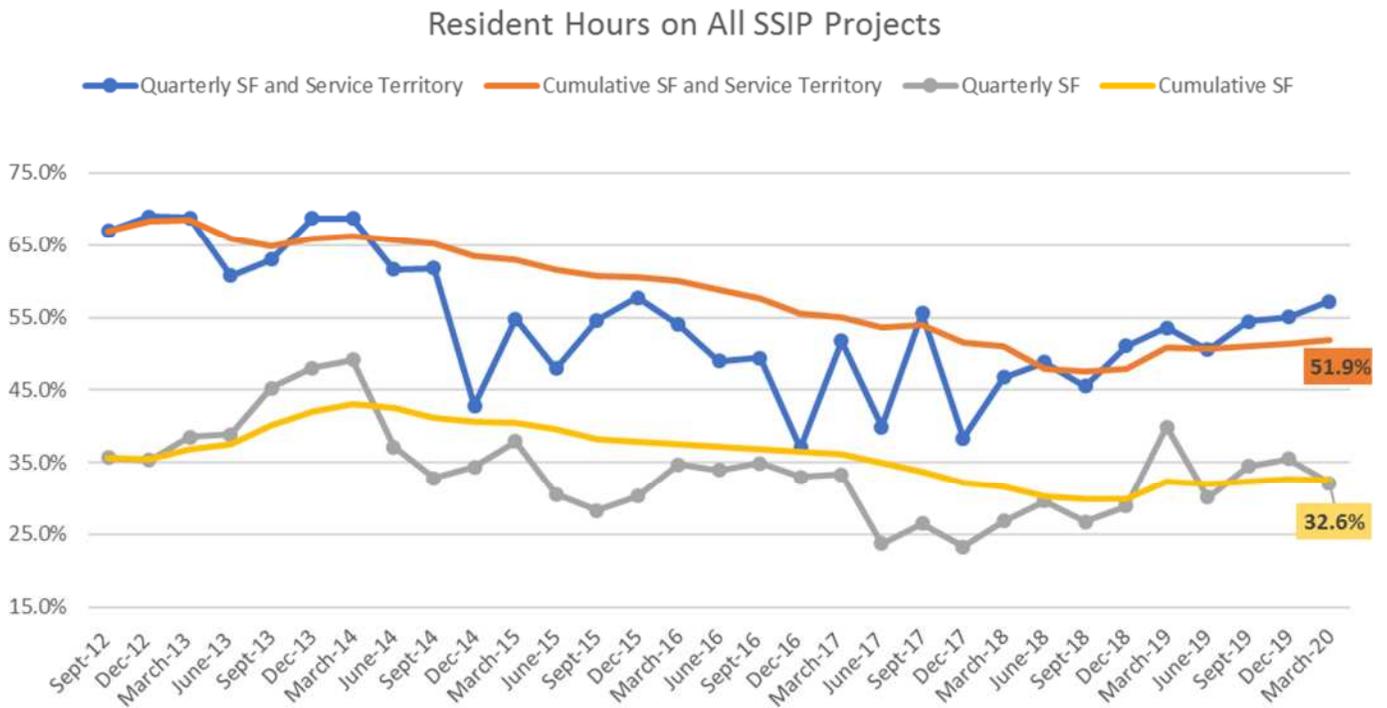


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Worker Residence Data

- Combined, San Francisco and SFPUC Regional Service Territory residents worked **51.9%** of all construction craft hours on SSIP to date.

Chart 3. Worker Residence Quarterly and Cumulative



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- San Francisco’s 714 workers worked **32.6%** 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 over \$17 million in wages and benefits.

Table 5. Worker Residence by County

County	Total Craft Hours	Wages and Benefits	% Craft Hours	Worker Count (Not Unique)
San Francisco County	249,485	\$ 17,082,535	32.6%	714
Contra Costa County	118,971	\$ 9,076,641	15.5%	454
Alameda County	93,647	\$ 6,208,428	12.2%	431
San Mateo County	56,287	\$ 4,177,280	7.4%	200
Solano County	49,469	\$ 4,142,765	6.5%	196
San Joaquin County	28,661	\$ 2,049,301	3.7%	140
Sonoma County	15,714	\$ 1,080,648	2.1%	49
Santa Clara County	15,161	\$ 955,682	2.0%	120
Sacramento County	14,980	\$ 1,311,008	2.0%	77
Tulare County	14,036	\$ 812,402	1.8%	4
Fresno County	12,289	\$ 850,246	1.6%	14
Merced County	10,513	\$ 885,461	1.4%	23
Riverside County	9,064	\$ 666,828	1.2%	21
Marin County	7,040	\$ 393,759	0.9%	15
Kern County	7,029	\$ 438,277	0.9%	16
Stanislaus County	6,661	\$ 473,798	0.9%	55
Madera County	6,101	\$ 444,536	0.8%	10
Clark County	5,506	\$ 421,748	0.7%	7
Napa County	5,061	\$ 327,734	0.7%	13
Monterey County	4,564	\$ 508,704	0.6%	11
Top 20 Counties by Hours	730,236	\$ 52,307,780	95.4%	2,570
All Other Counties	35,114	\$ 3,185,801	4.6%	186
SSIP-PLA Total	765,349	\$ 55,493,581	100.0%	2,756

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The table below represents San Francisco’s ZIP Codes where the workers reside. On SSIP, workers currently reside in 28 of SF’s total 30 ZIP Codes, not including PO Boxes.

