



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

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

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

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

San Francisco Public Utilities Commission  
Sewer System Improvement Program Project Labor Agreement Quarterly Report  
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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:

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

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

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

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

- Three contracts were awarded:
  - WW-702R Jackson, Griffith, and Pierce Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention was awarded to Trinet Construction, Inc., for \$3,886,300.
  - WW-662R Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades was awarded to Blocka Construction, Inc., for \$30,744,200.
  - WW-703 Mission Street, 16th to Cesar Chavez, Brick Sewer Rehabilitation was awarded to Cratus, Inc., for \$6,337,350.
  
- 906 construction workers worked 156,065 hours and earned more than \$11.4 million in wages and benefits.
  
- 273 San Francisco residents worked 57,727 hours and earned \$3.8 million in wages and benefits.
  
- 278 SFPUC Service Territory residents worked 42,338 hours and earned \$3.1 million in wages and benefits.

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

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

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

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

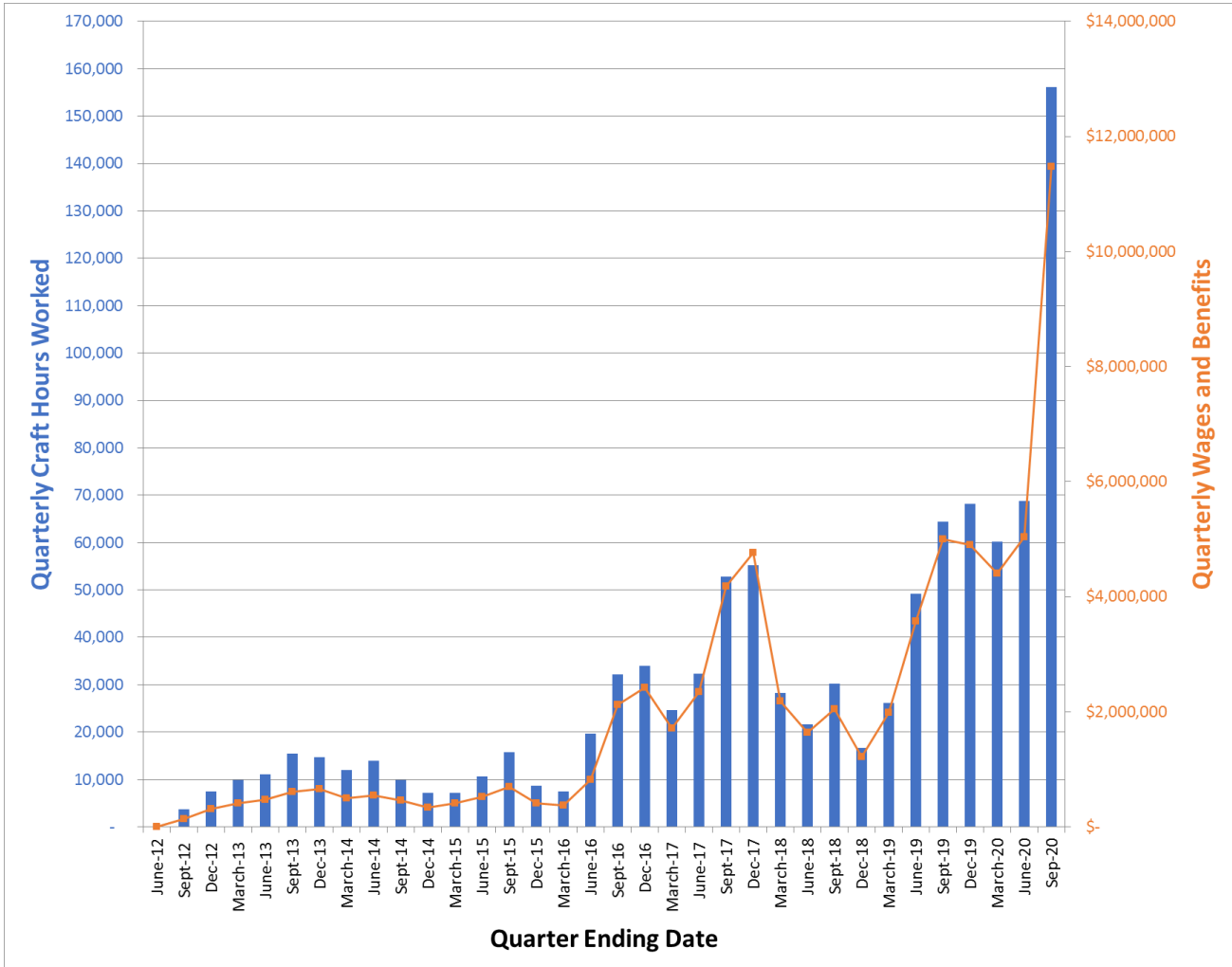
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## Summary Tables and Charts

