



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

Sewer System Improvement Program Project Labor Agreement Quarterly Report

**July 1, 2020 through September 30, 2020
(First Quarter FY 2020-2021)**

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

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
First Quarter FY 2020-2021

Contents

Definitions	3
Executive Summary	4
Table 1. Worker Highlights – Total Program.....	4
Table 2. Summary of Craft Worker Employment During the Quarter.....	5
Table 3. List of SSIP Construction Contracts	6
Summary Tables and Charts	7
Craft Data	7
Chart 1. Craft Hours and Wages	7
Table 4. Craft Utilization Table	8
Chart 2. Craft Utilization Pie Chart.....	9
Worker Residence Data.....	9
Chart 3. Worker Residence Quarterly and Cumulative	10
Table 5. Worker Residence by County.....	11
Table 6. SF Journey and Apprentice Hours by ZIP Code	12
Table 7. Worker Residence by Craft	13
Table 8. Worker Residence by Project.....	14
Apprentice Data	15
Table 9. Apprentice Utilization by Craft.....	15
Table 10. Apprentice Utilization by Project	16
Substance Abuse Prevention Program and Safety	17
Table 11. Workers’ Pre-Employment Clearance Data	17
History of the WSIP PLA and SSIP Extension Agreement	18
Governance and Certified Payroll Reporting System	19

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
First Quarter FY 2020-2021

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

Executive Summary

Contracting and Employment Highlights – Program to Date:

- Thirty-six (36) construction contracts, with a combined value of \$1.565 billion, have been awarded.
- 981,461 total craft hours have been worked by 3,816 workers who earned \$71.5 million in wages and benefits.
- 1,037 San Francisco residents worked 332,819 hours (**33.9%**) and earned over \$22.6 million in wages and benefits, exceeding the City’s Local Hiring requirement (20% to 30% on SSIP projects).
- 1,029 residents of the SFPUC’s Regional Service Territory worked 205,034 hours (**20.9%**) and earned over \$14.6 million in wages and benefits.

Table 1. Worker Highlights – Total Program

Region of Worker Residence	Inception Through September 30, 2020		
	Hours	Wages & Benefits	Worker Count
Outside	443,609	\$ 34,145,939	1,750
San Francisco	332,819	\$ 22,663,260	1,037
Service Territory	205,034	\$ 14,689,247	1,029
Grand Total	981,461	\$ 71,498,446	3,816

San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 First Quarter FY 2020-2021

Contracting and Employment Highlights – During the Quarter:

- Three contracts were awarded:
 - WW-702R Jackson, Griffith, and Pierce Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention was awarded to Trinet Construction, Inc., for \$3,886,300.
 - WW-662R Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades was awarded to Blocka Construction, Inc., for \$30,744,200.
 - WW-703 Mission Street, 16th to Cesar Chavez, Brick Sewer Rehabilitation was awarded to Cratus, Inc., for \$6,337,350.

- 906 construction workers worked 156,065 hours and earned more than \$11.4 million in wages and benefits.

- 273 San Francisco residents worked 57,727 hours and earned \$3.8 million in wages and benefits.

- 278 SFPUC Service Territory residents worked 42,338 hours and earned \$3.1 million in wages and benefits.

Table 2. Summary of Craft Worker Employment During the Quarter

Region of Worker Residence	Three Months Ending September 30, 2020		
	Hours	Wages & Benefits	Worker Count
Outside	56,000	\$ 4,510,131	355
San Francisco	57,727	\$ 3,803,596	273
Service Territory	42,338	\$ 3,166,188	278
Grand Total	156,065	\$ 11,479,915	906