- Total hours worked by San Francisco residents on SSIP to date is approximately 249,000 hours.
- Workers living in the Southeast sector of the city, ZIP Codes 94124 (Bayview Hunters Point) and 94134 (Visitacion Valley, Portola), have worked over 72,000 hours and earned more than \$4.4 million in wages and benefits.
- 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	181	22,906	32,699	55,606
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	101	3,841	32,762	36,603
94110	Mission, Bernal Heights	73	8,760	14,672	23,432
94116	Sunset District, West Portal, Forest Hill	41	2,963	17,238	20,201
94134	Visitacion Valley, Portola	63	4,942	11,737	16,679
94121	Outer Richmond	24	4,267	9,288	13,555
94122	Inner Sunset, Outer Sunset	42	3,742	8,061	11,803
94132	Lake Merced, Merced Heights, San Francisco State	29	2,543	9,242	11,785
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	16	7,854	3,885	11,738
94103	SOMA	23	642	5,704	6,346
94102	Hayes Valley, Civic Center, Tenderloin	18	1,668	4,226	5,894
94107	SOMA, Dog Patch, Protrero Hill	29	1,007	4,618	5,625
94130	Treasure Island	5	3,109	2,024	5,133
94118	Inner Richmond	9	1,054	4,068	5,122
94133	Chinatown, Telegraph Hill, North Beach, Fisherman's Wharf	10	866	3,459	4,325
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA	11	355	3,579	3,934
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park	12	545	1,996	2,541
94142	Tenderloin	2		1,902	1,902
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason	8	169	1,570	1,739
94114	Castro, Noe Valley	2	1,109	38	1,147
94105	SOMA, Embarcadero	4	675	334	1,009
94158	Mission Bay	2	48	896	944
94108	Chinatown, Union Square	5	350	400	750
94188	P.O Box	1	232	287	519
94104	Financial District	1	58	456	514
94120	SOMA	3	176	291	467
94127	Balboa Terrace, St. Francis Wood, West Portal	3	14	90	104
94123	Marina, Cow Hollow	2		75	75
SSIP San Francisco Total		720	73,891	175,595	249,485

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- Laborers living in San Francisco have worked nearly half (**49.3%**) of all San Francisco hours.
- San Francisco apprentice Laborers have worked **51%** of the 73,891 total hours worked by San Francisco apprentices.

Table 7. Worker Residence by Craft

		Craft							SSIP Total
		Laborer	Operating Engineer	Electrician	Carpenter	Painter	Plumber	All Others (19 Crafts)	
T o t a l	Total Hours	349,297	99,823	97,441	65,727	44,848	30,333	77,881	765,349
	Total %	45.6%	13.0%	12.7%	8.6%	5.9%	4.0%	10.2%	
	San Francisco Hours	123,044	36,049	36,523	16,470	8,046	10,751	18,602	249,485
	San Francisco % of Total Hours	35%	36%	37%	25%	18%	35%	24%	32.6%
	Regional Service Territory Hours	68,625	23,155	14,935	7,483	4,289	7,374	21,807	147,667
	Regional Service Territory % of Total Hours	19.6%	23.2%	15.3%	11.4%	9.6%	24.3%	28.0%	19.3%
		Laborer	Electrician	Carpenter	Painter	Operating Engineer	Plumber	All Others (19 Crafts)	SSIP Total
A p p r e n t i c e	Total Hours	48,019	19,995	14,665	10,134	7,280	5,797	11,713	117,603
	Total %	40.8%	17.0%	12.5%	8.6%	6.2%	4.9%	10.0%	
	San Francisco Hours	37,325	14,918	4,853	3,413	5,593	2,405	5,385	73,891
	San Francisco % of Total Hours	77.7%	74.6%	33.1%	33.7%	76.8%	41.5%	46.0%	62.8%
	Regional Service Territory Hours	1,866	1,736	2,506	121	646	2,240	3,123	12,237
	Regional Service Territory % of Total Hours	3.9%	8.7%	17.1%	1.2%	8.9%	38.6%	26.7%	10.4%

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- The average participation rate of San Francisco workers on SSIP projects is currently 32.6%.
- Workers living in San Francisco worked more than half of all the hours worked on projects WW-683R, WW-572R and DB-128R2.

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 Replac	11,509	8,580	705	2,225	74.5%	6.1%	19.3%
WW-683R - Sansome, 5th, 6th, and Division Stre	8,383	4,966	291	3,126	59.2%	3.5%	37.3%
WW-572R - Westside Pump Station Discharge P	9,282	5,410	495	3,378	58.3%	5.3%	36.4%
DB-128R2 - Bay Corridor Transmission and Distr	6,553	3,486	953	2,115	53.2%	14.5%	32.3%
WW-691 - Sunset Boulevard Greenway - Phase	2,071	1,004	614	453	48.5%	29.7%	21.9%
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	22,385	10,210	3,781	8,395	45.6%	16.9%	37.5%
WW-606R2 - OSP Door and Building 930 Exterior	7,017	3,044	1,667	2,307	43.4%	23.7%	32.9%
WW-639 - OSP Digester Gas Utilization Upgrade	14,612	5,845	4,269	4,499	40.0%	29.2%	30.8%
WW-556 - SEP Chemical System Relocation and	39,313	15,536	2,724	21,053	39.5%	6.9%	53.6%
WW-483RR - North Shore to Channel Force Mail	105,681	41,603	25,882	38,197	39.4%	24.5%	36.1%
WW-674R - Geary Boulevard Sewer and Water I	28,865	11,061	10,381	7,424	38.3%	36.0%	25.7%
WW-627R - Baker Beach Green Streets	23,078	8,366	3,972	10,741	36.2%	17.2%	46.5%
WW-610R - Visitacion Valley Green Nodes	18,928	6,518	5,350	7,060	34.4%	28.3%	37.3%
WW-647R - SEP Biosolids Digester Facilities Pro	17,544	5,878	6,251	5,415	33.5%	35.6%	30.9%
WW-570 - OSP and Westside Pump Station HVA	11,893	3,929	2,726	5,239	33.0%	22.9%	44.0%
WW-665 - SEP 042 Rehabilitation and Seismic R	6,576	2,062	1,524	2,991	31.4%	23.2%	45.5%
WW-605R - Mission and Valencia Streets Green	19,998	5,943	5,187	8,869	29.7%	25.9%	44.4%
WW-628 - SEP New Headworks Facility	137,314	40,545	24,738	72,031	29.5%	18.0%	52.5%
WW-657R - Drumm & Jackson Streets Sewer Im	14,943	4,382	1,664	8,897	29.3%	11.1%	59.5%
WW-682R - Southeast Community Center at 155	3,312	933	995	1,385	28.2%	30.0%	41.8%
WW-626 - SEP Primary and Secondary Clarifier U	75,025	20,167	14,900	39,958	26.9%	19.9%	53.3%
WW-632 - SEP Existing Digester Gas Handling Im	22,086	5,777	6,803	9,505	26.2%	30.8%	43.0%
WW-599R - SEP Cryogenic Oxygen Plant Demoli	7,718	2,016	2,593	3,109	26.1%	33.6%	40.3%
WW-659-Greenhouse Demolition at 1150 Phelp	3,446	868	739	1,840	25.2%	21.4%	53.4%
WW-651 - Griffith Pump Station Improvements	14,299	3,448	348	10,503	24.1%	2.4%	73.5%
WW-613 - SEP Building 521/522 and Disinfectio	75,669	17,481	5,370	52,819	23.1%	7.1%	69.8%
WW-658 - As-Needed Sewer Cleaning and Insp	4,023	835	901	2,287	20.8%	22.4%	56.9%
WW-667 - Mariposa Dry Weather Pump Station	5,131	677	593	3,862	13.2%	11.6%	75.3%
WW-614R2 - North Point Outfall Rehabilitation	35,920	2,971	8,398	24,551	8.3%	23.4%	68.3%
Grand Total	765,349	249,485	147,667	368,197	32.6%	19.3%	48.1%

