



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

Sewer System Improvement Program Project Labor Agreement Quarterly Report

**July 1, 2021 through September 30, 2021
(First Quarter FY 2021-2022)**

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 2021-2022

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	10
Chart 3. Worker Residence Quarterly and Cumulative	10
Table 5. Worker Residence by County	11
Table 6. SF Journey & 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 2021-2022

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:

- Forty (40) construction contracts, with a combined value of \$1.674 billion, have been awarded.
- 1,579,833 total craft hours have been worked by 5,052 workers who earned \$117.3 million in wages and benefits.
- 1,355 San Francisco residents worked 550,739 hours (**34.9%**) and earned over \$38.3 million in wages and benefits, exceeding the City’s Local Hiring requirement (20% to 30% on SSIP projects).
- 1,408 residents of the SFPUC’s Regional Service Territory worked 340,554 hours (**21.6%**) and earned over \$25.4 million in wages and benefits.

Table 1. Worker Highlights – Total Program

Region of Worker Residence	Inception Through September 30, 2021		
	Hours	Wages & Benefits	Worker Count
Outside	688,541	\$ 53,609,653	2,355
San Francisco	550,739	\$ 38,289,391	1,355
Service Territory	340,554	\$ 25,419,970	1,408
Grand Total	1,579,833	\$ 117,319,014	5,052

San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 First Quarter FY 2021-2022

Contracting and Employment Highlights – During the Quarter:

- No new SSIP contracts were awarded during the quarter.
- 1,052 construction workers worked 237,125 hours and earned approximately \$18.4 million in wages and benefits.
- 315 San Francisco residents worked 90,229 hours and earned \$6.5 million in wages and benefits.
- 287 SFPUC Service Territory residents worked 54,817 hours and earned \$4.4 million in wages and benefits.

Table 2. Summary of Craft Worker Employment During the Quarter

Region of Worker Residence	Three Months Ending September 30, 2021		
	Hours	Wages & Benefits	Worker Count
Outside	92,078	\$ 7,436,338	450
San Francisco	90,229	\$ 6,503,113	315
Service Territory	54,817	\$ 4,431,404	287
Grand Total	237,125	\$ 18,370,854	1,052

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
First Quarter FY 2021-2022

Table 3. List of SSIP Construction Contracts

Contract Number	Project	Award Date	Prime Contractor	Original Contract Award
WW-712	New Montgomery, Jessie, Minna, and Mission Street Brick Sewer Rehabilitation	5/11/21	D'Arcy & Harty Construction, Inc.	\$ 4,888,750
WW-711	Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	4/13/21	KJ Woods Construction Inc	\$ 29,132,100
WW-645R	Westside Pump Station Reliability Improvements	2/23/21	Anvil Builders, Inc	\$ 48,328,300
WW-685R	North Shore Pump Station, Wet Weather Improvements	1/26/21	Western Water Constructors	\$ 26,010,000
WW-703	Mission Street, 16th to Cesar Chavez, Brick Sewer Rehabilitation	8/25/20	Cratus, Inc.	\$ 6,337,350
WW-662R	Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	7/28/20	Blocka Construction, Inc	\$ 30,744,200
WW-702R	Jackson, Griffith, and Pierce Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	7/14/20	Trinet Construction, Inc	\$ 3,886,300
WW-694	Lincoln Way/48th Ave Diversion Structure Modification	4/14/20	Marinship Development Interest, LLC	\$ 967,980
WW-696	Cargo Way Flush Line	2/25/20	JMB Construction, Inc.	\$ 4,486,280
WW-687	Force Main Improvements at Embarcadero and Jackson	1/14/20	Anvil Builders Inc.	\$ 5,986,222
WW-691	Sunset Boulevard Greenway -- Phase II Irving Street	7/23/19	Minerca Construction, Inc	\$ 2,572,351
WW-665	SEP 042 Rehabilitation And Seismic Retrofit	6/25/19	Western Water Constructors, Inc.	\$ 9,079,210
WW-683R	Sansome and Division Streets Combined Sewer Discharge Rehab	5/14/19	Trinet Construction Inc	\$ 4,907,090
WW-682R	Southeast Community Center at 1550 Evans	1/22/19	Charles Pankow Builders, Inc.	\$ 71,181,251
WW-627R	Baker Beach Green Streets	9/25/18	Minerva Construction	\$ 7,122,000
WW-667	Mariposa Dry-Weather Pump Station	9/11/18	Western Water Constructors, Inc.	\$ 17,031,000
WW-639	OSP Digester Gas Utilization Upgrades	8/28/18	Monterey Mechanical	\$ 38,449,000
WW-674R	Geary Boulevard Sewer and Water Improvements	8/28/18	JMB Construction, Inc.	\$ 16,246,547
WW-659	Greenhouse Demolition at 1150 Phelps Street/1800 Oakdale Avenue	2/27/18	Azul Works, Inc.	\$ 1,638,000
WW-657R	Drumm & Jackson Streets Sewer Improvements	1/9/18	Anvil Builders Inc.	\$ 5,240,900
WW-658	As-Needed Sewer Cleaning and Inspection of Large Sewers	8/8/17	Pipe and Plant Solutions	\$ 2,694,000
WW-651	Griffith Pump Station Improvements	7/11/17	Western Water Constructors, Inc.	\$ 10,941,000
WW-599R	SEP Cryogenic Oxygen Plant	6/13/17	Cal State Constructors	\$ 6,547,000
WW-647R	SEP Biosolids Digester Facilities	5/9/17	MWH Constructors/Webcor Builders JV	\$ 932,715,777
WW-610R	Visitacion Valley Green Nodes	2/28/17	Minerva Construction	\$ 3,483,944
WW-653	Marin Street Sewer Replacement	2/28/17	Ranger Pipelines, Inc.	\$ 4,860,250
WW-614R2	North Point Outfall Rehabilitation	1/10/17	The Dutra Group	\$ 12,485,980
WW-632	SEP Existing Digester Gas Handling Improvements	1/10/17	Monterey Mechanical Company	\$ 9,536,000
DB-126	WWE Distributed Control System Upgrades	12/13/16	Emerson Process Management	\$ 20,425,000
WW-606R2	OSP Door and Building 930 Exterior Awning Improvements	12/13/16	Trinet Construction, Inc.	\$ 4,049,000
WW-628	SEP New Headworks Facility	5/24/16	Sundt/Walsh JV	\$ 224,652,224
WW-570	OSP and Westside Pump Station HVAC Upgrades	5/10/16	Blocka Construction, Inc.	\$ 6,138,000
WW-613	SEP Building 521/522 and Disinfection Upgrades	1/26/16	Western Water Constructors, Inc.	\$ 25,750,000
WW-626	SEP Primary and Secondary Clarifier Upgrades	1/12/16	Monterey Mechanical Company	\$ 23,588,000
WW-605R	Mission and Valencia Streets Green Gateway	11/10/15	Anvil Builders	\$ 2,949,013
WW-609R	Holloway Green Street Stormwater Improvements	9/22/15	M Squared Construction, Inc.	\$ 5,591,892
WW-572R	Westside Pump Station Discharge Pipe Manifold Upgrade	6/24/14	Cal State Constructors	\$ 4,145,047
WW-556	SEP Chemical System Relocation and Facility Upgrades	1/28/14	NTK Construction, Inc.	\$ 14,025,000
WW-541	SEP Oxygen Generation Plant Replacement	12/11/12	NTK Construction, Inc.	\$ 9,476,360
WW-483RR	N. Shore to Channel Force Main Improvements	4/24/12	K.J. Woods Construction, Inc.	\$ 15,488,000
40 Projects				\$ 1,673,776,318

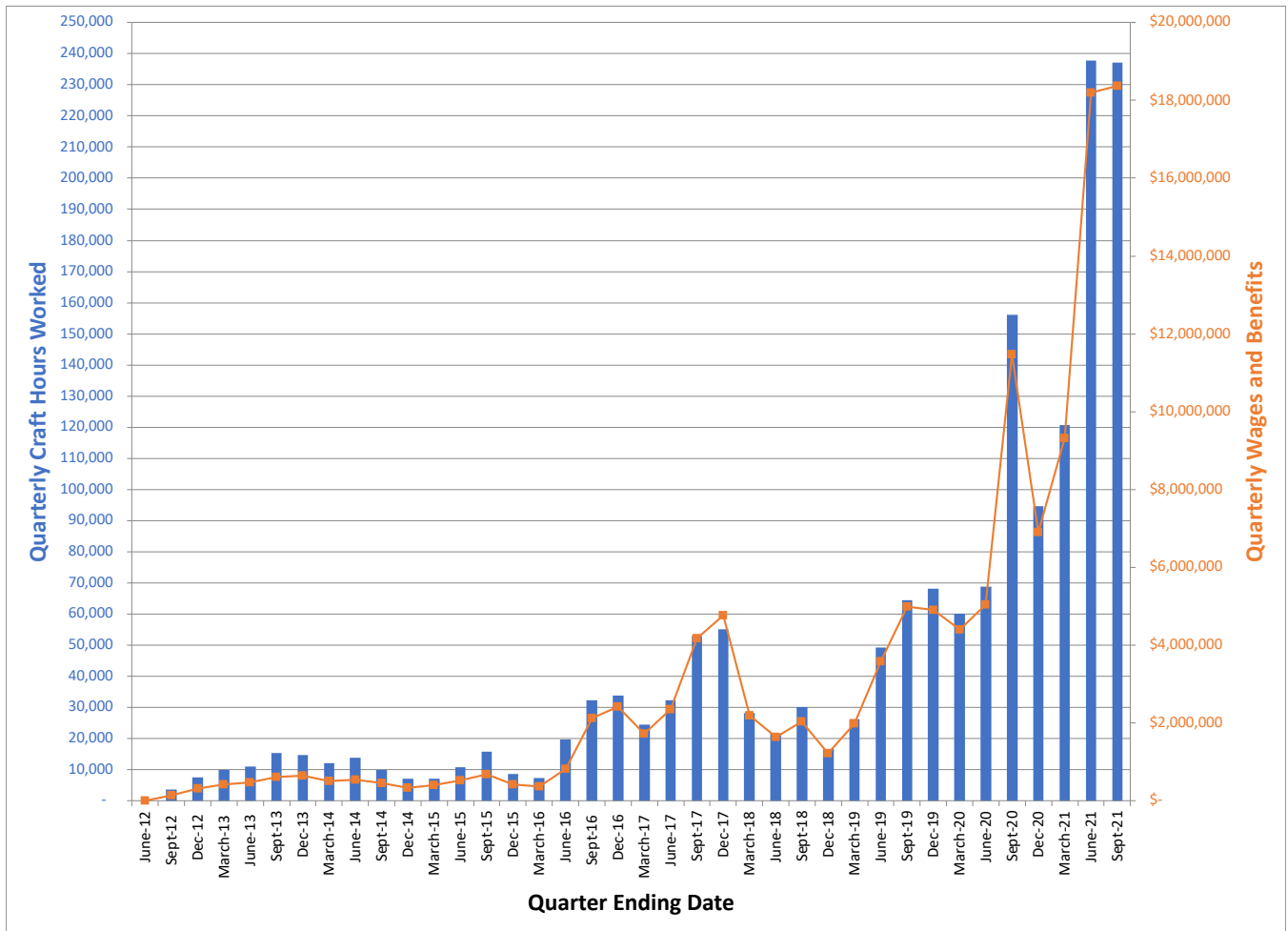
San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 First Quarter FY 2021-2022

Summary Tables and Charts

Craft Data

- During the quarter, construction workers worked 237,125 hours and earned approximately \$18.4 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 2021-2022

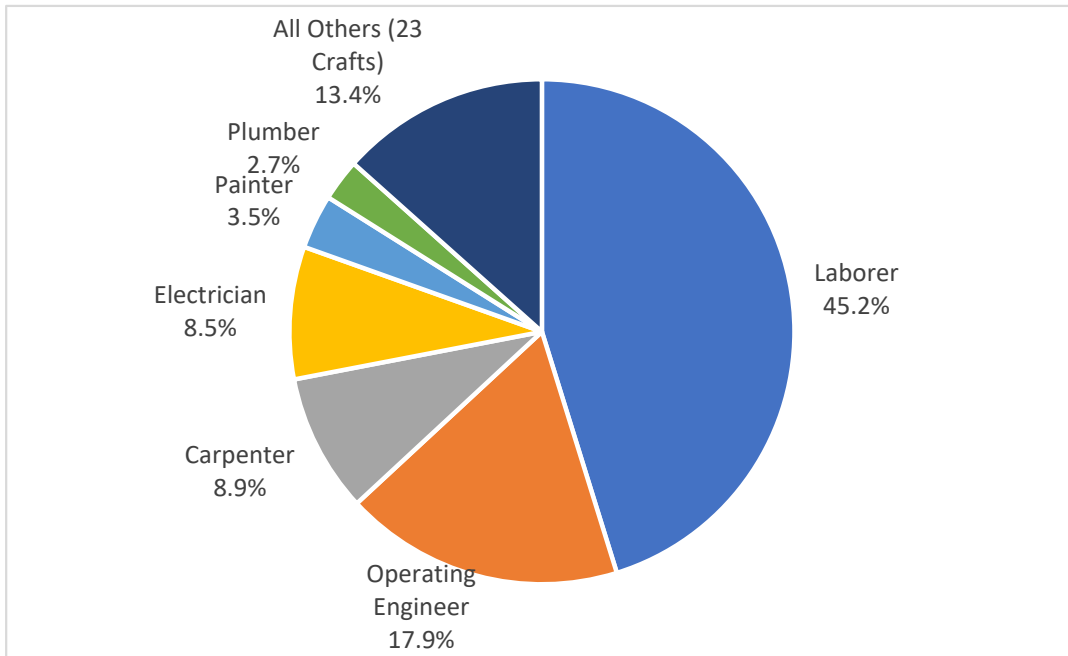
- 5,052 workers have worked 1,579,833 construction craft hours and earned \$117.3M in wages and benefits.
- Laborers, Operating Engineers, Carpenters, Electricians, Painters, and Plumbers represent **86.7%** of all craft hours worked on SSIP so far, with Laborers representing about half (**45.2%**) of all hours.

Table 4. Craft Utilization Table

Cumulative Employment by Craft				
Inception Through September 30, 2021				
Craft	Total Hours	Total Wages	% Craft Hrs of Total Hrs	% Wages of Ttl Wgs
Laborer	714,178	\$ 42,347,747	45.2%	36.1%
Operating Engineer	282,689	\$ 24,767,135	17.9%	21.1%
Carpenter	140,207	\$ 11,357,998	8.9%	9.7%
Electrician	134,015	\$ 13,236,372	8.5%	11.3%
Painter	54,929	\$ 3,896,479	3.5%	3.3%
Plumber	42,239	\$ 4,799,443	2.7%	4.1%
Top 6 Crafts Sub-Total	1,368,256	\$ 100,405,175	86.6%	85.6%
Iron Worker	40,147	\$ 2,765,810	2.5%	2.4%
Cement Mason	26,226	\$ 1,738,016	1.7%	1.5%
Pile Driver	20,091	\$ 2,124,534	1.3%	1.8%
Sheet Metal Worker	19,130	\$ 2,087,441	1.2%	1.8%
Field Surveyor	15,171	\$ 1,047,817	1.0%	0.9%
Drywall Installer/Lather	8,805	\$ 686,186	0.6%	0.6%
Plasterer	8,699	\$ 656,353	0.6%	0.6%
Boilermaker	5,757	\$ 524,528	0.4%	0.4%
Glazier	5,227	\$ 378,016	0.3%	0.3%
Asbestos Worker	1,957	\$ 85,320	0.1%	0.1%
Building/Construction Inspector	1,829	\$ 154,271	0.1%	0.1%
Tile Setter	1,279	\$ 86,098	0.1%	0.1%
Roofer	1,058	\$ 68,098	0.1%	0.1%
Tile Finisher	917	\$ 44,091	0.1%	0.0%
Elevator Constructor	614	\$ 60,892	0.0%	0.1%
Bricklayer	508	\$ 29,443	0.0%	0.0%
Electrical Utility Lineman	435	\$ 41,515	0.0%	0.0%
Metal Roofing Systems Installer	165	\$ 10,469	0.0%	0.0%
Sprinklerfitters	26	\$ 2,967	0.0%	0.0%
Remaining Apprenticeable Sub-Total	158,036	\$ 12,591,865	10.0%	10.7%
Teamster	32,168	\$ 2,551,316	2.0%	2.2%
Driver	16,055	\$ 1,334,419	1.0%	1.1%
Tunnel Worker	5,057	\$ 308,584	0.3%	0.3%
Diver	261	\$ 127,655	0.0%	0.1%
Total Non-Apprenticeable	53,541	\$ 4,321,974	3.4%	3.7%
Grand Total	1,579,833	\$ 117,319,014	100.0%	100.0%

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
First Quarter FY 2021-2022

Chart 2. Craft Utilization Pie Chart

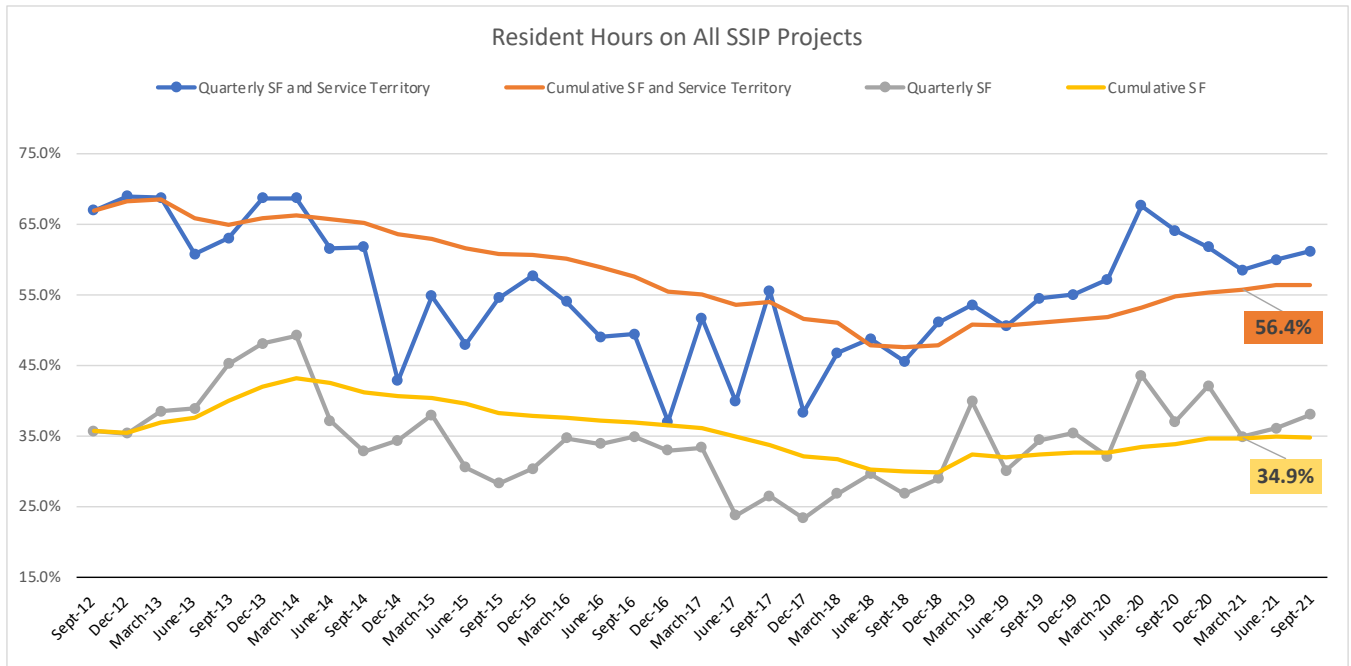


San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 First Quarter FY 2021-2022

Worker Residence Data

- Combined, San Francisco and SFPUC Regional Service Territory residents worked **56.4%** of all construction craft hours on SSIP to date.
- Of that total, San Francisco residents alone have worked **34.9%**.