### Craft Data

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

**Chart 1. Craft Hours and Wages**



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

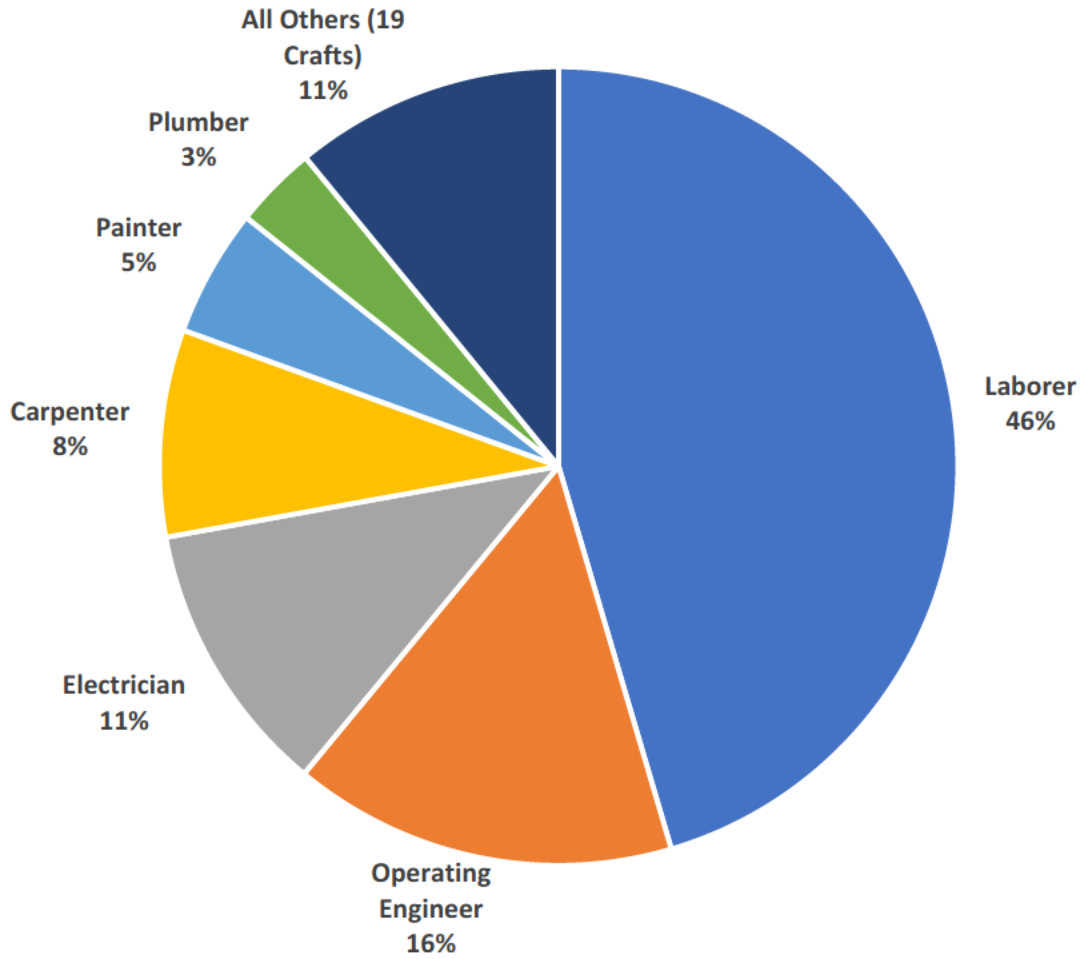
**Table 4. Craft Utilization Table**

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



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**Chart 2. Craft Utilization Pie Chart**