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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, **15.6%** 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%
Roofer	96	239	335	28.7%
Iron Worker	2,918	8,895	11,814	24.7%
Painter	10,134	34,714	44,848	22.6%
Carpenter	14,665	51,063	65,727	22.3%
Electrician	19,995	77,446	97,441	20.5%
Field Surveyor	1,004	4,190	5,194	19.3%
Plumber	5,797	24,536	30,333	19.1%
Cement Mason	2,175	9,323	11,498	18.9%
Sheet Metal Worker	2,296	11,432	13,728	16.7%
Pile Driver	2,678	16,073	18,751	14.3%
Laborer	48,019	301,279	349,297	13.7%
Asbestos Worker	128	914	1,042	12.3%
Drywall Installer/Lather	108	913	1,021	10.5%
Operating Engineer	7,280	92,542	99,823	7.3%
Building/Construction Inspector	44	1,355	1,398	3.1%
Plasterer	16	510	526	3.0%
Tunnel Worker^		5,057	5,057	0.0%
Teamster^		4,603	4,603	0.0%
Driver^		1,657	1,657	0.0%
Bricklayer		326	326	0.0%
Diver^		261	261	0.0%
Boilermaker		152	152	0.0%
Grand Total	117,603	647,747	765,349	15.6%

^Non-Apprenticable Trade

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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	75,669	16,693	58,977	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 Improvement	7,017	1,466	5,551	20.9%
WW-627R - Baker Beach Green Streets	23,078	4,570	18,508	19.8%
WW-651 - Griffith Pump Station Improvements	14,299	2,757	11,542	19.3%
DB-128R2 - Bay Corridor Transmission and Distribution - Phase 1	6,553	1,260	5,293	19.2%
WW-628 - SEP New Headworks Facility	137,314	26,008	111,307	18.9%
WW-674R - Geary Boulevard Sewer and Water Improvements	28,865	4,930	23,935	17.1%
WW-632 - SEP Existing Digester Gas Handling Improvements	22,086	3,580	18,506	16.2%
WW-570 - OSP and Westside Pump Station HVAC Upgrades	11,893	1,904	9,990	16.0%
WW-639 - OSP Digester Gas Utilization Upgrades	14,612	2,215	12,398	15.2%
WW-683R - Sansome, 5th, 6th, and Division Streets Combined Sewer Discharge	8,383	1,269	7,114	15.1%
WW-626 - SEP Primary and Secondary Clarifier Upgrades	75,025	11,358	63,667	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-682R - Southeast Community Center at 1550 Evans	3,312	346	2,966	10.4%
WW-647R - SEP Biosolids Digester Facilities Project	17,544	1,704	15,840	9.7%
WW-614R2 - North Point Outfall Rehabilitation	35,920	2,750	33,170	7.7%
WW-665 - SEP 042 Rehabilitation and Seismic Retrofit	6,576	467	6,109	7.1%
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-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-691 - Sunset Boulevard Greenway - Phase II Irving Street to Ulloa Street	2,071	18	2,053	0.8%
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	5,131	-	5,131	0.0%
Grand Total	765,349	117,603	647,747	15.6%

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.

- 644 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, 246 pre-employment substance abuse screenings were administered, and seven 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-647R - SEP Biosolids Digester Facilities Project	245
WW-614R2 - North Point Outfall Rehabilitation	116
WW-628 - SEP New Headworks Facility	102
WW-682R - Southeast Community Center at 1550 Evans	52
WW-627R - Baker Beach Green Streets	27
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-639 - OSP Digester Gas Utilization Upgrades	7
WW-665 - SEP 042 Rehabilitation and Seismic Retrofit	5
WW-651 - Griffith Pump Station Improvements	5
WW-610R - Visitacion Valley Green Nodes	3
WW-632 - Southeast Water Pollution Control Plant Existing Digester Gas Handling Imp	3
WW-599R - SEP Cryogenic Oxygen Plant Demolition and Liquid Oxygen System Upgrad	2
Total Cleared	623

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

**April 1, 2020 through June 30, 2020
(Fourth Quarter FY 2019-2020)**

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 for 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's 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; excluding San Francisco ZIP Codes
SSIP	Sewer System Improvement Program
WEPS	Workforce and Economic Programs Services Bureau
WWE	Wastewater Enterprise

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Executive Summary

Contracting and Employment Highlights – Program to Date:

- Thirty-three (33) construction contracts, with a combined value of \$1.52 billion, have been awarded.
- 834,045 total craft hours have been worked by 2,999 workers who earned \$60.5 million in wages and benefits.
- 808 San Francisco residents worked 279,419 hours (**33.5%**) and earned over \$19 million in wages and benefits, exceeding the City’s Local Hiring requirement (20% to 30% on SSIP projects).
- Residents of the SFPUC’s Regional Service Territory worked 164,195 hours (**20%**) and earned over \$11.6 million in wages and benefits.