Chart 3. Worker Residence Quarterly and Cumulative



San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 First Quarter FY 2021-2022

- San Francisco's 1,355 workers worked **34.9%** of all the construction hours, as reported in the City's online certified payroll reporting system, LCPtracker, Inc., and they have earned \$38.3 million in wages and benefits.

Table 5. Worker Residence by County

SSIP-PLA Employment by Top 20 Counties of Residence Inception Through September 30, 2021				
County	Total Craft Hours	Wages & Benefits	% Craft Hours	Worker Count (Not Unique)
San Francisco County	550,739	\$ 38,289,391	34.9%	1,355
Contra Costa County	241,020	\$ 18,340,563	15.3%	798
Alameda County	183,633	\$ 13,219,768	11.6%	807
San Mateo County	115,150	\$ 8,657,541	7.3%	400
Solano County	95,140	\$ 7,651,981	6.0%	344
San Joaquin County	70,746	\$ 5,395,799	4.5%	287
Santa Clara County	38,890	\$ 2,723,235	2.5%	242
Sacramento County	30,445	\$ 2,536,150	1.9%	146
Sonoma County	27,706	\$ 1,957,947	1.8%	84
Stanislaus County	22,977	\$ 1,828,587	1.5%	98
Merced County	19,460	\$ 1,733,905	1.2%	32
Tulare County	15,660	\$ 924,846	1.0%	9
Madera County	13,022	\$ 1,060,530	0.8%	17
Fresno County	12,225	\$ 847,992	0.8%	13
Riverside County	11,683	\$ 875,140	0.7%	37
Clark County	10,435	\$ 856,367	0.7%	21
Marin County	9,000	\$ 572,563	0.6%	27
Napa County	8,220	\$ 541,964	0.5%	37
Monterey County	7,205	\$ 703,433	0.5%	24
Lake County	7,180	\$ 858,583	0.5%	11
Top 20 Counties by Hrs.	1,490,534	\$ 109,576,288	94.3%	4,789
All Other CA Counties	59,844	\$ 5,184,959	3.8%	249
Out of State	29,369	\$ 2,551,338	1.9%	93
Grand Total	1,579,833	\$ 117,319,014	100.0%	5,052

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
First Quarter FY 2021-2022

The table below represents 30 San Francisco ZIP Codes as identified in LCPtracker, Inc., through the reporting period.

- San Francisco residents worked by 550,739 total hours on SSIP.
- Workers living in the Southeast sector of the city in ZIP Codes 94124 (Bayview Hunters Point) and 94134 (Visitacion Valley, Portola), have worked 181,280 hours.
- Apprentices living in 94124 have worked nearly a third (29.3%) of all San Francisco's 124,327 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	36,438	108,053	144,490	354
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	7,190	77,472	84,662	185
94110	Mission, Bernal Heights	13,453	44,914	58,367	151
94134	Visitacion Valley, Portola	6,632	30,158	36,790	100
94116	Sunset District, West Portal, Forest Hill	4,725	21,369	26,094	63
94132	Lake Merced, Merced Heights, San Francisco State	5,585	20,468	26,052	57
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	13,310	10,513	23,823	36
94122	Inner Sunset, Outer Sunset	6,905	14,739	21,644	63
94121	Outer Richmond	6,697	14,360	21,057	46
94102	Hayes Valley, Civic Center, Tenderloin	3,135	12,089	15,224	33
94103	SOMA	1,513	13,175	14,687	47
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA	3,507	9,562	13,068	26
94107	SOMA, Dog Patch, Protrero Hill	4,317	6,876	11,193	49
94118	Inner Richmond	1,054	10,002	11,055	24
94133	Chinatown, Telegraph Hill, North Beach, Fisherman's Wharf	866	7,546	8,411	17
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason	875	6,766	7,641	22
94130	Treasure Island	3,200	4,304	7,504	11
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park	552	4,281	4,833	24
94127	Balboa Terrace, St. Francis Wood, West Portal	1,362	2,244	3,605	16
94142	Tenderloin		1,937	1,937	2
94114	Castro, Noe Valley	1,187	603	1,790	7
94158	Mission Bay	48	1,550	1,598	3
94188	P.O Box	232	931	1,163	9
94105	SOMA, Embarcadero	675	439	1,113	5
94108	Chinatown, Union Square	350	629	979	8
94104	Financial District	350	456	806	3
94120	SOMA	176	291	467	3
94123	Marina, Cow Hollow		388	388	3
94119	P.O Box		156	156	1
94140	P.O Box		147	147	1
Grand Total		124,327	426,412	550,739	1,355

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
First Quarter FY 2021-2022

- Laborers living in San Francisco have worked more than half (**51.8%**) of San Francisco's 550,739 total hours.
- San Francisco apprentice Laborers have worked nearly half (**45.8%**) of the 124,327 hours worked by San Francisco apprentices.

Table 7. Worker Residence by Craft

All Hours - September 30, 2021								
	Laborer	Operating Engineer	Carpenter	Electrician	Painter	Plumber	All Others (23 Crafts)	SSIP All Hours Grand Total
Total Hours	714,178	282,689	140,207	134,015	54,929	42,239	211,577	1,579,833
Craft Total % of SSIP Total	45.2%	17.9%	8.9%	8.5%	3.5%	2.7%	13.4%	
SF Hours	285,254	88,227	45,350	49,779	10,152	15,634	56,343	550,739
SF Craft % of Total SF Hours	51.8%	16.0%	8.2%	9.0%	1.8%	2.8%	10.2%	
Regional Service Territory Hours	145,604	77,401	18,000	23,271	7,402	8,922	59,954	340,554
% Rgnl Serv Trt Hrs of Total Rgnl Srv Trt Hrs	42.8%	22.7%	5.3%	6.8%	2.2%	2.6%	17.6%	
Apprentice Hours September 30, 2021								
	Laborer	Carpenter	Electrician	Operating Engineer	Painter	Plumber	All Others (23 Crafts)	SSIP Apprentices Grand Total
Total Hours	72,481	29,478	25,552	18,021	12,203	9,971	33,882	201,588
Craft Total % of SSIP Total	36.0%	14.6%	12.7%	8.9%	6.1%	4.9%	16.8%	
SF Hours	56,916	11,534	19,403	14,583	3,611	5,896	12,385	124,327
SF Craft % of Total SF Hours	45.8%	9.3%	15.6%	11.7%	2.9%	4.7%	10.0%	
Regional Service Territory Hours	4,549	4,314	2,369	2,248	681	2,367	10932.5	27,459
% Rgnl Serv Trt Hrs of Total Rgnl Srv Trt Hrs	16.6%	15.7%	8.6%	8.2%	2.5%	8.6%	39.8%	

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
First Quarter FY 2021-2022

- The overall participation rate of San Francisco workers on SSIP projects is currently **34.9%**.
- WW-711 Wawona Area Stormwater Improvement and Vicente Water Main Replacement has the highest local worker participation to date on SSIP, with workers living in San Francisco having worked **98.5%** of the project's total hours.

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-711 - Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	12	797		809	1.5%	98.5%	0.0%
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	5,647	8,906	432	14,985	37.7%	59.4%	2.9%
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	1,398	3,357	1,740	6,494	21.5%	51.7%	26.8%
WW-702R - Jackson, Griffith, and Pierce Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	2,550	2,735	9	5,294	48.2%	51.7%	0.2%
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-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-696 - Cargo Way Flush Line	2,978	3,200	1,636	7,813	38.1%	40.9%	20.9%
WW-687 - Force Main Rehabilitation at Embarcadero and Jackson	5,319	5,645	3,103	14,067	37.8%	40.1%	22.1%
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-628.3-62 Southeast Plant New Headworks Facility Project - SELS Bypass Pumping	160,583	149,400	74,481	384,464	41.8%	38.9%	19.4%
WW-703 - Mission Street, 16th to Cesar Chavez, Brick Sewer Rehabilitation	4,905	4,279	1,967	11,152	44.0%	38.4%	17.6%
WW-627R - Baker Beach Green Streets	11,630	9,993	4,579	26,202	44.4%	38.1%	17.5%
WW-674R - Geary Boulevard Sewer and Water Improvements	9,699	15,264	15,281	40,243	24.1%	37.9%	38.0%
WW-667 Mariposa Dry-Weather Pump Station	16,626	11,073	2,633	30,332	54.8%	36.5%	8.7%
WW-682R.9 - Southeast Community Center at 1550 Evans - Fire Suppression	11,761	11,981	9,326	33,068	35.6%	36.2%	28.2%
WW-671(I) Fillmore and Haight Street Intersection, AWSS, Pavement, and Sewer Replacement	1,377	870	251	2,497	55.1%	34.8%	10.1%
WW-610R - Visitation 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-665 - Southeast Water Pollution Control Plant 042 Rehabilitation and Seismic Retrofit	13,921	9,545	5,012	28,479	48.9%	33.5%	17.6%
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-647R.S2.T-26.07 - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project - Construction Site Temp Power	155,200	132,305	115,863	403,368	38.5%	32.8%	28.7%
WW-639 - Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades	23,104	14,119	7,727	44,950	51.4%	31.4%	17.2%
WW-605R Mission and Valencia Streets Green Gateway	8,869	5,943	5,187	19,998	44.4%	29.7%	25.9%
WW-662R - Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	3,158	2,147	1,941	7,245	43.6%	29.6%	26.8%
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-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-659 - Greenhouse Demolition at 1150 Phelps Street	1,840	868	739	3,446	53.4%	25.2%	21.4%
WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades	53,465	17,590	5,370	76,424	70.0%	23.0%	7.0%
WW-651 - Griffith Pump Station Improvements	11,209	3,448	400	15,057	74.4%	22.9%	2.7%
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%
WW-645R - Westside Pump Station Reliability Improvements	2,349	331	1,434	4,114	57.1%	8.0%	34.9%
WW-685R - North Shore Pump Station Wet Weather Improvements	818	18		836	97.8%	2.2%	0.0%
Grand Total	688,541	550,739	340,554	1,579,833	43.6%	34.9%	21.6%

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
First Quarter FY 2021-2022

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, 12.8% of all craft hours in apprenticeable trades have been worked by apprentices.
- Tile Setters have utilized the most apprentices, with 65.4% of all hours being worked by apprentices.
- Apprentice Laborers have worked 10.1% of the Laborers’ 714,000 total hours.

Table 9. Apprentice Utilization by Craft

Craft	Apprentice Hours	Journey Hours	Total Hours	Apprentice Percentage of Craft Total (Apprentice /Total)
Tile Setter	836.5	442.5	1279	65.4%
Glazier	2654.5	2572	5226.5	50.8%
Elevator Constructor	281.5	332.5	614	45.8%
Metal Roofing Systems Installer	72	93	165	43.6%
Field Surveyor	6322	8848.5	15170.5	41.7%
Tile Finisher	325.5	591.5	917	35.5%
Drywall Installer/Lather	2389.5	6415	8804.5	27.1%
Iron Worker	9769.92	30377.17	40147.09	24.3%
Plumber	9971	32268.25	42239.25	23.6%
Painter	12202.5	42726	54928.5	22.2%
Carpenter	29478	110728.5	140206.5	21.0%
Electrician	25551.75	108463.4	134015.15	19.1%
Sheet Metal Worker	3403	15726.5	19129.5	17.8%
Cement Mason	4336.75	21888.75	26225.5	16.5%
Roofer	171	886.5	1057.5	16.2%
Pile Driver	2829.75	17261	20090.75	14.1%
Asbestos Worker	239	1717.5	1956.5	12.2%
Building/Construction Inspector	191.5	1637.5	1829	10.5%
Laborer	72481.38	641696.84	714178.22	10.1%
Electrical Utility Lineman	36	399	435	8.3%
Operating Engineer	18021.25	264667.25	282688.5	6.4%
Bricklayer	8	499.5	507.5	1.6%
Plasterer	16	8682.52	8698.52	0.2%
Boilermaker		5757	5757	0.0%
Sprinklerfitters		26	26	0.0%
Apprenticeable Subtotal	201,588	1,324,704	1,526,292	12.8%
Teamster		32168.11	32168.11	0.0%
Driver		16054.99	16054.99	0.0%
Tunnel Worker		5057	5057	0.0%
Diver		260.5	260.5	0.0%
Grand Total	201,588	1,378,245	1,579,833	12.8%

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
First Quarter FY 2021-2022

- Among projects 1,000 or more certified payroll hours reported, WW-682R Southeast Community Center at 1550 Evans SEP has the highest apprentice utilization ratio, with 29.9% of reported hours worked by apprentices.
- WW-628 Southeast Water Pollution Control Plant New Headworks Facilities project's apprentice utilization ratio is currently 14.0%, or approximately 54,000 out of 384,000 total project hours.
- WW-647R Southeast Water Pollution Control Plant Biosolids Digester Facilities Project, with over 400,000 total hours worked, has an apprentice utilization rate of 7.7%.

Table 10. Apprentice Utilization by Project

Project Name	Apprentice Hours	Journey Hours	Grand Total	Appr. Utilization %
WW-711 - Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	318	491	809	39.3%
WW-682R - Southeast Community Center at 1550 Evans	32,314	98,742	131,056	24.7%
WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades	16,810	59,615	76,424	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-702R - Jackson, Griffith, and Pierce Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	1,041	4,254	5,294	19.7%
WW-651 - Griffith Pump Station Improvements	2,757	12,300	15,057	18.3%
WW-627R - Baker Beach Green Streets	4,685	21,517	26,202	17.9%
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-674R - Geary Boulevard Sewer and Water Improvements	6,372	33,872	40,243	15.8%
WW-626 - Southeast Water Pollution Control Plant Primary and Secondary Clarifier Upgrades	11,358	63,667	75,025	15.1%
WW-657R - Drumm & Jackson Streets Sewer Improvements	2,190	12,753	14,943	14.7%
WW-696 - Cargo Way Flush Line	1,122	6,691	7,813	14.4%
WW-665 - Southeast Water Pollution Control Plant 042 Rehabilitation and Seismic Retrofit	4,087	24,392	28,479	14.3%
WW-628 - Southeast Water Pollution Control Plant New Headworks Facility	53,847	330,617	384,464	14.0%
WW-639 - Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades	6,283	38,668	44,950	14.0%
WW-683R - Sansome, 5th, 6th (North), and Division Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	2,053	12,932	14,985	13.7%
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-691 Sunset Boulevard Greenway -- Phase II Irving Street to Ulloa Street	873	5,621	6,494	13.4%
WW-667 Mariposa Dry-Weather Pump Station	3,760	26,572	30,332	12.4%
WW-647R - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	31,137	372,231	403,368	7.7%
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-703 - Mission Street, 16th to Cesar Chavez, Brick Sewer Rehabilitation	621	10,531	11,152	5.6%
WW-662R - Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	369	6,876	7,245	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-685R - North Shore Pump Station Wet Weather Improvements	10	826	836	1.2%
WW-687 - Force Main Rehabilitation at Embarcadero and Jackson	148	13,919	14,067	1.1%
WW-645R - Westside Pump Station Reliability Improvements	42	4,072	4,114	1.0%
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	14	4,009	4,023	0.3%
WW-671(i) Fillmore and Haight Street Intersection, AWSS, Pavement, and Sewer Replacement		2,497	2,497	0.0%
Grand Total	201,588	1,378,245	1,579,833	12.8%

San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 First Quarter FY 2021-2022

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.

- 2,158 pre-employment tests have been administered on SSIP, with a total non-negative screening rate of **1.90%**. This rate is below the national average for the construction industry which was 4.1% in 2020.
- During the quarter, 193 pre-employment substance abuse screenings were administered, and one (1) individual was prevented from working as the result of a non-negative test.

Table 11. Workers’ Pre-Employment Clearance Data

SSIP - Covered by PLA Substance Abuse Testing Summary	
Tests Administered to Individuals Cleared to Work Through 09/30/2021	
Project	Number Cleared
WW-647R - SEP Biosolids Digester Facilities Project	933
WW-682R - Southeast Community Center at 1550 Evans	630
WW-628 - SEP New Headworks Facility	255
WW-614R2 - North Point Outfall Rehabilitation	116
WW-645R - Westside Pump Station Reliability Improvements	43
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-711 - Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	14
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	11
WW-667 - Mariposa Dry Weather Pump Station	10
WW-639 - OSP Digester GasUtilization 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	2,117

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 of San Francisco and within the SFPUC Regional 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 authorizing 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; mitigates 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 the WD-2504 Stanford Heights Reservoir Seismic Retrofit and Improvement project, which the SFPUC awarded to S.J. Amoroso Construction Company, LLC., on June 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 the Extension Agreement, to Sewer System Improvement Program (SSIP) projects and the AWSS Pumping Station 2 project.