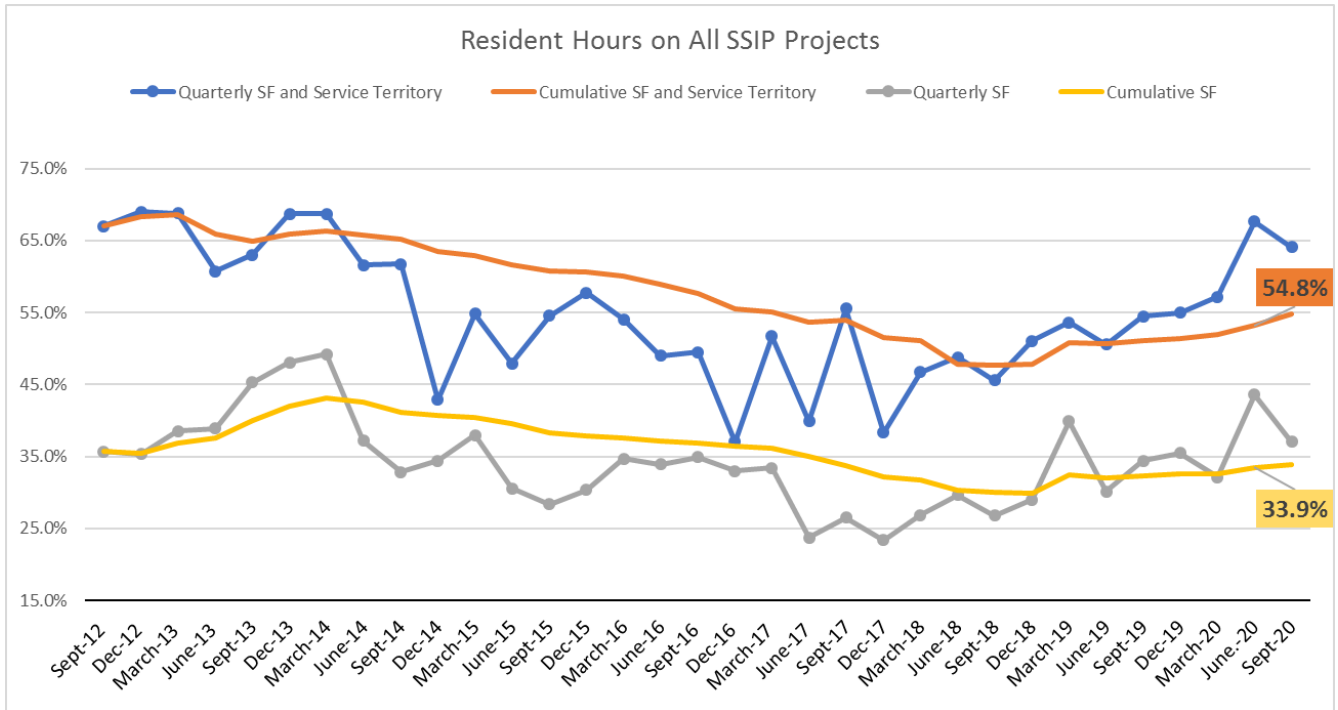


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**Worker Residence Data**

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

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



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

**Table 5. Worker Residence by County**

<b>SSIP-PLA Employment by Top 20 Counties of Residence</b>				
<b>Inception Through September 30, 2020</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>332,819</b>	<b>\$ 22,663,260</b>	<b>33.9%</b>	<b>1,037</b>
Contra Costa County	148,167	\$ 11,367,827	15.1%	591
Alameda County	118,081	\$ 8,038,624	12.0%	616
San Mateo County	76,559	\$ 5,625,901	7.8%	307
Solano County	58,318	\$ 4,856,804	5.9%	250
San Joaquin County	41,227	\$ 3,038,092	4.2%	197
Santa Clara County	21,692	\$ 1,346,356	2.2%	177
Sonoma County	20,656	\$ 1,452,901	2.1%	66
Sacramento County	17,989	\$ 1,576,849	1.8%	101
Tulare County	14,558	\$ 850,760	1.5%	7
Stanislaus County	13,111	\$ 1,063,747	1.3%	74
Merced County	12,359	\$ 1,042,449	1.3%	30
Fresno County	12,289	\$ 850,246	1.3%	14
Riverside County	9,272	\$ 680,476	0.9%	26
Madera County	8,929	\$ 692,105	0.9%	14
Marin County	8,488	\$ 554,016	0.9%	25
Kern County	7,047	\$ 439,322	0.7%	17
Clark County	5,770	\$ 445,925	0.6%	13
Monterey County	5,348	\$ 563,900	0.5%	19
Napa County	5,303	\$ 344,429	0.5%	20
<b>Top 20 Counties by Hours</b>	<b>937,980</b>	<b>\$ 67,493,988</b>	<b>95.6%</b>	<b>3,601</b>
All Other Counties	43,481	\$ 4,004,458	4.4%	223
<b>Grand Total</b>	<b>981,461</b>	<b>\$ 71,498,446</b>	<b>100.0%</b>	<b>3,824</b>