Table 1. Worker Highlights – Total Program

Region of Worker Residence	Inception Through June 30, 2020		
	Worker Count	Hours	Wages & Benefits
All Workers	2,999	834,045	\$ 60,532,375
San Francisco	808	279,419	\$ 19,079,046
Service Territory	781	164,195	\$ 11,622,290
Outside	1,440	390,431	\$ 29,831,039

Contracting and Employment Highlights – During the Quarter:

- One contract awarded:
 - WW-694 Lincoln Way/48th Ave Diversion Structure Modification was awarded to Marinship Development Interest, LLC., (a Minority-owned Business Enterprise (MBE)) for \$967,980.
- 272 construction workers worked 68,696 hours and earned \$5 million in wages and benefits.
- 94 San Francisco residents worked 29,934 hours and earned \$1.9 million in wages and benefits.
- 89 SFPUC Service Territory residents worked 16,529 hours and earned \$1.2 million 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, 2020		
	Worker Count	Hours	Wages & Benefits
All Workers	272	68,696	\$ 5,038,794
San Francisco	94	29,934	\$ 1,996,511
Service Territory	89	16,529	\$ 1,205,756
Outside	98	22,234	\$ 1,836,526

Table 3. List of SSIP Construction Contracts

Award Date	Contract Number	Prime Contractor	Project	Original Contract Award
4/14/2020	WW-694	Marinship Development Interest, LLC	Lincoln Way/48th Ave Diversion Structure Modification	\$ 967,980
2/25/2020	WW-696	JMB Construction, Inc.	Cargo Way Flush Line	\$ 4,486,280
1/14/2020	WW-687	Anvil Builders Inc.	Force Main Improvements at Embarcadero and Jackson	\$ 5,986,222
7/23/2019	WW-691	Minerca Construction, Inc	Sunset Boulevard Greenway -- Phase II Irving Street	\$ 2,572,351
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 Discharge Rehab	\$ 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 Oakdale Ave	\$ 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 Sewers	\$ 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 Improvements	\$ 4,049,000
5/24/2016	WW-628	Sundt/Walsh JV	SEP New Headworks Facility	\$ 224,652,224
5/10/2016	WW-570	Blocka Construction, Inc.	OSP and Westside Pump Station HVAC Upgrades	\$ 6,138,000
1/26/2016	WW-613	Western Water Constructors, Inc.	SEP Building 521/522 and Disinfection Upgrades	\$ 25,750,000
1/12/2016	WW-626	Monterey Mechanical Company	SEP Primary and Secondary Clarifier Upgrades	\$ 23,588,000
11/10/2015	WW-605R	Anvil Builders	Mission and Valencia Streets Green Gateway	\$ 2,949,013
9/22/2015	WW-609R	M Squared Construction, Inc.	Holloway Green Street Stormwater Improvements	\$ 5,591,892
6/24/2014	WW-572R	Cal State Constructors	Westside Pump Station Discharge Pipe Manifold Upgrade	\$ 4,145,047
1/28/2014	WW-556	NTK Construction, Inc.	SEP Chemical System Relocation and Facility Upgrades	\$ 14,025,000
12/11/2012	WW-541	NTK Construction, Inc.	SEP Oxygen Generation Plant Replacement	\$ 9,476,360
4/24/2012	WW-483RR	K.J. Woods Construction, Inc.	N. Shore to Channel Force Main Improvements	\$ 15,488,000
Total 33 Contracts				\$ 1,524,449,318

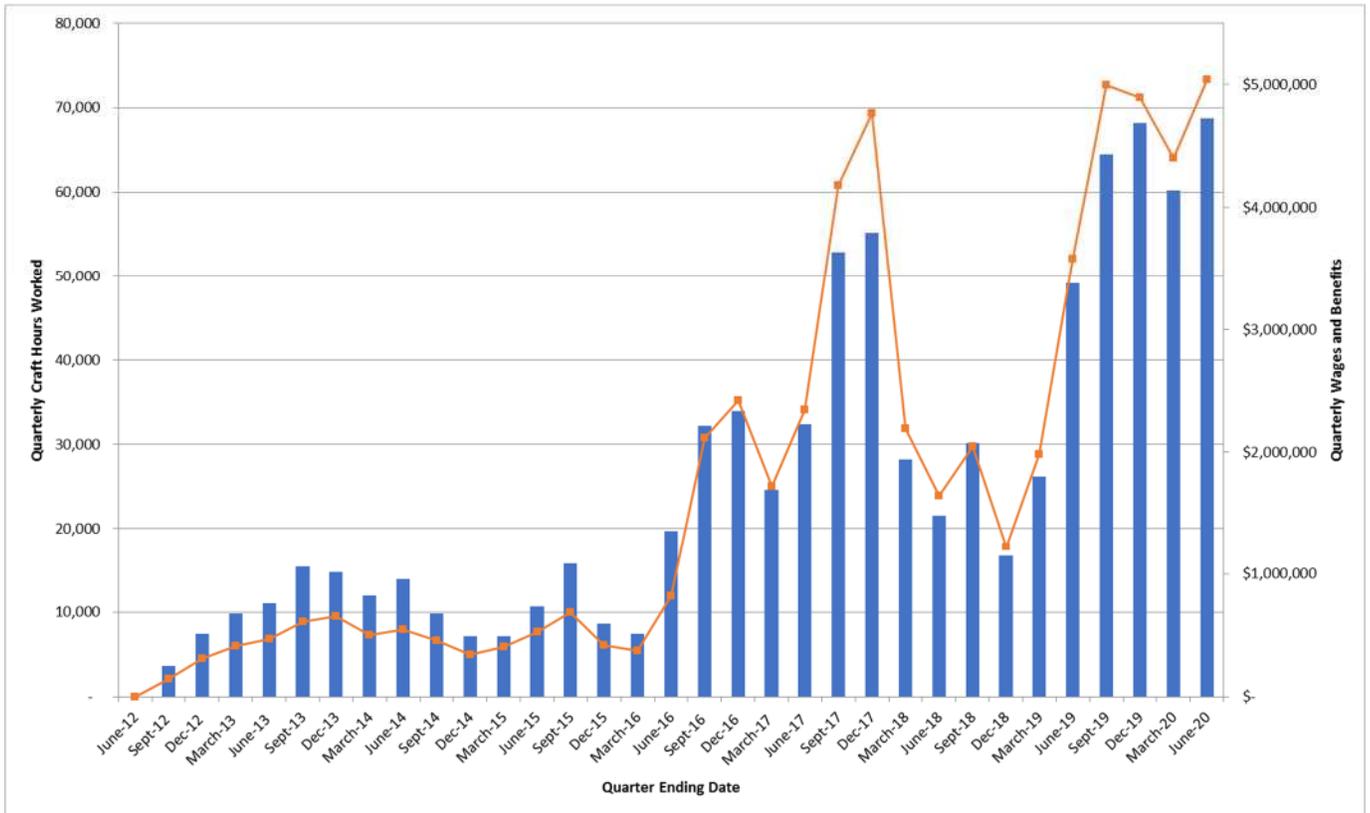
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Summary Tables and Charts