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 Workforce and Economic Program Services team, within the SFPUC's Infrastructure Division, administers the PLA under the advisement 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 PLA Pre-Job Conference. At the conference, the general contractor and subcontractors must present their scope of work and make union assignments of the work based on traditional craft jurisdictional lines. When conflicting claims for work are submitted to a contractor, the corresponding Jurisdictional Dispute Resolution procedures, as specified for the trades involved, is invoked so as to prevent delay or disruption of the work.

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



**SEWER
SYSTEM**
IMPROVEMENT PROGRAM
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Sewer System Improvement Program Project Labor Agreement Quarterly Report

**October 1, 2021, through December 31, 2021
(Second Quarter FY 2021-2022)**

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
Second Quarter FY 2021-2022

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	10
Chart 3. Worker Residence Quarterly and Cumulative	10
Table 5. Worker Residence by County	11
Table 6. SF Journey & 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
Second Quarter FY 2021-2022

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

San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 Second Quarter FY 2021-2022

Executive Summary

Contracting and Employment Highlights – Program to Date:

- Forty (40) construction contracts, with a combined value of \$1.674 billion, have been awarded.
- 1,734,785 total craft hours have been worked by 5,066 workers who earned \$129.3 million in wages and benefits.
- 1,356 San Francisco residents worked 605,845 hours (34.9%) and earned over \$42.2 million in wages and benefits, exceeding the City’s Local Hiring requirement (20% to 30% on SSIP projects).
- 1,409 residents of the SFPUC’s Regional Service Territory worked 369,419 hours (21.3%) and earned over \$27.4 million in wages and benefits.

Table 1. Worker Highlights – Total Program

Region of Worker Residence	Inception Through Dec 31, 2021		
	Hours	Wages & Benefits	Worker Count
Outside	759,521	\$ 59,577,624	2,374
San Francisco	605,845	\$ 42,244,876	1,356
Service Territory	369,419	\$ 27,490,775	1,409
Grand Total	1,734,785	\$ 129,313,276	5,066

San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 Second Quarter FY 2021-2022

Contracting and Employment Highlights – During the Quarter:

- No new SSIP contracts were awarded during the quarter.
- 745 construction workers worked 188,019 hours and earned more than \$14.7 million in wages and benefits.
- 246 San Francisco residents worked 67,087 hours and earned \$4.8 million in wages and benefits.
- 182 SFPUC Service Territory residents worked 38,191 hours and earned more than \$2.9 million in wages and benefits.

Table 2. Summary of Craft Worker Employment During the Quarter

Region of Worker Residence	Three Months Ending December 30, 2021		
	Hours	Wages & Benefits	Worker Count
Outside	82,741	\$ 6,967,320	317
San Francisco	67,087	\$ 4,838,945	246
Service Territory	38,191	\$ 2,939,862	182
Grand Total	188,019	\$ 14,746,127	745

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Second Quarter FY 2021-2022

Table 3. List of SSIP Construction Contracts

Contract Number	Project	Award Date	Prime Contractor	Original Contract Award
WW-712	New Montgomery, Jessie, Minna, and Mission Street Brick Sewer Rehabilitation	5/11/21	D'Arcy & Harty Construction, Inc.	\$ 4,888,750
WW-711	Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	4/13/21	KJ Woods Construction Inc	\$ 29,132,100
WW-645R	Westside Pump Station Reliability Improvements	2/23/21	Anvil Builders, Inc	\$ 48,328,300
WW-685R	North Shore Pump Station, Wet Weather Improvements	1/26/21	Western Water Constructors	\$ 26,010,000
WW-703	Mission Street, 16th to Cesar Chavez, Brick Sewer Rehabilitation	8/25/20	Cratus, Inc.	\$ 6,337,350
WW-662R	Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	7/28/20	Blocka Construction, Inc	\$ 30,744,200
WW-702R	Jackson, Griffith, and Pierce Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	7/14/20	Trinet Construction, Inc	\$ 3,886,300
WW-694	Lincoln Way/48th Ave Diversion Structure Modification	4/14/20	Marinship Development Interest, LLC	\$ 967,980
WW-696	Cargo Way Flush Line	2/25/20	JMB Construction, Inc.	\$ 4,486,280
WW-687	Force Main Improvements at Embarcadero and Jackson	1/14/20	Anvil Builders Inc.	\$ 5,986,222
WW-691	Sunset Boulevard Greenway -- Phase II Irving Street	7/23/19	Minerca Construction, Inc	\$ 2,572,351
WW-665	SEP 042 Rehabilitation And Seismic Retrofit	6/25/19	Western Water Constructors, Inc.	\$ 9,079,210
WW-683R	Sansome and Division Streets Combined Sewer Discharge Rehab	5/14/19	Trinet Construction Inc	\$ 4,907,090
WW-682R	Southeast Community Center at 1550 Evans	1/22/19	Charles Pankow Builders, Inc.	\$ 71,181,251
WW-627R	Baker Beach Green Streets	9/25/18	Minerva Construction	\$ 7,122,000
WW-667	Mariposa Dry-Weather Pump Station	9/11/18	Western Water Constructors, Inc.	\$ 17,031,000
WW-639	OSP Digester Gas Utilization Upgrades	8/28/18	Monterey Mechanical	\$ 38,449,000
WW-674R	Geary Boulevard Sewer and Water Improvements	8/28/18	JMB Construction, Inc.	\$ 16,246,547
WW-659	Greenhouse Demolition at 1150 Phelps Street/1800 Oakdale Avenue	2/27/18	Azul Works, Inc.	\$ 1,638,000
WW-657R	Drumm & Jackson Streets Sewer Improvements	1/9/18	Anvil Builders Inc.	\$ 5,240,900
WW-658	As-Needed Sewer Cleaning and Inspection of Large Sewers	8/8/17	Pipe and Plant Solutions	\$ 2,694,000
WW-651	Griffith Pump Station Improvements	7/11/17	Western Water Constructors, Inc.	\$ 10,941,000
WW-599R	SEP Cryogenic Oxygen Plant	6/13/17	Cal State Constructors	\$ 6,547,000
WW-647R	SEP Biosolids Digester Facilities	5/9/17	MWH Constructors/Webcor Builders JV	\$ 932,715,777
WW-610R	Visitacion Valley Green Nodes	2/28/17	Minerva Construction	\$ 3,483,944
WW-653	Marin Street Sewer Replacement	2/28/17	Ranger Pipelines, Inc.	\$ 4,860,250
WW-614R2	North Point Outfall Rehabilitation	1/10/17	The Dutra Group	\$ 12,485,980
WW-632	SEP Existing Digester Gas Handling Improvements	1/10/17	Monterey Mechanical Company	\$ 9,536,000
DB-126	WWE Distributed Control System Upgrades	12/13/16	Emerson Process Management	\$ 20,425,000
WW-606R2	OSP Door and Building 930 Exterior Awning Improvements	12/13/16	Trinet Construction, Inc.	\$ 4,049,000
WW-628	SEP New Headworks Facility	5/24/16	Sundt/Walsh JV	\$ 224,652,224
WW-570	OSP and Westside Pump Station HVAC Upgrades	5/10/16	Blocka Construction, Inc.	\$ 6,138,000
WW-613	SEP Building 521/522 and Disinfection Upgrades	1/26/16	Western Water Constructors, Inc.	\$ 25,750,000
WW-626	SEP Primary and Secondary Clarifier Upgrades	1/12/16	Monterey Mechanical Company	\$ 23,588,000
WW-605R	Mission and Valencia Streets Green Gateway	11/10/15	Anvil Builders	\$ 2,949,013
WW-609R	Holloway Green Street Stormwater Improvements	9/22/15	M Squared Construction, Inc.	\$ 5,591,892
WW-572R	Westside Pump Station Discharge Pipe Manifold Upgrade	6/24/14	Cal State Constructors	\$ 4,145,047
WW-556	SEP Chemical System Relocation and Facility Upgrades	1/28/14	NTK Construction, Inc.	\$ 14,025,000
WW-541	SEP Oxygen Generation Plant Replacement	12/11/12	NTK Construction, Inc.	\$ 9,476,360
WW-483RR	N. Shore to Channel Force Main Improvements	4/24/12	K.J. Woods Construction, Inc.	\$ 15,488,000
40 Projects				\$ 1,673,776,318

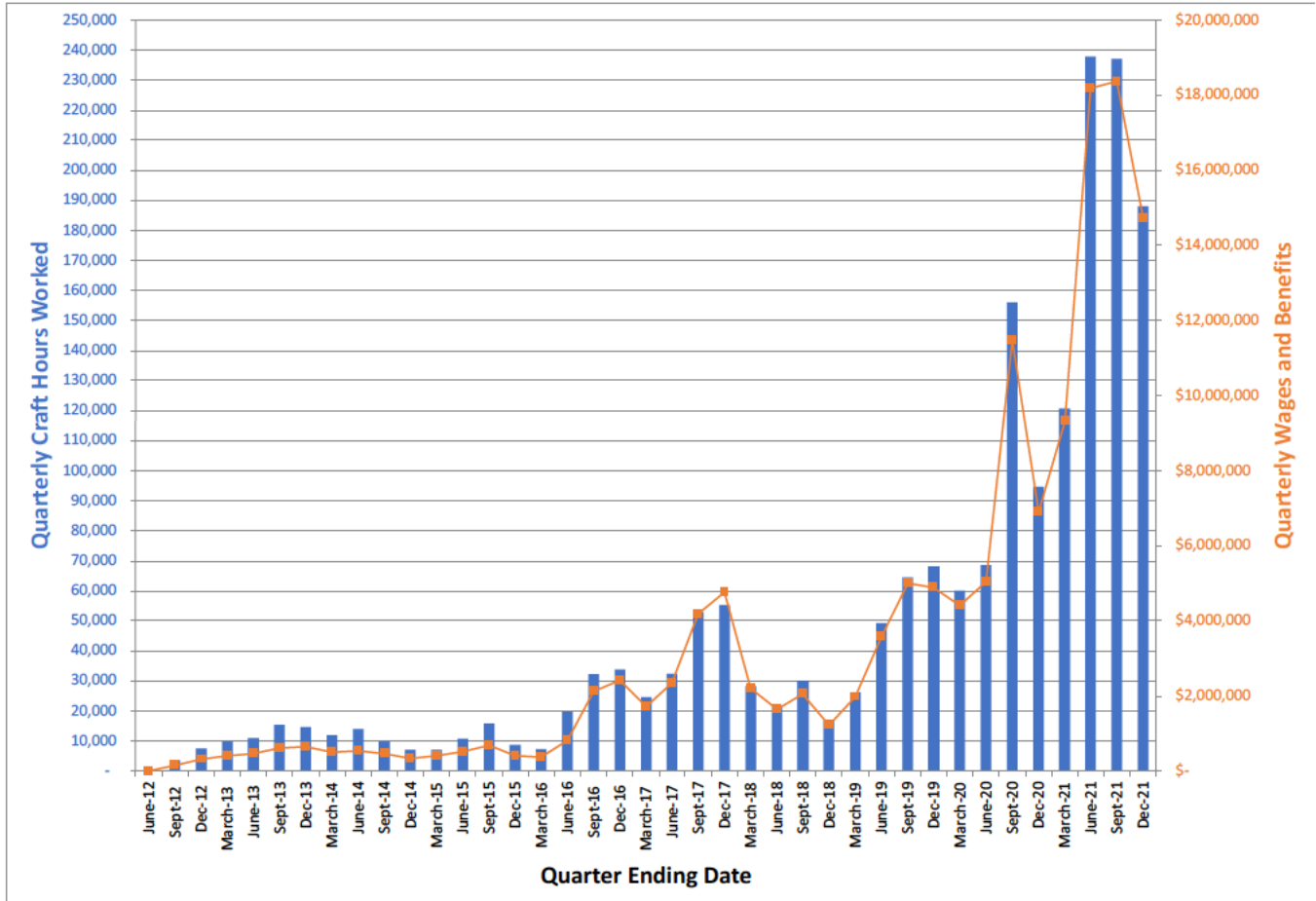
San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 Second Quarter FY 2021-2022

Summary Tables and Charts

Craft Data

- During the quarter, construction workers worked 188,019 hours and earned more than \$14.7 million in wages and benefits.

Chart 1. Craft Hours and Wages



San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Second Quarter FY 2021-2022

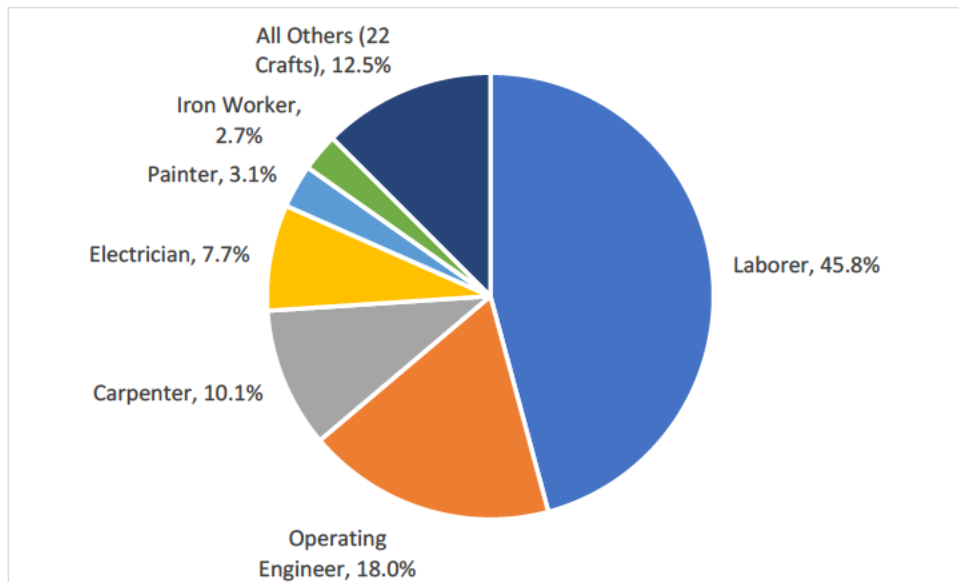
- 1,734,785 total craft hours have been worked by 5,066 workers who earned \$129.3 in wages and benefits.
- Laborers, Operating Engineers, Carpenters, Electricians, Painters, and Iron Workers worked 87.5% of all hours, with over 1.5 million combined hours worked.

Table 4. Craft Utilization Table

Cumulative Employment by Craft				
Inception Through Dec 31, 2021				
Craft	Total Hours	Total Wages	% Craft Hours of Total Hours	% Wages of Total Wages
Laborer	794,991	\$ 47,450,256	45.8%	36.7%
Operating Engineer	312,243	\$ 27,363,624	18.0%	21.2%
Carpenter	175,707	\$ 14,651,572	10.1%	11.3%
Electrician	133,073	\$ 13,206,907	7.7%	10.2%
Painter	54,590	\$ 3,846,970	3.1%	3.0%
Iron Worker	47,513	\$ 3,302,338	2.7%	2.6%
Top 6 Crafts Sub-Total	1,518,116	\$ 109,821,667	87.5%	84.9%
Plumber	44,660	\$ 5,112,854	2.6%	4.0%
Cement Mason	29,078	\$ 1,956,616	1.7%	1.5%
Sheet Metal Worker	20,923	\$ 2,312,801	1.2%	1.8%
Pile Driver	20,091	\$ 2,124,534	1.2%	1.6%
Field Surveyor	18,147	\$ 1,273,712	1.0%	1.0%
Plasterer	10,633	\$ 817,535	0.6%	0.6%
Boilermaker	7,899	\$ 712,399	0.5%	0.6%
Asbestos Worker	2,462	\$ 132,365	0.1%	0.1%
Building/Construction Inspector	2,026	\$ 168,935	0.1%	0.1%
Roofer	1,506	\$ 98,672	0.1%	0.1%
Drywall Installer/Lather	1,111	\$ 74,981	0.1%	0.1%
Glazier	870	\$ 52,718	0.1%	0.0%
Electrical Utility Lineman	435	\$ 41,515	0.0%	0.0%
Bricklayer	420	\$ 22,952	0.0%	0.0%
Metal Roofing Systems Installer	165	\$ 10,469	0.0%	0.0%
Sprinklerfitters	80	\$ 9,513	0.0%	0.0%
Tile Finisher	32	\$ 1,596	0.0%	0.0%
Tile Setter	28	\$ 2,003	0.0%	0.0%
Remaining Apprenticeable Sub-Total	160,563	\$ 14,926,169	9.3%	11.5%
Teamster	33,344	\$ 2,664,107	1.9%	2.1%
Driver	17,444	\$ 1,465,094	1.0%	1.1%
Tunnel Worker	5,057	\$ 308,584	0.3%	0.2%
Diver	261	\$ 127,655	0.0%	0.1%
Total Non-Apprenticeable	56,106	\$ 4,565,439	3.2%	3.5%
Grand Total	1,734,785	\$ 129,313,276	100.0%	100.0%

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Second Quarter FY 2021-2022

Chart 2. Craft Utilization Pie Chart

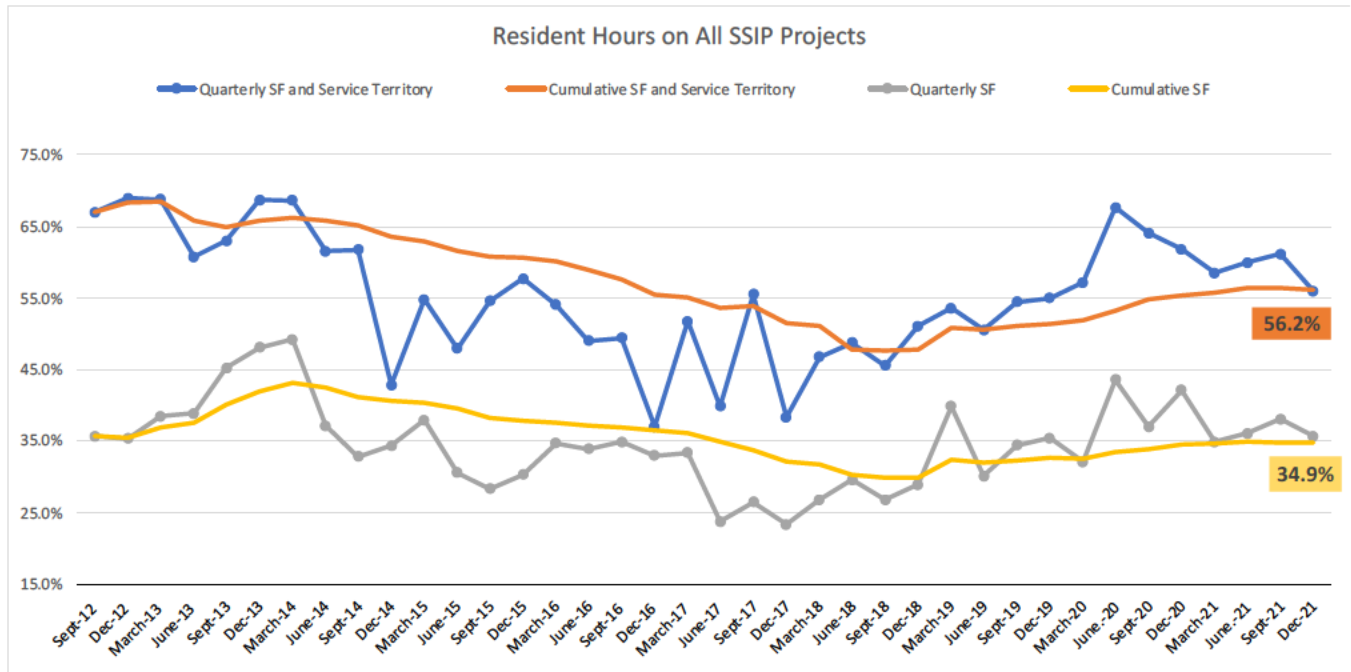


San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 Second Quarter FY 2021-2022

Worker Residence Data

- Combined, San Francisco and SFPUC Regional Service Territory residents worked **56.2%** of all construction craft hours on SSIP to date.
- Of that total, San Francisco residents alone have worked **34.9%**.