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

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

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

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

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

**Table 7. Worker Residence by Craft**

		Laborer	Operating Engineer	Electrician	Carpenter	Painter	Plumber	All Others (19 Crafts)	Total
<b>T o t a l</b>	Total Hours	445,976	152,699	109,408	82,371	50,664	33,051	107,294	981,461
	Total %	45.4%	15.6%	11.1%	8.4%	5.2%	3.4%	10.9%	100.0%
	San Francisco Hours	171,824	50,897	39,158	23,226	8,567	11,711	27,437	332,819
	% SF Craft Hours of Total SF Hrs.	51.6%	15.3%	11.8%	7.0%	2.6%	3.5%	8.2%	100.0%
	Regional Service Territory Hours	93,486	39,662	17,320	9,232	6,344	8,118	30,872	205,034
	% Regional Serv. Terr. Craft Hours of Total Regional Serv. Terr. Hours	45.6%	19.3%	8.4%	4.5%	3.1%	4.0%	15.1%	100.0%
		Laborer	Electrician	Carpenter	Painter	Operating Engineer	Plumber	All Others (13 Crafts)	Total
<b>A p p r e n t i c e</b>	Total Hours	51,328	21,647	16,016	10,134	8,895	6,152	13,117	127,288
	Total %	40.3%	17.0%	12.6%	8.0%	7.0%	4.8%	10.3%	100.0%
	San Francisco Hours	42,881	15,661	7,442	3,413	7,442	3,147	6,364	86,347
	% SF Craft Hours of Total SF Hours	49.7%	18.1%	8.6%	4.0%	8.6%	3.6%	7.4%	100.0%
	Regional Service Territory Hours	1,954	2,369	3,012	654	1,316	2,367	4,237	15,909
	% Regional Serv. Terr. Craft Hours of Total Regional Serv. Terr. Hours	12.3%	14.9%	18.9%	4.1%	8.3%	14.9%	26.6%	100.0%

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- The overall participation rate of San Francisco workers on SSIP projects is currently **33.9%**.
- WW-541 SEP Oxygen Generation Plant Replacement has the highest local worker participation to date on SSIP with workers living in San Francisco working approximately three of every four hours worked on the project.

**Table 8. Worker Residence by Project**

Sorted by percentage of San Francisco hours as a percentage of total project hours