Craft Data

- During the quarter, construction workers worked 68,696 hours and earned \$5 million in wages and benefits.

Chart 1. Craft Hours and Wages



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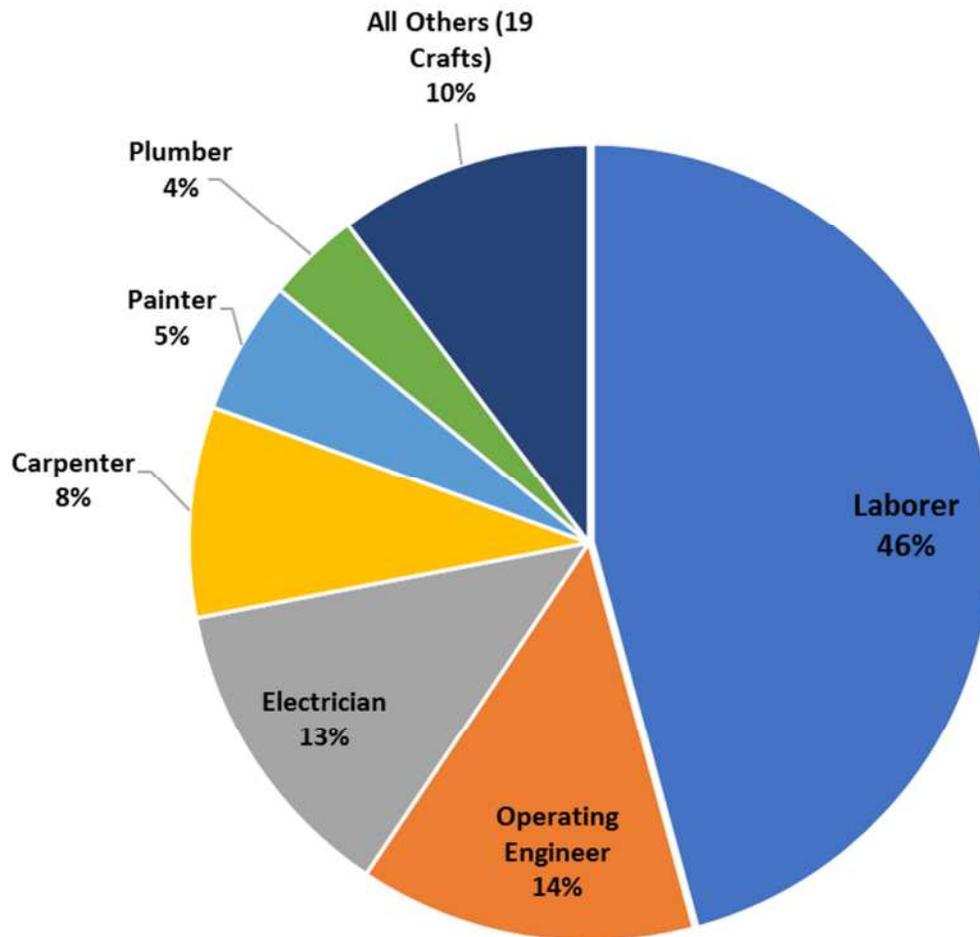
- 2,999 workers have worked 834,045 construction craft hours and earned \$60,532,375 in wages and benefits.
- Laborers, Operating Engineers, Electricians, Carpenters, Painters, and Plumbers worked approximately **90%** of all hours, with over 748,000 combined hours worked.

Table 4. Craft Utilization Table

Craft	Total Hours	Total Wages	% Craft Hours of Total Hours	% Wages of Total Wages
Laborer	381,806	\$ 21,414,352	45.8%	35.4%
Operating Engineer	113,636	\$ 10,028,997	13.6%	16.6%
Electrician	104,998	\$ 10,075,652	12.6%	16.6%
Carpenter	71,307	\$ 5,285,049	8.5%	8.7%
Painter	44,959	\$ 3,128,666	5.4%	5.2%
Plumber	31,418	\$ 3,497,501	3.8%	5.8%
Top 6 Sub-Total	748,124	\$ 53,430,217	89.7%	88.3%
Pile Driver	19,715	\$ 2,073,881	2.4%	3.4%
Sheet Metal Worker	14,388	\$ 1,596,829	1.7%	2.6%
Cement Mason	14,235	\$ 889,954	1.7%	1.5%
Iron Worker	12,952	\$ 815,810	1.6%	1.3%
Field Surveyor	5,582	\$ 340,804	0.7%	0.6%
Asbestos Worker	1,659	\$ 60,845	0.2%	0.1%
Building/Construction Inspector	1,402	\$ 123,412	0.2%	0.2%
Drywall Installer/Lather	1,021	\$ 67,337	0.1%	0.1%
Glazier	834	\$ 50,772	0.1%	0.1%
Plasterer	574	\$ 42,394	0.1%	0.1%
Rofer	335	\$ 17,373	0.0%	0.0%
Bricklayer	326	\$ 16,930	0.0%	0.0%
Boilermaker	168	\$ 11,521	0.0%	0.0%
Metal Roofing Systems Installer	165	\$ 10,469	0.0%	0.0%
Electrical Utility Lineman	36	\$ 1,943	0.0%	0.0%
Remaining Apprenticable Sub-Total	73,391	\$ 6,120,274	8.8%	10.1%
Teamster	5,457	\$ 395,049	0.7%	0.7%
Tunnel Worker	5,057	\$ 308,584	0.6%	0.5%
Driver	1,757	\$ 150,596	0.2%	0.2%
Diver	261	\$ 127,655	0.0%	0.2%
Total Non-Apprenticeable	12,531	\$ 981,884	1.5%	1.6%
Total SSIP-Covered by PLA	834,045	\$ 60,532,375	100.0%	100.0%