Chart 3. Worker Residence Quarterly and Cumulative



San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Second Quarter FY 2021-2022

- San Francisco’s 1,356 workers worked 34.9% of all the construction hours, as reported in the City’s online certified payroll reporting system, LCPtracker, Inc., and they have earned \$42.2 million in wages and benefits.

Table 5. Worker Residence by County

SSIP-PLA Employment by Top 20 Counties of Residence Inception Through December 31, 2021				
County	Total Craft Hours	Wages & Benefits	% Craft Hours	Worker Count (Not Unique)
San Francisco County	605,861	\$ 42,245,539	34.9%	1,356
Contra Costa County	258,019	\$ 19,660,140	14.9%	792
Alameda County	203,951	\$ 14,643,296	11.8%	807
San Mateo County	125,642	\$ 9,458,187	7.2%	409
Solano County	102,990	\$ 8,372,391	5.9%	347
San Joaquin County	73,505	\$ 5,548,279	4.2%	279
Santa Clara County	45,379	\$ 3,213,171	2.6%	242
Sacramento County	33,440	\$ 2,802,187	1.9%	150
Sonoma County	31,313	\$ 2,226,462	1.8%	91
Stanislaus County	24,572	\$ 1,941,674	1.4%	102
Merced County	21,809	\$ 1,976,453	1.3%	32
Tulare County	14,823	\$ 872,805	0.9%	7
Madera County	14,557	\$ 1,186,223	0.8%	17
Fresno County	12,262	\$ 850,843	0.7%	14
Riverside County	11,659	\$ 869,099	0.7%	36
Marin County	9,763	\$ 630,510	0.6%	26
Lake County	9,030	\$ 1,088,147	0.5%	11
Napa County	8,114	\$ 534,825	0.5%	35
Los Angeles County	7,354	\$ 561,031	0.4%	29
Monterey County	7,294	\$ 714,043	0.4%	25
Top 20 CA Counties by Hrs.	1,621,336	\$ 119,395,305	93.5%	4,807
All Other CA Counties	63,268	\$ 5,532,597	3.6%	142
Out of State	50,171	\$ 4,384,628	2.9%	121
Grand Total	1,734,785	\$ 129,313,276	100.0%	5,066

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Second Quarter FY 2021-2022

The table below represents 30 San Francisco ZIP Codes as identified in LCPTracker, Inc., through the reporting period.

- San Francisco residents worked by 605,845 total hours on SSIP.
- Workers living in the Southeast sector of the city in ZIP Codes 94124 (Bayview Hunters Point) and 94134 (Visitacion Valley, Portola), have worked 203,214 hours.
- Apprentices living in 94124 have worked nearly a third (28.5%) of all San Francisco's 127,524 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	36,340	124,127	160,467	348
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	7,524	82,152	89,676	179
94110	Mission, Bernal Heights	13,024	51,054	64,077	156
94134	Visitacion Valley, Portola	7,981	34,766	42,747	105
94132	Lake Merced, Merced Heights, San Francisco State	5,457	24,439	29,896	58
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	13,990	13,002	26,992	39
94116	Sunset District, West Portal, Forest Hill	5,479	21,357	26,836	61
94122	Inner Sunset, Outer Sunset	7,895	16,054	23,949	65
94121	Outer Richmond	6,740	14,399	21,139	44
94103	SOMA	1,377	15,505	16,882	44
94102	Hayes Valley, Civic Center, Tenderloin	3,135	13,657	16,792	33
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA	3,507	10,485	13,991	25
94118	Inner Richmond	1,054	11,108	12,162	25
94107	SOMA, Dog Patch, Protrero Hill	4,337	7,605	11,942	49
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason	533	8,933	9,465	23
94133	Chinatown, Telegraph Hill, North Beach, Fisherman's Wharf	866	7,545	8,410	16
94130	Treasure Island	3,204	4,696	7,899	11
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park	545	5,401	5,946	28
94114	Castro, Noe Valley	1,219	3,180	4,399	11
94127	Balboa Terrace, St. Francis Wood, West Portal	1,288	1,505	2,792	13
94142	Tenderloin		1,937	1,937	2
94158	Mission Bay	48	1,679	1,727	3
94108	Chinatown, Union Square	350	835	1,185	7
94105	SOMA, Embarcadero	675	500	1,174	5
94188	P.O Box	232	931	1,163	9
94104	Financial District	554	456	1,010	3
94120	SOMA	176	291	467	3
94123	Marina, Cow Hollow		424	424	3
94119	P.O Box		156	156	1
94140	P.O Box		147	147	1
Grand Total		127,524	478,320	605,845	1,356

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Second Quarter FY 2021-2022

- Laborers living in San Francisco have worked more than half (**52.7%**) of San Francisco’s 605,845 total hours.
- San Francisco apprentice Laborers have worked nearly half (**47.1%**) of the 127,524 hours worked by San Francisco apprentices.

Table 7. Worker Residence by Craft

All Workers - December 31, 2021								
All Workers	Laborer	Operating Engineer	Carpenter	Electrician	Painter	Iron Worker	All Others (28 Crafts)	SSIP All Hours Grand Total
Total Hours	794,991	312,243	175,707	133,073	54,590	47,513	216,669	1,734,785
Craft Total % of SSIP Total	45.8%	18.0%	10.1%	7.7%	3.1%	2.7%	12.5%	
SF Hours	319,397	96,890	58,611	48,523	9,962	10,993	61,470	605,845
SF Craft % of Total SF Hours	52.7%	16.0%	9.7%	8.0%	1.6%	1.8%	10.1%	
Regional Service Territory Hours	163,295	82,825	21,978	22,521	6,697	15,137	56,967	369,419
% Rgnl Serv Trt Hrs of Total Rgnl Srv Trt Hrs	44.2%	22.4%	5.9%	6.1%	1.8%	4.1%	15.4%	
Apprentice Workers - December 31, 2021								
Apprentice Workers	Laborer	Carpenter	Electrician	Operating Engineer	Painter	Iron Worker	All Others (23 Crafts)	SSIP Apprentices Grand Total
Total Hours	76,668	32,221	23,667	19,771	12,429	10,630	33,882	207,248
Craft Total % of SSIP Total	37.0%	15.5%	11.4%	9.5%	6.0%	5.1%	16.3%	
SF Hours	60,114	13,109	17,369	16,333	3,680	3,847	13,072	127,524
SF Craft % of Total SF Hours	47.1%	10.3%	13.6%	12.8%	2.9%	3.0%	10.3%	
Regional Service Territory Hours	4,562	4,599	2,394	2,248	681	1,317	12,796	28,596
% Rgnl Serv Trt Hrs of Total Rgnl Srv Trt Hrs	16.0%	16.1%	8.4%	7.9%	2.4%	4.6%	44.7%	

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Second Quarter FY 2021-2022

- The overall participation rate of San Francisco workers on SSIP projects is currently **34.9%**.
- WW-711 Wawona Area Stormwater Improvement and Vicente Water Main Replacement has the highest local worker participation to date on SSIP, with workers living in San Francisco having worked **98.6%** of the project's total hours.

Table 8. Worker Residence by Project

Sorted by percentage of San Francisco hours as a percentage of the project's total hours.

Project	Hours				% of Total Project Hours		
	Outside	San Francisco	Service Territory	Grand Total	Outside	San Francisco	Service Territory
WW-711 Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	32	8,841	94	8,967	0.4%	98.6%	1.0%
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	5,647	8,906	432	14,985	37.7%	59.4%	2.9%
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	1,398	3,357	1,740	6,494	21.5%	51.7%	26.8%
WW-702R Jackson, Griffith, and Pierce Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	4,228	4,344	48	8,620	49.1%	50.4%	0.6%
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-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-703 Mission Street, 16th to Cesar Chavez, Brick Sewer Rehabilitation	5,192	5,665	2,278	13,135	39.5%	43.1%	17.3%
WW-696 Cargo Way Flush Line	3,510	4,048	2,272	9,829	35.7%	41.2%	23.1%
WW-712 New Montgomery, Jessie, Minna, and Mission Streets Brick Sewer Rehabilitation	188	129		317	59.3%	40.7%	0.0%
WW-687 Force Main Rehabilitation at Embarcadero and Jackson	5,670	5,929	3,275	14,874	38.1%	39.9%	22.0%
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-627R Baker Beach Green Streets	11,630	9,993	4,579	26,202	44.4%	38.1%	17.5%
WW-674R Geary Boulevard Sewer and Water Improvements	9,699	15,264	15,281	40,243	24.1%	37.9%	38.0%
WW-628 Southeast Water Pollution Control Plant New Headworks Facility	196,867	173,935	88,992	459,794	42.8%	37.8%	19.4%
WW-667 Mariposa Dry-Weather Pump Station	17,366	11,380	3,085	31,831	54.6%	35.8%	9.7%
WW-671(I) Fillmore and Haight Street Intersection, AWSS, Pavement, and Sewer Replacement	1,377	870	251	2,497	55.1%	34.8%	10.1%
WW-610R Visitation 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-665 Southeast Water Pollution Control Plant 042 Rehabilitation and Seismic Retrofit	14,057	9,643	5,012	28,713	49.0%	33.6%	17.5%
WW-647R Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	181,418	154,732	130,690	466,839	38.9%	33.1%	28.0%
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-639 Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades	28,011	16,909	8,682	53,602	52.3%	31.5%	16.2%
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-685R North Shore Pump Station Wet Weather Improvements	2,273	1,162	714	4,149	54.8%	28.0%	17.2%
WW-662R Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	5,185	3,035	2,885	11,105	46.7%	27.3%	26.0%
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-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-659 Greenhouse Demolition at 1150 Phelps Street	1,840	868	739	3,446	53.4%	25.2%	21.4%
WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades	53,465	17,590	5,370	76,424	70.0%	23.0%	7.0%
WW-651 Griffith Pump Station Improvements	11,209	3,448	400	15,057	74.4%	22.9%	2.7%
WW-658 As-Needed Sewer Cleaning and Inspection of Large Sewers	2,287	835	901	4,023	56.9%	20.8%	22.4%
WW-645R Westside Pump Station Reliability Improvements	10,266	2,931	5,971	19,168	53.6%	15.3%	31.2%
WW-614R2 North Point Outfall Rehabilitation	24,551	2,971	8,398	35,920	68.3%	8.3%	23.4%
Grand Total	759,521	605,845	369,419	1,734,785	43.8%	34.9%	21.3%

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Second Quarter FY 2021-2022

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, 12.3% of all craft hours in apprenticeable trades have been worked by apprentices.
- Glaziers have utilized the most apprentices, with 79.4% of all hours being worked by apprentices.
- Apprentice Laborers have worked 9.6% of the Laborers’ 795,000 total 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%
Field Surveyor	7,864	10,284	18,147	43.3%
Tile Finisher	8	24	32	25.0%
Plumber	10,518	34,142	44,660	23.6%
Painter	12,429	42,162	54,590	22.8%
Iron Worker	10,630	36,882	47,513	22.4%
Tile Setter	6	22	28	21.8%
Carpenter	32,221	143,486	175,707	18.3%
Electrician	23,667	109,405	133,073	17.8%
Cement Mason	5,159	23,919	29,078	17.7%
Sheet Metal Worker	3,569	17,354	20,923	17.1%
Asbestos Worker	357	2,105	2,462	14.5%
Pile Driver	2,830	17,261	20,091	14.1%
Roofer	182	1,325	1,506	12.1%
Building/Construction Inspector	228	1,799	2,026	11.2%
Drywall Installer/Lather	108	1,003	1,111	9.7%
Laborer	76,668	718,323	794,991	9.6%
Electrical Utility Lineman	36	399	435	8.3%
Operating Engineer	19,771	292,472	312,243	6.3%
Boilermaker	212	7,687	7,899	2.7%
Bricklayer	8	412	420	1.9%
Plasterer	16	10,617	10,633	0.2%
Sprinklerfitters		80	80	0.0%
Apprenticeable Subtotal	207,248	1,471,431	1,678,679	12.3%
Teamster		33,344	33,344	0.0%
Driver		17,444	17,444	0.0%
Tunnel Worker		5,057	5,057	0.0%
Diver		261	261	0.0%
Grand Total	207,248	1,527,537	1,734,785	11.9%

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Second Quarter FY 2021-2022

- Among projects with over 1000 worked hours reported, WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades has the highest apprentice utilization ratio, with 22.0% of all hours worked by apprentices.
- WW-628 Southeast Water Pollution Control Plant New Headworks Facility's apprentice utilization ratio is currently 13.1.0%, or approximately 60,400 out of 460,000 total project hours.
- WW-647R Southeast Water Pollution Control Plant Biosolids Digester Facilities Project, with nearly 467,000 total hours worked, has an apprentice utilization rate of 7.7%.

Table 10. Apprentice Utilization by Project

Project Name	Apprentice Hours	Journey Hours	Grand Total	Appr. Utilization %
WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades	16,810	59,615	76,424	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	12,300	15,057	18.3%
WW-702R - Jackson, Griffith, and Pierce Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	1,565	7,054	8,620	18.2%
WW-627R - Baker Beach Green Streets	4,685	21,517	26,202	17.9%
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-674R - Geary Boulevard Sewer and Water Improvements	6,372	33,872	40,243	15.8%
WW-626 Southeast Water Pollution Control Plant Primary and Secondary Clarifier Upgrades	11,358	63,667	75,025	15.1%
WW-657R - Drumm & Jackson Streets Sewer Improvements	2,190	12,753	14,943	14.7%
WW-696 - Cargo Way Flush Line	1,416	8,413	9,829	14.4%
WW-665 - Southeast Water Pollution Control Plant 042 Rehabilitation and Seismic Retrofit	4,091	24,622	28,713	14.2%
WW-639 - Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades	7,622	45,981	53,602	14.2%
WW-683R - Sansome, 5th, 6th (North), and Division Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	2,053	12,932	14,985	13.7%
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-691 Sunset Boulevard Greenway -- Phase II Irving Street to Ulloa Street	873	5,621	6,494	13.4%
WW-628 - Southeast Water Pollution Control Plant New Headworks Facility	60,447	399,347	459,794	13.1%
WW-667 Mariposa Dry-Weather Pump Station	3,783	28,048	31,831	11.9%
WW-711 - Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	962	8,005	8,967	10.7%
WW-647R - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	36,024	430,815	466,839	7.7%
WW-614R2 - North Point Outfall Rehabilitation	2,750	33,170	35,920	7.7%
WW-685R - North Shore Pump Station Wet Weather Improvements	281	3,868	4,149	6.8%
WW-610R - Visitation Valley Green Nodes, Rutland Street Sewer, and Sunnysdale 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-703 - Mission Street, 16th to Cesar Chavez, Brick Sewer Rehabilitation	748	12,388	13,135	5.7%
WW-659 - Greenhouse Demolition at 1150 Phelps Street	147	3,299	3,446	4.3%
WW-662R - Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	455	10,650	11,105	4.1%
WW-645R - Westside Pump Station Reliability Improvements	747	18,421	19,168	3.9%
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-687 - Force Main Rehabilitation at Embarcadero and Jackson	192	14,682	14,874	1.3%
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	14	4,009	4,023	0.3%
WW-671(I) Fillmore and Haight Street Intersection, AWSS, Pavement, and Sewer Replacement		2,497	2,497	0.0%
WW-712 - New Montgomery, Jessie, Minna, and Mission Streets Brick Sewer Rehabilitation		317	317	0.0%
Grand Total	207,248	1,527,537	1,734,785	11.9%

San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 Second Quarter FY 2021-2022

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.

- 2,323 pre-employment tests have been administered on SSIP, with a total non-negative screening rate of 1.85%. 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, 165 pre-employment substance abuse screenings were administered, and two (2) individuals were prevented from working as the result of a non-negative test.

Table 11. Workers' Pre-Employment Clearance Data

SSIP - Covered by PLA Substance Abuse Testing Summary	
Tests Administered to Individuals Cleared to Work Through 12/31/2021	
Project	Number Cleared
WW-647R - SEP Biosolids Digester Facilities Project	986
WW-682R - Southeast Community Center at 1550 Evans	706
WW-628 - SEP New Headworks Facility	272
WW-614R2 - North Point Outfall Rehabilitation	116
WW-645R - Westside Pump Station Reliability Improvements	51
WW-627R - Baker Beach Green Streets	27
WW-711 - Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	23
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	2,280

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 of San Francisco and within the SFPUC Regional 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 authorizing 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; mitigates 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 the WD-2504 Stanford Heights Reservoir Seismic Retrofit and Improvement project, which the SFPUC awarded to S.J. Amoroso Construction Company, LLC., on June 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 the Extension Agreement, to Sewer System Improvement Program (SSIP) projects and the AWSS Pumping Station 2 project.