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
First Quarter FY 2020-2021

Table 3. List of SSIP Construction Contracts

Contract Number	Project	Award Date	Prime Contractor	Original Contract Award
WW-703	Mission Street, 16th to Cesar Chavez, Brick Sewer Rehabilitation	8/25/2020	Cratus, Inc.	\$ 6,337,350
WW-662R	Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	7/28/2020	Blocka Construction, Inc	\$ 30,744,200
WW-702R	Jackson, Griffith, and Pierce Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	7/14/2020	Trinet Construction, Inc	\$ 3,886,300
WW-694	Lincoln Way/48th Ave Diversion Structure Modification	4/14/2020	Marinship Development Interest, LLC	\$ 967,980
WW-696	Cargo Way Flush Line	2/25/2020	JMB Construction, Inc.	\$ 4,486,280
WW-687	Force Main Improvements at Embarcadero and Jackson	1/14/2020	Anvil Builders Inc.	\$ 5,986,222
WW-691	Sunset Boulevard Greenway -- Phase II Irving Street	7/23/2019	Minerca Construction, Inc	\$ 2,572,351
WW-665	SEP 042 Rehabilitation And Seismic Retrofit	6/25/2019	Western Water Constructors, Inc.	\$ 9,079,210
WW-683R	Sansome and Division Streets Combined Sewer Discharge Rehab	5/14/2019	Trinet Construction Inc	\$ 4,907,090
WW-682R	Southeast Community Center at 1550 Evans	1/22/2019	Charles Pankow Builders, Inc.	\$ 71,181,251
WW-627R	Baker Beach Green Streets	9/25/2018	Minerva Construction	\$ 7,122,000
WW-667	Mariposa Dry-Weather Pump Station	9/11/2018	Western Water Constructors, Inc.	\$ 17,031,000
WW-639	OSP Digester Gas Utilization Upgrades	8/28/2018	Monterey Mechanical	\$ 38,449,000
WW-674R	Geary Boulevard Sewer and Water Improvements	8/28/2018	JMB Construction, Inc.	\$ 16,246,547
WW-659	Greenhouse Demolition at 1150 Phelps Street/1800 Oakdale Avenue	2/27/2018	Azul Works, Inc.	\$ 1,638,000
WW-657R	Drumm & Jackson Streets Sewer Improvements	1/9/2018	Anvil Builders Inc.	\$ 5,240,900
WW-658	As-Needed Sewer Cleaning and Inspection of Large Sewers	8/8/2017	Pipe and Plant Solutions	\$ 2,694,000
WW-651	Griffith Pump Station Improvements	7/11/2017	Western Water Constructors, Inc.	\$ 10,941,000
WW-599R	SEP Cryogenic Oxygen Plant	6/13/2017	Cal State Constructors	\$ 6,547,000
WW-647R	SEP Biosolids Digester Facilities	5/9/2017	MWH Constructors/Webcor Builders JV	\$ 932,715,777
WW-610R	Visitation Valley Green Nodes	2/28/2017	Minerva Construction	\$ 3,483,944
WW-653	Marin Street Sewer Replacement	2/28/2017	Ranger Pipelines, Inc.	\$ 4,860,250
WW-614R2	North Point Outfall Rehabilitation	1/10/2017	The Dutra Group	\$ 12,485,980
WW-632	SEP Existing Digester Gas Handling Improvements	1/10/2017	Monterey Mechanical Company	\$ 9,536,000
DB-126	WWE Distributed Control System Upgrades	12/13/2016	Emerson Process Management	\$ 20,425,000
WW-606R2	OSP Door and Building 930 Exterior Awning Improvements	12/13/2016	Trinet Construction, Inc.	\$ 4,049,000
WW-628	SEP New Headworks Facility	5/24/2016	Sundt/Walsh JV	\$ 224,652,224
WW-570	OSP and Westside Pump Station HVAC Upgrades	5/10/2016	Blocka Construction, Inc.	\$ 6,138,000
WW-613	SEP Building 521/522 and Disinfection Upgrades	1/26/2016	Western Water Constructors, Inc.	\$ 25,750,000
WW-626	SEP Primary and Secondary Clarifier Upgrades	1/12/2016	Monterey Mechanical Company	\$ 23,588,000
WW-605R	Mission and Valencia Streets Green Gateway	11/10/2015	Anvil Builders	\$ 2,949,013
WW-609R	Holloway Green Street Stormwater Improvements	9/22/2015	M Squared Construction, Inc.	\$ 5,591,892
WW-572R	Westside Pump Station Discharge Pipe Manifold Upgrade	6/24/2014	Cal State Constructors	\$ 4,145,047
WW-556	SEP Chemical System Relocation and Facility Upgrades	1/28/2014	NTK Construction, Inc.	\$ 14,025,000
WW-541	SEP Oxygen Generation Plant Replacement	12/11/2012	NTK Construction, Inc.	\$ 9,476,360
WW-483RR	N. Shore to Channel Force Main Improvements	4/24/2012	K.J. Woods Construction, Inc.	\$ 15,488,000
36 Projects				\$ 1,565,417,168

