



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

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

**July 1, 2022, through September 30, 2022  
(First Quarter FY 2022-2023)**

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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  
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## Definitions

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

## Executive Summary

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

- Forty-three (43) construction contracts, with a combined value of \$1.7 billion, have been awarded.
- 2,188,783 total craft hours have been worked by 5,897 workers who earned \$166.8 million in wages and benefits.
- 1,574 San Francisco residents worked 775,372 hours (35.4%) and earned over \$54.4 million in wages and benefits, exceeding the City’s Local Hiring requirement (20% to 30% on SSIP projects).
- 1,645 residents of the SFPUC’s Regional Service Territory worked 463,353 hours (21.2%) and earned over \$35.3 million in wages and benefits.

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

Region of Worker Residence	Inception Through September 30, 2022		
	Hours	Wages & Benefits	Worker Count
Outside	950,058	\$ 77,023,051	2,775
San Francisco	775,372	\$ 54,432,733	1,574
Service Territory	463,353	\$ 35,310,847	1,645
<b>Grand Total</b>	<b>2,188,783</b>	<b>\$ 166,766,631</b>	<b>5,897</b>

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

- Two SSIP contracts were awarded during the quarter:
  - WW-669 Oceanside Water Pollution Control Plant Building 011 Grit Classifier and Primary influent Slide gate System Improvements was awarded to Trinet Construction, Inc., for \$9,160,000.
  - WW-731 Various Locations Brick Sewer Improvements was awarded to Cratus, Inc., for \$10,542,103.
  
- 791 construction workers worked 154,268 hours and earned \$13.2 million in wages and benefits.
  
- 242 San Francisco residents worked 59,301 hours and earned \$4.4 million in wages and benefits.
  
- 199 SFPUC Service Territory residents worked 30,580 hours and earned \$2.7 million in wages and benefits.

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

Region of Worker Residence	Three Months Ending September 30, 2022		
	Hours	Wages & Benefits	Worker Count
Outside	64,386	\$ 6,159,538	351
San Francisco	59,301	\$ 4,382,996	242
Service Territory	30,580	\$ 2,674,961	199
<b>Grand Total</b>	<b>154,268</b>	<b>\$ 13,217,496</b>	<b>791</b>

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

SSIP Construction Contracts				
Inception through September 30, 2022				
Contract Number	Project	Award Date	Prime Contractor	Original Contract Award
WW-669	Oceanside Water Pollution Control Plant Building 011 Grit Classifier and Primary Influent Slide Gate System Improvements	9/13/2022	Trinet Construction, Inc.	\$ 9,160,000
WW-731	Various Locations Brick Sewer Improvements	8/23/2022	Cratus, Inc.	\$ 10,542,103
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	Marinship Development Interest, LLC	\$ 967,980
WW-696	Cargo Way Flush Line	2/25/2020	JMB Construction, Inc.	\$ 4,486,280
WW-687	Force Main Improvements at Embarcadero and Jackson	1/14/2020	Anvil Builders Inc.	\$ 5,986,222
WW-691	Sunset Boulevard Greenway -- Phase II Irving Street	7/23/2019	Minerca Construction, Inc	\$ 2,572,351
WW-665	SEP 042 Rehabilitation And Seismic Retrofit	6/25/2019	Western Water Constructors, Inc.	\$ 9,079,210
WW-683R	Sansome and Division Streets Combined Sewer Discharge Rehab	5/14/2019	Trinet Construction Inc	\$ 4,907,090
WW-682R	Southeast Community Center at 1550 Evans	1/22/2019	Charles Pankow Builders, Inc.	\$ 71,181,251
WW-627R	Baker Beach Green Streets	9/25/2018	Minerva Construction	\$ 7,122,000
WW-667	Mariposa Dry-Weather Pump Station	9/11/2018	Western Water Constructors, Inc.	\$ 17,031,000
WW-639	OSP Digester Gas Utilization Upgrades	8/28/2018	Monterey Mechanical	\$ 38,449,000
WW-674R	Geary Boulevard Sewer and Water Improvements	8/28/2018	JMB Construction, Inc.	\$ 16,246,547
WW-659	Greenhouse Demolition at 1150 Phelps Street/1800 Oakdale	2/27/2018	Azul Works, Inc.	\$ 1,638,000
WW-657R	Drumm & Jackson Streets Sewer Improvements	1/9/2018	Anvil Builders Inc.	\$ 5,240,900
WW-658	As-Needed Sewer Cleaning and Inspection of Large Sewers	8/8/2017	Pipe and Plant Solutions	\$ 2,694,000
WW-651	Griffith Pump Station Improvements	7/11/2017	Western Water Constructors, Inc.	\$ 10,941,000
WW-599R	SEP Cryogenic Oxygen Plant	6/13/2017	Cal State Constructors	\$ 6,547,000
WW-647R	SEP Biosolids Digester Facilities	5/9/2017	MWH Constructors/Webcor Builders JV	\$ 932,715,777
WW-610R	Visitacion 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
<b>43 Projects</b>				<b>\$ 1,699,968,435</b>

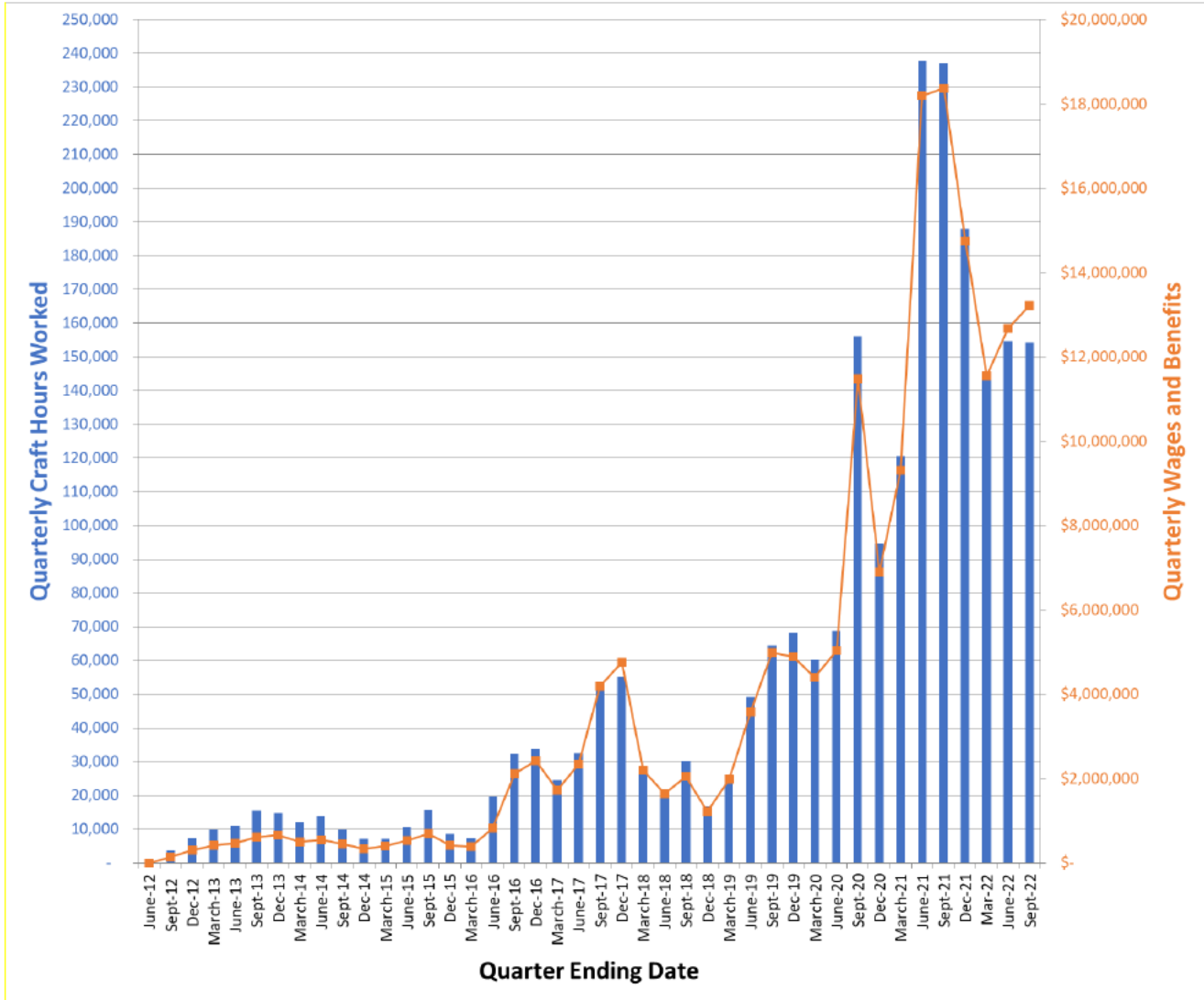
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## Summary Tables and Charts

### Craft Data

- During the quarter, construction workers worked 154,268 hours and earned \$13.2 million in wages and benefits.

**Chart 1. Craft Hours and Wages**



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- 2,188,783 total craft hours have been worked by 5,897 workers who earned \$166.8 million in wages and benefits.
- Laborers, Operating Engineers, Carpenters, Electricians, Iron Workers, and Painters worked 87.5% of all hours, with 1.9 million combined hours worked.

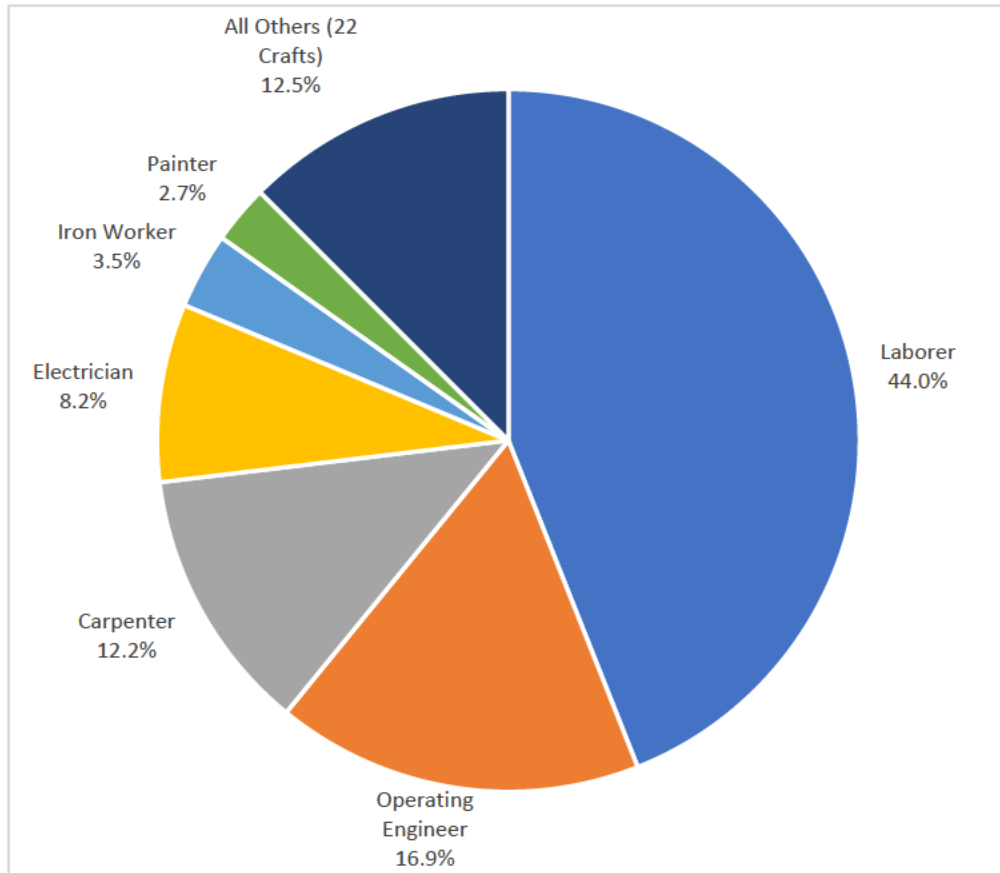
**Table 4. Craft Utilization Table**

<b>Cumulative Employment by Craft</b>				
<b>Inception Through September 30, 2022</b>				
Craft	Total Hours	Total Wages	% Craft Hours of Total Hours	% Wages of Total Wages
Laborer	963,285	\$ 57,923,320	44.0%	34.7%
Operating Engineer	370,679	\$ 32,682,819	16.9%	19.6%
Carpenter	266,787	\$ 22,657,805	12.2%	13.6%
Electrician	179,018	\$ 18,805,749	8.2%	11.3%
Iron Worker	77,322	\$ 5,580,170	3.5%	3.3%
Painter	58,276	\$ 4,129,803	2.7%	2.5%
<b>Top 6 Crafts Sub-Total</b>	<b>1,915,367</b>	<b>\$ 141,779,666</b>	<b>87.5%</b>	<b>85.0%</b>
Plumber	56,228	\$ 6,612,525	2.6%	4.0%
Cement Mason	44,123	\$ 3,162,209	2.0%	1.9%
Sheet Metal Worker	33,438	\$ 3,605,555	1.5%	2.2%
Field Surveyor	21,594	\$ 1,534,630	1.0%	0.9%
Pile Driver	20,740	\$ 2,186,481	0.9%	1.3%
Plasterer	11,349	\$ 868,115	0.5%	0.5%
Boilermaker	7,899	\$ 712,399	0.4%	0.4%
Roofer	4,884	\$ 326,977	0.2%	0.2%
Asbestos Worker	2,585	\$ 143,006	0.1%	0.1%
Building/Construction Inspector	2,249	\$ 184,777	0.1%	0.1%
Drywall Installer/Lather	1,471	\$ 104,593	0.1%	0.1%
Glazier	1,039	\$ 66,565	0.0%	0.0%
Electrical Utility Lineman	703	\$ 80,965	0.0%	0.0%
Bricklayer	474	\$ 27,948	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%
<b>Remaining Apprenticable Sub-Total</b>	<b>209,124</b>	<b>\$ 19,645,774</b>	<b>9.6%</b>	<b>11.8%</b>
Teamster	34,380	\$ 2,772,470	1.6%	1.7%
Driver	21,377	\$ 1,848,645	1.0%	1.1%
Tunnel Worker	8,274	\$ 592,422	0.4%	0.4%
Diver	261	\$ 127,655	0.0%	0.1%
<b>Total Non-Apprenticeable</b>	<b>64,292</b>	<b>\$ 5,341,191</b>	<b>2.9%</b>	<b>3.2%</b>
<b>Grand Total</b>	<b>2,188,783</b>	<b>\$ 166,766,631</b>	<b>100.0%</b>	<b>100.0%</b>



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**Chart 2. Craft Utilization Pie Chart**

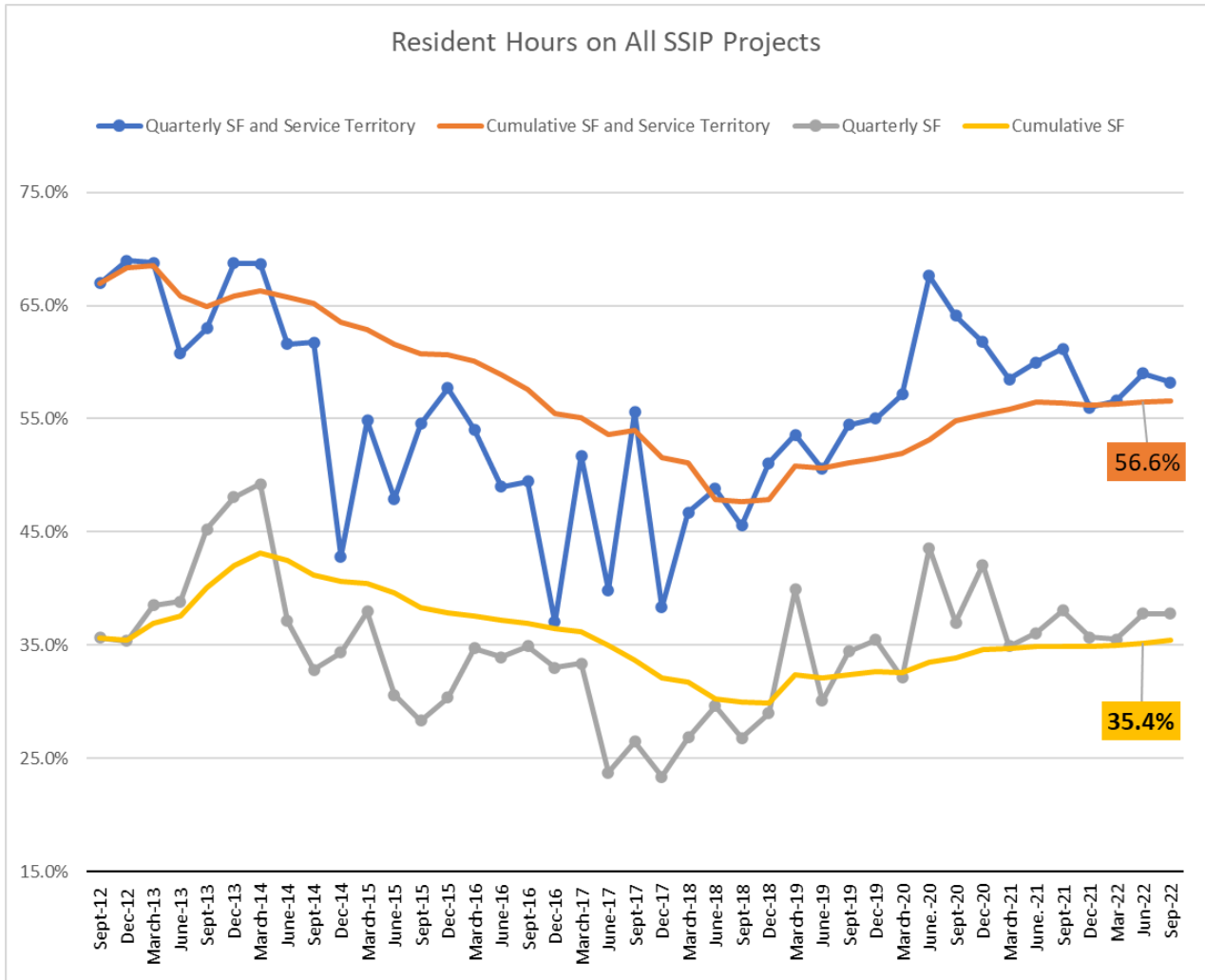


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**Worker Residence Data**

- Combined, San Francisco and SFPUC Regional Service Territory residents worked 56.6% of all construction craft hours on SSIP to date.
- San Francisco residents alone have worked 35.4% of all construction craft hours on SSIP to date.