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 Workforce and Economic Program Services team, within the SFPUC's Infrastructure Division, administers the PLA under the advisement 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 PLA Pre-Job Conference. At the conference, the general contractor and subcontractors must present their scope of work and make union assignments of the work based on traditional craft jurisdictional lines. When conflicting claims for work are submitted to a contractor, the corresponding Jurisdictional Dispute Resolution procedures, as specified for the trades involved, is invoked so as to prevent delay or disruption of the work.

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



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

Sewer System Improvement Program Project Labor Agreement Quarterly Report

**January 1, 2022, through March 31, 2022
(Third Quarter FY 2021-2022)**

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

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San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Third Quarter FY 2021-2022

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	10
Chart 3. Worker Residence Quarterly and Cumulative	10
Table 5. Worker Residence by County	11
Table 6. SF Journey & 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
Third Quarter FY 2021-2022

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:

- Forty-one (41) construction contracts, with a combined value of \$1.680 billion, have been awarded.
- 1,879,816 total craft hours have been worked by 5,402 workers who earned \$140.9 million in wages and benefits.
- 1,442 San Francisco residents worked 657,291 hours (35.0%) and earned over \$45.9 million in wages and benefits, exceeding the City’s Local Hiring requirement (20% to 30% on SSIP projects).
- 1,512 residents of the SFPUC’s Regional Service Territory worked 400,002 hours (21.3%) and earned over \$29.8 million in wages and benefits.

Table 1. Worker Highlights – Total Program

Region of Worker Residence	Inception Through March 31, 2022		
	Hours	Wages & Benefits	Worker Count
Outside	822,524	\$ 65,102,125	2,531
San Francisco	657,291	\$ 45,886,777	1,442
Service Territory	400,002	\$ 29,880,624	1,512
Grand Total	1,879,816	\$ 140,869,527	5,402

San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 Third Quarter FY 2021-2022

Contracting and Employment Highlights – During the Quarter:

- One new SSIP contract was awarded during the quarter.
 - WW-648 Oceanside Water Pollution Control Plant Building 042 Primary Clarifier Improvements was awarded to Cal State Constructors for \$6,490,014 on February 8, 2022.

- 928 construction workers worked 145,032 hours and earned \$11.6 million in wages and benefits.

- 276 San Francisco residents worked 51,446 hours and earned \$3.6 million in wages and benefits.

- 236 SFPUC Service Territory residents worked 30,583 hours and earned \$2.4 million in wages and benefits.

Table 2. Summary of Craft Worker Employment During the Quarter

Region of Worker Residence	Three Months Ending March 31, 2022		
	Hours	Wages & Benefits	Worker Count
Outside	63,002	\$ 5,524,501	416
San Francisco	51,446	\$ 3,641,901	276
Service Territory	30,583	\$ 2,389,849	236
Grand Total	145,032	\$ 11,556,251	928

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Third Quarter FY 2021-2022

Table 3. List of SSIP Construction Contracts

SSIP Construction Contracts				
Inception through March 31, 2022				
Contract Number	Project	Award Date	Prime Contractor	Original Contract Award
WW-648	Oceanside Water Pollution Control Plant Building 042 Primary Clarifier Improvements	2/8/2022	Cal State Constructors	\$ 6,490,014
WW-712	New Montgomery, Jessie, Minna, and Mission Street Brick Sewer Rehabilitation	5/11/2021	D'Arcy & Harty Construction, Inc.	\$ 4,888,750
WW-711	Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	4/13/2021	KJ Woods Construction Inc	\$ 29,132,100
WW-645R	Westside Pump Station Reliability Improvements	2/23/2021	Anvil Builders, Inc	\$ 48,328,300
WW-685R	North Shore Pump Station, Wet Weather Improvements	1/26/2021	Western Water Constructors	\$ 26,010,000
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	Partnership Development Interest, LL	\$ 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	WH Constructors/Webcor Builders	\$ 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
41 Projects				\$ 1,680,266,332

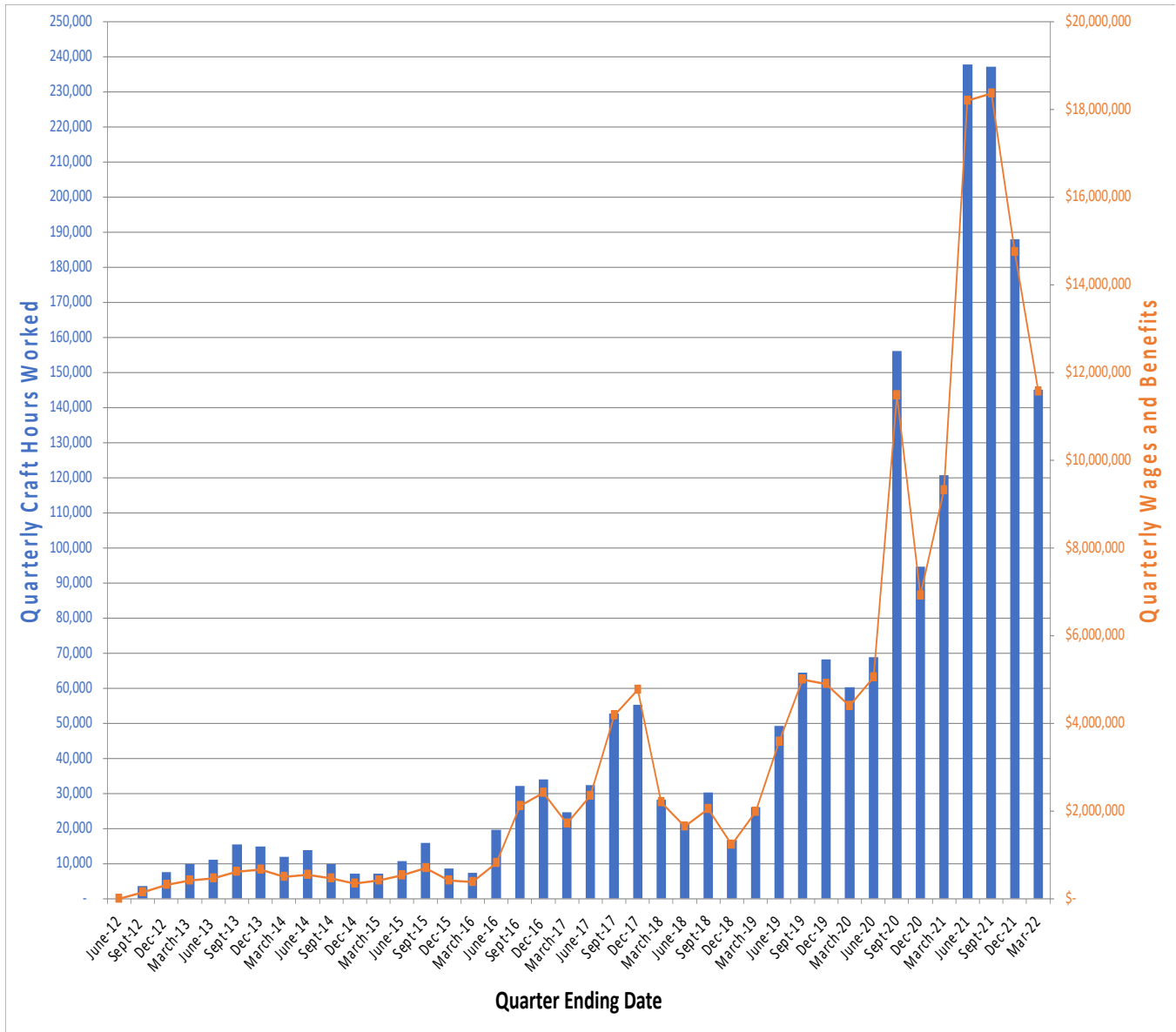
San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 Third Quarter FY 2021-2022

Summary Tables and Charts

Craft Data

- During the quarter, construction workers worked 145,032 hours and earned \$11.6 million in wages and benefits.

Chart 1. Craft Hours and Wages



San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Third Quarter FY 2021-2022

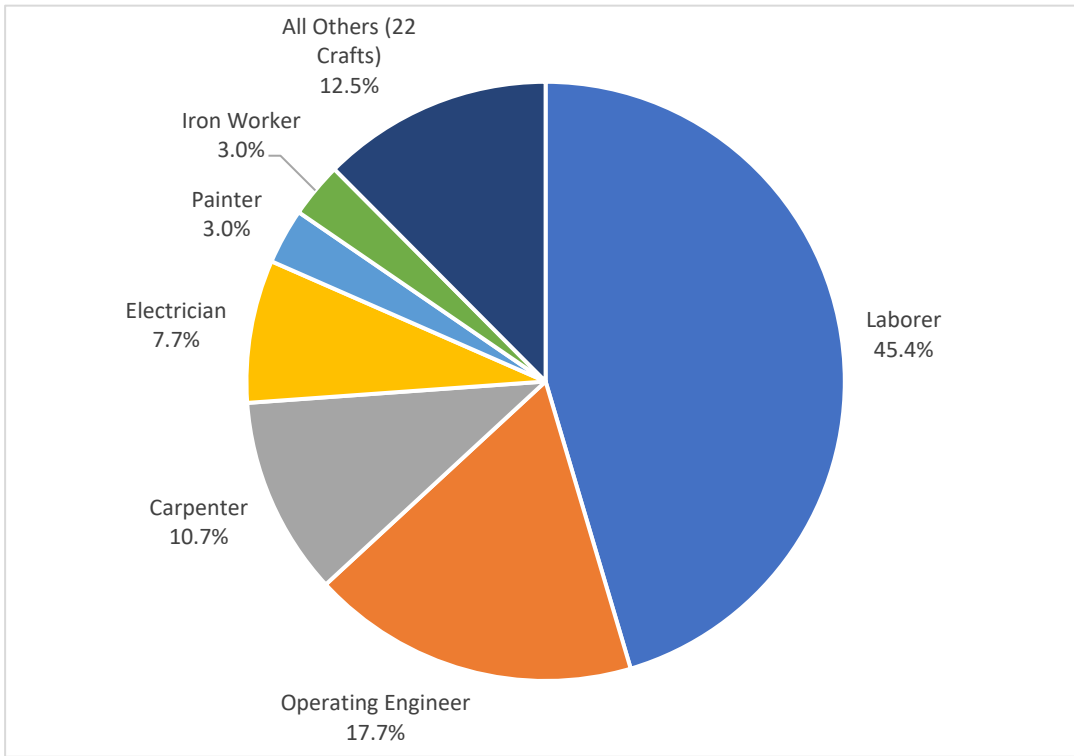
- 1,879,816 total craft hours have been worked by 5,485 workers who earned \$140.9 million in wages and benefits.
- Laborers, Operating Engineers, Carpenters, Electricians, Painters, and Iron Workers worked 87.5% of all hours, with over 1.6 million combined hours worked.

Table 4. Craft Utilization Table

Cumulative Employment by Craft				
Inception Through March 31, 2022				
Craft	Total Hours	Total Wages	% Craft Hours of Total Hours	% Wages of Total Wages
Laborer	853,775	\$ 51,064,236	45.4%	36.2%
Operating Engineer	333,123	\$ 29,223,466	17.7%	20.7%
Carpenter	201,494	\$ 16,899,400	10.7%	12.0%
Electrician	144,814	\$ 14,643,054	7.7%	10.4%
Painter	56,298	\$ 3,978,006	3.0%	2.8%
Iron Worker	55,800	\$ 3,940,914	3.0%	2.8%
Top 6 Crafts Sub-Total	1,645,304	\$ 119,749,077	87.5%	85.0%
Plumber	47,265	\$ 5,445,810	2.5%	3.9%
Cement Mason	33,542	\$ 2,302,591	1.8%	1.6%
Sheet Metal Worker	24,355	\$ 2,664,134	1.3%	1.9%
Pile Driver	20,417	\$ 2,158,854	1.1%	1.5%
Field Surveyor	20,190	\$ 1,424,994	1.1%	1.0%
Plasterer	10,633	\$ 817,535	0.6%	0.6%
Boilermaker	7,899	\$ 712,399	0.4%	0.5%
Roofer	3,332	\$ 216,729	0.2%	0.2%
Asbestos Worker	2,530	\$ 137,231	0.1%	0.1%
Building/Construction Inspector	2,110	\$ 174,731	0.1%	0.1%
Drywall Installer/Lather	1,128	\$ 76,406	0.1%	0.1%
Glazier	870	\$ 52,718	0.0%	0.0%
Electrical Utility Lineman	435	\$ 41,515	0.0%	0.0%
Bricklayer	420	\$ 22,952	0.0%	0.0%
Metal Roofing Systems Installer	165	\$ 10,469	0.0%	0.0%
Sprinklerfitters	80	\$ 9,513	0.0%	0.0%
Tile Finisher	32	\$ 1,596	0.0%	0.0%
Tile Setter	28	\$ 2,003	0.0%	0.0%
Remaining Apprenticeable Sub-Total	175,427	\$ 16,272,180	9.3%	11.6%
Teamster	33,376	\$ 2,666,187	1.8%	1.9%
Driver	20,337	\$ 1,742,263	1.1%	1.2%
Tunnel Worker	5,113	\$ 312,166	0.3%	0.2%
Diver	261	\$ 127,655	0.0%	0.1%
Total Non-Apprenticeable	59,086	\$ 4,848,270	3.1%	3.4%
Grand Total	1,879,816	\$ 140,869,527	100.0%	100.0%

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Third Quarter FY 2021-2022

Chart 2. Craft Utilization Pie Chart

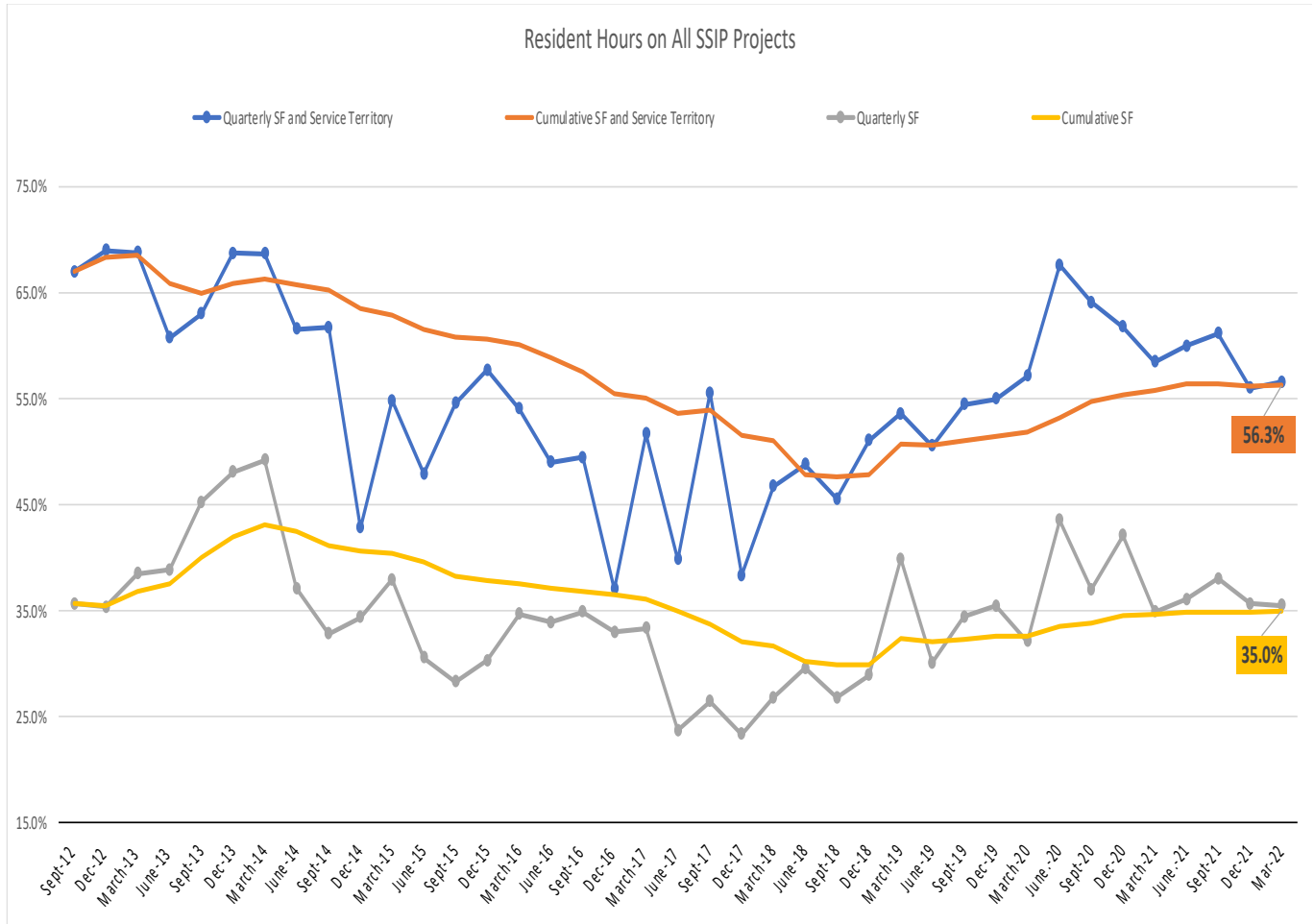


San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 Third Quarter FY 2021-2022

Worker Residence Data

- Combined, San Francisco and SFPUC Regional Service Territory residents worked **56.3%** of all construction craft hours on SSIP to date.
- Of that total, San Francisco residents alone have worked **35.0%**.

Chart 3. Worker Residence Quarterly and Cumulative



San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Third Quarter FY 2021-2022

- San Francisco’s 1,442 workers worked **35.0%** of all the construction hours, as reported in the City’s online certified payroll reporting system, LCPtracker, Inc., and they have earned \$45.9 million in wages and benefits.