Project	Hours				% of Total Project Hours		
	Outside	San Francisco	Service Territory	Grand Total	Outside	San Francisco	Service Territory
WW-541 Southeast Water Pollution Control Plant Oxygen Generation Plant Replacement	2,225	8,580	705	11,509	19.3%	74.5%	6.1%
WW-683R - Sansome, 5th, 6th (North), and Division Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	3,649	5,765	315	9,729	37.5%	59.3%	3.2%
WW-572R Westside Pump Station Discharge Pipe Manifold	3,378	5,410	495	9,282	36.4%	58.3%	5.3%
WW-691 Sunset Boulevard Greenway -- Phase II Irving Street to Ulloa Street	1,225	2,981	1,538	5,743	21.3%	51.9%	26.8%
WW-653 - Marin Street Sewer Replacement	3,967	5,949	2,858	12,774	31.1%	46.6%	22.4%
WW-609R Holloway Green Street Stormwater Improvements	8,395	10,210	3,781	22,385	37.5%	45.6%	16.9%
WW-682R - Southeast Community Center at 1550 Evans	9,667	14,709	8,172	32,548	29.7%	45.2%	25.1%
WW-606R2 - Oceanside Water Pollution Control Plant Door and Building 930 Exterior and Awning Improvements	2,307	3,044	1,667	7,017	32.9%	43.4%	23.7%
WW-556 Southeast Water Pollution Control Plant Chemical System Relocation and Facility Upgrades	21,053	15,536	2,724	39,313	53.6%	39.5%	6.9%
WW-483RR North Shore to Channel Force Main Improvement and Pavement Renovation	38,197	41,603	25,882	105,681	36.1%	39.4%	24.5%
WW-647R - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	33,916	46,465	39,416	119,797	28.3%	38.8%	32.9%
WW-674R - Geary Boulevard Sewer and Water Improvements	9,623	14,867	14,251	38,740	24.8%	38.4%	36.8%
WW-627R - Baker Beach Green Streets	11,586	9,925	4,551	26,062	44.5%	38.1%	17.5%
WW-610R - Visitacion Valley Green Nodes, Rutland Street Sewer, and Sunnydale Pavement Improvements	7,060	6,518	5,350	18,928	37.3%	34.4%	28.3%
WW-639 - Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades	7,720	6,887	5,581	20,188	38.2%	34.1%	27.6%
WW-570 - Oceanside Water Pollution Control Plant and Westside Pump Station HVAC Upgrades	5,239	3,929	2,726	11,893	44.0%	33.0%	22.9%
WW-665 - Southeast Water Pollution Control Plant 042 Rehabilitation and Seismic Retrofit	10,490	7,177	4,141	21,808	48.1%	32.9%	19.0%
WW-687 - Force Main Rehabilitation at Embarcadero and Jackson	743	833	1,064	2,641	28.1%	31.6%	40.3%
WW-628 - Southeast Water Pollution Control Plant New Headworks Facility	90,626	54,745	31,582	176,953	51.2%	30.9%	17.8%
WW-605R Mission and Valencia Streets Green Gateway	8,869	5,943	5,187	19,998	44.4%	29.7%	25.9%
WW-657R - Drumm & Jackson Streets Sewer Improvements	8,897	4,382	1,664	14,943	59.5%	29.3%	11.1%
WW-626 Southeast Water Pollution Control Plant Primary and Secondary Clarifier Upgrades	39,958	20,167	14,900	75,025	53.3%	26.9%	19.9%
WW-696 - Cargo Way Flush Line	34	50	105	189	18.0%	26.5%	55.4%
WW-632 - Southeast Water Pollution Control Plant Existing Digester Gas Handling Improvements	9,505	5,777	6,803	22,086	43.0%	26.2%	30.8%
WW-599R - Southeast Water Pollution Control Plant Cryogenic Oxygen Plant Demolition and Liquid Oxygen System Upgrades	3,109	2,016	2,593	7,718	40.3%	26.1%	33.6%
WW-667 Mariposa Dry-Weather Pump Station	8,887	3,546	1,164	13,597	65.4%	26.1%	8.6%
WW-659 - Greenhouse Demolition at 1150 Phelps Street	1,840	868	739	3,446	53.4%	25.2%	21.4%
WW-651 - Griffith Pump Station Improvements	11,119	3,448	400	14,967	74.3%	23.0%	2.7%
WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades	53,433	17,590	5,370	76,392	69.9%	23.0%	7.0%
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	2,287	835	901	4,023	56.9%	20.8%	22.4%
WW-614R2 - North Point Outfall Rehabilitation	24,551	2,971	8,398	35,920	68.3%	8.3%	23.4%
<b>Grand Total</b>	<b>443,609</b>	<b>332,819</b>	<b>205,034</b>	<b>981,461</b>	<b>45.2%</b>	<b>33.9%</b>	<b>20.9%</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 to date, **14.2%** of all craft hours in apprenticeable trades have been worked by apprentices.
- Glaziers have utilized the most apprentices with nearly **80%** of all hours being worked by apprentices.
- Laborer Apprentices have worked **12%** of all Laborer hours.

**Table 9. Apprentice Utilization by Craft**

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

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

**Table 10. Apprentice Utilization by Project**

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

- 1,141 pre-employment tests have been administered on SSIP, with a total non-negative screening rate of **2.8%**. This rate is below the national average for the construction industry which is around 5% according to the U.S. Department of Labor.
- During the quarter, 243 pre-employment substance abuse screenings were administered, and six (6) individuals were prevented from working as the result of a non-negative test.