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



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- When comparing the counties where workers are from, San Francisco’s 1,574 workers worked 35.4% of all the construction hours, as reported in the City’s online certified payroll reporting system, LCPtracker, Inc., and they have earned \$54.5 million in wages and benefits.

**Table 5. Worker Residence by County**

SSIP-PLA Employment by Top 20 Counties of Residence Inception Through September 30, 2022				
County	Total Craft Hours	Wages & Benefits	% Craft Hours	Worker Count (Not Unique*)
<b>San Francisco County</b>	<b>775,372</b>	<b>\$ 54,432,733</b>	<b>35.4%</b>	<b>1,574</b>
Contra Costa County	320,298	\$ 25,316,540	14.6%	905
Alameda County	246,307	\$ 17,904,804	11.3%	942
San Mateo County	158,777	\$ 12,424,009	7.3%	470
Solano County	126,138	\$ 10,568,214	5.8%	403
San Joaquin County	92,546	\$ 7,215,420	4.2%	325
Santa Clara County	62,532	\$ 4,553,874	2.9%	285
Sacramento County	46,885	\$ 3,953,580	2.1%	186
Sonoma County	39,896	\$ 2,989,073	1.8%	106
Stanislaus County	29,279	\$ 2,309,010	1.3%	130
Merced County	25,972	\$ 2,416,503	1.2%	36
Madera County	18,362	\$ 1,558,629	0.8%	18
Tulare County	14,831	\$ 874,187	0.7%	8
Riverside County	14,788	\$ 1,171,226	0.7%	42
Marin County	13,300	\$ 1,006,725	0.6%	36
Lake County	12,936	\$ 1,569,581	0.6%	11
Fresno County	12,270	\$ 852,058	0.6%	15
Los Angeles County	11,792	\$ 982,894	0.5%	34
Napa County	10,327	\$ 713,130	0.5%	44
Butte County	10,105	\$ 936,196	0.5%	24
<b>Top 20 CA Counties by Hrs.</b>	<b>2,042,713</b>	<b>\$ 153,748,388</b>	<b>93.3%</b>	<b>5594*</b>
All Other CA Counties	84,950	\$ 7,560,163	3.9%	286
Out of State	60,918	\$ 5,440,444	2.8%	130
<b>Grand Total</b>	<b>2,188,783</b>	<b>\$ 166,766,631</b>	<b>100.0%</b>	<b>5,897</b>

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

- San Francisco residents worked by 775,372 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 250,135 hours.
- Apprentices living in 94124 have worked more than a quarter (27.0%) of all San Francisco’s 169,000 apprentice hours.

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

Zip Code	Neighborhoods	A	J	Grand Total	Worker Count (Not Unique)
94124	Bayview Hunters Point	45,748	152,087	197,835	404
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	13,557	101,572	115,129	205
94110	Mission, Bernal Heights	16,969	63,549	80,518	185
94134	Visitacion Valley, Portola	11,631	40,670	52,301	124
94132	Lake Merced, Merced Heights, San Francisco State	8,304	34,881	43,185	64
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	17,702	17,821	35,523	45
94116	Sunset District, West Portal, Forest Hill	8,479	24,408	32,887	71
94122	Inner Sunset, Outer Sunset	10,014	20,382	30,395	75
94121	Outer Richmond	7,078	15,634	22,712	45
94102	Hayes Valley, Civic Center, Tenderloin	4,107	17,813	21,920	39
94103	SOMA	1,711	18,460	20,171	49
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA	3,867	13,182	17,048	27
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park	642	14,447	15,088	40
94107	SOMA, Dog Patch, Protrero Hill	4,594	9,541	14,135	53
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason	1,434	11,966	13,400	33
94114	Castro, Noe Valley	1,953	11,179	13,132	20
94118	Inner Richmond	1,105	11,941	13,045	27
94133	Chinatown, Telegraph Hill, North Beach, Fisherman's Wharf	2,381	9,194	11,575	19
94130	Treasure Island	3,654	6,180	9,834	17
94127	Balboa Terrace, St. Francis Wood, West Portal	1,995	1,690	3,685	14
94158	Mission Bay	48	2,815	2,863	3
94142	Tenderloin		1,937	1,937	2
94104	Financial District	607	1,094	1,701	3
94105	SOMA, Embarcadero	924	588	1,511	6
94108	Chinatown, Union Square	350	861	1,211	8
94188	P.O Box	232	963	1,195	10
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
<b>Grand Total</b>		<b>169,257</b>	<b>606,115</b>	<b>775,372</b>	<b>1,574</b>

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- Laborers living in San Francisco have worked more than half (52.1%) of San Francisco 775,372 total hours.
- San Francisco apprentice Laborers have worked nearly half (44.0%) of the 169,257 hours worked by San Francisco apprentices.

**Table 7. Worker Residence by Craft**

	Laborer	Operating Engineer	Carpenter	Electrician	Iron Worker	Painter	All Others (22 Crafts)	SSIP All Hours Grand Total
<b>Total Hours</b>	963,285	370,679	266,787	179,018	77,322	58,276	273,416	<b>2,188,783</b>
<b>Craft Total % of SSIP Total</b>	44.0%	16.9%	12.2%	8.2%	3.5%	2.7%	12.5%	
<b>SF Hours</b>	404,019	117,240	92,285	58,022	17,792	10,131	75,884	<b>775,372</b>
<b>SF Craft % of Total SF Hours</b>	52.1%	15.1%	11.9%	7.5%	2.3%	1.3%	9.8%	
<b>Regional Service Territory Hours</b>	192,272	92,056	35,304	34,396	27,457	8,299	73,570	<b>463,353</b>
<b>% Rgnl Serv Trt Hrs of Total Rgnl Srv Trt Hrs</b>	41.5%	19.9%	7.6%	7.4%	5.9%	1.8%	15.9%	
<b>Apprentice Workers</b>								
	Laborer	Carpenter	Electrician	Operating Engineer	Iron Worker	Painter	All Others (18 Crafts)	SSIP Apprentices Grand Total
<b>Total Hours</b>	92,303	55,706	30,032	24,071	17,246	13,333	44,740	<b>277,432</b>
<b>Craft Total % of SSIP Total</b>	33.3%	20.1%	10.8%	8.7%	6.2%	4.8%	16.1%	
<b>SF Hours</b>	74,493	24,835	20,730	20,529	7,033	3,849	17,788	<b>169,257</b>
<b>SF Craft % of Total SF Hours</b>	44.0%	14.7%	12.2%	12.1%	4.2%	2.3%	10.5%	
<b>Regional Service Territory Hours</b>	4,562	10,590	4,357	2,274	3,233	836	19,490	<b>45,341</b>
<b>% Rgnl Serv Trt Hrs of Total Rgnl Srv Trt Hrs</b>	10.1%	23.4%	9.6%	5.0%	7.1%	1.8%	43.0%	

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- The overall participation rate of San Francisco workers on SSIP projects is currently 35.4%.
- 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 89.2% 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	1,286	44,892	4,146	50,323	2.6%	89.2%	8.2%
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-685R - North Shore Pump Station Wet Weather Improvements	14,841	12,306	3,205	30,351	48.9%	40.5%	10.6%
WW-696 - Cargo Way Flush Line	4,207	4,632	2,721	11,560	36.4%	40.1%	23.5%
WW-687 - Force Main Rehabilitation at Embarcadero and Jackson	5,852	6,033	3,321	15,206	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-712 - New Montgomery, Jessie, Minna, and Mission Streets Brick Sewer Rehabilitation	6,444	4,642	676	11,762	54.8%	39.5%	5.7%
WW-483RR North Shore to Channel Force Main Improvement and Pavement Renovation	38,197	41,603	25,882	105,681	36.1%	39.4%	24.5%
WW-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	287,644	230,987	143,077	661,708	43.5%	34.9%	21.6%
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-647R - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	234,947	200,938	153,617	589,502	39.9%	34.1%	26.1%
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-639 - Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades	32,390	21,801	11,044	65,235	49.7%	33.4%	16.9%
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	10,708	7,920	5,761	24,388	43.9%	32.5%	23.6%
WW-667 Mariposa Dry-Weather Pump Station	20,898	11,925	4,101	36,924	56.6%	32.3%	11.1%
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	21,038	6,258	8,907	36,202	58.1%	17.3%	24.6%
WW-614R2 - North Point Outfall Rehabilitation	24,551	2,971	8,398	35,920	68.3%	8.3%	23.4%
WW-648 - Oceanside Water Pollution Control Plant Building 042 Primary Clarifier Improvements	158			158	100.0%	0.0%	0.0%
<b>Grand Total</b>	<b>950,058</b>	<b>775,372</b>	<b>463,353</b>	<b>2,188,783</b>	<b>43.4%</b>	<b>35.4%</b>	<b>21.2%</b>

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**Apprentice Data**

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

- On SSIP, 13.0% of all craft hours in apprenticeable trades have been worked by apprentices.
- Glaziers have utilized the most apprentices, with 66.5% of all hours being worked by apprentices.
- Apprentice Laborers have worked 9.6% of the Laborers’ approximately 913,000 total hours.

**Table 9. Apprentice Utilization by Craft**

Craft	Apprentice Hours	Journey Hours	Total Hours	Apprentice Percentage of Craft Total (Apprentice/Total)
Glazier	691	349	1,039	66.5%
Field Surveyor	9,474	12,120	21,594	43.9%
Metal Roofing Systems Installer	72	93	165	43.6%
Tile Finisher	8	24	32	25.0%
Sheet Metal Worker	8,161	25,276	33,438	24.4%
Roofer	1,189	3,695	4,884	24.3%
Painter	13,333	44,943	58,276	22.9%
Plumber	12,616	43,612	56,228	22.4%
Iron Worker	17,246	60,076	77,322	22.3%
Tile Setter	6	22	28	21.8%
Carpenter	55,706	211,081	266,787	20.9%
Cement Mason	8,010	36,114	44,123	18.2%
Electrician	30,032	148,985	179,018	16.8%
Asbestos Worker	401	2,184	2,585	15.5%
Pile Driver	2,885	17,856	20,740	13.9%
Building/Construction Inspector	268	1,982	2,249	11.9%
Laborer	92,303	870,981	963,285	9.6%
Drywall Installer/Lather	108	1,363	1,471	7.3%
Tunnel Worker	581	7,693	8,274	7.0%
Operating Engineer	24,071	346,608	370,679	6.5%
Electrical Utility Lineman	36	667	703	5.1%
Boilermaker	212	7,687	7,899	2.7%
Bricklayer	8	466	474	1.7%
Plasterer	16	11,333	11,349	0.1%
Sprinklerfitters		126	126	0.0%
<b>Apprenticeable Subtotal</b>	<b>277,432</b>	<b>1,855,333</b>	<b>2,132,765</b>	<b>13.0%</b>
Teamster		34,380	34,380	0.0%
Driver		21,377	21,377	0.0%
Diver		261	261	0.0%
<b>Grand Total</b>	<b>277,432</b>	<b>1,911,350</b>	<b>2,188,783</b>	<b>12.7%</b>

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- 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 14.5%, or 96,238 out of 661,708 total project hours.
- WW-647R Southeast Water Pollution Control Plant Biosolids Digester Facilities Project, with nearly 600,000 total hours worked, has an apprentice utilization rate of 9.0%.

**Table 10. Apprentice Utilization by Project**

Row Labels	A	J	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	9,618	55,617	65,235	14.7%
WW-657R - Drumm & Jackson Streets Sewer Improvements	2,190	12,753	14,943	14.7%
WW-628 - Southeast Water Pollution Control Plant New Headworks Facility	96,238	565,470	661,708	14.5%
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-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-711 - Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	6,525	43,798	50,323	13.0%
WW-662R - Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	3,070	21,318	24,388	12.6%
WW-667 Mariposa Dry-Weather Pump Station	4,001	32,923	36,924	10.8%
WW-712 - New Montgomery, Jessie, Minna, and Mission Streets Brick Sewer Rehabilitation	1,235	10,527	11,762	10.5%
WW-645R - Westside Pump Station Reliability Improvements	3,575	32,627	36,202	9.9%
WW-685R - North Shore Pump Station Wet Weather Improvements	2,880	27,472	30,351	9.5%
WW-647R - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	53,117	536,385	589,502	9.0%
WW-614R2 - North Point Outfall Rehabilitation	2,750	33,170	35,920	7.7%
WW-610R - Visitation 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	15,014	15,206	1.3%
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	14	4,009	4,023	0.3%
WW-648 - Oceanside Water Pollution Control Plant Building 042 Primary Clarifier Improvements		158	158	0.0%
WW-671(I) Fillmore and Haight Street Intersection, AWSS, Pavement, and Sewer Replacement		2,497	2,497	0.0%
<b>Grand Total</b>	<b>277,432</b>	<b>1,911,350</b>	<b>2,188,783</b>	<b>12.7%</b>



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## 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.

- 3,005 pre-employment tests have been administered on SSIP, with a total non-negative screening rate of **1.53%**.
- During the quarter, 225 pre-employment substance abuse screenings were administered, and 3 individuals were prevented from working as the result of a non-negative test.

Table 11. Workers’ Pre-Employment Clearance Data

<b>SSIP - Covered by PLA Substance Abuse Testing Summary</b>	
Tests Administered to Individuals Cleared to Work Through 09/30/2022	
Project	Number Cleared
WW647R - SEP Biosolids Digester Facilities Project	1,413
WW682R - Southeast Community Center at 1550 Evans	876
WW628 - SEP New Headworks Facility	317
WW614R2 - North Point Outfall Rehabilitation	116
WW645R - Westside Pump Station Reliability Improvements	53
WW711 - Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	52
WW627R - Baker Beach Green Streets	27
WW570 - OSP and Westside Pump Station HVAC Upgrades	23
WW657R - Drumm & Jackson Streets Sewer Improvements	15
WW658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	11
WW667 - Mariposa Dry Weather Pump Station	10
WW639 - OSP Digester Gas Utilization Upgrades	8
WW665 - SEP 042 Rehabilitation and Seismic Retrofit	8
WW606R2 - OSP Door and Building 930 Exterior and Awning Improvements	7
WW651 - Griffith Pump Station Improvements	5
WW687 - Force Main Improvements at Embarcadero and Jackson	4
WW610R - Visitacion Valley Green Nodes	3
WW632 - Southeast Water Pollution Control Plant Existing Digester Gas Handling Improvement	3
WW648 - OSP Building 042 Primary Clarifier Improvements	3
WW662R - SEP Power Feed and Primary Switchgear Upgrades	3
WW599R - SEP Cryogenic Oxygen Plant Demolition and Liquid Oxygen System Upgrades	2
<b>Total Cleared</b>	<b>2,959</b>

## 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.





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

**October 1, 2022, through December 31, 2022  
(Second Quarter FY 2022-2023)**

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

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## Definitions

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

## Executive Summary

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

- Forty-five (45) construction contracts, with a combined value of \$1.7 billion, have been awarded.
- 2,359,070 total craft hours have been worked by 6,203 workers who earned \$181,870,024 million in wages and benefits.
- 1,649 San Francisco residents worked 844,660 hours (35.8%) and earned \$59.8 million in wages and benefits, exceeding the City’s Local Hiring requirement (20% to 30% on SSIP projects).
- 1,736 residents of the SFPUC’s Regional Service Territory worked 497,201 hours (21.1%) and earned over \$38.3 million in wages and benefits.