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Chart 2. Craft Utilization Pie Chart

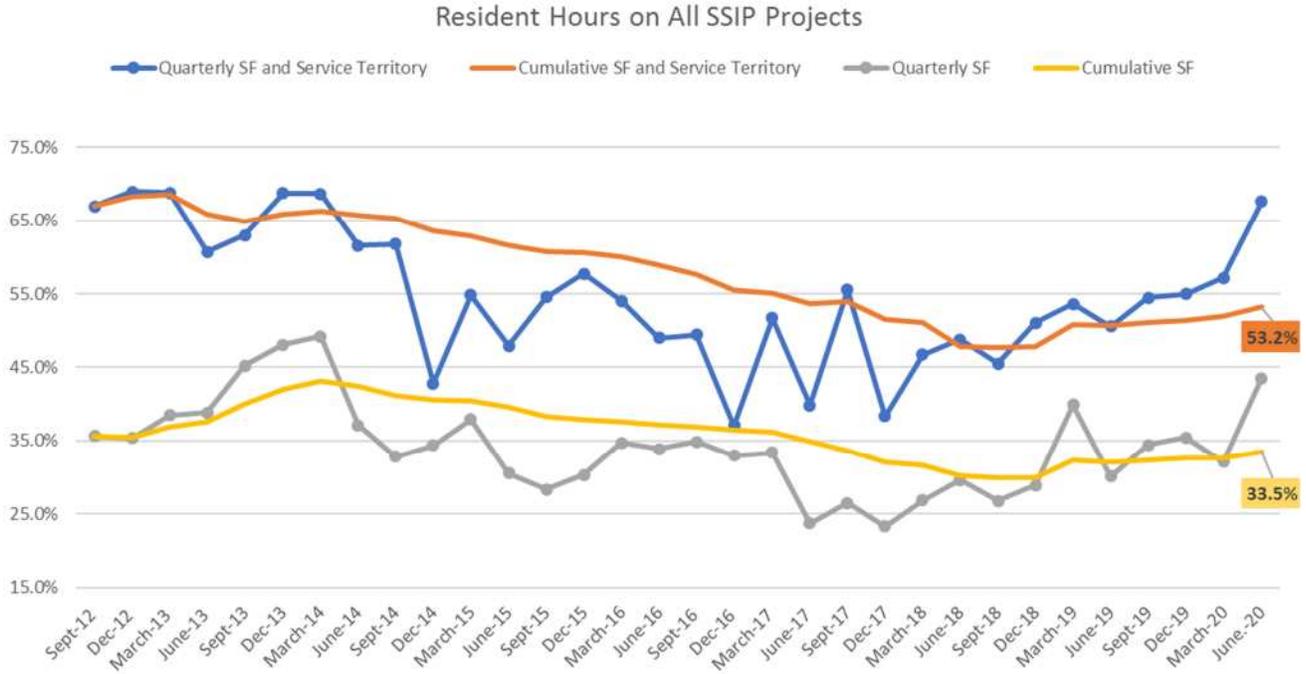


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Worker Residence Data

- Combined, San Francisco and SFPUC Regional Service Territory residents worked **53.2%** of all construction craft hours on SSIP to date.

Chart 3. Worker Residence Quarterly and Cumulative



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- San Francisco’s 808 workers worked **33.5%** of all the construction hours through June 30, 2020, as reported in the City’s online certified payroll reporting system, LCPtracker, Inc.
- San Francisco construction workers have earned more than \$19 million in wages and benefits.

Table 5. Worker Residence by County

County	Total Craft Hours	Wages & Benefits	% Craft Hours	Worker Count (Not Unique)
San Francisco County	279,419	\$ 19,079,046	33.5%	808
Contra Costa County	125,323	\$ 9,601,507	15.0%	483
Alameda County	100,656	\$ 6,709,711	12.1%	475
San Mateo County	63,763	\$ 4,701,038	7.6%	227
Solano County	53,122	\$ 4,441,573	6.4%	209
San Joaquin County	32,327	\$ 2,337,792	3.9%	159
Santa Clara County	17,471	\$ 1,092,444	2.1%	141
Sonoma County	17,020	\$ 1,173,415	2.0%	53
Sacramento County	16,092	\$ 1,418,814	1.9%	83
Tulare County	14,132	\$ 819,375	1.7%	5
Fresno County	12,289	\$ 850,246	1.5%	14
Merced County	10,835	\$ 920,899	1.3%	23
Riverside County	9,064	\$ 666,828	1.1%	21
Stanislaus County	8,417	\$ 639,101	1.0%	61
Marin County	7,739	\$ 479,959	0.9%	19
Madera County	7,242	\$ 539,319	0.9%	10
Kern County	7,047	\$ 439,322	0.8%	17
Clark County	5,523	\$ 423,260	0.7%	9
Napa County	5,114	\$ 330,852	0.6%	15
Monterey County	4,617	\$ 513,765	0.6%	11
Top 20 Counties by Hours	797,211	\$ 57,178,266	95.6%	2,843
All Other Counties	36,834	\$ 3,354,109	4.4%	195
SSIP-PLA Total	834,045	\$ 60,532,375	100.0%	3,038