Table 5. Worker Residence by County

SSIP-PLA Employment by Top 20 Counties of Residence Inception Through March 31, 2022				
County	Total Craft Hours	Wages & Benefits	% Craft Hours	Worker Count (Not Unique)
San Francisco County	657,395	\$ 45,894,665	35.0%	1,443
Contra Costa County	277,887	\$ 21,369,667	14.8%	830
Alameda County	219,615	\$ 15,840,717	11.7%	868
San Mateo County	134,529	\$ 10,157,147	7.2%	433
Solano County	111,178	\$ 9,113,874	5.9%	371
San Joaquin County	79,913	\$ 6,075,165	4.3%	307
Santa Clara County	51,955	\$ 3,720,206	2.8%	260
Sacramento County	37,817	\$ 3,163,537	2.0%	167
Sonoma County	34,070	\$ 2,456,109	1.8%	94
Stanislaus County	26,297	\$ 2,067,674	1.4%	112
Merced County	23,080	\$ 2,109,933	1.2%	32
Madera County	15,972	\$ 1,319,905	0.8%	18
Tulare County	14,823	\$ 872,805	0.8%	38
Fresno County	12,262	\$ 850,843	0.7%	14
Riverside County	11,735	\$ 873,847	0.6%	38
Marin County	10,675	\$ 697,317	0.6%	29
Lake County	10,316	\$ 1,251,789	0.5%	11
Los Angeles County	8,884	\$ 724,252	0.5%	32
Napa County	8,652	\$ 578,462	0.5%	37
Monterey County	7,391	\$ 724,031	0.4%	29
Top 20 CA Counties by Hrs.	1,754,447	\$ 129,861,944	93.3%	5,163
All Other CA Counties	70,686	\$ 6,191,293	3.8%	249
Out of State	54,683	\$ 4,816,290	2.9%	122
Grand Total	1,879,816	\$ 140,869,527	100.0%	5,402

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Third Quarter FY 2021-2022

The table below represents 30 San Francisco ZIP Codes as identified in LCPtracker, Inc., through the reporting period.

- San Francisco residents worked by 657,291 total hours on SSIP.
- Workers living in the Southeast sector of the city, in ZIP Codes 94124 (Bayview Hunters Point) and 94134 (Visitacion Valley, Portola), have worked 217,528 hours.
- Apprentices living in 94124 have worked more than a quarter (27.7%) of all San Francisco's 138,121 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	38,271	133,191	171,462	368
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	8,653	88,244	96,897	187
94110	Mission, Bernal Heights	13,289	55,632	68,921	166
94134	Visitacion Valley, Portola	9,363	36,703	46,065	116
94132	Lake Merced, Merced Heights, San Francisco State	6,777	28,522	35,299	61
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	15,070	14,636	29,706	42
94116	Sunset District, West Portal, Forest Hill	6,107	22,271	28,378	63
94122	Inner Sunset, Outer Sunset	8,632	17,458	26,090	72
94121	Outer Richmond	6,976	14,557	21,533	44
94103	SOMA	1,377	16,734	18,111	44
94102	Hayes Valley, Civic Center, Tenderloin	3,384	14,607	17,991	33
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA	3,507	11,574	15,081	26
94107	SOMA, Dog Patch, Protrero Hill	4,356	8,226	12,582	52
94118	Inner Richmond	1,105	11,356	12,461	27
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason	607	9,962	10,569	26
94133	Chinatown, Telegraph Hill, North Beach, Fisherman's Wharf	1,750	7,653	9,403	18
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park	553	7,968	8,521	33
94130	Treasure Island	3,283	5,205	8,488	14
94114	Castro, Noe Valley	1,431	5,160	6,591	16
94127	Balboa Terrace, St. Francis Wood, West Portal	1,547	1,578	3,124	13
94158	Mission Bay	48	1,952	2,000	3
94142	Tenderloin		1,937	1,937	2
94105	SOMA, Embarcadero	675	556	1,230	5
94104	Financial District	607	617	1,224	3
94108	Chinatown, Union Square	350	835	1,185	7
94188	P.O Box	232	931	1,163	9
94123	Marina, Cow Hollow		513	513	4
94120	SOMA	176	291	467	3
94119	P.O Box		156	156	1
94140	P.O Box		147	147	1
Grand Total		138,121	519,170	657,291	1,442

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Third Quarter FY 2021-2022

- Laborers living in San Francisco have worked more than half (52.9%) of San Francisco 657,291 total hours.
- San Francisco apprentice Laborers have worked nearly half (47.1%) of the 138,121 hours worked by San Francisco apprentices.

Table 7. Worker Residence by Craft

All Workers	Laborer	Operating Engineer	Carpenter	Electrician	Painter	Iron Worker	All Others (22 Crafts)	SSIP Grand Total
Total Hours	853,775	333,123	201,494	144,814	56,298	55,800	234,512	1,879,816
Craft Total % of SSIP Total	45.4%	17.7%	10.7%	7.7%	3.0%	3.0%	12.5%	
SF Hours	347,869	103,755	66,864	50,877	9,962	12,312	61,470	657,291
SF Craft % of Total SF Hours	52.9%	15.8%	10.2%	7.7%	1.5%	1.9%	9.4%	
Regional Service Territory Hours	173,940	86,835	26,444	24,811	7,195	18,832	61,946	400,002
% Rgnl Serv Trt Hrs of Total Rgnl Srv Trt Hrs	43.5%	21.7%	6.6%	6.2%	1.8%	4.7%	15.5%	
Apprentice Workers	Laborer	Carpenter	Electrician	Operating Engineer	Painter	Iron Worker	All Others (18 Crafts)	SSIP Apprentices Grand Total
Total Hours	82,643	38,016	24,695	21,176	13,078	11,985	36,361	227,953
Craft Total % of SSIP Total	36.3%	16.7%	10.8%	9.3%	5.7%	5.3%	16.0%	
SF Hours	65,123	15,131	18,031	17,719	3,680	4,120	14,319	138,121
SF Craft % of Total SF Hours	47.1%	11.0%	13.1%	12.8%	2.7%	3.0%	10.4%	
Regional Service Territory Hours	4,562	6,448	2,596	2,266	836	1,803	15,304	33,815
% Rgnl Serv Trt Hrs of Total Rgnl Srv Trt Hrs	13.5%	19.1%	7.7%	6.7%	2.5%	5.3%	45.3%	

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Third Quarter FY 2021-2022

- The overall participation rate of San Francisco workers on SSIP projects is currently **35.0%**.
- WW-711 Wawona Area Stormwater Improvement and Vicente Water Main Replacement has the highest local worker participation to date on SSIP, with workers living in San Francisco having worked **92.4%** of the project's total hours.

Table 8. Worker Residence by Project

Sorted by percentage of San Francisco hours as a percentage of the project's total hours.

Project	Hours				% of Total Project Hours		
	Outside	San Francisco	Service Territory	Grand Total	Outside	San Francisco	Service Territory
WW-711 - Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	404	18,889	1,142	20,435	2.0%	92.4%	5.6%
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	5,647	8,906	432	14,985	37.7%	59.4%	2.9%
WW-572R Westside Pump Station Discharge Pipe Manifold	3,378	5,410	495	9,282	36.4%	58.3%	5.3%
WW-712 - New Montgomery, Jessie, Minna, and Mission Streets Brick Sewer Rehabilitation	1,827	2,463	210	4,500	40.6%	54.7%	4.7%
WW-691 Sunset Boulevard Greenway -- Phase II Irving Street to Ulloa Street	1,398	3,357	1,740	6,494	21.5%	51.7%	26.8%
WW-702R - Jackson, Griffith, and Pierce Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	4,908	4,464	68	9,440	52.0%	47.3%	0.7%
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-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-703 - Mission Street, 16th to Cesar Chavez, Brick Sewer Rehabilitation	5,216	5,681	2,278	13,175	39.6%	43.1%	17.3%
WW-696 - Cargo Way Flush Line	4,150	4,501	2,675	11,326	36.6%	39.7%	23.6%
WW-687 - Force Main Rehabilitation at Embarcadero and Jackson	5,828	6,015	3,301	15,145	38.5%	39.7%	21.8%
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-627R - Baker Beach Green Streets	11,630	9,993	4,579	26,202	44.4%	38.1%	17.5%
WW-674R - Geary Boulevard Sewer and Water Improvements	9,699	15,264	15,281	40,243	24.1%	37.9%	38.0%
WW-685R - North Shore Pump Station Wet Weather Improvements	8,066	5,616	1,652	15,334	52.6%	36.6%	10.8%
WW-628 - Southeast Water Pollution Control Plant New Headworks Facility	229,918	191,313	105,084	526,314	43.7%	36.3%	20.0%
WW-671(I) Fillmore and Haight Street Intersection, AWSS, Pavement, and Sewer Replacement	1,377	870	251	2,497	55.1%	34.8%	10.1%
WW-610R - Visitacion Valley Green Nodes, Rutland Street Sewer, and Sunnysdale Pavement Improvements	7,060	6,518	5,350	18,928	37.3%	34.4%	28.3%
WW-667 Mariposa Dry-Weather Pump Station	18,874	11,473	3,479	33,826	55.8%	33.9%	10.3%
WW-665 - Southeast Water Pollution Control Plant 042 Rehabilitation and Seismic Retrofit	14,167	9,691	5,012	28,871	49.1%	33.6%	17.4%
WW-647R.S2-T-31.01 - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project - Earthworks, Piling Found & Site Wide Dewatering	192,339	165,283	139,039	496,660	38.7%	33.3%	28.0%
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-639 - Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades	29,709	19,239	9,413	58,361	50.9%	33.0%	16.1%
WW-605R Mission and Valencia Streets Green Gateway	8,869	5,943	5,187	19,998	44.4%	29.7%	25.9%
WW-662R - Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	7,076	4,789	4,272	16,137	43.9%	29.7%	26.5%
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-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-659 - Greenhouse Demolition at 1150 Phelps Street	1,840	868	739	3,446	53.4%	25.2%	21.4%
WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades	53,465	17,590	5,370	76,424	70.0%	23.0%	7.0%
WW-651 - Griffith Pump Station Improvements	11,209	3,448	400	15,057	74.4%	22.9%	2.7%
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	2,287	835	901	4,023	56.9%	20.8%	22.4%
WW-645R - Westside Pump Station Reliability Improvements	14,783	4,712	6,956	26,450	55.9%	17.8%	26.3%
WW-614R2 - North Point Outfall Rehabilitation	24,551	2,971	8,398	35,920	68.3%	8.3%	23.4%
Grand Total	822,524	657,291	400,002	1,879,816	43.8%	35.0%	21.3%

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Third Quarter FY 2021-2022

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, 12.5% of all craft hours in apprenticeable trades have been worked by apprentices.
- Glaziers have utilized the most apprentices, with 79.4% of all hours being worked by apprentices.
- Apprentice Laborers have worked 9.7% of the Laborers’ 853,000 total 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%
Field Surveyor	9,032	11,158	20,190	44.7%
Metal Roofing Systems Installer	72	93	165	43.6%
Roofer	850	2,482	3,332	25.5%
Tile Finisher	8	24	32	25.0%
Painter	13,078	43,221	56,298	23.2%
Plumber	10,964	36,301	47,265	23.2%
Tile Setter	6	22	28	21.8%
Iron Worker	11,985	43,815	55,800	21.5%
Carpenter	38,016	163,478	201,494	18.9%
Cement Mason	6,309	27,232	33,542	18.8%
Sheet Metal Worker	4,532	19,823	24,355	18.6%
Electrician	24,695	120,118	144,814	17.1%
Asbestos Worker	377	2,153	2,530	14.9%
Pile Driver	2,830	17,587	20,417	13.9%
Building/Construction Inspector	256	1,855	2,110	12.1%
Laborer	82,643	771,133	853,775	9.7%
Drywall Installer/Lather	108	1,020	1,128	9.5%
Electrical Utility Lineman	36	399	435	8.3%
Operating Engineer	21,176	311,947	333,123	6.4%
Boilermaker	212	7,687	7,899	2.7%
Bricklayer	8	412	420	1.9%
Tunnel Worker	56	5,057	5,113	1.1%
Plasterer	16	10,617	10,633	0.2%
Sprinklerfitters		80	80	0.0%
Apprenticeable Subtotal	227,953	1,597,890	1,825,843	12.5%
Teamster		33,376	33,376	0.0%
Diver		261	261	0.0%
Driver		20,337	20,337	0.0%
Grand Total	227,953	1,651,863	1,879,816	12.1%

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Third Quarter FY 2021-2022

- WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades has the highest apprentice utilization ratio, with 22.0% of all hours worked by apprentices.
- WW-628 Southeast Water Pollution Control Plant New Headworks Facility's apprentice utilization ratio is currently 13.4%, or 70,699 out of 526,314 total project hours.
WW-647R Southeast Water Pollution Control Plant Biosolids Digester Facilities Project, with nearly 500,000 total hours worked, has an apprentice utilization rate of 8.0%.

Table 10. Apprentice Utilization by Project

Project Name	Apprentice Hours	Journey Hours	Grand Total	Appr. Utilization %
WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades	16,810	59,615	76,424	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	12,300	15,057	18.3%
WW-627R - Baker Beach Green Streets	4,685	21,517	26,202	17.9%
WW-702R - Jackson, Griffith, and Pierce Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	1,597	7,842	9,440	16.9%
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-674R - Geary Boulevard Sewer and Water Improvements	6,372	33,872	40,243	15.8%
WW-712 - New Montgomery, Jessie, Minna, and Mission Streets Brick Sewer Rehabilitation	698	3,802	4,500	15.5%
WW-626 Southeast Water Pollution Control Plant Primary and Secondary Clarifier Upgrades	11,358	63,667	75,025	15.1%
WW-639 - Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades	8,625	49,736	58,361	14.8%
WW-657R - Drumm & Jackson Streets Sewer Improvements	2,190	12,753	14,943	14.7%
WW-696 - Cargo Way Flush Line	1,606	9,720	11,326	14.2%
WW-665 - Southeast Water Pollution Control Plant O42 Rehabilitation and Seismic Retrofit	4,091	24,780	28,871	14.2%
WW-683R - Sansome, 5th, 6th (North), and Division Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	2,053	12,932	14,985	13.7%
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-691 Sunset Boulevard Greenway -- Phase II Irving Street to Ulloa Street	873	5,621	6,494	13.4%
WW-628 - Southeast Water Pollution Control Plant New Headworks Facility	70,699	455,616	526,314	13.4%
WW-711 - Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	2,408	18,027	20,435	11.8%
WW-667 Mariposa Dry-Weather Pump Station	3,807	30,019	33,826	11.3%
WW-662R - Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	1,572	14,565	16,137	9.7%
WW-647R - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	39,957	456,704	496,660	8.0%
WW-614R2 - North Point Outfall Rehabilitation	2,750	33,170	35,920	7.7%
WW-685R - North Shore Pump Station Wet Weather Improvements	1,164	14,170	15,334	7.6%
WW-645R - Westside Pump Station Reliability Improvements	1,875	24,576	26,450	7.1%
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-703 - Mission Street, 16th to Cesar Chavez, Brick Sewer Rehabilitation	748	12,428	13,175	5.7%
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-687 - Force Main Rehabilitation at Embarcadero and Jackson	192	14,953	15,145	1.3%
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	14	4,009	4,023	0.3%
WW-671(I) Fillmore and Haight Street Intersection, AWSS, Pavement, and Sewer Replacement		2,497	2,497	0.0%
Grand Total	227,953	1,651,863	1,879,816	12.1%

San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 Third Quarter FY 2021-2022

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.

- 2,583 pre-employment tests have been administered on SSIP, with a total non-negative screening rate of **1.66%**.
- During the quarter, 260 pre-employment substance abuse screenings were administered, and no individuals were prevented from working as the result of a non-negative test.

Table 11. Workers’ Pre-Employment Clearance Data

SSIP - Covered by PLA Substance Abuse Testing Summary Tests Administered to Individuals Cleared to Work Through 3/31/22	
Project	Number Cleared
WW-647R - SEP Biosolids Digester Facilities Project	1,121
WW-682R - Southeast Community Center at 1550 Evans	795
WW-628 - SEP New Headworks Facility	278
WW-614R2 - North Point Outfall Rehabilitation	116
WW-645R - Westside Pump Station Reliability Improvements	52
WW-711 - Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	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-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	2,540

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 of San Francisco and within the SFPUC Regional 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 authorizing 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; mitigates 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 the WD-2504 Stanford Heights Reservoir Seismic Retrofit and Improvement project, which the SFPUC awarded to S.J. Amoroso Construction Company, LLC., on June 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 the Extension Agreement, to Sewer System Improvement Program (SSIP) projects and the AWSS Pumping Station 2 project.

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 Workforce and Economic Program Services team, within the SFPUC's Infrastructure Division, administers the PLA under the advisement 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 PLA Pre-Job Conference. At the conference, the general contractor and subcontractors must present their scope of work and make union assignments of the work based on traditional craft jurisdictional lines. When conflicting claims for work are submitted to a contractor, the corresponding Jurisdictional Dispute Resolution procedures, as specified for the trades involved, is invoked so as to prevent delay or disruption of the work.

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



**SEWER
SYSTEM**
IMPROVEMENT PROGRAM
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Sewer System Improvement Program Project Labor Agreement Quarterly Report

**April 1, 2022, through June 30, 2022
(Fourth Quarter FY 2021-2022)**

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

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San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Fourth Quarter FY 2021-2022

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	10
Chart 3. Worker Residence Quarterly and Cumulative	10
Table 5. Worker Residence by County	11
Table 6. SF Journey & 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
Fourth Quarter FY 2021-2022

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

San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 Fourth Quarter FY 2021-2022

Executive Summary

Contracting and Employment Highlights – Program to Date:

- Forty-one (41) construction contracts, with a combined value of \$1.680 billion, have been awarded.
- 2,034,909 total craft hours have been worked by 5,689 workers who earned \$153.6 million in wages and benefits.
- 1,517 San Francisco residents worked 715,798 hours (35.2%) and earned over \$50.0 million in wages and benefits, exceeding the City’s Local Hiring requirement (20% to 30% on SSIP projects).
- 1,592 residents of the SFPUC’s Regional Service Territory worked 432,859 hours (21.3%) and earned over \$32.6 million in wages and benefits.

Table 1. Worker Highlights – Total Program

Region of Worker Residence	Inception Through June 30, 2022		
	Hours	Wages & Benefits	Worker Count
Outside	886,252	\$ 70,922,537	2,668
San Francisco	715,798	\$ 50,029,508	1,517
Service Territory	432,859	\$ 32,646,477	1,592
Grand Total	2,034,909	\$ 153,598,523	5,689

San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 Fourth Quarter FY 2021-2022

Contracting and Employment Highlights – During the Quarter:

- No new SSIP contracts were awarded during the quarter.
- 862 construction workers worked 154,699 hours and earned \$12.7 million in wages and benefits.
- 264 San Francisco residents worked 58,402 hours and earned \$4.1 million in wages and benefits.
- 217 SFPUC Service Territory residents worked 32,771 hours and earned \$2.8 million in wages and benefits.