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

Region of Worker Residence	Inception Through December 31, 2022		
	Hours	Wages & Benefits	Worker Count
Outside	1,017,209	\$ 83,742,614	2,916
San Francisco	844,660	\$ 59,791,393	1,649
Service Territory	497,201	\$ 38,336,018	1,736
<b>Grand Total</b>	<b>2,359,070</b>	<b>\$181,870,024</b>	<b>6,203</b>



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

- Two SSIP contracts were awarded during the quarter:
  - WW-724 Panhandle and Inner Sunset Large Sewer Rehabilitation project was awarded to D'Arcy & Harty Construction, Inc., for \$9.9 million.
  - WW-723R Channel Force Main Intertie was awarded to Anvil Builders, Inc., for \$15.8 million.
  
- 971 construction workers worked 172,784 hours and earned \$15.3 million in wages and benefits.
  
- 313 San Francisco residents worked 69,955 hours and earned \$5.4 million in wages and benefits.
  
- 246 SFPUC Service Territory residents worked 34,099 hours and earned \$3.0 million in wages and benefits.

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

Region of Worker Residence	Three Months Ending December 31, 2022		
	Hours	Wages & Benefits	Worker Count
Outside	68,730	\$ 6,834,632	413
San Francisco	69,955	\$ 5,395,537	313
Service Territory	34,099	\$ 3,041,712	246
<b>Grand Total</b>	<b>172,784</b>	<b>\$ 15,271,881</b>	<b>971</b>

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

SSIP Construction Contracts				
Inception through December 31, 2022				
Contract Number	Project	Award Date	Prime Contractor	Original Contract Award
WW-723R	Channel Force Main Intertie	12/13/2022	Anvil Builders, Inc.	\$ 15,796,272
WW-724	Panhandle and Inner Sunset Large Sewer Rehabilitation	12/13/2022	D'Arcy & Harty Construction, Inc.	\$ 9,937,355
WW-669	Oceanside Water Pollution Control Plant Building 011 Grit Classifier and Primary Influent Slide Gate System Improvements	9/13/2022	Trinet Construction, Inc.	\$ 9,160,000
WW-731	Various Locations Brick Sewer Improvements	8/23/2022	Cratus, Inc.	\$ 10,542,103
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	Marinship Development Interest, LLC	\$ 967,980
WW-696	Cargo Way Flush Line	2/25/2020	JMB Construction, Inc.	\$ 4,486,280
WW-687	Force Main Improvements at Embarcadero and Jackson	1/14/2020	Anvil Builders Inc.	\$ 5,986,222
WW-691	Sunset Boulevard Greenway -- Phase II Irving Street	7/23/2019	Minerca Construction, Inc	\$ 2,572,351
WW-665	SEP 042 Rehabilitation And Seismic Retrofit	6/25/2019	Western Water Constructors, Inc.	\$ 9,079,210
WW-683R	Sansome and Division Streets Combined Sewer Discharge Rehab	5/14/2019	Trinet Construction Inc	\$ 4,907,090
WW-682R	Southeast Community Center at 1550 Evans	1/22/2019	Charles Pankow Builders, Inc.	\$ 71,181,251
WW-627R	Baker Beach Green Streets	9/25/2018	Minerva Construction	\$ 7,122,000
WW-667	Mariposa Dry-Weather Pump Station	9/11/2018	Western Water Constructors, Inc.	\$ 17,031,000
WW-639	OSP Digester Gas Utilization Upgrades	8/28/2018	Monterey Mechanical	\$ 38,449,000
WW-674R	Geary Boulevard Sewer and Water Improvements	8/28/2018	JMB Construction, Inc.	\$ 16,246,547
WW-659	Greenhouse Demolition at 1150 Phelps Street/1800 Oakdale Avenue	2/27/2018	Azul Works, Inc.	\$ 1,638,000
WW-657R	Drumm & Jackson Streets Sewer Improvements	1/9/2018	Anvil Builders Inc.	\$ 5,240,900
WW-658	As-Needed Sewer Cleaning and Inspection of Large Sewers	8/8/2017	Pipe and Plant Solutions	\$ 2,694,000
WW-651	Griffith Pump Station Improvements	7/11/2017	Western Water Constructors, Inc.	\$ 10,941,000
WW-599R	SEP Cryogenic Oxygen Plant	6/13/2017	Cal State Constructors	\$ 6,547,000
WW-647R	SEP Biosolids Digester Facilities	5/9/2017	MWH Constructors/Webcor Builders JV	\$ 932,715,777
WW-610R	Visitacion 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	MSquared 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
<b>45 Projects</b>				<b>\$ 1,725,702,062</b>

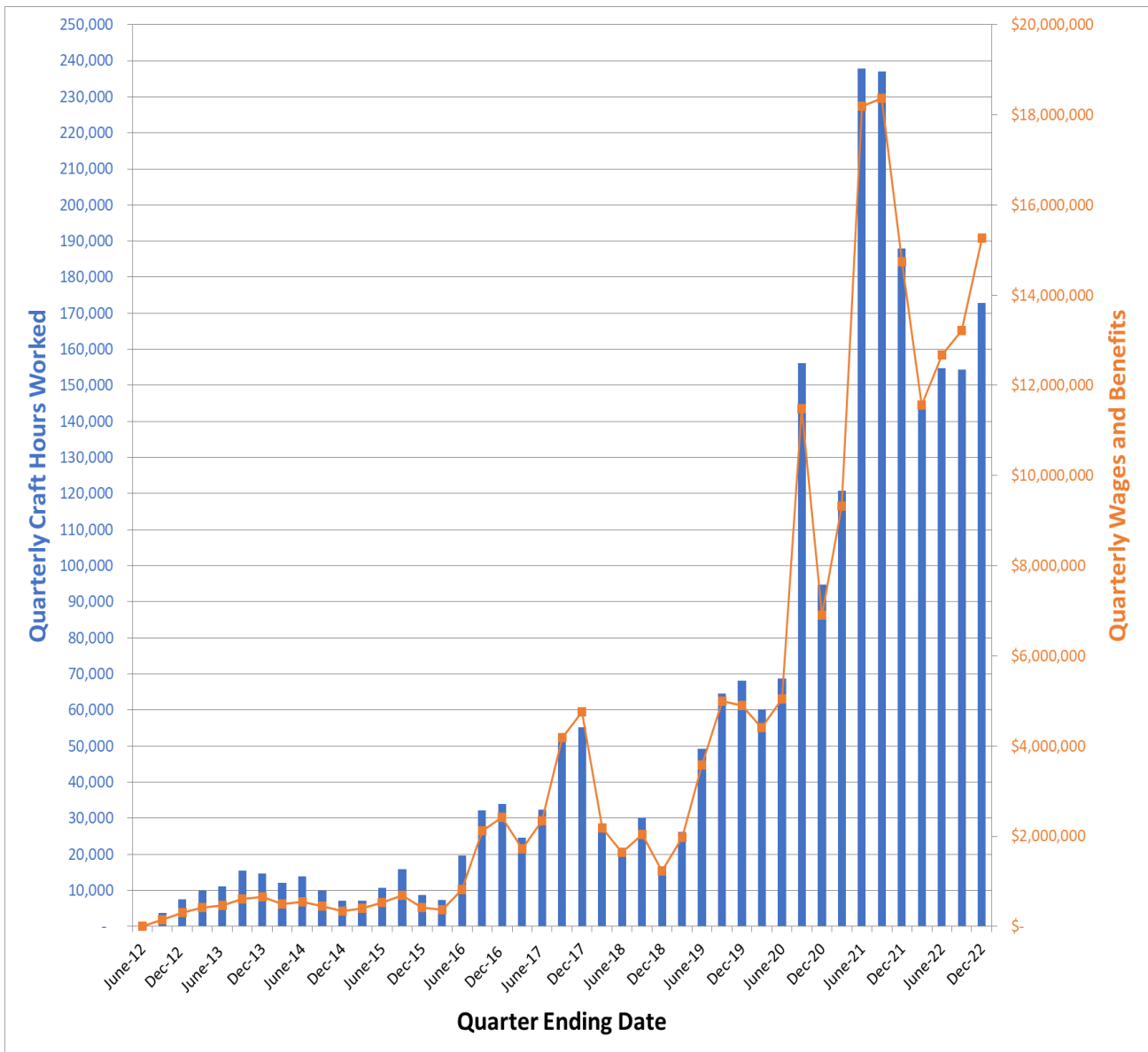
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## Summary Tables and Charts

### Craft Data

- During the quarter, construction workers worked 172,784 hours and earned \$15.3 million in wages and benefits.

**Chart 1. Craft Hours and Wages**



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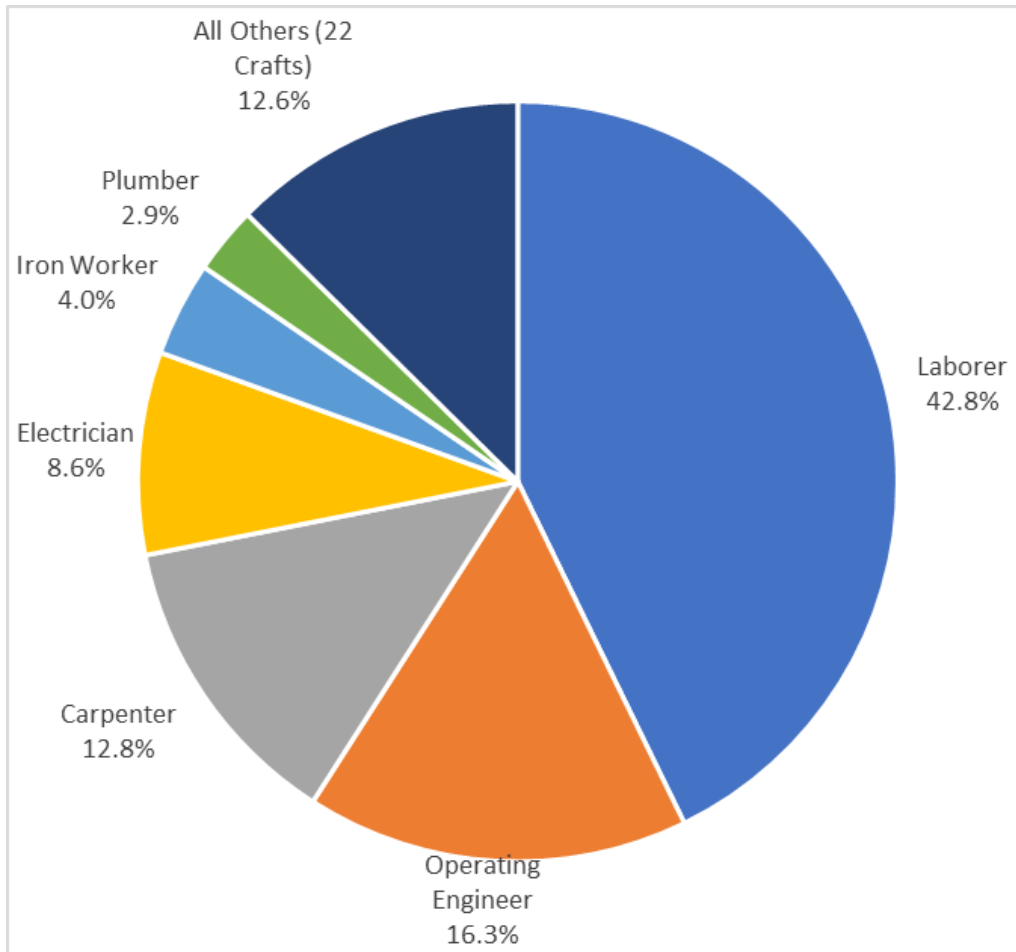
- 2,359,070 total craft hours have been worked by 6,203 workers who earned \$181.9 million in wages and benefits.
- Laborers, Operating Engineers, Carpenters, Electricians, Iron Workers, and Plumbers worked 87.4% of all hours, with 2.0 million combined hours worked.

**Table 4. Craft Utilization Table**

<b>Cumulative Employment by Craft</b>				
<b>Inception Through December 31, 2022</b>				
Craft	Total Hours	Total Wages	% Craft Hours of Total Hours	% Wages of Total Wages
Laborer	1,008,944	\$ 60,854,283	42.8%	33.5%
Operating Engineer	384,251	\$ 34,009,124	16.3%	18.7%
Carpenter	302,435	\$ 25,971,026	12.8%	14.3%
Electrician	203,288	\$ 21,738,716	8.6%	12.0%
Iron Worker	95,063	\$ 6,912,250	4.0%	3.8%
Plumber	67,412	\$ 8,084,022	2.9%	4.4%
<b>Top 6 Crafts Sub-Total</b>	<b>2,061,392</b>	<b>\$ 157,569,421</b>	<b>87.4%</b>	<b>86.6%</b>
Painter	59,825	\$ 4,239,535	2.5%	2.3%
Cement Mason	54,241	\$ 3,971,162	2.3%	2.2%
Sheet Metal Worker	38,506	\$ 4,110,873	1.6%	2.3%
Field Surveyor	21,986	\$ 1,566,084	0.9%	0.9%
Pile Driver	20,766	\$ 2,188,659	0.9%	1.2%
Plasterer	11,349	\$ 868,115	0.5%	0.5%
Roofer	8,879	\$ 587,022	0.4%	0.3%
Tunnel Worker	8,274	\$ 592,422	0.4%	0.3%
Boilermaker	7,899	\$ 712,399	0.3%	0.4%
Asbestos Worker	2,597	\$ 144,322	0.1%	0.1%
Building/Construction Inspector	2,269	\$ 186,144	0.1%	0.1%
Drywall Installer/Lather	1,471	\$ 104,593	0.1%	0.1%
Glazier	1,039	\$ 66,565	0.0%	0.0%
Electrical Utility Lineman	743	\$ 85,758	0.0%	0.0%
Bricklayer	488	\$ 29,262	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%
<b>Remaining Apprenticeable Sub-Total</b>	<b>240,681</b>	<b>\$ 19,481,945</b>	<b>10.2%</b>	<b>10.7%</b>
Teamster	34,501	\$ 2,781,180	1.5%	1.5%
Driver	22,235	\$ 1,909,823	0.9%	1.1%
Diver	261	\$ 127,655	0.0%	0.1%
<b>Total Non-Apprenticeable</b>	<b>56,997</b>	<b>\$ 4,818,658</b>	<b>2.4%</b>	<b>2.6%</b>
<b>Grand Total</b>	<b>2,359,070</b>	<b>\$ 181,870,024</b>	<b>100.0%</b>	<b>100.0%</b>

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**Chart 2. Craft Utilization Pie Chart**

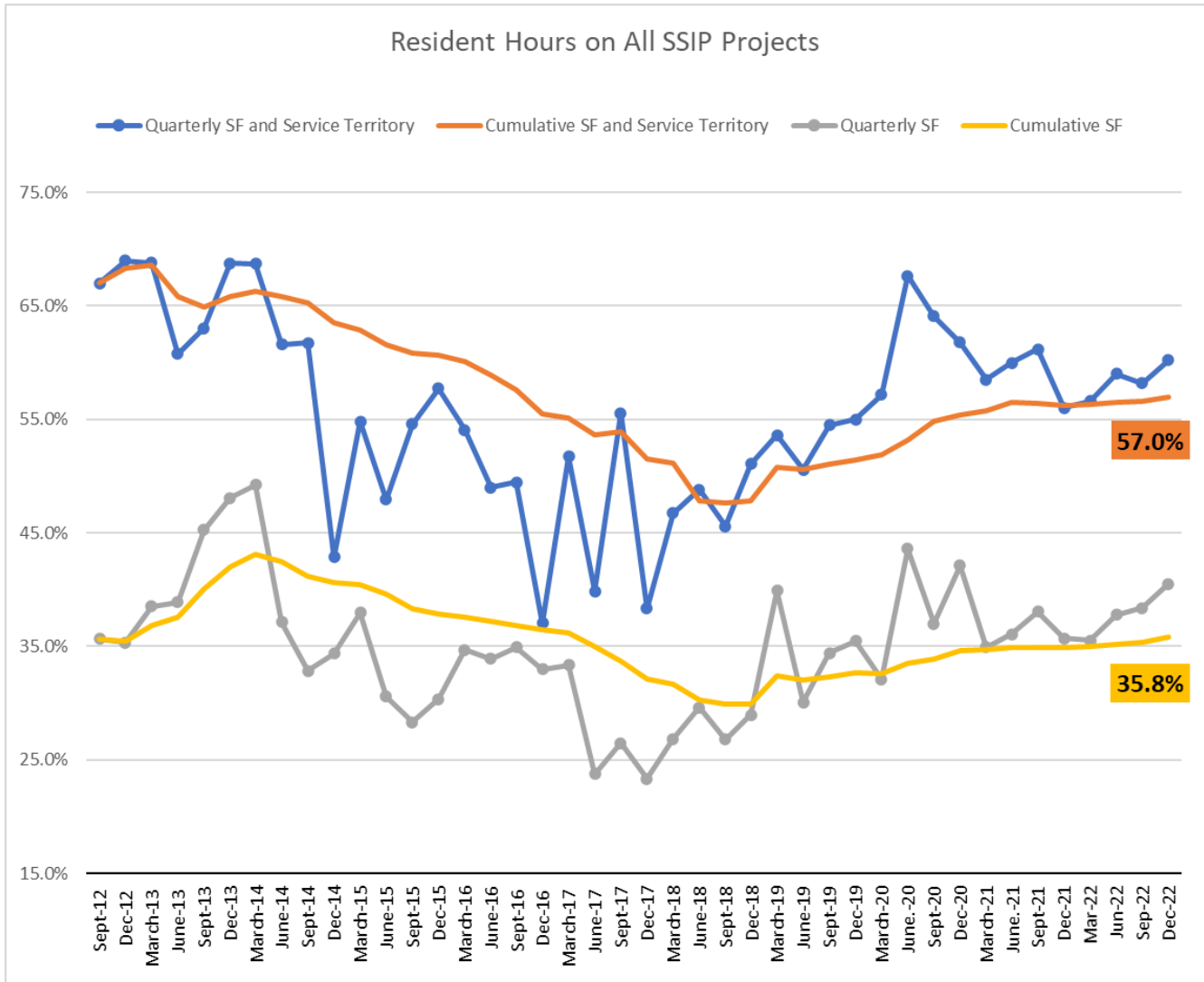


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**Worker Residence Data**

- Combined, San Francisco and SFPUC Regional Service Territory residents worked 57.0% of all construction craft hours on SSIP to date.
- San Francisco residents alone have worked 35.8% of all construction craft hours on SSIP to date.