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

- Total hours worked by SF residents on SSIP to date is more than 279,000 hours.
- Workers living in the Southeast sector of the city, ZIP Codes 94124 (Bayview Hunters Point) and 94134 (Visitacion Valley, Portola), have worked nearly 83,000 hours and earned more than \$5 million in wages and benefits.
- Apprentices living in 94124 have worked close to one-third (30%) of all San Francisco resident 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	205	24,430	38,710	63,139
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	113	3,905	36,512	40,416
94110	Mission, Bernal Heights	85	9,439	17,055	26,494
94116	Sunset District, West Portal, Forest Hill	45	3,149	18,122	21,271
94134	Visitacion Valley, Portola	70	5,674	13,941	19,615
94121	Outer Richmond	25	5,184	10,410	15,594
94132	Lake Merced, Merced Heights, San Francisco State	33	2,935	10,208	13,142
94122	Inner Sunset, Outer Sunset	43	4,253	8,285	12,538
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	20	8,122	4,219	12,341
94103	SOMA	31	955	7,662	8,617
94102	Hayes Valley, Civic Center, Tenderloin	20	1,948	4,869	6,817
94107	SOMA, Dog Patch, Potrero Hill	31	1,216	4,907	6,123
94118	Inner Richmond	10	1,054	4,535	5,589
94130	Treasure Island	5	3,109	2,024	5,133
94133	Chinatown, Telegraph Hill, North Beach, Fisherman's Wharf	10	866	3,722	4,588
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA	13	420	3,784	4,204
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park	14	545	2,587	3,132
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason	12	534	2,221	2,755
94142	Tenderloin	2		1,902	1,902
94114	Castro, Noe Valley	2	1,109	38	1,147
94105	SOMA, Embarcadero	4	675	334	1,009
94158	Mission Bay	2	48	896	944
94108	Chinatown, Union Square	6	350	421	771
94188	P.O Box	2	232	306	538
94104	Financial District	1	58	456	514
94120	SOMA	3	176	291	467
94127	Balboa Terrace, St. Francis Wood, West Portal	5	14	335	349
94140	P.O Box	1		147	147
94123	Marina, Cow Hollow	3		83	83
94119	P.O Box	1		44	44
SSIP San Francisco Total		817	80,394	199,025	279,419

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- Laborers living in San Francisco have worked more than half (**50.2%**) of all San Francisco hours.
- San Francisco apprentice Laborers have worked more than half (**50.4%**) of the 80,394 hours worked by San Francisco apprentices.

Table 7. Worker Residence by Craft

		Craft							SSIP Total
		Laborer	Operating Engineer	Electrician	Carpenter	Painter	Plumber	All Others	
T o t a l	Total Hours	381,806	113,636	104,998	71,307	44,959	31,418	85,921	834,045
	Total %	45.8%	13.6%	12.6%	8.5%	5.4%	3.8%	10.3%	
	San Francisco Hours	140,383	41,208	38,427	19,029	8,046	10,983	21,344	279,419
	San Francisco % of Total Hours	37%	36%	37%	27%	18%	35%	25%	33.5%
	Regional Service Territory Hours	76,514	27,407	16,469	7,962	4,365	7,844	23,635	164,195
	Regional Service Territory % of Total Hours	20.0%	24.1%	15.7%	11.2%	9.7%	25.0%	27.5%	19.7%
		Laborer	Electrician	Carpenter	Painter	Operating Engineer	Plumber	All Others (19 Crafts)	SSIP Total
A p p r e n t i c e	Total Hours	51,328	21,647	16,016	10,134	8,895	6,152	13,117	127,288
	Total %	40.3%	17.0%	12.6%	8.0%	7.0%	4.8%	10.3%	
	San Francisco Hours	40,572	15,647	5,678	3,413	6,538	2,633	5,915	80,394
	San Francisco % of Total Hours	79.0%	72.3%	35.5%	33.7%	73.5%	42.8%	45.1%	63.2%
	Regional Service Territory Hours	1,921	2,369	2,570	121	1,316	2,367	3,575	14,238
	Regional Service Territory % of Total Hours	3.7%	10.9%	16.0%	1.2%	14.8%	38.5%	27.3%	11.2%

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- The average participation rate of San Francisco workers on SSIP projects is currently 33.5%.
- WW-541 SEP Oxygen Generation Plant Replacement has the highest local worker participation to date on SSIP with workers living in San Francisco working approximately three of every four hours worked on the project.

Table 8. Worker Residence by Project

Sorted by percentage of San Francisco hours as a percentage 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 Replac	11,509	8,580	705	2,225	74.5%	6.1%	19.3%
WW-683R - Sansome, 5th, 6th, and Division Stre	8,511	5,062	291	3,158	59.5%	3.4%	37.1%
WW-572R - Westside Pump Station Discharge P	9,282	5,410	495	3,378	58.3%	5.3%	36.4%
DB-128R2 - Bay Corridor Transmission and Distr	6,553	3,486	953	2,115	53.2%	14.5%	32.3%
WW-682R - Southeast Community Center at 155	15,083	7,860	3,871	3,352	52.1%	25.7%	22.2%
WW-691 - Sunset Boulevard Greenway - Phase	4,082	1,999	1,179	905	49.0%	28.9%	22.2%
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	22,385	10,210	3,781	8,395	45.6%	16.9%	37.5%
WW-606R2 - OSP Door and Building 930 Exterior	7,017	3,044	1,667	2,307	43.4%	23.7%	32.9%
WW-665 - SEP 042 Rehabilitation and Seismic R	12,297	4,894	2,077	5,326	39.8%	16.9%	43.3%
WW-556 - SEP Chemical System Relocation and	39,313	15,536	2,724	21,053	39.5%	6.9%	53.6%
WW-483RR - North Shore to Channel Force Mai	105,681	41,603	25,882	38,197	39.4%	24.5%	36.1%
WW-647R - SEP Biosolids Digester Facilities Pro	41,890	16,370	13,662	11,857	39.1%	32.6%	28.3%
WW-674R - Geary Boulevard Sewer and Water I	34,388	13,367	12,379	8,642	38.9%	36.0%	25.1%
WW-627R - Baker Beach Green Streets	25,759	9,672	4,536	11,551	37.5%	17.6%	44.8%
WW-639 - OSP Digester Gas Utilization Upgrade	16,697	6,052	4,994	5,651	36.2%	29.9%	33.8%
WW-610R - Visitacion Valley Green Nodes	18,928	6,518	5,350	7,060	34.4%	28.3%	37.3%
WW-570 - OSP and Westside Pump Station HVA	11,893	3,929	2,726	5,239	33.0%	22.9%	44.0%
WW-628 - SEP New Headworks Facility	147,736	44,208	26,360	77,167	29.9%	17.8%	52.2%
WW-605R - Mission and Valencia Streets Green	19,998	5,943	5,187	8,869	29.7%	25.9%	44.4%
WW-657R - Drumm & Jackson Streets Sewer Im	14,943	4,382	1,664	8,897	29.3%	11.1%	59.5%
WW-626 - SEP Primary and Secondary Clarifier U	75,025	20,167	14,900	39,958	26.9%	19.9%	53.3%
WW-632 - SEP Existing Digester Gas Handling Im	22,086	5,777	6,803	9,505	26.2%	30.8%	43.0%
WW-599R - SEP Cryogenic Oxygen Plant Demoli	7,718	2,016	2,593	3,109	26.1%	33.6%	40.3%
WW-659 - Greenhouse Demolition at 1150 Phelp	3,446	868	739	1,840	25.2%	21.4%	53.4%
WW-651 - Griffith Pump Station Improvements	14,583	3,448	348	10,787	23.6%	2.4%	74.0%
WW-613 - SEP Building 521/522 and Disinfection	76,284	17,590	5,370	53,325	23.1%	7.0%	69.9%
WW-658 - As-Needed Sewer Cleaning and Insp	4,023	835	901	2,287	20.8%	22.4%	56.9%
WW-667 - Mariposa Dry Weather Pump Station	8,242	1,676	806	5,761	20.3%	9.8%	69.9%
WW-614R2 - North Point Outfall Rehabilitation	35,920	2,971	8,398	24,551	8.3%	23.4%	68.3%
Grand Total	834,045	279,419	164,195	390,431	33.5%	19.7%	46.8%