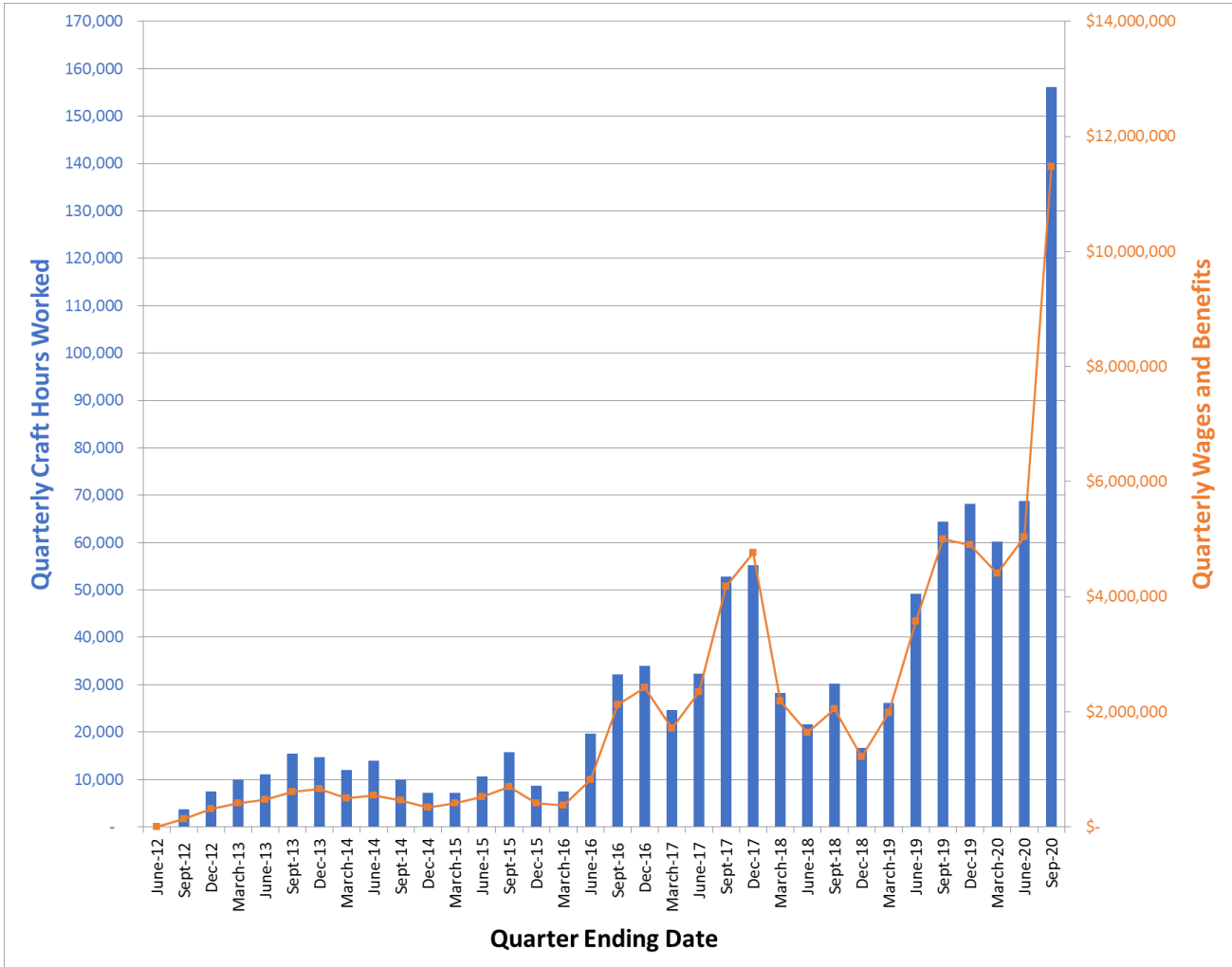
San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 First Quarter FY 2020-2021

Summary Tables and Charts

Craft Data

- During the quarter, construction workers worked more than 156,000 hours, and earned approximately \$11.5 million in wages and benefits.

Chart 1. Craft Hours and Wages



San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
First Quarter FY 2020-2021

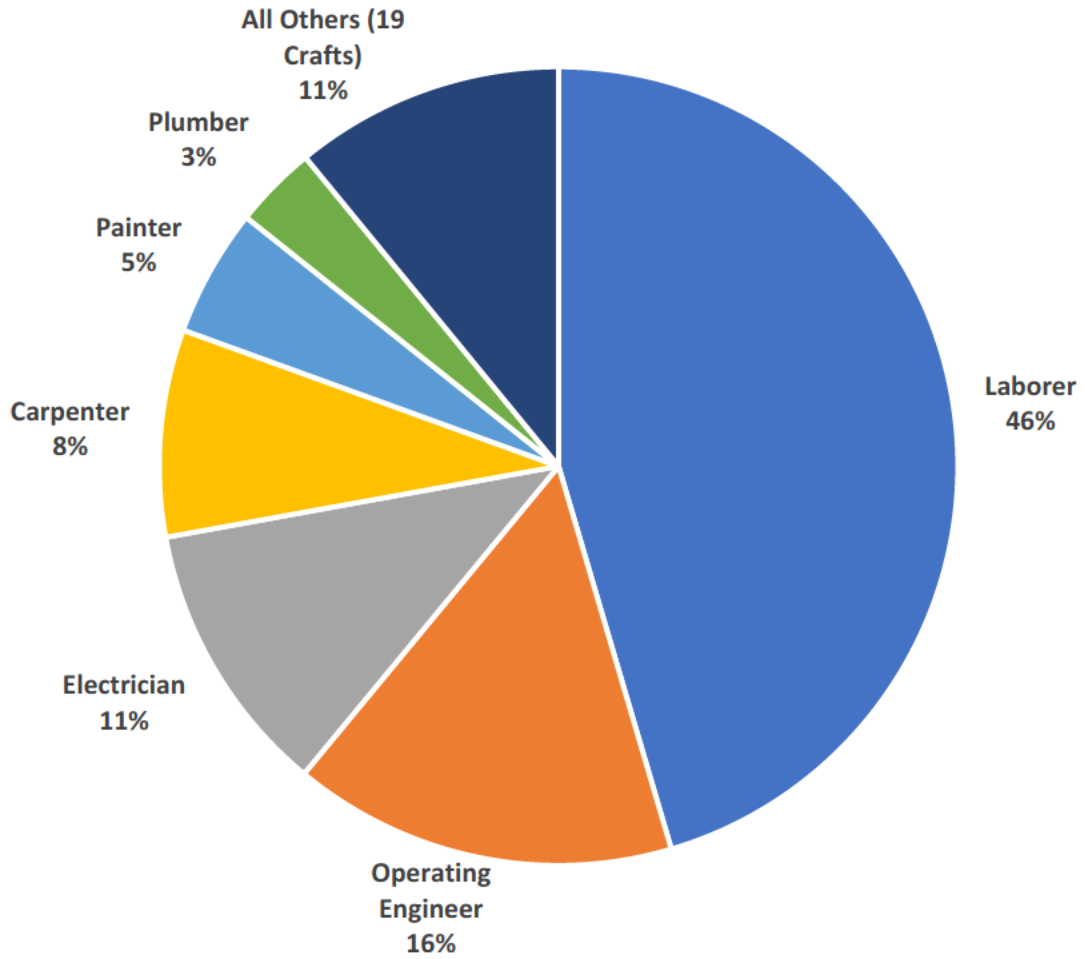
- 3,816 workers have worked 981,461 construction craft hours and earned \$71,498,446 in wages and benefits.
- Laborers, Operating Engineers, Electricians, Carpenters, Painters, and Plumbers worked **89.1%** of all hours, with over 874,000 combined hours worked.