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



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- When comparing the counties where workers are from, San Francisco's 1,649 workers worked 35.8% of all the construction hours, as reported in the City's online certified payroll reporting system, LCPtracker, Inc., and they have earned \$59.8 million in wages and benefits.

**Table 5. Worker Residence by County**

<b>SSIP-PLA Employment by Top 20 Counties of Residence Inception Through December 31, 2022</b>				
<b>County</b>	<b>Total Craft Hours</b>	<b>Wages &amp; Benefits</b>	<b>% Craft Hours</b>	<b>Worker Count (Not Unique*)</b>
<b>San Francisco County</b>	<b>844,660</b>	<b>\$ 59,791,393</b>	<b>35.8%</b>	<b>1,649</b>
Contra Costa County	343,683	\$ 27,678,548	14.6%	958
Alameda County	257,316	\$ 18,789,624	10.9%	988
San Mateo County	174,405	\$ 13,932,409	7.4%	496
Solano County	134,311	\$ 11,409,535	5.7%	423
San Joaquin County	99,287	\$ 7,806,513	4.2%	341
Santa Clara County	68,551	\$ 5,048,932	2.9%	315
Sacramento County	49,465	\$ 4,164,934	2.1%	193
Sonoma County	43,440	\$ 3,349,916	1.8%	114
Stanislaus County	30,889	\$ 2,462,547	1.3%	133
Merced County	27,077	\$ 2,536,300	1.1%	36
Madera County	19,528	\$ 1,694,589	0.8%	19
Riverside County	15,879	\$ 1,283,888	0.7%	42
Marin County	15,705	\$ 1,291,951	0.7%	40
Tulare County	14,834	\$ 874,391	0.6%	9
Lake County	14,156	\$ 1,729,038	0.6%	11
Los Angeles County	13,167	\$ 1,110,858	0.6%	36
Fresno County	12,314	\$ 854,116	0.5%	17
Butte County	11,733	\$ 1,103,575	0.5%	24
Napa County	11,324	\$ 804,116	0.5%	46
<b>Top 20 CA Counties by Hrs.</b>	<b>2,201,722</b>	<b>\$ 167,717,174</b>	<b>93.3%</b>	<b>5,890</b>
All Other CA Counties	93,704	\$ 8,433,281	4.0%	187
Out of State	63,644	\$ 5,719,570	2.7%	130
<b>Grand Total</b>	<b>2,359,070</b>	<b>\$ 181,870,024</b>	<b>100.0%</b>	<b>6,203</b>

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

- San Francisco residents worked by 844,660 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 274,735 hours.
- Apprentices living in 94124 have worked more than a quarter (27.7%) of all San Francisco's 190,400 apprentice hours.

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

Zip Code	Neighborhoods	A	J	Grand Total	Worker Count (Not Unique)
94124	Bayview Hunters Point	52,732	164,794	217,526	432
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	17,342	107,788	125,130	215
94110	Mission, Bernal Heights	17,717	66,930	84,647	192
94134	Visitacion Valley, Portola	14,246	42,963	57,209	135
94132	Lake Merced, Merced Heights, San Francisco State	8,983	38,246	47,229	64
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	18,415	19,804	38,219	46
94116	Sunset District, West Portal, Forest Hill	9,804	25,717	35,521	73
94122	Inner Sunset, Outer Sunset	11,931	22,317	34,248	80
94102	Hayes Valley, Civic Center, Tenderloin	4,179	19,838	24,017	40
94121	Outer Richmond	7,104	16,186	23,290	44
94103	SOMA	2,069	20,289	22,358	53
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA	4,193	14,212	18,405	27
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park	642	16,609	17,251	40
94114	Castro, Noe Valley	1,953	13,523	15,476	21
94107	SOMA, Dog Patch, Protrero Hill	4,633	10,416	15,049	52
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason	1,893	12,979	14,871	35
94118	Inner Richmond	1,107	11,969	13,075	30
94133	Chinatown, Telegraph Hill, North Beach, Fisherman's Wharf	2,381	9,885	12,266	19
94130	Treasure Island	4,168	6,964	11,132	17
94127	Balboa Terrace, St. Francis Wood, West Portal	2,392	1,733	4,125	15
94158	Mission Bay	48	3,135	3,183	3
94104	Financial District	607	1,454	2,061	3
94142	Tenderloin		1,937	1,937	2
94105	SOMA, Embarcadero	924	597	1,520	6
94108	Chinatown, Union Square	606	861	1,467	9
94123	Marina, Cow Hollow		1,426	1,426	8
94188	P.O Box	232	1,024	1,256	11
94120	SOMA	176	291	467	3
94119	P.O Box		156	156	1
94140	P.O Box		147	147	1
<b>Grand Total</b>		<b>190,473</b>	<b>654,187</b>	<b>844,660</b>	<b>1,649</b>



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- Laborers living in San Francisco have worked more than half (51.1%) of San Francisco 844,660 total hours.
- San Francisco apprentice Laborers have worked nearly half (41.6%) of the 190,473 hours worked by San Francisco apprentices.

**Table 7. Worker Residence by Craft**

	Laborer	Operating Engineer	Carpenter	Electrician	Iron Worker	Painter	All Others (22 Crafts)	SSIP All Hours Grand Total
<b>Total Hours</b>	1,008,944	384,251	302,435	203,288	95,063	67,412	297,678	<b>2,359,070</b>
<b>Craft Total % of SSIP Total</b>	42.8%	16.3%	12.8%	8.6%	4.0%	2.9%	12.6%	
<b>SF Hours</b>	431,277	121,146	108,152	65,202	23,519	23,617	71,748	<b>844,660</b>
<b>SF Craft % of Total SF Hours</b>	51.1%	14.3%	12.8%	7.7%	2.8%	2.8%	8.5%	
<b>Regional Service Territory Hours</b>	198,977	93,308	40,131	40,898	32,712	10,710	80,465	<b>497,201</b>
<b>% Rgnl Serv Trt Hrs of Total Rgnl Srv Trt Hrs</b>	40.0%	18.8%	8.1%	8.2%	6.6%	2.2%	16.2%	
	Laborer	Carpenter	Electrician	Operating Engineer	Iron Worker	Plumber	All Others (18 Crafts)	SSIP Apprentices Grand Total
<b>Total Hours</b>	97,760	63,275	35,007	24,210	22,705	15,398	51,262	<b>309,616</b>
<b>Craft Total % of SSIP Total</b>	31.6%	20.4%	11.3%	7.8%	7.3%	5.0%	16.6%	
<b>SF Hours</b>	79,245	30,268	23,503	20,643	10,795	10,238	15,781	<b>190,473</b>
<b>SF Craft % of Total SF Hours</b>	41.6%	15.9%	12.3%	10.8%	5.7%	5.4%	8.3%	
<b>Regional Service Territory Hours</b>	4,717	11,644	5,573	2,274	4,615	2,816	20544	<b>52,182</b>
<b>% Rgnl Serv Trt Hrs of Total Rgnl Srv Trt Hrs</b>	9.0%	22.3%	10.7%	4.4%	8.8%	5.4%	39.4%	

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- The overall participation rate of San Francisco workers on SSIP projects is currently 35.8%.
- 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 90.8% 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	1,286	53,355	4,146	58,786	2.2%	90.8%	7.1%
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-685R - North Shore Pump Station Wet Weather Improvements	17,813	15,123	4,085	37,020	48.1%	40.8%	11.0%
WW-696 - Cargo Way Flush Line	4,207	4,632	2,721	11,560	36.4%	40.1%	23.5%
WW-687 - Force Main Rehabilitation at Embarcadero and Jackson	5,852	6,033	3,321	15,206	38.5%	39.7%	21.8%
WW-712 - New Montgomery, Jessie, Minna, and Mission Streets Brick Sewer Rehabilitation	6,508	4,716	684	11,908	54.7%	39.6%	5.7%
WW-556 Southeast Water Pollution Control Plant Chemical System Relocation and Facility Upgrades	21,053	15,536	2,724	39,313	53.6%	39.5%	6.9%
WW-483RR North Shore to Channel Force Main Improvement and Pavement Renovation	38,197	41,603	25,882	105,681	36.1%	39.4%	24.5%
WW-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	319,165	259,611	163,125	741,902	43.0%	35.0%	22.0%
WW-647R - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	263,134	227,999	163,909	655,042	40.2%	34.8%	25.0%
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-665 - Southeast Water Pollution Control Plant O42 Rehabilitation and Seismic Retrofit	14,167	9,691	5,012	28,871	49.1%	33.6%	17.4%
WW-639 - Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades	33,653	23,203	12,345	69,201	48.6%	33.5%	17.8%
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	11,394	8,656	6,317	26,366	43.2%	32.8%	24.0%
WW-667 Mariposa Dry-Weather Pump Station	20,949	12,014	4,309	37,272	56.2%	32.2%	11.6%
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	24,638	7,118	9,712	41,467	59.4%	17.2%	23.4%
WW-648 - Oceanside Water Pollution Control Plant Building 042 Primary Clarifier Improvements	341	32		373	91.4%	8.6%	0.0%
WW-614R2 - North Point Outfall Rehabilitation	24,551	2,971	8,398	35,920	68.3%	8.3%	23.4%
<b>Grand Total</b>	<b>1,017,209</b>	<b>844,660</b>	<b>497,201</b>	<b>2,359,070</b>	<b>43.1%</b>	<b>35.8%</b>	<b>21.1%</b>

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**Apprentice Data**

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

- On SSIP, 13.4% of all craft hours in apprenticeable trades have been worked by apprentices.
- Glaziers have utilized the most apprentices, with 66.5% of all hours being worked by apprentices.
- Apprentice Laborers have worked 9.7% of the Laborers’ approximately 1 million total hours.

**Table 9. Apprentice Utilization by Craft**

Craft	Apprentice Hours	Journey Hours	Total Hours	Apprentice Percentage of Craft Total (Apprentice/Total)
Glazier	691	349	1,039	66.5%
Field Surveyor	9,645	12,341	21,986	43.9%
Metal Roofing Systems Installer	72	93	165	43.6%
Roofer	2,561	6,319	8,879	28.8%
Sheet Metal Worker	10,052	28,454	38,506	26.1%
Tile Finisher	8	24	32	25.0%
Iron Worker	22,705	72,357	95,063	23.9%
Painter	13,669	46,156	59,825	22.8%
Plumber	15,398	52,014	67,412	22.8%
Tile Setter	6	22	28	21.8%
Carpenter	63,275	239,160	302,435	20.9%
Cement Mason	10,027	44,215	54,241	18.5%
Electrician	35,007	168,281	203,288	17.2%
Asbestos Worker	405	2,192	2,597	15.6%
Pile Driver	2,896	17,871	20,766	13.9%
Building/Construction Inspector	272	1,998	2,269	12.0%
Laborer	97,760	911,185	1,008,944	9.7%
Drywall Installer/Lather	108	1,363	1,471	7.3%
Tunnel Worker	581	7,693	8,274	7.0%
Operating Engineer	24,210	360,041	384,251	6.3%
Electrical Utility Lineman	36	707	743	4.8%
Boilermaker	212	7,687	7,899	2.7%
Bricklayer	8	480	488	1.6%
Plasterer	16	11,333	11,349	0.1%
Sprinklerfitters		126	126	0.0%
<b>Apprenticeable Subtotal</b>	<b>309,616</b>	<b>1,992,457</b>	<b>2,302,073</b>	<b>13.4%</b>
Teamster		34,501	34,501	0.0%
Driver		22,235	22,235	0.0%
Diver		261	261	0.0%
<b>Grand Total</b>	<b>309,616</b>	<b>2,049,454</b>	<b>2,359,070</b>	<b>13.1%</b>

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- 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 15.4%, or 114,000 out of 740,000 total project hours.
- WW-647R Southeast Water Pollution Control Plant Biosolids Digester Facilities Project, with 655,000 total hours worked, has an apprentice utilization rate of 9.7%.

**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-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-628 - Southeast Water Pollution Control Plant New Headworks Facility	113,902	628,000	741,902	15.4%
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-639 - Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades	9,968	59,233	69,201	14.4%
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-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-711 - Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	7,586	51,200	58,786	12.9%
WW-662R - Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	3,275	23,092	26,366	12.4%
WW-645R - Westside Pump Station Reliability Improvements	4,645	36,822	41,467	11.2%
WW-685R - North Shore Pump Station Wet Weather Improvements	4,077	32,944	37,020	11.0%
WW-667 Mariposa Dry-Weather Pump Station	4,039	33,233	37,272	10.8%
WW-712 - New Montgomery, Jessie, Minna, and Mission Streets Brick Sewer Rehabilitation	1,259	10,649	11,908	10.6%
WW-647R - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	63,660	591,382	655,042	9.7%
WW-648 - Oceanside Water Pollution Control Plant Building 042 Primary Clarifier Improvements	32	341	373	8.6%
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	15,014	15,206	1.3%
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	14	4,009	4,023	0.3%
<b>Grand Total</b>	<b>309,616</b>	<b>2,049,454</b>	<b>2,359,070</b>	<b>13.1%</b>

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## 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.

- 3,202 pre-employment tests have been administered on SSIP, with a total non-negative screening rate of **1.42%**.
- During the quarter, 243 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

<b>SSIP - Covered by PLA Substance Abuse Testing Summary</b>	
Tests Administered to Individuals Cleared to Work Through 12/31/2022	
Project	Number Cleared
WW-647R - SEP Biosolids Digester Facilities Project	1,567
WW-682R - Southeast Community Center at 1550 Evans	887
WW-628 - SEP New Headworks Facility	384
WW-614R2 - North Point Outfall Rehabilitation	119
WW-645R - Westside Pump Station Reliability Improvements	53
WW-711 - Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	53
WW-627R - Baker Beach Green Streets	27
WW-570 - OSP and Westside Pump Station HVAC Upgrades	23
WW-657R - Drumm & Jackson Streets Sewer Improvements	17
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	11
WW-639 - OSP Digester Gas Utilization Upgrades	10
WW-667 - Mariposa Dry Weather Pump Station	10
WW-665 - SEP 042 Rehabilitation and Seismic Retrofit	8
WW-606R2 - OSP Door and Building 930 Exterior and Awning Improvements	7
WW-648 - OSP Building 042 Primary Clarifier Improvements	6
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-662R - SEP Power Feed and Primary Switchgear Upgrades	3
WW-599R - SEP Cryogenic Oxygen Plant Demolition and Liquid Oxygen System Upgrades	2
<b>Total Cleared</b>	<b>3,202</b>

## 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**

**January 1, 2023, through March 31, 2023  
(Third Quarter FY 2022-2023)**

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

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## Definitions

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

## Executive Summary

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

- Forty-Six (46) construction contracts with a combined value of \$1.7 billion have been awarded.
- 2,531,869 total craft hours have been worked by 6,482 workers who earned \$197.4 million in wages and benefits.
- 1,700 San Francisco residents worked 902,229 hours (35.6%) and earned \$64.3 million in wages and benefits, exceeding the City’s Local Hiring requirement (20% to 30% on SSIP projects).
- 1,837 residents of the SFPUC’s Regional Service Territory worked 536,766 hours (21.2%) and earned \$41.9 million in wages and benefits.

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

Region of Worker Residence	Inception Through March 31, 2023		
	Hours	Wages & Benefits	Worker Count
Outside	1,092,874	\$ 91,107,696	3,061
San Francisco	902,229	\$ 64,331,029	1,700
Service Territory	536,766	\$ 41,945,891	1,837
<b>Grand Total</b>	<b>2,531,869</b>	<b>\$197,384,616</b>	<b>6,482</b>

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

- One SSIP contract was awarded during the quarter:
  - WW-737 Baker St. Combined Sewer Discharge Baffle Improvements & Backflow Valve Repair was awarded to Trinet Construction, Inc. in the amount of \$566,000, on January 10, 2023.
- 1,091 construction workers worked 172,799 hours and earned \$15.5 million in wages and benefits.
- 290 San Francisco residents worked 57,569 hours and earned \$4.5 million in wages and benefits.
- 319 SFPUC Service Territory residents worked 39,565 hours and earned \$3.6 million in wages and benefits.