Table 2. Summary of Craft Worker Employment During the Quarter

Region of Worker Residence	Three Months Ending June 30, 2022		
	Hours	Wages & Benefits	Worker Count
Outside	63,526	\$ 5,792,775	381
San Francisco	58,402	\$ 4,131,572	264
Service Territory	32,771	\$ 2,755,261	217
Grand Total	154,699	\$ 12,679,609	862

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Fourth Quarter FY 2021-2022

Table 3. List of SSIP Construction Contracts

SSIP Construction Contracts				
Inception through June 30, 2022				
Contract Number	Project	Award Date	Prime Contractor	Original Contract Award
WW-648	Oceanside Water Pollution Control Plant Building 042 Primary Clarifier Improvements	2/8/22	Cal State Constructors	\$ 6,490,014
WW-712	New Montgomery, Jessie, Minna, and Mission Street Brick Sewer Rehabilitation	5/11/21	D'Arcy & Harty Construction, Inc.	\$ 4,888,750
WW-711	Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	4/13/21	KJ Woods Construction Inc	\$ 29,132,100
WW-645R	Westside Pump Station Reliability Improvements	2/23/21	Anvil Builders, Inc	\$ 48,328,300
WW-685R	North Shore Pump Station, Wet Weather Improvements	1/26/21	Western Water Constructors	\$ 26,010,000
WW-703	Mission Street, 16th to Cesar Chavez, Brick Sewer Rehabilitation	8/25/20	Cratus, Inc.	\$ 6,337,350
WW-662R	Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	7/28/20	Blocka Construction, Inc	\$ 30,744,200
WW-702R	Jackson, Griffith, and Pierce Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	7/14/20	Trinet Construction, Inc	\$ 3,886,300
WW-694	Lincoln Way/48th Ave Diversion Structure Modification	4/14/20	Marinship Development Interest, LLC	\$ 967,980
WW-696	Cargo Way Flush Line	2/25/20	JMB Construction, Inc.	\$ 4,486,280
WW-687	Force Main Improvements at Embarcadero and Jackson	1/14/20	Anvil Builders Inc.	\$ 5,986,222
WW-691	Sunset Boulevard Greenway -- Phase II Irving Street	7/23/19	Minerca Construction, Inc	\$ 2,572,351
WW-665	SEP 042 Rehabilitation And Seismic Retrofit	6/25/19	Western Water Constructors, Inc.	\$ 9,079,210
WW-683R	Sansome and Division Streets Combined Sewer Discharge Rehab	5/14/19	Trinet Construction Inc	\$ 4,907,090
WW-682R	Southeast Community Center at 1550 Evans	1/22/19	Charles Pankow Builders, Inc.	\$ 71,181,251
WW-627R	Baker Beach Green Streets	9/25/18	Minerva Construction	\$ 7,122,000
WW-667	Mariposa Dry-Weather Pump Station	9/11/18	Western Water Constructors, Inc.	\$ 17,031,000
WW-639	OSP Digester Gas Utilization Upgrades	8/28/18	Monterey Mechanical	\$ 38,449,000
WW-674R	Geary Boulevard Sewer and Water Improvements	8/28/18	JMB Construction, Inc.	\$ 16,246,547
WW-659	Greenhouse Demolition at 1150 Phelps Street/1800 Oakdale Avenue	2/27/18	Azul Works, Inc.	\$ 1,638,000
WW-657R	Drumm & Jackson Streets Sewer Improvements	1/9/18	Anvil Builders Inc.	\$ 5,240,900
WW-658	As-Needed Sewer Cleaning and Inspection of Large Sewers	8/8/17	Pipe and Plant Solutions	\$ 2,694,000
WW-651	Griffith Pump Station Improvements	7/11/17	Western Water Constructors, Inc.	\$ 10,941,000
WW-599R	SEP Cryogenic Oxygen Plant	6/13/17	Cal State Constructors	\$ 6,547,000
WW-647R	SEP Biosolids Digester Facilities	5/9/17	MWH Constructors/Webcor Builders JV	\$ 932,715,777
WW-610R	Visitacion Valley Green Nodes	2/28/17	Minerva Construction	\$ 3,483,944
WW-653	Marin Street Sewer Replacement	2/28/17	Ranger Pipelines, Inc.	\$ 4,860,250
WW-614R2	North Point Outfall Rehabilitation	1/10/17	The Dutra Group	\$ 12,485,980
WW-632	SEP Existing Digester Gas Handling Improvements	1/10/17	Monterey Mechanical Company	\$ 9,536,000
DB-126	WWE Distributed Control System Upgrades	12/13/16	Emerson Process Management	\$ 20,425,000
WW-606R2	OSP Door and Building 930 Exterior Awning Improvements	12/13/16	Trinet Construction, Inc.	\$ 4,049,000
WW-628	SEP New Headworks Facility	5/24/16	Sundt/Walsh JV	\$ 224,652,224
WW-570	OSP and Westside Pump Station HVAC Upgrades	5/10/16	Blocka Construction, Inc.	\$ 6,138,000
WW-613	SEP Building 521/522 and Disinfection Upgrades	1/26/16	Western Water Constructors, Inc.	\$ 25,750,000
WW-626	SEP Primary and Secondary Clarifier Upgrades	1/12/16	Monterey Mechanical Company	\$ 23,588,000
WW-605R	Mission and Valencia Streets Green Gateway	11/10/15	Anvil Builders	\$ 2,949,013
WW-609R	Holloway Green Street Stormwater Improvements	9/22/15	M Squared Construction, Inc.	\$ 5,591,892
WW-572R	Westside Pump Station Discharge Pipe Manifold Upgrade	6/24/14	Cal State Constructors	\$ 4,145,047
WW-556	SEP Chemical System Relocation and Facility Upgrades	1/28/14	NTK Construction, Inc.	\$ 14,025,000
WW-541	SEP Oxygen Generation Plant Replacement	12/11/12	NTK Construction, Inc.	\$ 9,476,360
WW-483RR	N. Shore to Channel Force Main Improvements	4/24/12	K.J. Woods Construction, Inc.	\$ 15,488,000
41 Projects				\$ 1,680,266,332

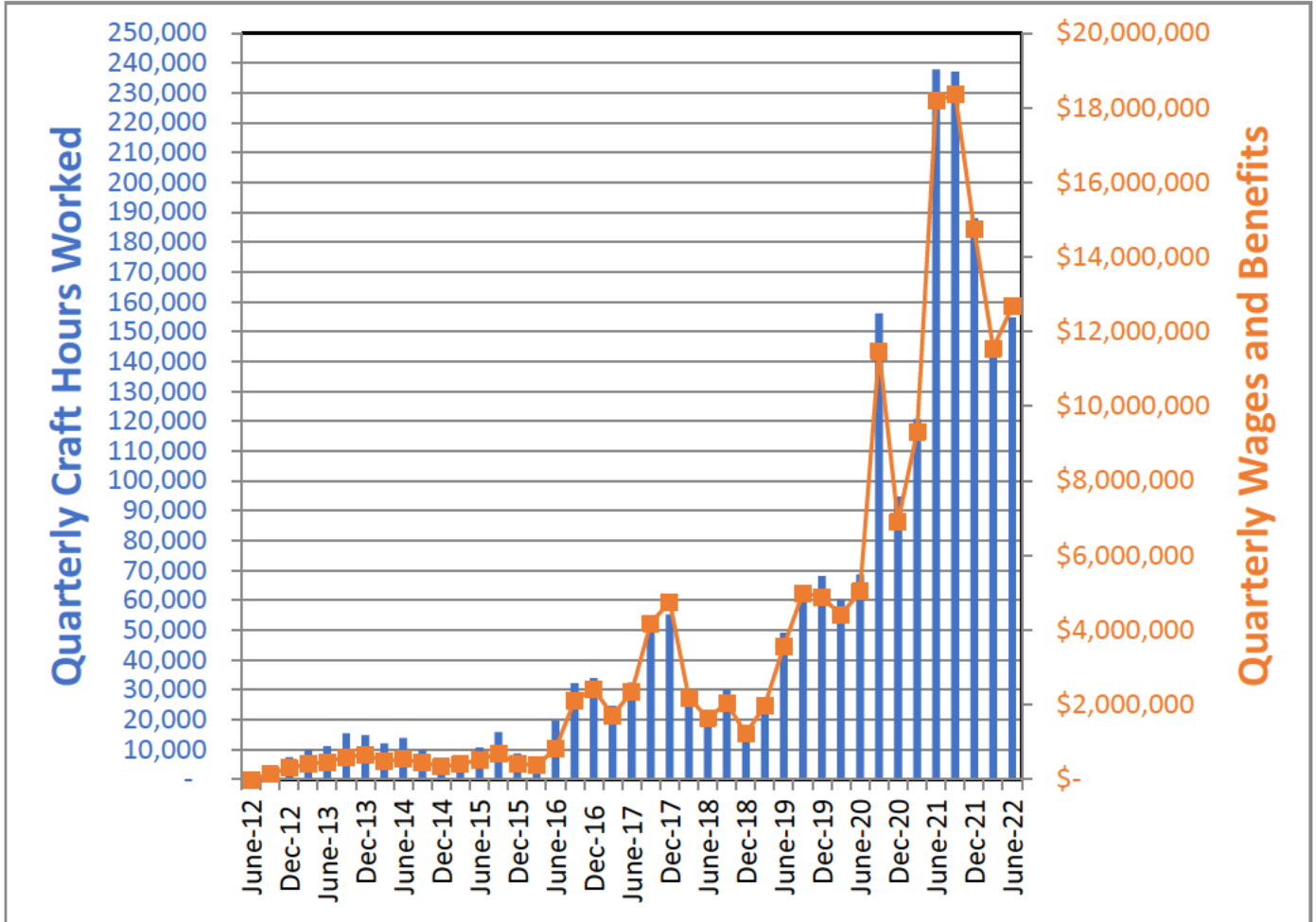
San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 Fourth Quarter FY 2021-2022

Summary Tables and Charts

Craft Data

- During the quarter, construction workers worked 154,699 hours and earned \$12.7 million in wages and benefits.

Chart 1. Craft Hours and Wages



San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Fourth Quarter FY 2021-2022

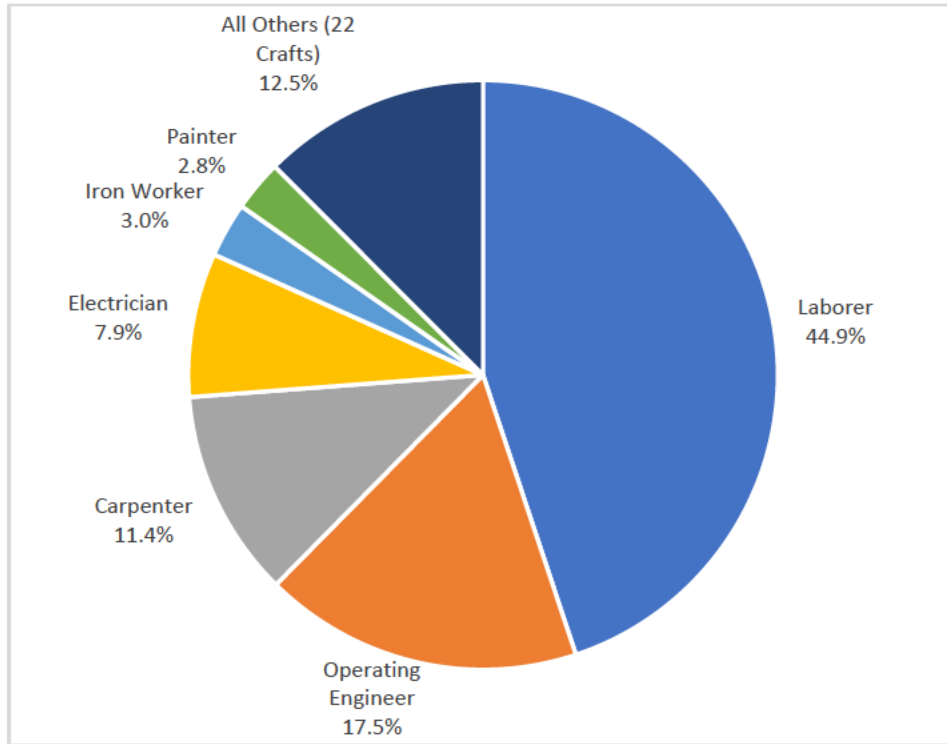
- 2,034,909 total craft hours have been worked by 5,689 workers who earned \$153.6 million in wages and benefits.
- Laborers, Operating Engineers, Carpenters, Electricians, Iron Workers, and Painters worked 87.5% of all hours, with 1.8 million combined hours worked.

Table 4. Craft Utilization Table

Cumulative Employment by Craft				
Inception Through June 30, 2022				
Craft	Total Hours	Total Wages	% Craft Hours of Total Hours	% Wages of Total Wages
Laborer	912,808	\$ 54,692,431	44.9%	35.6%
Operating Engineer	355,529	\$ 31,237,676	17.5%	20.3%
Carpenter	232,083	\$ 19,529,892	11.4%	12.7%
Electrician	161,572	\$ 16,653,990	7.9%	10.8%
Iron Worker	61,240	\$ 4,365,358	3.0%	2.8%
Painter	57,167	\$ 4,043,135	2.8%	2.6%
Top 6 Crafts Sub-Total	1,780,398	\$ 130,522,481	87.5%	85.0%
Plumber	51,605	\$ 6,003,156	2.5%	3.9%
Cement Mason	37,911	\$ 2,660,884	1.9%	1.7%
Sheet Metal Worker	28,638	\$ 3,112,331	1.4%	2.0%
Field Surveyor	20,913	\$ 1,482,121	1.0%	1.0%
Pile Driver	20,417	\$ 2,158,854	1.0%	1.4%
Plasterer	11,349	\$ 868,115	0.6%	0.6%
Boilermaker	7,899	\$ 712,399	0.4%	0.5%
Roofer	4,869	\$ 326,011	0.2%	0.2%
Asbestos Worker	2,585	\$ 143,006	0.1%	0.1%
Building/Construction Inspector	2,237	\$ 183,891	0.1%	0.1%
Drywall Installer/Lather	1,450	\$ 102,724	0.1%	0.1%
Glazier	1,018	\$ 64,760	0.1%	0.0%
Electrical Utility Lineman	435	\$ 41,515	0.0%	0.0%
Bricklayer	420	\$ 22,952	0.0%	0.0%
Metal Roofing Systems Installer	165	\$ 10,469	0.0%	0.0%
Sprinklerfitters	126	\$ 14,961	0.0%	0.0%
Tile Finisher	32	\$ 1,596	0.0%	0.0%
Tile Setter	28	\$ 2,003	0.0%	0.0%
Remaining Apprenticable Sub-Total	192,094	\$ 17,911,749	9.4%	11.7%
Teamster	34,343	\$ 2,769,879	1.7%	1.8%
Driver	20,489	\$ 1,761,561	1.0%	1.1%
Tunnel Worker	7,324	\$ 505,198	0.4%	0.3%
Diver	261	\$ 127,655	0.0%	0.1%
Total Non-Apprenticeable	62,417	\$ 5,164,293	3.1%	3.4%
Grand Total	2,034,909	\$ 153,598,523	100.0%	100.0%

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Fourth Quarter FY 2021-2022

Chart 2. Craft Utilization Pie Chart

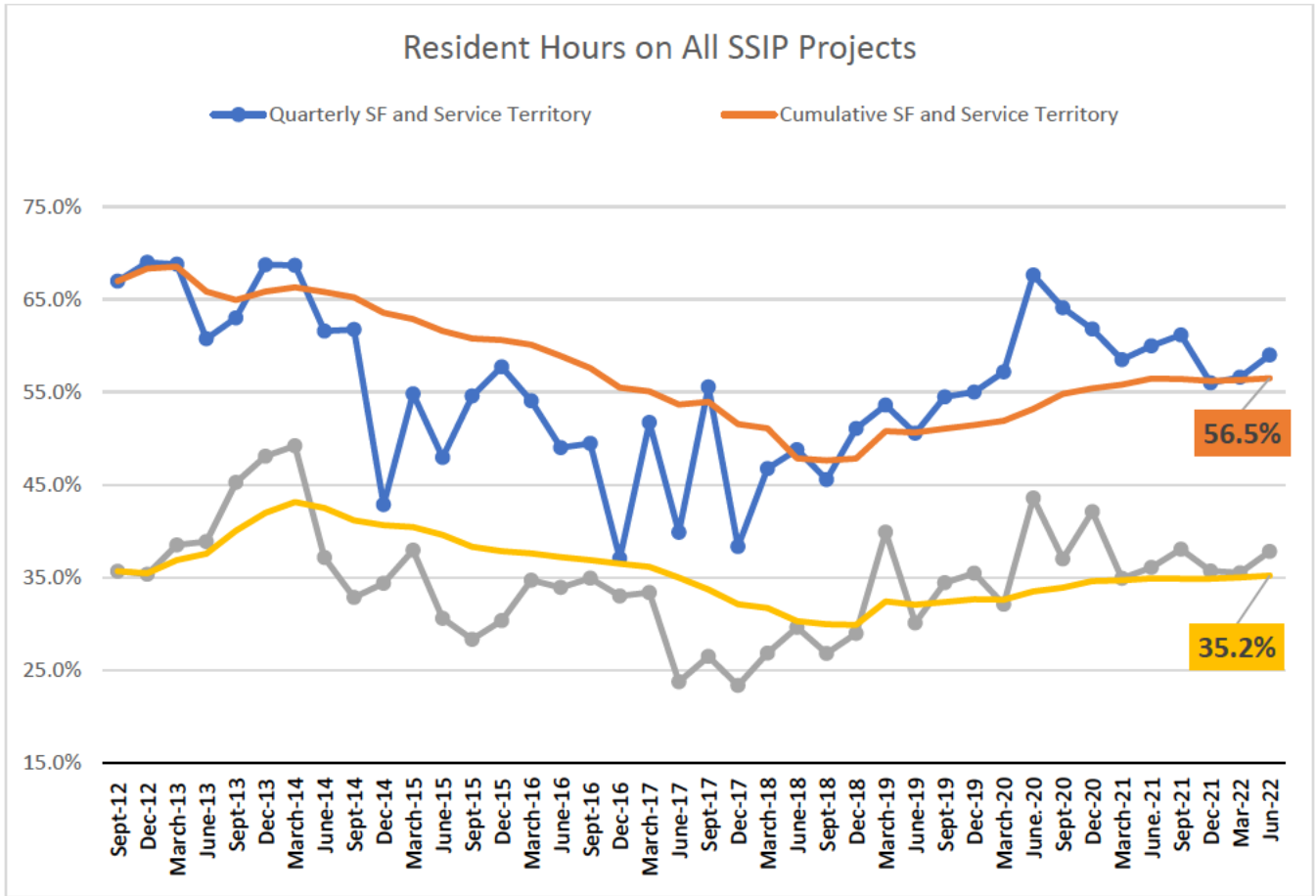


San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 Fourth Quarter FY 2021-2022

Worker Residence Data

- Combined, San Francisco and SFPUC Regional Service Territory residents worked 56.5% of all construction craft hours on SSIP to date.
- San Francisco residents alone have worked 35.2% of all construction craft hours on SSIP to date.