Table 4. Craft Utilization Table

Inception Through September 30, 2020				
Craft	Total Hours	Total Wages & Benefits	% Craft Hours of Total Hours	% Wages of Total Wages
Laborer	445,976	\$ 25,428,996	45.4%	35.6%
Operating Engineer	152,699	\$ 13,542,359	15.6%	18.9%
Electrician	109,408	\$ 10,548,833	11.1%	14.8%
Carpenter	82,371	\$ 6,177,505	8.4%	8.6%
Painter	50,664	\$ 3,547,841	5.2%	5.0%
Plumber	33,051	\$ 3,696,939	3.4%	5.2%
Top 6 Crafts Sub-Total	874,168	\$ 62,942,474	89.1%	88.0%
Pile Driver	20,226	\$ 2,116,339	2.1%	3.0%
Iron Worker	19,217	\$ 1,279,607	2.0%	1.8%
Cement Mason	17,299	\$ 1,080,488	1.8%	1.5%
Sheet Metal Worker	14,753	\$ 1,645,252	1.5%	2.3%
Field Surveyor	5,876	\$ 362,509	0.6%	0.5%
Asbestos Worker	1,713	\$ 63,823	0.2%	0.1%
Plasterer	1,635	\$ 102,381	0.2%	0.1%
Building/Construction Inspector	1,405	\$ 123,584	0.1%	0.2%
Roofer	1,202	\$ 74,579	0.1%	0.1%
Drywall Installer/Lather	1,021	\$ 67,337	0.1%	0.1%
Glazier	870	\$ 52,718	0.1%	0.1%
Electrical Utility Lineman	435	\$ 41,515	0.0%	0.1%
Bricklayer	381	\$ 20,640	0.0%	0.0%
Boilermaker	168	\$ 11,521	0.0%	0.0%
Metal Roofing Systems Installer	165	\$ 10,469	0.0%	0.0%
Remaining Apprenticeable Sub-Total	86,362	\$ 7,052,763	8.8%	9.9%
Teamster	9,979	\$ 666,808	1.0%	0.9%
Driver	5,636	\$ 400,162	0.6%	0.6%
Tunnel Worker	5,057	\$ 308,584	0.5%	0.4%
Diver	261	\$ 127,655	0.0%	0.2%
Total Non-Apprenticeable	20,932	1,503,209	2.1%	2.1%
Grand Total	981,461	\$ 71,498,446	100.0%	100.0%