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

Region of Worker Residence	Three Months Ending March 31, 2023		
	Hours	Wages & Benefits	Worker Count
Outside	75,666	\$ 7,365,083	482
San Francisco	57,569	\$ 4,539,636	290
Service Territory	39,565	\$ 3,609,873	319
<b>Grand Total</b>	<b>172,799</b>	<b>\$ 15,514,591</b>	<b>1,091</b>

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

SSIP Construction Contracts				
Inception through March 31, 2023				
Contract Number	Project	Award Date	Prime Contractor	Original Contract Award
WW-737	Baker St. Combined Sewer Discharge Baffle Improvements & Backflow Valve Repair	1/10/2023	Trinet Construction, Inc.	\$ 566,000
WW-723R	Channel Force Main Intertie	12/13/2022	Anvil Builders, Inc.	\$ 15,796,272
WW-724	Panhandle and Inner Sunset Large Sewer Rehabilitation	12/13/2022	D'Arcy & Harty Construction, Inc.	\$ 9,937,355
WW-669	Oceanside Water Pollution Control Plant Building 011 Grit Classifier and Primary Influent Slide Gate System Improvements	9/13/2022	Trinet Construction, Inc.	\$ 9,160,000
WW-731	Various Locations Brick Sewer Improvements	8/23/2022	Cratus, Inc.	\$ 10,542,103
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	Marinship Development Interest, LLC	\$ 967,980
WW-696	Cargo Way Flush Line	2/25/2020	JMB Construction, Inc.	\$ 4,486,280
WW-687	Force Main Improvements at Embarcadero and Jackson	1/14/2020	Anvil Builders Inc.	\$ 5,986,222
WW-691	Sunset Boulevard Greenway -- Phase II Irving Street	7/23/2019	Minerca Construction, Inc	\$ 2,572,351
WW-665	SEP 042 Rehabilitation And Seismic Retrofit	6/25/2019	Western Water Constructors, Inc.	\$ 9,079,210
WW-683R	Sansome and Division Streets Combined Sewer Discharge Rehab	5/14/2019	Trinet Construction Inc	\$ 4,907,090
WW-682R	Southeast Community Center at 1550 Evans	1/22/2019	Charles Pankow Builders, Inc.	\$ 71,181,251
WW-627R	Baker Beach Green Streets	9/25/2018	Minerva Construction	\$ 7,122,000
WW-667	Mariposa Dry-Weather Pump Station	9/11/2018	Western Water Constructors, Inc.	\$ 17,031,000
WW-639	OSP Digester Gas Utilization Upgrades	8/28/2018	Monterey Mechanical	\$ 38,449,000
WW-674R	Geary Boulevard Sewer and Water Improvements	8/28/2018	JMB Construction, Inc.	\$ 16,246,547
WW-659	Greenhouse Demolition at 1150 Phelps Street/1800 Oakdale Avenue	2/27/2018	Azul Works, Inc.	\$ 1,638,000
WW-657R	Drumm & Jackson Streets Sewer Improvements	1/9/2018	Anvil Builders Inc.	\$ 5,240,900
WW-658	As-Needed Sewer Cleaning and Inspection of Large Sewers	8/8/2017	Pipe and Plant Solutions	\$ 2,694,000
WW-651	Griffith Pump Station Improvements	7/11/2017	Western Water Constructors, Inc.	\$ 10,941,000
WW-599R	SEP Cryogenic Oxygen Plant	6/13/2017	Cal State Constructors	\$ 6,547,000
WW-647R	SEP Biosolids Digester Facilities	5/9/2017	MWH Constructors/Webcor Builders JV	\$ 932,715,777
WW-610R	Visitacion 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
<b>46 Projects</b>				<b>\$ 1,726,268,062</b>

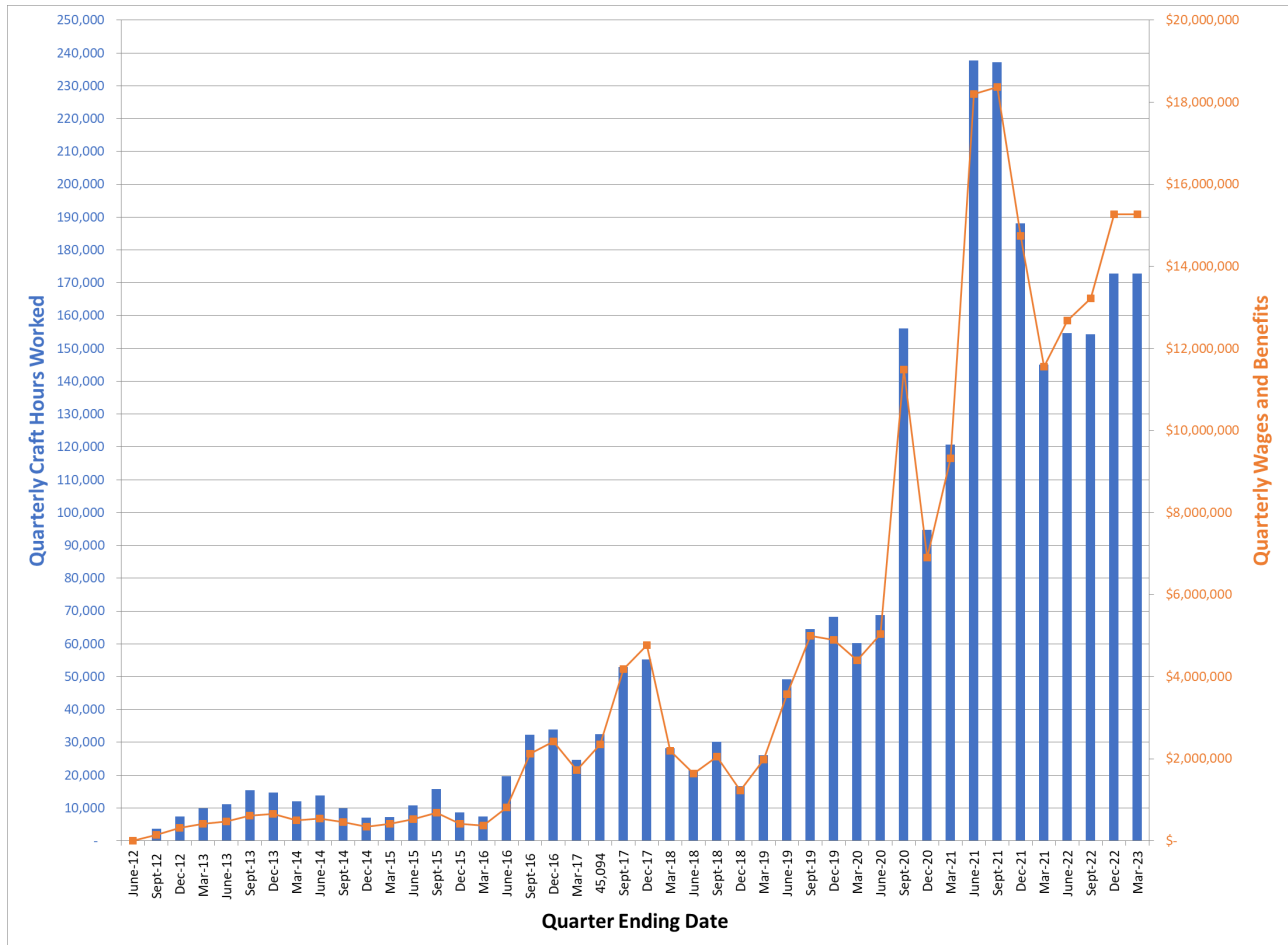
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## Summary Tables and Charts

### Craft Data

- During the quarter, construction workers worked 172,799 hours and earned \$15.5 million in wages and benefits.

**Chart 1. Craft Hours and Wages**



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- 2,531,869 total craft hours have been worked by 6,482 workers who earned \$197.4 million in wages and benefits.
- Laborers, Operating Engineers, Carpenters, Electricians, Iron Workers, and Plumbers worked **87.2%** of all hours, with 2.2 million combined hours worked.

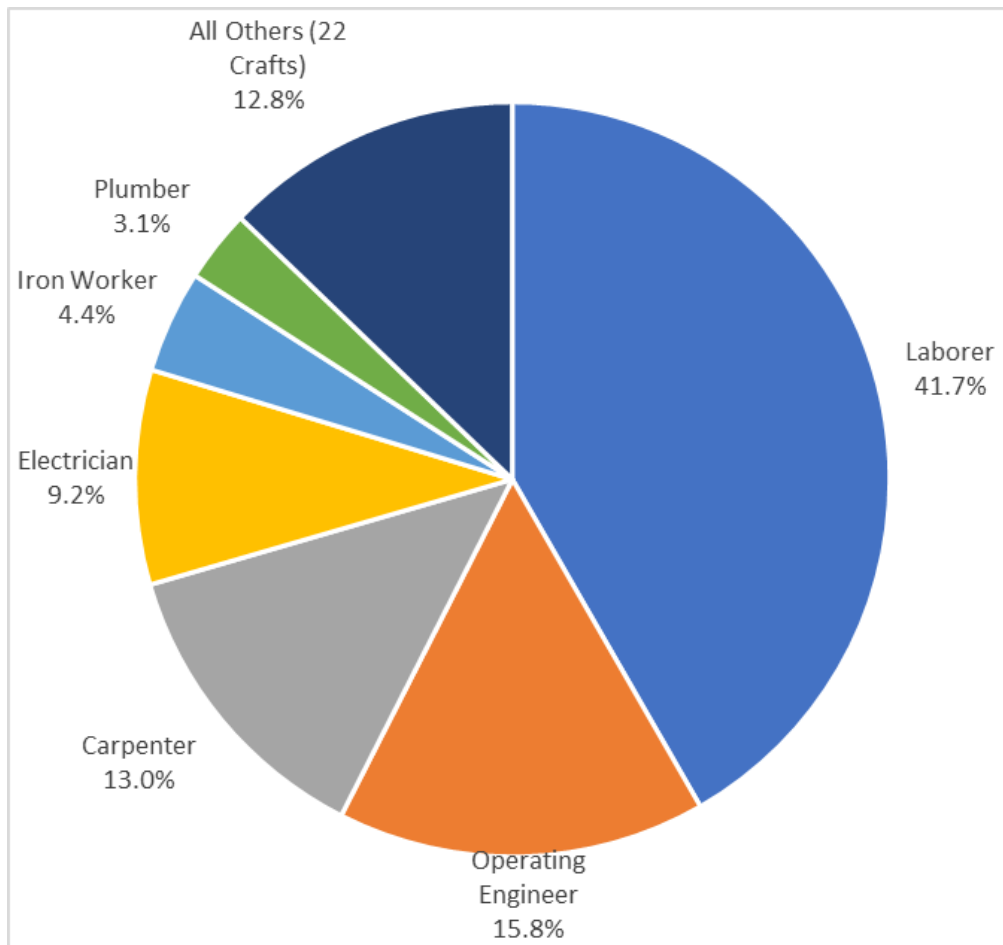
**Table 4. Craft Utilization Table**

<b>Cumulative Employment by Craft</b>				
<b>Inception Through March 31, 2023</b>				
Craft	Total Hours	Total Wages	% Craft Hours of Total Hours	% Wages of Total Wages
Laborer	1,056,243	\$ 63,943,091	41.7%	32.4%
Operating Engineer	399,072	\$ 35,438,465	15.8%	18.0%
Carpenter	329,440	\$ 28,386,226	13.0%	14.4%
Electrician	231,726	\$ 25,314,792	9.2%	12.8%
Iron Worker	112,502	\$ 8,232,992	4.4%	4.2%
Plumber	78,627	\$ 9,497,905	3.1%	4.8%
<b>Top 6 Crafts Sub-Total</b>	<b>2,207,609</b>	<b>\$ 170,813,472</b>	<b>87.2%</b>	<b>86.5%</b>
Painter	65,718	\$ 4,704,083	2.6%	2.4%
Cement Mason	63,973	\$ 4,758,297	2.5%	2.4%
Sheet Metal Worker	44,068	\$ 4,728,637	1.7%	2.4%
Field Surveyor	22,714	\$ 1,626,321	0.9%	0.8%
Pile Driver	21,109	\$ 2,218,459	0.8%	1.1%
Plasterer	11,349	\$ 868,115	0.4%	0.4%
Roofer	10,931	\$ 728,957	0.4%	0.4%
Tunnel Worker	8,274	\$ 592,422	0.3%	0.3%
Boilermaker	7,899	\$ 712,399	0.3%	0.4%
Asbestos Worker	2,705	\$ 155,827	0.1%	0.1%
Building/Construction Inspector	2,297	\$ 189,707	0.1%	0.1%
Drywall Installer/Lather	1,620	\$ 117,628	0.1%	0.1%
Glazier	1,039	\$ 66,565	0.0%	0.0%
Electrical Utility Lineman	870	\$ 98,591	0.0%	0.0%
Bricklayer	662	\$ 45,777	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%
<b>Remaining Apprenticeable Sub-Total</b>	<b>265,577</b>	<b>\$ 21,640,814</b>	<b>10.5%</b>	<b>11.0%</b>
Teamster	34,583	\$ 2,787,069	1.4%	1.4%
Driver	23,840	\$ 2,015,607	0.9%	1.0%
Diver	261	\$ 127,655	0.0%	0.1%
<b>Total Non-Apprenticeable</b>	<b>58,683</b>	<b>\$ 4,930,330</b>	<b>2.3%</b>	<b>2.5%</b>
<b>Grand Total</b>	<b>2,531,869</b>	<b>\$ 197,384,616</b>	<b>100.0%</b>	<b>100.0%</b>



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**Chart 2. Craft Utilization Pie Chart**

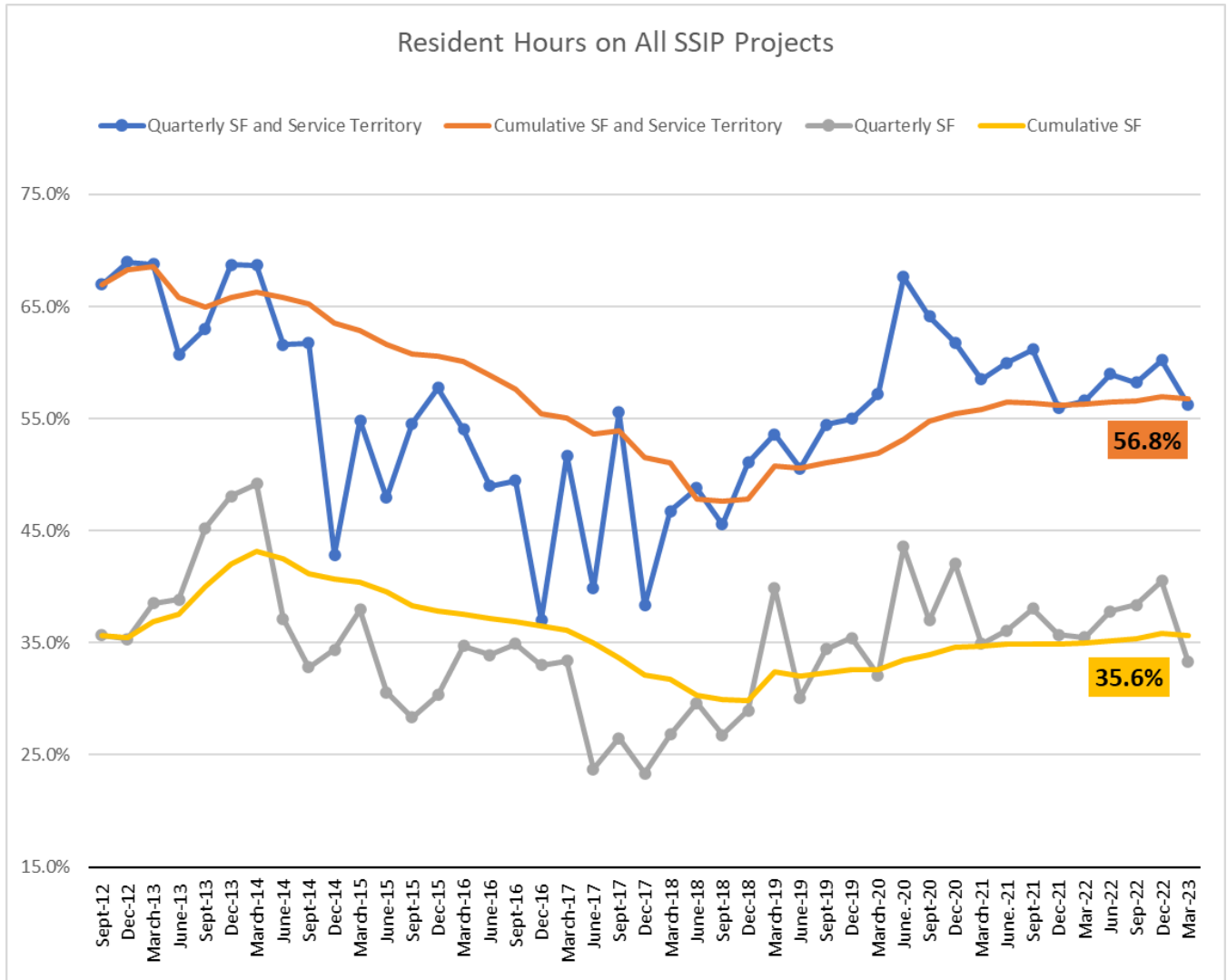


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**Worker Residence Data**

- Combined, San Francisco and SFPUC Regional Service Territory residents worked 56.8% of all construction craft hours on SSIP to date.
- San Francisco residents alone have worked 35.6% of all construction craft hours on SSIP to date.