**Table 11. Workers’ Pre-Employment Clearance Data**

<b>Substance Abuse Testing Summary</b>	
<b>Project</b>	<b>Total</b>
WW-647R - SEP Biosolids Digester Facilities Project	476
WW-682R - Southeast Community Center at 1550 Evans	259
WW-628 - SEP New Headworks Facility	132
WW-614R2 - North Point Outfall Rehabilitation	116
WW-627R - Baker Beach Green Streets	27
WW-570 - OSP and Westside Pump Station HVAC Upgrades	23
WW-657R - Drumm & Jackson Streets Sewer Improvements	15
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	11
WW-667 - Mariposa Dry Weather Pump Station	10
WW-639 - OSP Digester Gas Utilization Upgrades	8
WW-665 - SEP 042 Rehabilitation and Seismic Retrofit	8
WW-606R2 - OSP Door and Building 930 Exterior and Awning Improvements	7
WW-651 - Griffith Pump Station Improvements	5
WW-687 - Force Main Improvements at Embarcadero and Jackson	4
WW-610R - Visitacion Valley Green Nodes	3
WW-632 - Southeast Water Pollution Control Plant Existing Digester Gas Handling Improvement	3
WW-599R - SEP Cryogenic Oxygen Plant Demolition and Liquid Oxygen System Upgrades	2
<b>Total Cleared</b>	<b>1,109</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 San Francisco and within the SFPUC service territory for work on SFPUC construction projects, including those covered by the PLA.

On March 28, 2006 the SFPUC adopted Resolution No. 06-0049 to authorize SFPUC staff to commence negotiations with the various craft labor unions for a project labor agreement covering the Water System Improvement Program (WSIP). Resolution No. 06-0049 concluded that the governmental interests of the SFPUC were furthered by a project labor agreement as follows:

“There are numerous advantages in moving forward on the negotiation of a PLA, which include but are not limited to the following: creates framework for labor harmony; militates against construction delays; assures steady supply of qualified labor; provides employment, career, and local business opportunities; and, other benefits ...”

On March 26, 2007, the SFPUC approved the negotiated agreement. The PLA requires construction contractors to utilize workers dispatched by signatory unions, and prohibits the unions and contractors from participating in strikes, lockouts, or other disruptions to the work. The PLA provides a procedure for adjudicating conflicting jurisdictional claims between the unions, provides for uniform hours of work, overtime, shifts and holidays, encourages the recruitment and training of low-income residents of the SFPUC service territory, and requires substance abuse testing for all covered workers. The first implementation of the PLA was on contract WD-2504 Stanford Heights Reservoir Seismic Retrofit and Improvement project which the SFPUC awarded to S.J. Amoroso Construction Co. Inc. on Jun. 26, 2007 in the amount of \$17,899,960.

In 2008, the Commission approved Addendum No. 1 of the Agreement, which extended the Agreement to the Advanced Meter Infrastructure (AMI) project.

In May 2016, the Commission approved an Extension Agreement which applied the terms of the PLA, as modified in that Extension Agreement, to Sewer System Improvement Program (SSIP) projects and specific AWSS Pumping Station 2 projects.

## **Governance and Certified Payroll Reporting System**

The parties to the PLA have established a four-person Joint Administrative Committee that reviews the implementation and progress of the PLA, and provides guidance to questions or concerns that arise in connection with the PLA. The SFPUC's Workforce and Economic Programs team within the Infrastructure Division administers the PLA under the direction of the Joint Administrative Committee.

Prior to the commencement of construction, representatives of participating contractors and subcontractors, the unions, and SFPUC staff, are required to attend a Pre-Job Conference. At the conference, the general contractor and subcontractors present their scope of work and make assignments based on traditional craft jurisdictional lines. When conflicting claims for work are submitted to a contractor, the corresponding Jurisdictional Dispute Resolution procedure appropriate to the trades involved is invoked so as to prevent delay or disruption of work.