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
First Quarter FY 2020-2021

Chart 2. Craft Utilization Pie Chart

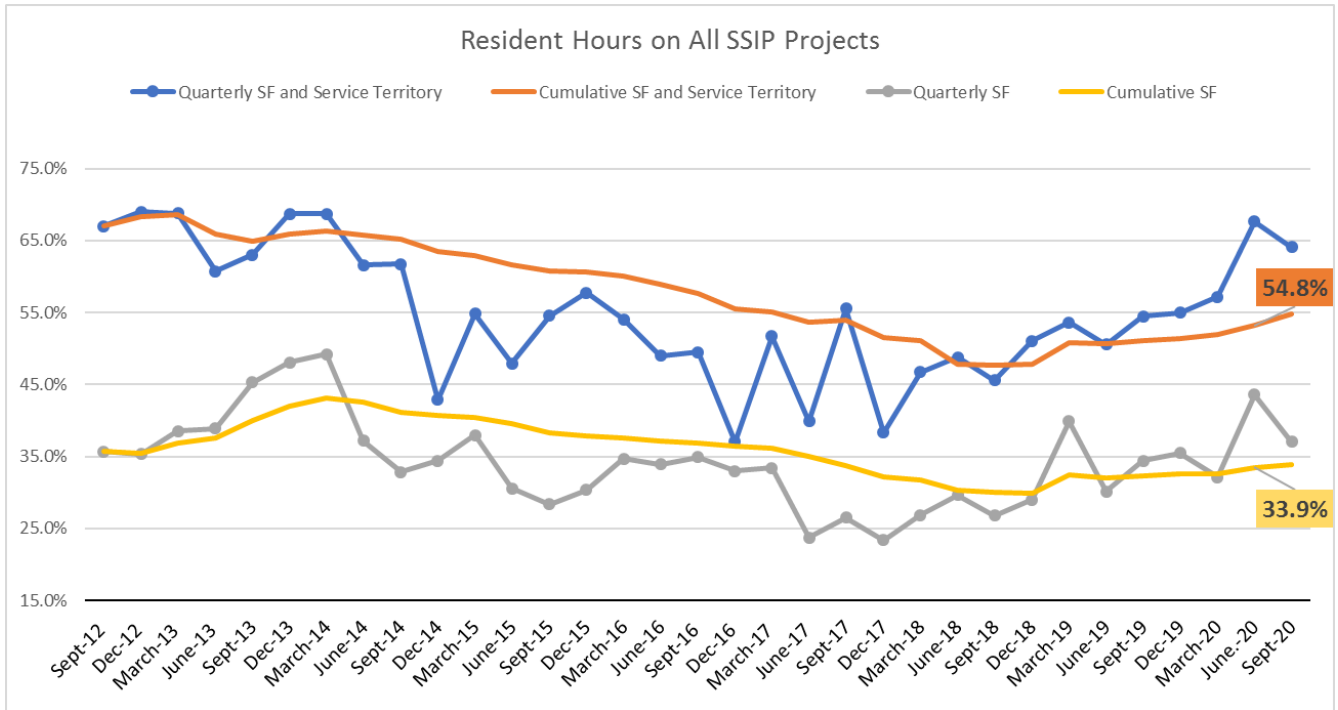


San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 First Quarter FY 2020-2021

Worker Residence Data

- Combined, San Francisco and SFPUC Regional Service Territory residents worked **54.8%** of all construction craft hours on SSIP to date.
- San Francisco residents alone have worked **33.9%** of all construction craft hours on SSIP to date.

Chart 3. Worker Residence Quarterly and Cumulative



San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
First Quarter FY 2020-2021

- San Francisco’s 1,037 workers worked **33.9%** of all the construction hours through September 30, 2020, as reported in the City’s online certified payroll reporting system, LCPtracker, Inc.
- San Francisco construction workers have earned more than \$22.6 million in wages and benefits.

Table 5. Worker Residence by County

SSIP-PLA Employment by Top 20 Counties of Residence				
Inception Through September 30, 2020				
County	Total Craft Hours	Wages & Benefits	% Craft Hours	Worker Count (Not Unique)
San Francisco County	332,819	\$ 22,663,260	33.9%	1,037
Contra Costa County	148,167	\$ 11,367,827	15.1%	591
Alameda County	118,081	\$ 8,038,624	12.0%	616
San Mateo County	76,559	\$ 5,625,901	7.8%	307
Solano County	58,318	\$ 4,856,804	5.9%	250
San Joaquin County	41,227	\$ 3,038,092	4.2%	197
Santa Clara County	21,692	\$ 1,346,356	2.2%	177
Sonoma County	20,656	\$ 1,452,901	2.1%	66
Sacramento County	17,989	\$ 1,576,849	1.8%	101
Tulare County	14,558	\$ 850,760	1.5%	7
Stanislaus County	13,111	\$ 1,063,747	1.3%	74
Merced County	12,359	\$ 1,042,449	1.3%	30
Fresno County	12,289	\$ 850,246	1.3%	14
Riverside County	9,272	\$ 680,476	0.9%	26
Madera County	8,929	\$ 692,105	0.9%	14
Marin County	8,488	\$ 554,016	0.9%	25
Kern County	7,047	\$ 439,322	0.7%	17
Clark County	5,770	\$ 445,925	0.6%	13
Monterey County	5,348	\$ 563,900	0.5%	19
Napa County	5,303	\$ 344,429	0.5%	20
Top 20 Counties by Hours	937,980	\$ 67,493,988	95.6%	3,601
All Other Counties	43,481	\$ 4,004,458	4.4%	223
Grand Total	981,461	\$ 71,498,446	100.0%	3,824

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
First Quarter FY 2020-2021

The table below represents all of San Francisco’s 30 ZIP Codes where the workers reside.

- Total hours worked by SF residents on SSIP to date is more than 332,000 hours.
- Workers living in the Southeast sector of the city, ZIP Codes 94124 (Bayview Hunters Point) and 94134 (Visitacion Valley, Portola), have worked nearly 104,000 hours and have earned more than \$6.4 million in wages and benefits.
- Apprentices living in 94124 have worked nearly one third (**29.6%**) of all San Francisco resident apprentice hours.