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



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- When comparing the counties where workers are from, San Francisco’s 1,700 workers worked 35.6% of all the construction hours and have earned \$64.3 million in wages and benefits, as reported in the City’s online certified payroll reporting system, LCPtracker, Inc.

**Table 5. Worker Residence by County**

<b>SSIP-PLA Employment by Top 20 Counties of Residence Inception Through March 31, 2023</b>				
<b>County</b>	<b>Total Craft Hours</b>	<b>Wages &amp; Benefits</b>	<b>% Craft Hours</b>	<b>Worker Count (Not Unique*)</b>
<b>San Francisco County</b>	<b>902,229</b>	<b>\$ 64,331,029</b>	<b>35.6%</b>	<b>1,700</b>
Contra Costa County	370,945	\$ 30,346,219	14.7%	1006
Alameda County	272,807	\$ 20,085,515	10.8%	1055
San Mateo County	191,007	\$ 15,589,554	7.5%	520
Solano County	144,287	\$ 12,396,019	5.7%	441
San Joaquin County	105,909	\$ 8,390,569	4.2%	368
Santa Clara County	77,216	\$ 5,759,181	3.0%	335
Sacramento County	52,207	\$ 4,382,027	2.1%	201
Sonoma County	47,396	\$ 3,773,494	1.9%	118
Stanislaus County	32,597	\$ 2,621,952	1.3%	140
Merced County	28,626	\$ 2,678,954	1.1%	37
Madera County	20,620	\$ 1,812,811	0.8%	19
Marin County	18,579	\$ 1,647,376	0.7%	44
Riverside County	16,667	\$ 1,362,603	0.7%	42
Lake County	14,860	\$ 1,800,936	0.6%	12
Tulare County	14,858	\$ 876,323	0.6%	10
Los Angeles County	14,761	\$ 1,261,348	0.6%	37
Butte County	12,936	\$ 1,223,040	0.5%	25
Fresno County	12,314	\$ 854,116	0.5%	17
Placer County	12,242	\$ 1,062,739	0.5%	37
<b>Top 20 CA Counties by Hrs.</b>	<b>2,363,062</b>	<b>\$ 182,255,806</b>	<b>93.3%</b>	<b>6,030</b>
All Other CA Counties	102,286	\$ 9,113,774	4.0%	331
Out of State	66,521	\$ 6,015,036	2.6%	133
<b>Grand Total</b>	<b>2,531,869</b>	<b>\$ 197,384,616</b>	<b>100.0%</b>	<b>6,482</b>

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

- San Francisco residents worked by 902,229 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 295,725 hours.
- Apprentices living in 94124 have worked more than a quarter (28.4%) of all San Francisco’s 207,684 apprentice hours.

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

Zip Code	Neighborhoods	A	J	Grand Total	Worker Count (Not Unique)
94124	Bayview Hunters Point	59,045	176,147	235,191	447
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	21,241	113,154	134,394	225
94110	Mission, Bernal Heights	18,216	70,067	88,283	197
94134	Visitacion Valley, Portola	15,788	44,745	60,533	139
94132	Lake Merced, Merced Heights, San Francisco State	9,875	40,749	50,624	65
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	19,026	21,549	40,575	48
94116	Sunset District, West Portal, Forest Hill	10,750	27,318	38,068	74
94122	Inner Sunset, Outer Sunset	13,155	23,623	36,778	82
94102	Hayes Valley, Civic Center, Tenderloin	4,179	21,343	25,522	41
94103	SOMA	2,341	22,122	24,463	55
94121	Outer Richmond	7,128	16,892	24,020	44
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA	4,394	14,763	19,157	28
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park	642	17,139	17,781	41
94114	Castro, Noe Valley	1,953	14,814	16,767	24
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason	2,465	14,205	16,670	37
94107	SOMA, Dog Patch, Protrero Hill	4,651	11,374	16,025	54
94118	Inner Richmond	1,114	11,969	13,082	30
94133	Chinatown, Telegraph Hill, North Beach, Fisherman's Wharf	2,381	10,437	12,818	19
94130	Treasure Island	4,244	7,530	11,774	17
94127	Balboa Terrace, St. Francis Wood, West Portal	2,408	2,215	4,623	16
94158	Mission Bay	48	3,331	3,379	3
94104	Financial District	607	1,788	2,394	3
94123	Marina, Cow Hollow		2,210	2,210	8
94142	Tenderloin		1,937	1,937	2
94105	SOMA, Embarcadero	924	615	1,538	6
94108	Chinatown, Union Square	606	861	1,467	9
94188	P.O Box	332	1,057	1,388	12
94120	SOMA	176	291	467	3
94119	P.O Box		156	156	1
94140	P.O Box		147	147	1
<b>Grand Total</b>		<b>207,684</b>	<b>694,545</b>	<b>902,229</b>	<b>1,700</b>

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- Laborers living in San Francisco have worked half (50.2%) of San Francisco’s 902,229 total construction hours.
- San Francisco apprentice Laborers have worked two of every five hours (40.0%) of the 207,684 hours worked by San Francisco apprentices.

**Table 7. Worker Residence by Craft**

	Laborer	Operating Engineer	Carpenter	Electrician	Iron Worker	Plumber	All Others (22 Crafts)	SSIP All Hours Grand Total
<b>Total Hours</b>	1,056,243	399,072	329,440	231,726	112,502	78,627	324,260	<b>2,531,869</b>
<b>Craft Total % of SSIP Total</b>	41.7%	15.8%	13.0%	9.2%	4.4%	3.1%	12.8%	
<b>SF Hours</b>	452,647	123,786	119,829	72,899	27,454	28,365	77,250	<b>902,229</b>
<b>SF Craft % of Total SF Hours</b>	50.2%	13.7%	13.3%	8.1%	3.0%	3.1%	8.6%	
<b>Regional Service Territory Hours</b>	208,331	96,541	44,710	47,356	38,306	11,947	89,576	<b>536,766</b>
<b>% Rgnl Serv Trt Hrs of Total Rgnl Srv Trt Hrs</b>	38.8%	18.0%	8.3%	8.8%	7.1%	2.2%	16.7%	
	Laborer	Carpenter	Electrician	Iron Worker	Operating Engineer	Plumber	All Others (18 Crafts)	SSIP Apprentices Grand Total
<b>Total Hours</b>	102,117	68,423	39,791	27,287	24,718	18,754	58,033	<b>339,123</b>
<b>Craft Total % of SSIP Total</b>	30.1%	20.2%	11.7%	8.0%	7.3%	5.5%	17.1%	
<b>SF Hours</b>	83,110	33,833	26,245	13,144	20,749	12,737	17,867	<b>207,684</b>
<b>SF Craft % of Total SF Hours</b>	40.0%	16.3%	12.6%	6.3%	10.0%	6.1%	8.6%	
<b>Regional Service Territory Hours</b>	4,721	12,459	6,352	5,713	2,658	2,984	23,605	<b>58,492</b>
<b>% Rgnl Serv Trt Hrs of Total Rgnl Srv Trt Hrs</b>	8.1%	21.3%	10.9%	9.8%	4.5%	5.1%	40.4%	

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- The overall participation rate of San Francisco workers on SSIP projects is currently 35.6%.
- 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 89.7% 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	1,598	55,973	4,836	62,407	2.6%	89.7%	7.7%
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-731 - Various Locations Brick Sewer Improvements	1,653	2,034	953	4,640	35.6%	43.8%	20.5%
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-687 - Force Main Rehabilitation at Embarcadero and Jackson	5,852	6,033	3,321	15,206	38.5%	39.7%	21.8%
WW-712 - New Montgomery, Jessie, Minna, and Mission Streets Brick Sewer Rehabilitation	6,508	4,716	684	11,908	54.7%	39.6%	5.7%
WW-556 Southeast Water Pollution Control Plant Chemical System Relocation and Facility Upgrades	21,053	15,536	2,724	39,313	53.6%	39.5%	6.9%
WW-483RR North Shore to Channel Force Main Improvement and Pavement Renovation	38,197	41,603	25,882	105,681	36.1%	39.4%	24.5%
WW-685R - North Shore Pump Station Wet Weather Improvements	20,578	16,150	5,035	41,762	49.3%	38.7%	12.1%
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-647R - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	296,062	253,978	178,825	728,865	40.6%	34.8%	24.5%
WW-628 - Southeast Water Pollution Control Plant New Headworks Facility	352,959	283,523	182,045	818,527	43.1%	34.6%	22.2%
WW-610R - Visitacion Valley Green Nodes, Rutland Street Sewer, and Sunnydale Pavement Improvements	7,060	6,518	5,350	18,928	37.3%	34.4%	28.3%
WW-639 - Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades	34,457	24,339	12,916	71,712	48.0%	33.9%	18.0%
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-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-667 Mariposa Dry-Weather Pump Station	20,979	12,047	4,324	37,350	56.2%	32.3%	11.6%
WW-662R - Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	11,745	8,876	7,156	27,776	42.3%	32.0%	25.8%
WW-605R Mission and Valencia Streets Green Gateway	8,869	5,943	5,187	19,998	44.4%	29.7%	25.9%
WW-657R - Drumm & Jackson Streets Sewer Improvements	8,897	4,382	1,664	14,943	59.5%	29.3%	11.1%
WW-626 Southeast Water Pollution Control Plant Primary and Secondary Clarifier Upgrades	39,958	20,167	14,900	75,025	53.3%	26.9%	19.9%
WW-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	27,660	7,698	11,368	46,726	59.2%	16.5%	24.3%
WW-648 - Oceanside Water Pollution Control Plant Building 042 Primary Clarifier Improvements	348	61	56	464	74.9%	13.1%	12.0%
WW-614R2 - North Point Outfall Rehabilitation	24,551	2,971	8,398	35,920	68.3%	8.3%	23.4%
<b>Grand Total</b>	<b>1,092,874</b>	<b>902,229</b>	<b>536,766</b>	<b>2,531,869</b>	<b>43.2%</b>	<b>35.6%</b>	<b>21.2%</b>

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**Apprentice Data**

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

- On SSIP, 13.7% of all craft hours in apprenticeable trades have been worked by apprentices.
- Glaziers have utilized the most apprentices, with 66.5% of all hours being worked by apprentices.
- Apprentice Laborers have worked 9.7% of the Laborers’ 1,056,243 total hours.

**Table 9. Apprentice Utilization by Craft**

Row Labels	Apprentice Hours	Journey Hours	Total Hours	Apprentice Percentage of Craft Total (Apprentice/Total)
Glazier	691	349	1,039	66.5%
Field Surveyor	10,297	12,417	22,714	45.3%
Metal Roofing Systems Installer	72	93	165	43.6%
Roofer	3,163	7,768	10,931	28.9%
Sheet Metal Worker	12,146	31,922	44,068	27.6%
Tile Finisher	8	24	32	25.0%
Iron Worker	27,287	85,215	112,502	24.3%
Plumber	18,754	59,874	78,627	23.9%
Painter	15,285	50,433	65,718	23.3%
Tile Setter	6	22	28	21.8%
Carpenter	68,423	261,016	329,440	20.8%
Cement Mason	11,636	52,338	63,973	18.2%
Electrician	39,791	191,935	231,726	17.2%
Asbestos Worker	459	2,246	2,705	17.0%
Pile Driver	2,985	18,125	21,109	14.1%
Building/Construction Inspector	280	2,018	2,297	12.2%
Laborer	102,117	954,126	1,056,243	9.7%
Drywall Installer/Lather	124	1,496	1,620	7.6%
Electrical Utility Lineman	66	804	870	7.6%
Tunnel Worker	581	7,693	8,274	7.0%
Operating Engineer	24,718	374,354	399,072	6.2%
Boilermaker	212	7,687	7,899	2.7%
Bricklayer	8	654	662	1.2%
Plasterer	16	11,333	11,349	0.1%
Sprinklerfitters		126	126	0.0%
<b>Apprenticeable Subtotal</b>	<b>339,123</b>	<b>2,134,063</b>	<b>2,473,185</b>	<b>13.7%</b>
Teamster		34,583	34,583	0.0%
Driver		23,840	23,840	0.0%
Diver		261	261	0.0%
<b>Grand Total</b>	<b>339,123</b>	<b>2,192,746</b>	<b>2,531,869</b>	<b>13.4%</b>

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- 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 15.7%, or 128,582 out of 818,527 total project hours.
- WW-647R Southeast Water Pollution Control Plant Biosolids Digester Facilities Project, with more than 728,000 total hours worked, has an apprentice utilization rate of 10.4%.

**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-628 - Southeast Water Pollution Control Plant New Headworks Facility	128,582	689,944	818,527	15.7%
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-639 - Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades	10,353	61,359	71,712	14.4%
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-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-711 - Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	7,902	54,505	62,407	12.7%
WW-662R - Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	3,371	24,406	27,776	12.1%
WW-645R - Westside Pump Station Reliability Improvements	5,633	41,093	46,726	12.1%
WW-685R - North Shore Pump Station Wet Weather Improvements	4,916	36,847	41,762	11.8%
WW-667 Mariposa Dry-Weather Pump Station	4,048	33,302	37,350	10.8%
WW-712 - New Montgomery, Jessie, Minna, and Mission Streets Brick Sewer Rehabilitation	1,259	10,649	11,908	10.6%
WW-647R - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	75,656	653,208	728,865	10.4%
WW-614R2 - North Point Outfall Rehabilitation	2,750	33,170	35,920	7.7%
WW-648 - Oceanside Water Pollution Control Plant Building 042 Primary Clarifier Improvements	32	432	464	6.9%
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-731 - Various Locations Brick Sewer Improvements	198	4,442	4,640	4.3%
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	15,014	15,206	1.3%
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	14	4,009	4,023	0.3%
<b>Grand Total</b>	<b>339,123</b>	<b>2,192,746</b>	<b>2,531,869</b>	<b>13.4%</b>



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## 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.

- 3,383 pre-employment tests have been administered on SSIP, with a total non-negative screening rate of **1.42%**.
- During the quarter, 181 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

<b>SSIP - Covered by PLA Substance Abuse Testing Summary</b>	
Tests Administered to Individuals Cleared to Work Through 03/31/2023	
<b>Project</b>	<b>Number Cleared</b>
WW-647R - SEP Biosolids Digester Facilities Project	1,688
WW-682R - Southeast Community Center at 1550 Evans	887
WW-628 - SEP New Headworks Facility	431
WW-614R2 - North Point Outfall Rehabilitation	119
WW-645R - Westside Pump Station Reliability Improvements	53
WW-711 - Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	53
WW-627R - Baker Beach Green Streets	27
WW-570 - OSP and Westside Pump Station HVAC Upgrades	23
WW-657R -Drumm & Jackson Streets Sewer Improvements	17
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	11
WW-731 - Various Locations Brick Sewer Improvements	11
WW-639 - OSP Digester GasUtilization Upgrades	10
WW-667 - Mariposa Dry Weather Pump Station	10
WW-665 - SEP 042 Rehabilitation and Seismic Retrofit	8
WW-606R2 - OSP Door and Building 930 Exterior and Awning Improvements	7
WW-648 - OSP Building 042 Primary Clarifier Improvements	6
WW-651 - Griffith Pump Station Improvements	5
WW-662R - SEP Power Feed and Primary Switchgear Upgrades	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
<b>Total Cleared</b>	<b>3,383</b>

## **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, 2023, through June 30, 2023  
(Fourth Quarter FY 2022-2023)**

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

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## Definitions

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

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## Executive Summary

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

- Forty-Eight (48) construction contracts with a combined value of \$1.7 billion have been awarded.
- 2,714,264 total craft hours have been worked by 6,720 workers who earned \$213.9 million in wages and benefits.
- 1,758 San Francisco residents worked 967,141 hours (35.6%) and earned \$69.6 million in wages and benefits, exceeding the City’s Local Hiring requirement (20% to 30% on SSIP projects).
- 1,837 residents of the SFPUC’s Regional Service Territory worked 572,530 hours (21.1%) and earned \$45.2 million in wages and benefits.