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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, **15.5%** 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	659	176	834	79.0%
Metal Roofing Systems Installer	72	93	165	43.6%
Roofer	96	239	335	28.7%
Iron Worker	3,357	9,595	12,952	25.9%
Painter	10,134	34,825	44,959	22.5%
Carpenter	16,016	55,291	71,307	22.5%
Electrician	21,647	83,351	104,998	20.6%
Plumber	6,152	25,266	31,418	19.6%
Field Surveyor	1,008	4,574	5,582	18.1%
Cement Mason	2,469	11,766	14,235	17.3%
Sheet Metal Worker	2,296	12,092	14,388	16.0%
Pile Driver	2,829	16,886	19,715	14.4%
Laborer	51,328	330,478	381,806	13.4%
Drywall Installer/Lather	108	913	1,021	10.5%
Operating Engineer	8,895	104,742	113,636	7.8%
Asbestos Worker	128	1,531	1,659	7.7%
Building/Construction Inspector	44	1,359	1,402	3.1%
Plasterer	16	558	574	2.8%
Teamster^		5,457	5,457	0.0%
Tunnel Worker^		5,057	5,057	0.0%
Driver^		1,757	1,757	0.0%
Bricklayer		326	326	0.0%
Diver		261	261	0.0%
Boilermaker		168	168	0.0%
Grand Total	127,288	706,757	834,045	15.5%

^Non-Apprenticable Trade

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- WW-613 SEP Building 521/522 and Disinfection Upgrades has the highest Apprentice Utilization to date with **22%** 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	76,284	16,810	59,475	22.0%
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	7,017	1,466	5,551	20.9%
DB-128R2 - Bay Corridor Transmission and Distribution - Phase 1	6,553	1,260	5,293	19.2%
WW-628 - SEP New Headworks Facility	147,736	28,384	119,352	19.2%
WW-651 - Griffith Pump Station Improvements	14,583	2,757	11,826	18.9%
WW-627R - Baker Beach Green Streets	25,759	4,673	21,086	18.1%
WW-674R - Geary Boulevard Sewer and Water Improvements	34,388	6,016	28,372	17.5%
WW-632 - SEP Existing Digester Gas Handling Improvements	22,086	3,580	18,506	16.2%
WW-570 - OSP and Westside Pump Station HVAC Upgrades	11,893	1,904	9,990	16.0%
WW-691 - Sunset Boulevard Greenway - Phase II Irving Street to Ulloa Street	4,082	629	3,453	15.4%
WW-683R - Sansome, 5th, 6th, and Division Streets Combined Sewer Disinfection	8,511	1,301	7,210	15.3%
WW-626 - SEP Primary and Secondary Clarifier Upgrades	75,025	11,358	63,667	15.1%
WW-657R - Drumm & Jackson Streets Sewer Improvements	14,943	2,190	12,753	14.7%
WW-639 - OSP Digester Gas Utilization Upgrades	16,697	2,358	14,339	14.1%
WW-682R - Southeast Community Center at 1550 Evans	15,083	2,090	12,993	13.9%
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-665 - SEP 042 Rehabilitation and Seismic Retrofit	12,297	1,262	11,035	10.3%
WW-647R - SEP Biosolids Digester Facilities Project	41,890	4,033	37,856	9.6%
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-667 - Mariposa Dry Weather Pump Station	8,242	348	7,894	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	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%
Grand Total	834,045	127,288	706,757	15.5%

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.

- 898 pre-employment tests have been administered on SSIP, with a total non-negative screening rate of **2.8%**. 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, 254 pre-employment substance abuse screenings were administered, and five 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-647R - SEP Biosolids Digester Facilities Project	345
WW-682R - Southeast Community Center at 1550 Evans	175
WW-628 - SEP New Headworks Facility	117
WW-614R2 - North Point Outfall Rehabilitation	116
WW-627R - Baker Beach Green Streets	27
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-665 - SEP 042 Rehabilitation and Seismic Retrofit	8
WW-667 - Mariposa Dry Weather Pump Station	8
WW-606R2 - OSP Door and Building 930 Exterior and Awning Improvements	7
WW-639 - OSP Digester Gas Utilization Upgrades	7
WW-651 - Griffith Pump Station Improvements	5
WW-610R - Visitacion Valley Green Nodes	3
WW-632 - Southeast Water Pollution Control Plant Existing Digester Gas Handling Imp	3
WW-599R - SEP Cryogenic Oxygen Plant Demolition and Liquid Oxygen System Upgrad	2
Total Cleared	872

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.