Chart 3. Worker Residence Quarterly and Cumulative



San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Fourth Quarter FY 2021-2022

- When comparing the counties where workers are from, San Francisco's 1,517 workers have worked 35.2% of all the construction hours, as reported in the City's online certified payroll reporting system, LCPtracker, Inc., and they have earned \$50 million in wages and benefits.

Table 5. Worker Residence by County

SSIP-PLA Employment by Top 20 Counties of Residence Inception Through June 30, 2022				
County	Total Craft Hours	Wages & Benefits	% Craft Hours	Worker Count (Not Unique*)
San Francisco County	715,798	\$ 50,029,508	35.2%	1,517
Contra Costa County	300,079	\$ 23,408,233	14.7%	876
Alameda County	232,672	\$ 16,842,670	11.4%	911
San Mateo County	146,869	\$ 11,266,313	7.2%	455
Solano County	117,274	\$ 9,694,033	5.8%	384
San Joaquin County	86,623	\$ 6,682,240	4.3%	318
Santa Clara County	58,250	\$ 4,207,543	2.9%	274
Sacramento County	42,582	\$ 3,577,105	2.1%	177
Sonoma County	36,732	\$ 2,683,364	1.8%	99
Stanislaus County	27,594	\$ 2,180,359	1.4%	124
Merced County	24,458	\$ 2,253,740	1.2%	35
Madera County	17,173	\$ 1,448,454	0.8%	18
Tulare County	14,831	\$ 874,187	0.7%	8
Riverside County	13,303	\$ 1,021,194	0.7%	42
Fresno County	12,270	\$ 852,058	0.6%	15
Lake County	11,740	\$ 1,426,749	0.6%	11
Marin County	11,705	\$ 813,381	0.6%	32
Los Angeles County	10,258	\$ 837,064	0.5%	33
Napa County	9,231	\$ 623,568	0.5%	40
Butte County	8,700	\$ 795,904	0.4%	24
Top 20 CA Counties by H	1,898,141	\$ 141,517,666	93.3%	5,393
All Other CA Counties	77,878	\$ 6,871,873	3.8%	274
Out of State	58,309	\$ 5,159,961	2.9%	125
Grand Total	2,034,909	\$ 153,598,523	100.0%	5,689

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Fourth Quarter FY 2021-2022

The table below represents 30 San Francisco ZIP Codes as identified in LCPtracker, Inc., through the reporting period.

- San Francisco residents worked by 715,798 total hours on SSIP.
- Workers living in the Southeast sector of the city in ZIP Codes 94124 (Bayview Hunters Point) and 94134 (Visitacion Valley, Portola), have worked 232,628 hours.
- Apprentices living in 94124 have worked more than a quarter (27.1%) of all San Francisco's 153 thousand 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	41,495	142,592	184,087	386
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	10,231	95,433	105,664	195
94110	Mission, Bernal Heights	15,400	60,125	75,525	180
94134	Visitacion Valley, Portola	10,465	38,076	48,541	120
94132	Lake Merced, Merced Heights, San Francisco State	7,537	32,127	39,663	64
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	16,377	16,277	32,654	45
94116	Sunset District, West Portal, Forest Hill	7,244	22,892	30,136	69
94122	Inner Sunset, Outer Sunset	9,096	18,695	27,791	73
94121	Outer Richmond	6,976	14,877	21,854	44
94102	Hayes Valley, Civic Center, Tenderloin	4,029	16,043	20,072	37
94103	SOMA	1,655	17,532	19,187	48
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA	3,507	12,593	16,099	26
94107	SOMA, Dog Patch, Protrero Hill	4,356	9,128	13,483	52
94118	Inner Richmond	1,105	11,614	12,718	27
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park	642	11,388	12,030	37
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason	1,060	10,791	11,851	30
94133	Chinatown, Telegraph Hill, North Beach, Fisherman's Wharf	2,381	8,262	10,643	19
94114	Castro, Noe Valley	1,875	8,096	9,971	19
94130	Treasure Island	3,369	5,697	9,065	15
94127	Balboa Terrace, St. Francis Wood, West Portal	1,867	1,685	3,551	13
94158	Mission Bay	48	2,414	2,462	3
94142	Tenderloin		1,937	1,937	2
94105	SOMA, Embarcadero	924	580	1,503	6
94104	Financial District	607	891	1,498	3
94108	Chinatown, Union Square	350	861	1,211	8
94188	P.O Box	232	931	1,163	9
94123	Marina, Cow Hollow		670	670	6
94120	SOMA	176	291	467	3
94119	P.O Box		156	156	1
94140	P.O Box		147	147	1
Grand Total		152,998	562,800	715,798	1,517

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Fourth Quarter FY 2021-2022

- Laborers living in San Francisco have worked more than half (52.8%) of San Francisco 715,798 total hours.
- San Francisco apprentice Laborers have worked nearly half (46.0%) of the 152,998 hours worked by San Francisco apprentices.

Table 7. Worker Residence by Craft

All Workers	Laborer	Operating Engineer	Carpenter	Electrician	Painter	Iron Worker	All Others (22 Crafts)	SSIP Grand Total
Total Hours	912,808	355,529	232,083	161,572	61,240	57,167	254,511	2,034,909
Craft Total % of SSIP Total	44.9%	17.5%	11.4%	7.9%	3.0%	2.8%	12.5%	
SF Hours	377,864	112,163	77,481	54,667	13,100	10,131	70,393	715,798
SF Craft % of Total SF Hours	52.8%	15.7%	10.8%	7.6%	1.8%	1.4%	9.8%	
Regional Service Territory Hours	183,620	90,848	31,445	29,316	22,180	7,515	67,936	432,859
% Rgnl Serv Trt Hrs of Total Rgnl Srv Trt Hrs	42.4%	21.0%	7.3%	6.8%	5.1%	1.7%	15.7%	
Apprentice Workers	Laborer	Carpenter	Electrician	Operating Engineer	Painter	Iron Worker	All Others (18 Crafts)	SSIP Apprentices Grand Total
Total Hours	88,111	45,888	27,837	23,091	13,247	13,086	40,745	252,004
Craft Total % of SSIP Total	35.0%	18.2%	11.0%	9.2%	5.3%	5.2%	16.2%	
SF Hours	70,324	19,204	19,769	19,614	3,849	4,182	16,056	152,998
SF Craft % of Total SF Hours	46.0%	12.6%	12.9%	12.8%	2.5%	2.7%	10.5%	
Regional Service Territory Hours	4,562	8,577	3,481	2,274	836	2,259	17,570	39,559
% Rgnl Serv Trt Hrs of Total Rgnl Srv Trt Hrs	11.5%	21.7%	8.8%	5.7%	2.1%	5.7%	44.4%	

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Fourth Quarter FY 2021-2022

- The overall participation rate of San Francisco workers on SSIP projects is currently 35.2%.
- WW-711 Wawona Area Stormwater Improvement and Vicente Water Main Replacement has the highest local worker participation to date on SSIP, with workers living in San Francisco having worked 88.8% of the project's total hours.

Table 8. Worker Residence by Project

Sorted by percentage of San Francisco hours as a percentage of the project's total hours.

Project	Hours				% of Total Project Hours		
	Outside	San Francisco	Service Territory	Grand Total	Outside	San Francisco	Service Territory
WW-711 - Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	877	33,032	3,285	37,193	2.4%	88.8%	8.8%
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	5,647	8,906	432	14,985	37.7%	59.4%	2.9%
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	1,398	3,357	1,740	6,494	21.5%	51.7%	26.8%
WW-702R - Jackson, Griffith, and Pierce Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	5,004	4,504	68	9,576	52.3%	47.0%	0.7%
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-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-703 - Mission Street, 16th to Cesar Chavez, Brick Sewer Rehabilitation	5,216	5,681	2,278	13,175	39.6%	43.1%	17.3%
WW-696 - Cargo Way Flush Line	4,207	4,632	2,721	11,560	36.4%	40.1%	23.5%
WW-712 - New Montgomery, Jessie, Minna, and Mission Streets Brick Sewer Rehabilitation	5,761	4,209	621	10,591	54.4%	39.7%	5.9%
WW-687 - Force Main Rehabilitation at Embarcadero and Jackson	5,844	6,031	3,312	15,187	38.5%	39.7%	21.8%
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-685R - North Shore Pump Station Wet Weather Improvements	11,055	8,480	2,433	21,968	50.3%	38.6%	11.1%
WW-627R - Baker Beach Green Streets	11,630	9,993	4,579	26,202	44.4%	38.1%	17.5%
WW-674R - Geary Boulevard Sewer and Water Improvements	9,699	15,264	15,281	40,243	24.1%	37.9%	38.0%
WW-628 - Southeast Water Pollution Control Plant New Headworks Facility	259,779	212,963	124,358	597,100	43.5%	35.7%	20.8%
WW-671(I) Fillmore and Haight Street Intersection, AWSS, Pavement, and Sewer Replacement	1,377	870	251	2,497	55.1%	34.8%	10.1%
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-665 - Southeast Water Pollution Control Plant 042 Rehabilitation and Seismic Retrofit	14,167	9,691	5,012	28,871	49.1%	33.6%	17.4%
WW-647R - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	209,780	178,690	146,318	534,788	39.2%	33.4%	27.4%
WW-639 - Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades	31,006	20,507	9,977	61,491	50.4%	33.4%	16.2%
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-662R - Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	9,187	6,959	5,313	21,458	42.8%	32.4%	24.8%
WW-667 Mariposa Dry-Weather Pump Station	20,806	11,917	4,052	36,775	56.6%	32.4%	11.0%
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-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-659 - Greenhouse Demolition at 1150 Phelps Street	1,840	868	739	3,446	53.4%	25.2%	21.4%
WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades	53,465	17,590	5,370	76,424	70.0%	23.0%	7.0%
WW-651 - Griffith Pump Station Improvements	11,209	3,448	400	15,057	74.4%	22.9%	2.7%
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	2,287	835	901	4,023	56.9%	20.8%	22.4%
WW-645R - Westside Pump Station Reliability Improvements	18,305	5,340	7,692	31,336	58.4%	17.0%	24.5%
WW-614R2 - North Point Outfall Rehabilitation	24,551	2,971	8,398	35,920	68.3%	8.3%	23.4%
Grand Total	886,252	715,798	432,859	2,034,909	43.6%	35.2%	21.3%

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Fourth Quarter FY 2021-2022

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, 12.7% of all craft hours in apprenticeable trades have been worked by apprentices.
- Glaziers have utilized the most apprentices, with 67.8% of all hours being worked by apprentices.
- Apprentice Laborers have worked 9.7% of the Laborers’ approximately 913,000 total hours.

Table 9. Apprentice Utilization by Craft

Craft	Apprentice Hours	Journey Hours	Total Hours	Appretice Percentage of Craft Total (Apprentice/Total)
Glazier	691	328	1,018	67.8%
Field Surveyor	9,306	11,607	20,913	44.5%
Metal Roofing Systems Installer	72	93	165	43.6%
Tile Finisher	8	24	32	25.0%
Rofer	1,185	3,684	4,869	24.3%
Painter	13,247	43,921	57,167	23.2%
Plumber	11,611	39,995	51,605	22.5%
Tile Setter	6	22	28	21.8%
Sheet Metal Worker	6,216	22,422	28,638	21.7%
Iron Worker	13,086	48,153	61,240	21.4%
Carpenter	45,888	186,196	232,083	19.8%
Cement Mason	7,335	30,576	37,911	19.3%
Electrician	27,837	133,735	161,572	17.2%
Asbestos Worker	401	2,184	2,585	15.5%
Pile Driver	2,830	17,587	20,417	13.9%
Building/Construction Inspector	260	1,978	2,237	11.6%
Laborer	88,111	824,697	912,808	9.7%
Electrical Utility Lineman	36	399	435	8.3%
Drywall Installer/Lather	108	1,342	1,450	7.4%
Operating Engineer	23,091	332,438	355,529	6.5%
Tunnel Worker	448	6,876	7,324	6.1%
Boilermaker	212	7,687	7,899	2.7%
Bricklayer	8	412	420	1.9%
Plasterer	16	11,333	11,349	0.1%
Sprinklerfitters		126	126	0.0%
Apprenticeable Subtotal	252,004	1,727,812	1,979,816	12.7%
Teamster		34,343	34,343	0.0%
Driver		20,489	20,489	0.0%
Diver		261	261	0.0%
Grand Total	252,004	1,782,905	2,034,909	12.4%

San Francisco Public Utilities Commission
Sewer System Improvement Program Project Labor Agreement Quarterly Report
Fourth Quarter FY 2021-2022

- WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades has the highest apprentice utilization ratio, with 22.0% of all hours worked by apprentices.
- WW-628 Southeast Water Pollution Control Plant New Headworks Facility's apprentice utilization ratio is currently 13.9%, or 82,744 out of 597,100 total project hours.
- WW-647R Southeast Water Pollution Control Plant Biosolids Digester Facilities Project, with nearly 535,000 total hours worked, has an apprentice utilization rate of 8.4%.

Table 10. Apprentice Utilization by Project

Project Name	Apprentice Hours	Journey Hours	Grand Total	Appr. Utilization %
WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades	16,810	59,615	76,424	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	12,300	15,057	18.3%
WW-627R - Baker Beach Green Streets	4,685	21,517	26,202	17.9%
WW-702R - Jackson, Griffith, and Pierce Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	1,597	7,978	9,576	16.7%
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-674R - Geary Boulevard Sewer and Water Improvements	6,372	33,872	40,243	15.8%
WW-626 Southeast Water Pollution Control Plant Primary and Secondary Clarifier Upgrades	11,358	63,667	75,025	15.1%
WW-639 - Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades	9,153	52,338	61,491	14.9%
WW-657R - Drumm & Jackson Streets Sewer Improvements	2,190	12,753	14,943	14.7%
WW-711 - Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	5,295	31,899	37,193	14.2%
WW-665 - Southeast Water Pollution Control Plant 042 Rehabilitation and Seismic Retrofit	4,091	24,780	28,871	14.2%
WW-696 - Cargo Way Flush Line	1,631	9,929	11,560	14.1%
WW-628 - Southeast Water Pollution Control Plant New Headworks Facility	82,744	514,356	597,100	13.9%
WW-683R - Sansome, 5th, 6th (North), and Division Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	2,053	12,932	14,985	13.7%
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-691 Sunset Boulevard Greenway -- Phase II Irving Street to Ulloa Street	873	5,621	6,494	13.4%
WW-662R - Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	2,650	18,808	21,458	12.3%
WW-667 Mariposa Dry-Weather Pump Station	3,998	32,777	36,775	10.9%
WW-712 - New Montgomery, Jessie, Minna, and Mission Streets Brick Sewer Rehabilitation	1,115	9,476	10,591	10.5%
WW-685R - North Shore Pump Station Wet Weather Improvements	2,012	19,957	21,968	9.2%
WW-645R - Westside Pump Station Reliability Improvements	2,740	28,596	31,336	8.7%
WW-647R - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	45,125	489,663	534,788	8.4%
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-703 - Mission Street, 16th to Cesar Chavez, Brick Sewer Rehabilitation	748	12,428	13,175	5.7%
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-687 - Force Main Rehabilitation at Embarcadero and Jackson	192	14,995	15,187	1.3%
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	14	4,009	4,023	0.3%
WW-671(I) Fillmore and Haight Street Intersection, AWSS, Pavement, and Sewer Replacement		2,497	2,497	0.0%
Grand Total	252,004	1,782,905	2,034,909	12.4%

San Francisco Public Utilities Commission
 Sewer System Improvement Program Project Labor Agreement Quarterly Report
 Fourth Quarter FY 2021-2022

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.

- 2,780 pre-employment tests have been administered on SSIP, with a total non-negative screening rate of 1.55%.
- During the quarter, 197 pre-employment substance abuse screenings were administered, and no individuals were prevented from working as the result of a non-negative test.

Table 11. Workers’ Pre-Employment Clearance Data

SSIP - Covered by PLA Substance Abuse Testing Summary	
Tests Administered to Individuals Cleared to Work Through 06/30/2022	
Project	Number Cleared
WW-647R - SEP Biosolids Digester Facilities Project	1,273
WW-682R - Southeast Community Center at 1550 Evans	834
WW-628 - SEP New Headworks Facility	284
WW-614R2 - North Point Outfall Rehabilitation	116
WW-645R - Westside Pump Station Reliability Improvements	52
WW-711 - Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	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-667 - Mariposa Dry Weather Pump Station	10
WW-639 - OSP Digester GasUtilization 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	2,737

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 of San Francisco and within the SFPUC Regional 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 authorizing 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; mitigates 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 the WD-2504 Stanford Heights Reservoir Seismic Retrofit and Improvement project, which the SFPUC awarded to S.J. Amoroso Construction Company, LLC., on June 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 the Extension Agreement, to Sewer System Improvement Program (SSIP) projects and the AWSS Pumping Station 2 project.

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 Workforce and Economic Program Services team, within the SFPUC's Infrastructure Division, administers the PLA under the advisement 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 PLA Pre-Job Conference. At the conference, the general contractor and subcontractors must present their scope of work and make union assignments of the work based on traditional craft jurisdictional lines. When conflicting claims for work are submitted to a contractor, the corresponding Jurisdictional Dispute Resolution procedures, as specified for the trades involved, is invoked so as to prevent delay or disruption of the work.

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