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

Region of Worker Residence	Inception Through June 30, 2023		
	Hours	Wages & Benefits	Worker Count
Outside	1,174,594	\$ 99,058,988	3,185
San Francisco	967,141	\$ 69,567,577	1,758
Service Territory	572,530	\$ 45,226,856	1,837
<b>Grand Total</b>	<b>2,714,264</b>	<b>\$213,853,422</b>	<b>6,720</b>



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

- Two SSIP contracts was awarded during the quarter:
  - WW-736 - Castro and Mission Districts Sewer Improvements was awarded to Precision Engineering, Inc. for \$7,272,320.
  - WW-719A - Folsom Area Stormwater Improvements – SOMA and Mission Districts Sewer Replacement was awarded to Mitchell Engineering for \$7,522,041.
  
- 1,020 construction workers worked 182,396 hours and earned \$16.5 million in wages and benefits.
  
- 298 San Francisco residents worked 64,912 hours and earned \$5.2 million in wages and benefits.
  
- 265 SFPUC Service Territory residents worked 35,764 hours and earned \$3.3 million in wages and benefits.

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

Region of Worker Residence	Three Months Ending June 30, 2023		
	Hours	Wages & Benefits	Worker Count
Outside	81,719	\$ 7,951,292	458
San Francisco	64,912	\$ 5,236,549	298
Service Territory	35,764	\$ 3,280,966	265
<b>Grand Total</b>	<b>182,396</b>	<b>\$ 16,468,806</b>	<b>1,020</b>

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

SSIP Construction Contracts				
Inception through June 30, 2023				
Contract Number	Project	Award Date	Prime Contractor	Original Contract Award
WW-736	Castro and Mission Districts Sewer Improvements	5/9/2023	Precision Engineering, Inc.	\$ 7,272,320
WW-719A	Folsom Area Stormwater Improvements – SOMA and Mission Districts Sewer Replacement	5/9/2023	Mitchell Engineering	\$ 7,522,041
WW-737	Baker St. Combined Sewer Discharge Baffle Improvements & Backflow Valve Repair	1/10/2023	Trinet Construction, Inc.	\$ 566,000
WW-723R	Channel Force Main Intertie	12/13/2022	Anvil Builders, Inc.	\$ 15,796,272
WW-724	Panhandle and Inner Sunset Large Sewer Rehabilitation	12/13/2022	D'Arcy & Harty Construction, Inc.	\$ 9,937,355
WW-669	Oceanside Water Pollution Control Plant Building 011 Grit Classifier and Primary Influent Slide Gate System Improvements	9/13/2022	Trinet Construction, Inc.	\$ 9,160,000
WW-731	Various Locations Brick Sewer Improvements	8/23/2022	Cratus, Inc.	\$ 10,542,103
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	Marinship Development Interest, LLC	\$ 967,980
WW-696	Cargo Way Flush Line	2/25/2020	JMB Construction, Inc.	\$ 4,486,280
WW-687	Force Main Improvements at Embarcadero and Jackson	1/14/2020	Anvil Builders Inc.	\$ 5,986,222
WW-691	Sunset Boulevard Greenway -- Phase II Irving Street	7/23/2019	Minerca Construction, Inc	\$ 2,572,351
WW-665	SEP 042 Rehabilitation And Seismic Retrofit	6/25/2019	Western Water Constructors, Inc.	\$ 9,079,210
WW-683R	Sansome and Division Streets Combined Sewer Discharge Rehab	5/14/2019	Trinet Construction Inc	\$ 4,907,090
WW-682R	Southeast Community Center at 1550 Evans	1/22/2019	Charles Pankow Builders, Inc.	\$ 71,181,251
WW-627R	Baker Beach Green Streets	9/25/2018	Minerva Construction	\$ 7,122,000
WW-667	Mariposa Dry-Weather Pump Station	9/11/2018	Western Water Constructors, Inc.	\$ 17,031,000
WW-639	OSP Digester Gas Utilization Upgrades	8/28/2018	Monterey Mechanical	\$ 38,449,000
WW-674R	Geary Boulevard Sewer and Water Improvements	8/28/2018	JMB Construction, Inc.	\$ 16,246,547
WW-659	Greenhouse Demolition at 1150 Phelps Street/1800 Oakdale Avenue	2/27/2018	Azul Works, Inc.	\$ 1,638,000
WW-657R	Drumm & Jackson Streets Sewer Improvements	1/9/2018	Anvil Builders Inc.	\$ 5,240,900
WW-658	As-Needed Sewer Cleaning and Inspection of Large Sewers	8/8/2017	Pipe and Plant Solutions	\$ 2,694,000
WW-651	Griffith Pump Station Improvements	7/11/2017	Western Water Constructors, Inc.	\$ 10,941,000
WW-599R	SEP Cryogenic Oxygen Plant	6/13/2017	Cal State Constructors	\$ 6,547,000
WW-647R	SEP Biosolids Digester Facilities	5/9/2017	MWH Constructors/Webcor Builders JV	\$ 932,715,777
WW-610R	Visitacion 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
<b>48 Projects</b>				<b>\$ 1,741,062,423</b>

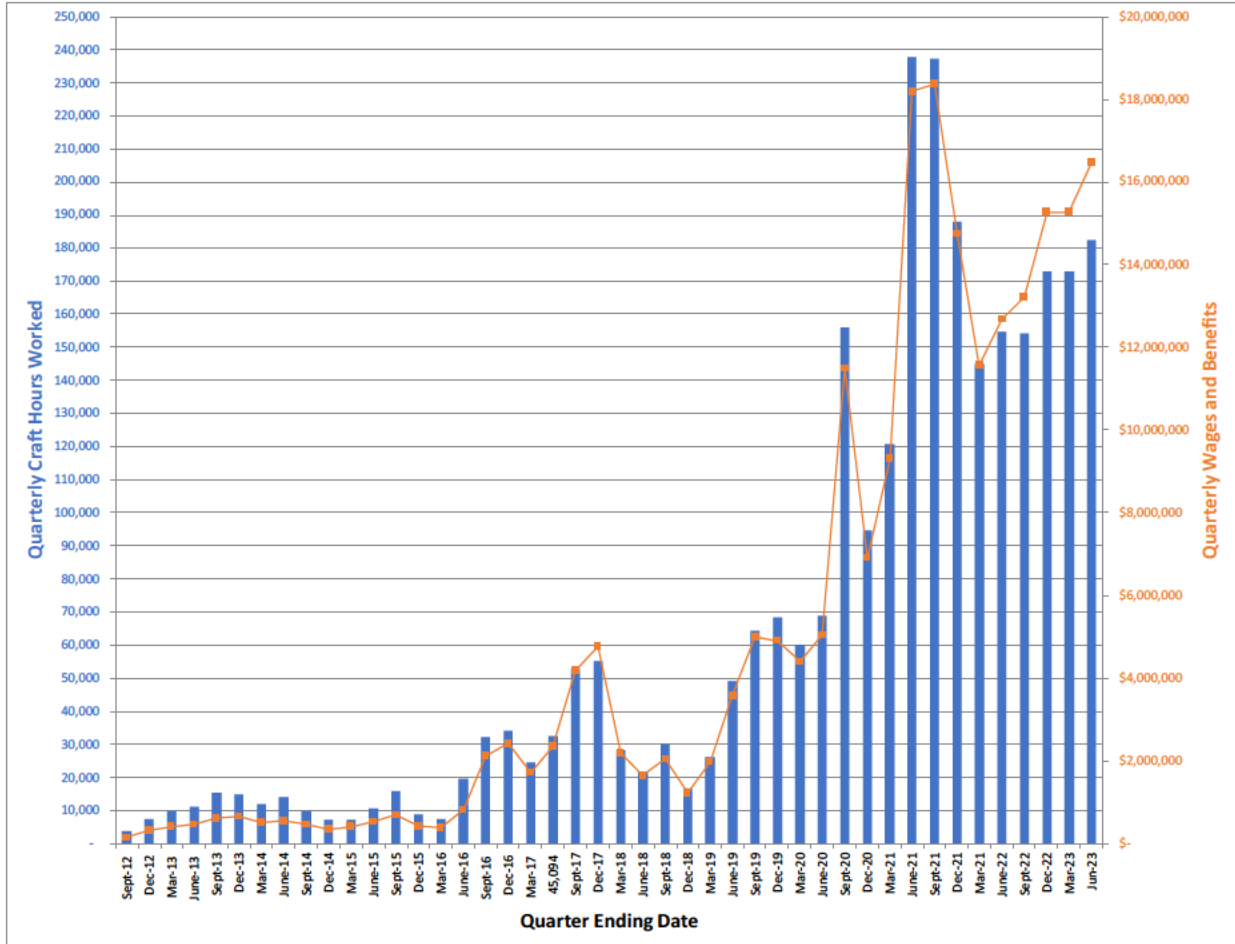
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## Summary Tables and Charts

### Craft Data

- During the quarter, construction workers worked 182,396 hours and earned \$16.5 million in wages and benefits.

**Chart 1. Craft Hours and Wages**



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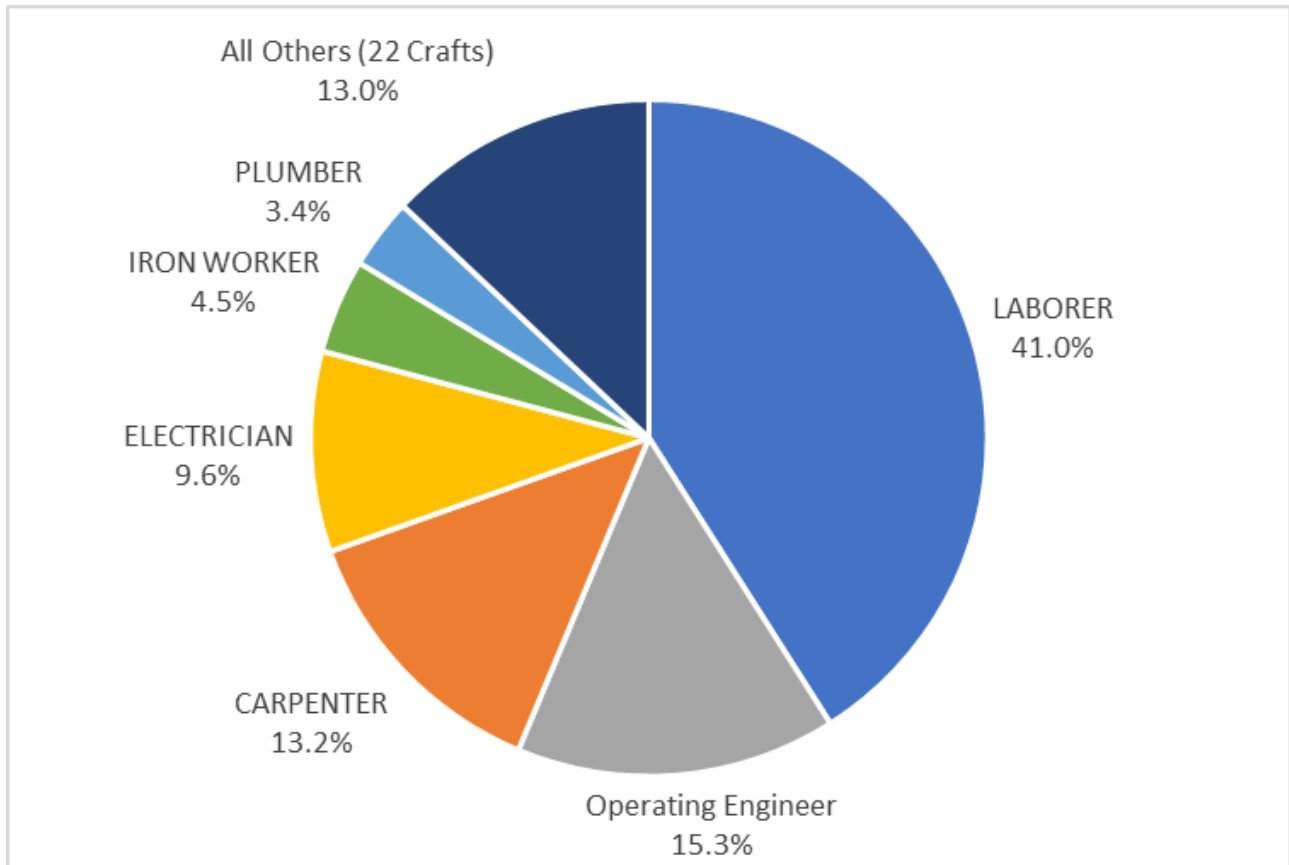
- 2,714,264 total craft hours have been worked by 6,720 workers who earned \$213.9 million in wages and benefits.
- Laborers, Operating Engineers, Carpenters, Electricians, Iron Workers, and Plumbers worked **87.0%** of all hours, with 2.4 million combined hours worked.

**Table 4. Craft Utilization Table**

Cumulative Employment by Craft				
Inception Through June 30, 2023				
Craft	Total Hours	Total Wages	% Craft Hours of Total Hours	% Wages of Total Wages
Laborer	1,112,550	\$ 67,614,940	41.0%	31.6%
Operating Engineer	415,767	\$ 37,050,237	15.3%	17.3%
Carpenter	359,422	\$ 31,084,722	13.2%	14.5%
Electrician	260,380	\$ 28,913,669	9.6%	13.5%
Iron Worker	122,652	\$ 9,027,146	4.5%	4.2%
Plumber	91,894	\$ 11,182,509	3.4%	5.2%
<b>Top 6 Crafts Sub-Total</b>	<b>\$ 2,362,664.90</b>	<b>\$ 184,873,223</b>	<b>87.0%</b>	<b>86.4%</b>
Cement Mason	73,086	\$ 5,472,527	2.7%	2.6%
Painter	72,067	\$ 5,218,887	2.7%	2.4%
Sheet Metal Worker	51,508	\$ 5,566,240	1.9%	2.6%
Field Surveyor	23,074	\$ 1,656,210	0.9%	0.8%
Pile Driver	21,117	\$ 2,219,154	0.8%	1.0%
Roofer	12,914	\$ 872,105	0.5%	0.4%
Plasterer	11,349	\$ 868,115	0.4%	0.4%
Tunnel Worker	8,274	\$ 592,422	0.3%	0.3%
Boilermaker	7,899	\$ 712,399	0.3%	0.3%
Asbestos Worker	2,705	\$ 155,827	0.1%	0.1%
Building/Construction Inspector	2,319	\$ 190,925	0.1%	0.1%
Drywall Installer/Lather	1,926	\$ 146,035	0.1%	0.1%
Electrical Utility Lineman	1,080	\$ 118,424	0.0%	0.1%
Glazier	1,039	\$ 66,565	0.0%	0.0%
Bricklayer	858	\$ 64,540	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%
<b>Remaining Apprenticable Sub-Total</b>	<b>291,564</b>	<b>\$ 23,949,404.53</b>	<b>10.7%</b>	<b>11.2%</b>
Teamster	34,614	\$ 2,789,327	1.3%	1.3%
Driver	25,161	\$ 2,113,813	0.9%	1.0%
Diver	261	\$ 127,655	0.0%	0.1%
<b>Total Non-Apprenticeable</b>	<b>60,036</b>	<b>\$ 5,030,794</b>	<b>2.2%</b>	<b>2.4%</b>
<b>Grand Total</b>	<b>2,714,264</b>	<b>\$ 213,853,422</b>	<b>100.0%</b>	<b>100.0%</b>

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**Chart 2. Craft Utilization Pie Chart**

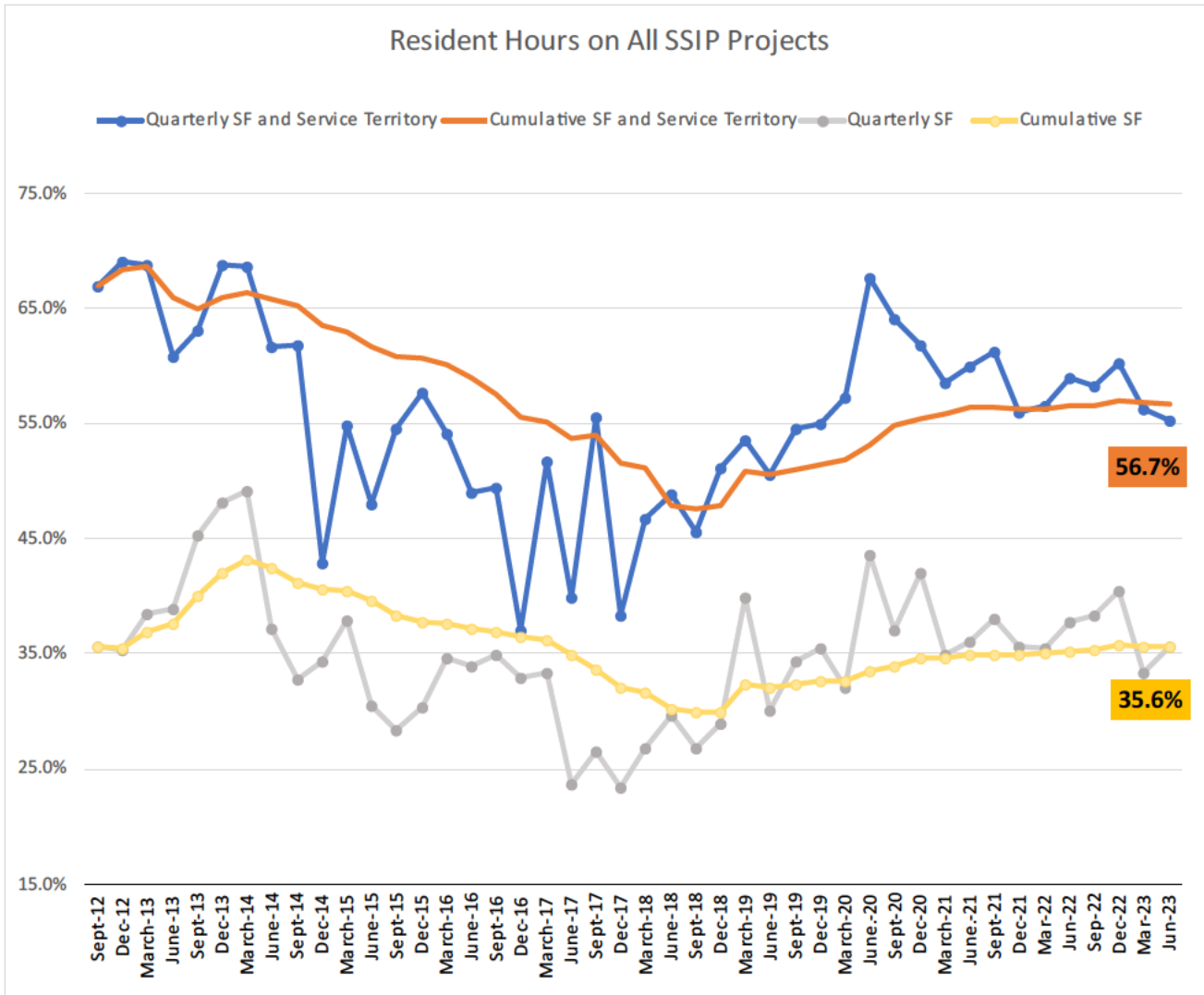


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**Worker Residence Data**

- Combined, San Francisco and SFPUC Regional Service Territory residents worked 56.7% of all construction craft hours on SSIP to date.
- San Francisco residents alone have worked 35.6% of all construction craft hours on SSIP to date.