Table 6. SF Journey & Apprentice Hours by ZIP Code

Zip Code	Neighborhoods	Apprentice Hours	Journey Hours	Total Hours	Worker Count (Not Unique)
94124	Bayview Hunters Point	25,521	54,226	79,747	264
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	4,182	44,072	48,254	144
94110	Mission, Bernal Heights	10,660	22,935	33,595	112
94134	Visitacion Valley, Portola	5,487	18,587	24,074	86
94116	Sunset District, West Portal, Forest Hill	3,347	19,004	22,351	52
94121	Outer Richmond	5,583	11,393	16,976	39
94132	Lake Merced, Merced Heights, San Francisco State	3,189	12,008	15,197	40
94122	Inner Sunset, Outer Sunset	4,267	9,445	13,712	48
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	9,067	4,299	13,365	26
94103	SOMA	1,203	9,054	10,256	42
94102	Hayes Valley, Civic Center, Tenderloin	2,352	6,785	9,137	30
94107	SOMA, Dog Patch, Protrero Hill	1,264	5,885	7,149	37
94118	Inner Richmond	1,054	5,502	6,556	13
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA	1,067	5,020	6,086	19
94133	Chinatown, Telegraph Hill, North Beach, Fisherman's Wharf	866	5,080	5,945	13
94130	Treasure Island	3,157	2,061	5,218	7
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason	879	2,758	3,636	18
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park	545	2,614	3,159	17
94142	Tenderloin		1,902	1,902	2
94114	Castro, Noe Valley	1,109	38	1,147	2
94105	SOMA, Embarcadero	675	398	1,072	5
94158	Mission Bay	48	896	944	2
94188	PO Box	232	598	830	5
94108	Chinatown, Union Square	350	421	771	6
94104	Financial District	58	456	514	1
94127	Balboa Terrace, St. Francis Wood, West Portal	14	474	488	8
94120	SOMA	176	291	467	3
94140	PO Box		147	147	1
94123	Marina, Cow Hollow		83	83	3
94119	PO Box		44	44	1
Grand Total		86,347	246,472	332,819	1,046

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
First Quarter FY 2020-2021

- Laborers living in San Francisco have worked more than half (51.6%) of all San Francisco hours.
- San Francisco apprentice Laborers have worked approximately half (49.7%) of the 86,374 hours worked by San Francisco apprentices.

Table 7. Worker Residence by Craft

		Laborer	Operating Engineer	Electrician	Carpenter	Painter	Plumber	All Others (19 Crafts)	Total
T o t a l	Total Hours	445,976	152,699	109,408	82,371	50,664	33,051	107,294	981,461
	Total %	45.4%	15.6%	11.1%	8.4%	5.2%	3.4%	10.9%	100.0%
	San Francisco Hours	171,824	50,897	39,158	23,226	8,567	11,711	27,437	332,819
	% SF Craft Hours of Total SF Hrs.	51.6%	15.3%	11.8%	7.0%	2.6%	3.5%	8.2%	100.0%
	Regional Service Territory Hours	93,486	39,662	17,320	9,232	6,344	8,118	30,872	205,034
	% Regional Serv. Terr. Craft Hours of Total Regional Serv. Terr. Hours	45.6%	19.3%	8.4%	4.5%	3.1%	4.0%	15.1%	100.0%
		Laborer	Electrician	Carpenter	Painter	Operating Engineer	Plumber	All Others (13 Crafts)	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%	100.0%
	San Francisco Hours	42,881	15,661	7,442	3,413	7,442	3,147	6,364	86,347
	% SF Craft Hours of Total SF Hours	49.7%	18.1%	8.6%	4.0%	8.6%	3.6%	7.4%	100.0%
	Regional Service Territory Hours	1,954	2,369	3,012	654	1,316	2,367	4,237	15,909
	% Regional Serv. Terr. Craft Hours of Total Regional Serv. Terr. Hours	12.3%	14.9%	18.9%	4.1%	8.3%	14.9%	26.6%	100.0%