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



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- When comparing the counties where workers are from, San Francisco’s 1,758 workers worked 35.6% of all the construction hours and have earned \$69.6 million in wages and benefits, as reported in the City’s online certified payroll reporting system, LCPtracker, Inc.

**Table 5. Worker Residence by County**

<b>SSIP-PLA Employment by Top 20 Counties of Residence Inception Through June 30, 2023</b>				
<b>County</b>	<b>Total Craft Hours</b>	<b>Wages &amp; Benefits</b>	<b>% Craft Hours</b>	<b>Worker Count (Not Unique*)</b>
<b>San Francisco County</b>	<b>967,141</b>	<b>\$ 69,567,577</b>	<b>35.6%</b>	<b>1,758</b>
Contra Costa County	398,553	\$ 32,997,536	14.7%	1,040
Alameda County	289,428	\$ 21,553,334	10.7%	1,095
San Mateo County	206,313	\$ 17,117,304	7.6%	541
Solano County	155,519	\$ 13,489,982	5.7%	453
San Joaquin County	112,625	\$ 8,981,956	4.1%	385
Santa Clara County	84,861	\$ 6,414,044	3.1%	346
Sacramento County	55,774	\$ 4,691,590	2.1%	215
Sonoma County	52,277	\$ 4,339,087	1.9%	130
Stanislaus County	34,261	\$ 2,770,374	1.3%	146
Merced County	29,669	\$ 2,773,371	1.1%	40
Marin County	21,716	\$ 2,062,529	0.8%	47
Madera County	21,550	\$ 1,914,603	0.8%	19
Riverside County	17,599	\$ 1,454,347	0.6%	43
Los Angeles County	15,827	\$ 1,353,892	0.6%	38
Lake County	15,280	\$ 1,836,788	0.6%	12
Tulare County	14,858	\$ 876,323	0.5%	10
Placer County	14,287	\$ 1,232,532	0.5%	38
Butte County	14,183	\$ 1,333,689	0.5%	25
Napa County	12,314	\$ 956,042	0.5%	17
<b>Top 20 CA Counties by Hrs.</b>	<b>2,534,036</b>	<b>\$ 197,716,900</b>	<b>93.4%</b>	<b>6,255</b>
All Other CA Counties	109,850	\$ 9,804,303	4.0%	331
Out of State	70,378	\$ 6,434,145	2.6%	134
<b>Grand Total</b>	<b>2,714,264</b>	<b>\$ 213,853,422</b>	<b>100.0%</b>	<b>6,720</b>

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

- San Francisco residents worked by 967,141 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 316,877 hours.
- Apprentices living in 94124 have worked more than a quarter (28.8%) of all San Francisco’s 226,444 apprentice hours.

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

Zip Code	Neighborhoods	A	J	Grand Total	Worker Count (Not Unique)
94124	Bayview Hunters Point	65,129	188,033	253,161	459
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	24,146	119,132	143,278	234
94110	Mission, Bernal Heights	19,266	75,540	94,806	201
94134	Visitacion Valley, Portola	17,785	45,942	63,726	141
94132	Lake Merced, Merced Heights, San Francisco State	10,965	43,438	54,403	67
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	19,774	23,573	43,347	52
94116	Sunset District, West Portal, Forest Hill	11,553	29,143	40,696	77
94122	Inner Sunset, Outer Sunset	14,040	24,707	38,746	84
94102	Hayes Valley, Civic Center, Tenderloin	4,385	22,291	26,676	44
94103	SOMA	2,495	23,911	26,406	57
94121	Outer Richmond	7,204	18,594	25,798	50
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA	4,890	15,322	20,212	29
94114	Castro, Noe Valley	2,100	17,396	19,496	27
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park	863	18,207	19,069	43
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason	3,348	15,255	18,603	37
94107	SOMA, Dog Patch, Protrero Hill	4,976	12,019	16,996	55
94133	Chinatown, Telegraph Hill, North Beach, Fisherman's Wharf	2,381	11,168	13,549	19
94118	Inner Richmond	1,229	12,012	13,241	32
94130	Treasure Island	4,571	8,390	12,961	18
94127	Balboa Terrace, St. Francis Wood, West Portal	2,655	2,774	5,429	17
94158	Mission Bay	48	3,345	3,393	3
94123	Marina, Cow Hollow		2,918	2,918	8
94104	Financial District	607	2,208	2,814	3
94142	Tenderloin		1,937	1,937	2
94188	P.O Box	332	1,364	1,696	13
94105	SOMA, Embarcadero	924	615	1,538	6
94108	Chinatown, Union Square	606	861	1,467	9
94120	SOMA	176	291	467	3
94119	P.O Box		167	167	1
94140	P.O Box		147	147	1
<b>Grand Total</b>		<b>226,444</b>	<b>740,698</b>	<b>967,141</b>	<b>1,758</b>



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- Laborers living in San Francisco have worked half (49.5%) of San Francisco’s 967,141 total construction hours.
- San Francisco apprentice Laborers have worked nearly two of every five hours (38.5%) of the 226,444 hours worked by San Francisco apprentices.

**Table 7. Worker Residence by Craft**

All Craft Hours	Laborer	Operating Engineer	Carpenter	Electrician	Iron Worker	Plumber	All Others (22 Crafts)	SSIP All Hours Grand Total
<b>Total Hours</b>	1,112,550	415,767	359,422	260,380	122,652	91,894	351,600	<b>2,714,225</b>
<b>Craft Total % of SSIP Total</b>	41.0%	15.3%	13.2%	9.6%	4.5%	3.4%	13.0%	
SF Hours	478,286	127,829	132,567	81,166	29,790	34,655	82,848	<b>967,141</b>
SF Craft % of Total SF Hours	49.5%	13.2%	13.7%	8.4%	3.1%	3.6%	8.6%	
<b>Regional Service Territory Hours</b>	217,982	99,824	50,623	52,929	40,542	13,019	97,611	<b>572,530</b>
% Rgnl Serv Trt Hrs of Total Rgnl Srv Trt Hrs	38.1%	17.4%	8.8%	9.2%	7.1%	2.3%	17.0%	
Apprentice Craft Hours	Laborer	Carpenter	Electrician	Iron Worker	Operating Engineer	Plumber	All Others (18 Crafts)	SSIP Apprentices Grand Total
<b>Total Hours</b>	107,360	74,358	45,274	29,160	25,166	22,813	63,878	<b>368,008</b>
<b>Craft Total % of SSIP Total</b>	29.2%	20.2%	12.3%	7.9%	6.8%	6.2%	17.4%	
SF Hours	87,284	38,279	29,739	14,298	20,922	16,057	19,866	<b>226,444</b>
SF Craft % of Total SF Hours	38.5%	16.9%	13.1%	6.3%	9.2%	7.1%	8.8%	
<b>Regional Service Territory Hours</b>	4,849	13,284	6,751	5,950	2,933	2,984	26,296	<b>63,045</b>
% Rgnl Serv Trt Hrs of Total Rgnl Srv Trt Hrs	7.7%	21.1%	10.7%	9.4%	4.7%	4.7%	41.7%	

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- The overall participation rate of San Francisco workers on SSIP projects is currently 35.6%.
- 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 89.9% 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	1,728	60,694	5,117	67,538	2.6%	89.9%	7.6%
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-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-687 - Force Main Rehabilitation at Embarcadero and Jackson	5,852	6,033	3,321	15,206	38.5%	39.7%	21.8%
WW-712 - New Montgomery, Jessie, Minna, and Mission Streets Brick Sewer Rehabilitation	6,508	4,716	684	11,908	54.7%	39.6%	5.7%
WW-556 Southeast Water Pollution Control Plant Chemical System Relocation and Facility Upgrades	21,053	15,536	2,724	39,313	53.6%	39.5%	6.9%
WW-731 - Various Locations Brick Sewer Improvements	6,633	5,840	2,335	14,807	44.8%	39.4%	15.8%
WW-627R - Baker Beach Green Streets	11,630	9,993	4,579	26,202	44.4%	38.1%	17.5%
WW-685R - North Shore Pump Station Wet Weather Improvements	23,122	17,833	5,993	46,947	49.3%	38.0%	12.8%
WW-674R - Geary Boulevard Sewer and Water Improvements	9,699	15,264	15,281	40,243	24.1%	37.9%	38.0%
WW-648 - Oceanside Water Pollution Control Plant Building 042 Primary Clarifier Improvements	364	279	142	784	46.4%	35.6%	18.0%
WW-647R - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	329,873	282,668	194,348	806,889	40.9%	35.0%	24.1%
WW-639 - Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades	34,782	25,701	13,271	73,754	47.2%	34.8%	18.0%
WW-610R - Visitation 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-628 - Southeast Water Pollution Control Plant New Headworks Facility	388,545	306,548	196,743	891,836	43.6%	34.4%	22.1%
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-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-667 Mariposa Dry-Weather Pump Station	21,004	12,063	4,324	37,391	56.2%	32.3%	11.6%
WW-662R - Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	12,235	8,942	7,925	29,101	42.0%	30.7%	27.2%
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-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	31,369	9,008	13,039	53,416	58.7%	16.9%	24.4%
WW-737 - Baker St. Combined Sewer Discharge Baffle Improvements & Backflow Valve Repair	104	16	40	160	65.0%	10.0%	25.0%
WW-614R2 - North Point Outfall Rehabilitation	24,551	2,971	8,398	35,920	68.3%	8.3%	23.4%
<b>Grand Total</b>	<b>1,174,594</b>	<b>967,141</b>	<b>572,530</b>	<b>2,714,264</b>	<b>43.3%</b>	<b>35.6%</b>	<b>21.1%</b>

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**Apprentice Data**

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

- On SSIP, 13.9% of all craft hours in apprenticeable trades have been worked by apprentices.
- Glaziers have utilized the most apprentices, with 66.5% of all hours being worked by apprentices.
- Apprentice Laborers have worked 9.6% of the Laborers’ 1,112,550 total hours.

**Table 9. Apprentice Utilization by Craft**

Row Labels	Apprentice Hours	Journey Hours	Total Hours	Appretice Percentage of Craft Total (Apprentice/Total)
Glazier	691	349	1,039	66.5%
Field Surveyor	10,594	12,480	23,074	45.9%
Metal Roofing Systems Installer	72	93	165	43.6%
Sheet Metal Worker	14,921	36,587	51,508	29.0%
Roofer	3,589	9,325	12,914	27.8%
Tile Finisher	8	24	32	25.0%
Plumber	22,813	69,081	91,894	24.8%
Iron Worker	29,160	93,493	122,652	23.8%
Painter	16,146	55,921	72,067	22.4%
Tile Setter	6	22	28	21.8%
Carpenter	74,358	285,064	359,422	20.7%
Cement Mason	13,000	60,086	73,086	17.8%
Electrician	45,274	215,106	260,380	17.4%
Asbestos Worker	459	2,246	2,705	17.0%
Pile Driver	2,989	18,129	21,117	14.2%
Electrical Utility Lineman	146	934	1,080	13.5%
Building/Construction Inspector	286	2,033	2,319	12.3%
Laborer	107,360	1,005,191	1,112,550	9.6%
Drywall Installer/Lather	155	1,771	1,926	8.0%
Tunnel Worker	581	7,693	8,274	7.0%
Operating Engineer	25,166	390,601	415,767	6.1%
Boilermaker	212	7,687	7,899	2.7%
Bricklayer	8	850	858	0.9%
Plasterer	16	11,333	11,349	0.1%
Sprinklerfitters		126	126	0.0%
<b>Apprenticeable Subtotal</b>	<b>368,008</b>	<b>2,286,221</b>	<b>2,654,229</b>	<b>13.9%</b>
Teamster		34,614	34,614	0.0%
Driver		25,161	25,161	0.0%
Diver		261	261	0.0%
<b>Grand Total</b>	<b>368,008</b>	<b>2,346,257</b>	<b>2,714,264</b>	<b>13.6%</b>

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- 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 15.9%, or 141,774 out of 891,836 total project hours.
- WW-647R Southeast Water Pollution Control Plant Biosolids Digester Facilities Project, with more than 806,000 total hours worked, has an apprentice utilization rate of 10.8%.

**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-628 - Southeast Water Pollution Control Plant New Headworks Facility	141,774	750,062	891,836	15.9%
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	10,817	62,937	73,754	14.7%
WW-657R - Drumm & Jackson Streets Sewer Improvements	2,190	12,753	14,943	14.7%
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-685R - North Shore Pump Station Wet Weather Improvements	6,490	40,457	46,947	13.8%
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-645R - Westside Pump Station Reliability Improvements	6,849	46,567	53,416	12.8%
WW-662R - Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	3,591	25,511	29,101	12.3%
WW-711 - Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	8,135	59,403	67,538	12.0%
WW-667 Mariposa Dry-Weather Pump Station	4,064	33,327	37,391	10.9%
WW-647R - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	86,941	719,948	806,889	10.8%
WW-712 - New Montgomery, Jessie, Minna, and Mission Streets Brick Sewer Rehabilitation	1,259	10,649	11,908	10.6%
WW-614R2 - North Point Outfall Rehabilitation	2,750	33,170	35,920	7.7%
WW-610R - Visitacion Valley Green Nodes, Rutland Street Sewer, and Sunnysdale Pavement Improvements	1,251	17,677	18,928	6.6%
WW-648 - Oceanside Water Pollution Control Plant Building 042 Primary Clarifier Improvements	48	736	784	6.1%
WW-609R Holloway Green Street Stormwater Improvements	1,328	21,057	22,385	5.9%
WW-731 - Various Locations Brick Sewer Improvements	866	13,941	14,807	5.8%
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	15,014	15,206	1.3%
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	14	4,009	4,023	0.3%
WW-737 - Baker St. Combined Sewer Discharge Baffle Improvements & Backflow Valve Repair		160	160	0.0%
<b>Grand Total</b>	<b>368,008</b>	<b>2,346,257</b>	<b>2,714,264</b>	<b>13.6%</b>

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## 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.

- 3,654 pre-employment tests have been administered on SSIP, with a total non-negative screening rate of **1.34%**.
- During the quarter, 271 pre-employment substance abuse screenings were administered, and three individuals were prevented from working as the result of a non-negative test.

Table 11. Workers' Pre-Employment Clearance Data

<b>SSIP - Covered by PLA Substance Abuse Testing Summary</b>	
Tests Administered to Individuals Cleared to Work Through 06/30/2023	
Project	Number Cleared
WW-647R - SEP Biosolids Digester Facilities Project	1,863
WW-682R - Southeast Community Center at 1550 Evans	876
WW-628 - SEP New Headworks Facility	491
WW-614R2 - North Point Outfall Rehabilitation	116
WW-645R - Westside Pump Station Reliability Improvements	55
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-731 - Various Locations Brick Sewer Improvements	11
WW-667 - Mariposa Dry Weather Pump Station	10
WW-648 - OSP Building 042 Primary Clarifier Improvements	9
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-662R - SEP Power Feed and Primary Switchgear Upgrades	6
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
<b>Total Cleared</b>	<b>3,605</b>

## 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.