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
First Quarter FY 2020-2021

- The overall participation rate of San Francisco workers on SSIP projects is currently **33.9%**.
- 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		
	Outside	San Francisco	Service Territory	Grand Total	Outside	San Francisco	Service Territory
WW-541 Southeast Water Pollution Control Plant Oxygen Generation Plant Replacement	2,225	8,580	705	11,509	19.3%	74.5%	6.1%
WW-683R - Sansome, 5th, 6th (North), and Division Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	3,649	5,765	315	9,729	37.5%	59.3%	3.2%
WW-572R Westside Pump Station Discharge Pipe Manifold	3,378	5,410	495	9,282	36.4%	58.3%	5.3%
WW-691 Sunset Boulevard Greenway -- Phase II Irving Street to Ulloa Street	1,225	2,981	1,538	5,743	21.3%	51.9%	26.8%
WW-653 - Marin Street Sewer Replacement	3,967	5,949	2,858	12,774	31.1%	46.6%	22.4%
WW-609R Holloway Green Street Stormwater Improvements	8,395	10,210	3,781	22,385	37.5%	45.6%	16.9%
WW-682R - Southeast Community Center at 1550 Evans	9,667	14,709	8,172	32,548	29.7%	45.2%	25.1%
WW-606R2 - Oceanside Water Pollution Control Plant Door and Building 930 Exterior and Awning Improvements	2,307	3,044	1,667	7,017	32.9%	43.4%	23.7%
WW-556 Southeast Water Pollution Control Plant Chemical System Relocation and Facility Upgrades	21,053	15,536	2,724	39,313	53.6%	39.5%	6.9%
WW-483RR North Shore to Channel Force Main Improvement and Pavement Renovation	38,197	41,603	25,882	105,681	36.1%	39.4%	24.5%
WW-647R - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	33,916	46,465	39,416	119,797	28.3%	38.8%	32.9%
WW-674R - Geary Boulevard Sewer and Water Improvements	9,623	14,867	14,251	38,740	24.8%	38.4%	36.8%
WW-627R - Baker Beach Green Streets	11,586	9,925	4,551	26,062	44.5%	38.1%	17.5%
WW-610R - Visitacion Valley Green Nodes, Rutland Street Sewer, and Sunnydale Pavement Improvements	7,060	6,518	5,350	18,928	37.3%	34.4%	28.3%
WW-639 - Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades	7,720	6,887	5,581	20,188	38.2%	34.1%	27.6%
WW-570 - Oceanside Water Pollution Control Plant and Westside Pump Station HVAC Upgrades	5,239	3,929	2,726	11,893	44.0%	33.0%	22.9%
WW-665 - Southeast Water Pollution Control Plant 042 Rehabilitation and Seismic Retrofit	10,490	7,177	4,141	21,808	48.1%	32.9%	19.0%
WW-687 - Force Main Rehabilitation at Embarcadero and Jackson	743	833	1,064	2,641	28.1%	31.6%	40.3%
WW-628 - Southeast Water Pollution Control Plant New Headworks Facility	90,626	54,745	31,582	176,953	51.2%	30.9%	17.8%
WW-605R Mission and Valencia Streets Green Gateway	8,869	5,943	5,187	19,998	44.4%	29.7%	25.9%
WW-657R - Drumm & Jackson Streets Sewer Improvements	8,897	4,382	1,664	14,943	59.5%	29.3%	11.1%
WW-626 Southeast Water Pollution Control Plant Primary and Secondary Clarifier Upgrades	39,958	20,167	14,900	75,025	53.3%	26.9%	19.9%
WW-696 - Cargo Way Flush Line	34	50	105	189	18.0%	26.5%	55.4%
WW-632 - Southeast Water Pollution Control Plant Existing Digester Gas Handling Improvements	9,505	5,777	6,803	22,086	43.0%	26.2%	30.8%
WW-599R - Southeast Water Pollution Control Plant Cryogenic Oxygen Plant Demolition and Liquid Oxygen System Upgrades	3,109	2,016	2,593	7,718	40.3%	26.1%	33.6%
WW-667 Mariposa Dry-Weather Pump Station	8,887	3,546	1,164	13,597	65.4%	26.1%	8.6%
WW-659 - Greenhouse Demolition at 1150 Phelps Street	1,840	868	739	3,446	53.4%	25.2%	21.4%
WW-651 - Griffith Pump Station Improvements	11,119	3,448	400	14,967	74.3%	23.0%	2.7%
WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades	53,433	17,590	5,370	76,392	69.9%	23.0%	7.0%
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	2,287	835	901	4,023	56.9%	20.8%	22.4%
WW-614R2 - North Point Outfall Rehabilitation	24,551	2,971	8,398	35,920	68.3%	8.3%	23.4%
Grand Total	443,609	332,819	205,034	981,461	45.2%	33.9%	20.9%

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
First Quarter FY 2020-2021

Apprentice Data

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

- On SSIP to date, **14.2%** of all craft hours in apprenticeable trades have been worked by apprentices.
- Glaziers have utilized the most apprentices with nearly **80%** of all hours being worked by apprentices.
- Laborer Apprentices have worked **12%** of all Laborer hours.

Table 9. Apprentice Utilization by Craft

Craft	Apprentice Hours	Journey Hours	Total Hours	Apprentice Percentage of Craft Total (Apprentice/Total)
Glazier	691	179	870	79.4%
Metal Roofing Systems Installer	72	93	165	43.6%
Painter	11,658	39,006	50,664	23.0%
Iron Worker	4,341	14,876	19,217	22.6%
Carpenter	18,306	64,065	82,371	22.2%
Plumber	6,694	26,357	33,051	20.3%
Electrician	21,779	87,629	109,408	19.9%
Field Surveyor	1,016	4,860	5,876	17.3%
Cement Mason	2,976	14,322	17,299	17.2%
Roofer	187	1,015	1,202	15.6%
Sheet Metal Worker	2,296	12,457	14,753	15.6%
Pile Driver	2,879	17,347	20,226	14.2%
Laborer	53,720	392,256	445,976	12.0%
Drywall Installer/Lather	108	913	1,021	10.5%
Electrical Utility Lineman	36	399	435	8.3%
Asbestos Worker	128	1,585	1,713	7.5%
Operating Engineer	9,799	142,900	152,699	6.4%
Building/Construction Inspector	44	1,362	1,405	3.1%
Plasterer	16	1,619	1,635	1.0%
Boilermaker		168	168	0.0%
Bricklayer		381	381	0.0%
Apprenticeable Sub-total	136,745	823,785	960,530	14.2%
Teamster		9,979	9,979	0.0%
Driver		5,636	5,636	0.0%
Tunnel Worker		5,057	5,057	0.0%
Diver		261	261	0.0%
Grand Total	136,745	844,717	981,461	13.9%

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
First Quarter FY 2020-2021

- WW-613 SEP Building 521/522 and Disinfection Upgrades has the highest apprentice utilization to date with **22%** of all hours worked by apprentices.
- WW-628 Southeast Water Pollution Control Plant New Headworks Facility's apprentice utilization is currently **16.8%**.

Table 10. Apprentice Utilization by Project

Project Name	Apprentice Hours	Journey Hours	Grand Total	Apprentice Utilization %
WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades	16,810	59,583	76,392	22.0%
WW-556 Southeast Water Pollution Control Plant Chemical System Relocation and Facility Upgrades	8,255	31,058	39,313	21.0%
WW-572R Westside Pump Station Discharge Pipe Manifold	1,949	7,333	9,282	21.0%
WW-606R2 - Oceanside Water Pollution Control Plant Door and Building 930 Exterior and Awning Improvements	1,466	5,551	7,017	20.9%
WW-651 - Griffith Pump Station Improvements	2,757	12,210	14,967	18.4%
WW-627R - Baker Beach Green Streets	4,677	21,385	26,062	17.9%
WW-628 - Southeast Water Pollution Control Plant New Headworks Facility	29,764	147,189	176,953	16.8%
WW-674R - Geary Boulevard Sewer and Water Improvements	6,304	32,436	38,740	16.3%
WW-632 - Southeast Water Pollution Control Plant Existing Digester Gas Handling Improvements	3,580	18,506	22,086	16.2%
WW-570 - Oceanside Water Pollution Control Plant and Westside Pump Station HVAC Upgrades	1,904	9,990	11,893	16.0%
WW-682R - Southeast Community Center at 1550 Evans	5,167	27,381	32,548	15.9%
WW-665 - Southeast Water Pollution Control Plant 042 Rehabilitation and Seismic Retrofit	3,376	18,432	21,808	15.5%
WW-691 Sunset Boulevard Greenway -- Phase II Irving Street to Ulloa Street	873	4,870	5,743	15.2%
WW-626 Southeast Water Pollution Control Plant Primary and Secondary Clarifier Upgrades	11,358	63,667	75,025	15.1%
WW-683R - Sansome, 5th, 6th (North), and Division Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	1,437	8,292	9,729	14.8%
WW-657R - Drumm & Jackson Streets Sewer Improvements	2,190	12,753	14,943	14.7%
WW-696 - Cargo Way Flush Line	26	163	189	13.8%
WW-541 Southeast Water Pollution Control Plant Oxygen Generation Plant Replacement	1,566	9,943	11,509	13.6%
WW-605R Mission and Valencia Streets Green Gateway	2,720	17,278	19,998	13.6%
WW-483RR North Shore to Channel Force Main Improvement and Pavement Renovation	14,364	91,318	105,681	13.6%
WW-639 - Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades	2,610	17,578	20,188	12.9%
WW-667 Mariposa Dry-Weather Pump Station	1,510	12,087	13,597	11.1%
WW-614R2 - North Point Outfall Rehabilitation	2,750	33,170	35,920	7.7%
WW-610R - Visitacion Valley Green Nodes, Rutland Street Sewer, and Sunnydale Pavement Improvements	1,251	17,677	18,928	6.6%
WW-609R Holloway Green Street Stormwater Improvements	1,328	21,057	22,385	5.9%
WW-647R - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	6,068	113,729	119,797	5.1%
WW-659 - Greenhouse Demolition at 1150 Phelps Street	147	3,299	3,446	4.3%
WW-653 - Marin Street Sewer Replacement	395	12,380	12,774	3.1%
WW-599R - Southeast Water Pollution Control Plant Cryogenic Oxygen Plant Demolition and Liquid Oxygen System Upgrades	133	7,585	7,718	1.7%
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	14	4,009	4,023	0.3%
WW-687 - Force Main Rehabilitation at Embarcadero and Jackson		2,641	2,641	0.0%
Grand Total	136,745	844,717	981,461	13.9%

San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 First Quarter FY 2020-2021

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.

- 1,141 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, 243 pre-employment substance abuse screenings were administered, and six (6) 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	476
WW-682R - Southeast Community Center at 1550 Evans	259
WW-628 - SEP New Headworks Facility	132
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-667 - Mariposa Dry Weather Pump Station	10
WW-639 - OSP Digester Gas Utilization Upgrades	8
WW-665 - SEP 042 Rehabilitation and Seismic Retrofit	8
WW-606R2 - OSP Door and Building 930 Exterior and Awning Improvements	7
WW-651 - Griffith Pump Station Improvements	5
WW-687 - Force Main Improvements at Embarcadero and Jackson	4
WW-610R - Visitacion Valley Green Nodes	3
WW-632 - Southeast Water Pollution Control Plant Existing Digester Gas Handling Improvement	3
WW-599R - SEP Cryogenic Oxygen Plant Demolition and Liquid Oxygen System Upgrades	2
Total Cleared	1,109

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.