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



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

**October 1, 2020 through December 31, 2020  
(Second Quarter FY 2020-2021)**

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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:

- Thirty-six (36) construction contracts, with a combined value of \$1.565 billion, have been awarded.
- 1,076,197 total craft hours have been worked by 4,230 workers who earned \$78.4 million in wages and benefits.
- 1,156 San Francisco residents worked 372,747 hours (**34.6%**) and earned over \$25.3 million in wages and benefits, exceeding the City’s Local Hiring requirement (20% to 30% on SSIP projects).
- 1,146 residents of the SFPUC’s Regional Service Territory worked 223,687 hours (**20.8%**) and earned over \$16.1 million in wages and benefits.

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

Region of Worker Residence	Inception Through December 31, 2020		
	Hours	Wages & Benefits	Worker Count
Outside	479,763	\$ 36,985,928	1,928
San Francisco	372,747	\$ 25,302,286	1,156
Service Territory	223,687	\$ 16,114,721	1,146
<b>Grand Total</b>	<b>1,076,197</b>	<b>\$ 78,402,934</b>	<b>4,230</b>

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

- No contracts were awarded during the quarter.
- 735 construction workers worked 94,736 hours and earned more than \$6.9 million in wages and benefits.
- 236 San Francisco residents worked 39,928 hours and earned \$2.6 million in wages and benefits.
- 204 SFPUC Service Territory residents worked 18,653 hours and earned more than \$1.4 million in wages and benefits.

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

Region of Worker Residence	Three Months Ending December 31, 2020		
	Hours	Wages & Benefits	Worker Count
Outside	36,154	\$ 2,839,989	295
San Francisco	39,928	\$ 2,639,026	236
Service Territory	18,653	\$ 1,425,473	204
<b>Grand Total</b>	<b>94,736</b>	<b>\$ 6,904,488</b>	<b>735</b>



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

Contract Number	Project	Award Date	Prime Contractor	Original Contract Award
WW-703	Mission Street, 16th to Cesar Chavez, Brick Sewer Rehabilitation	8/25/20	Cratus, Inc.	\$ 6,337,350
WW-662R	Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	7/28/20	Blocka Construction, Inc	\$ 30,744,200
WW-702R	Jackson, Griffith, and Pierce Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	7/14/20	Trinet Construction, Inc	\$ 3,886,300
WW-694	Lincoln Way/48th Ave Diversion Structure Modification	4/14/20	Marinship Development Interest, LLC	\$ 967,980
WW-696	Cargo Way Flush Line	2/25/20	JMB Construction, Inc.	\$ 4,486,280
WW-687	Force Main Improvements at Embarcadero and Jackson	1/14/20	Anvil Builders Inc.	\$ 5,986,222
WW-691	Sunset Boulevard Greenway -- Phase II Irving Street	7/23/19	Minerca Construction, Inc	\$ 2,572,351
WW-665	SEP 042 Rehabilitation And Seismic Retrofit	6/25/19	Western Water Constructors, Inc.	\$ 9,079,210
WW-683R	Sansome and Division Streets Combined Sewer Discharge Rehab	5/14/19	Trinet Construction Inc	\$ 4,907,090
WW-682R	Southeast Community Center at 1550 Evans	1/22/19	Charles Pankow Builders, Inc.	\$ 71,181,251
WW-627R	Baker Beach Green Streets	9/25/18	Minerva Construction	\$ 7,122,000
WW-667	Mariposa Dry-Weather Pump Station	9/11/18	Western Water Constructors, Inc.	\$ 17,031,000
WW-639	OSP Digester Gas Utilization Upgrades	8/28/18	Monterey Mechanical	\$ 38,449,000
WW-674R	Geary Boulevard Sewer and Water Improvements	8/28/18	JMB Construction, Inc.	\$ 16,246,547
WW-659	Greenhouse Demolition at 1150 Phelps Street/1800 Oakdale Avenue	2/27/18	Azul Works, Inc.	\$ 1,638,000
WW-657R	Drumm & Jackson Streets Sewer Improvements	1/9/18	Anvil Builders Inc.	\$ 5,240,900
WW-658	As-Needed Sewer Cleaning and Inspection of Large Sewers	8/8/17	Pipe and Plant Solutions	\$ 2,694,000
WW-651	Griffith Pump Station Improvements	7/11/17	Western Water Constructors, Inc.	\$ 10,941,000
WW-599R	SEP Cryogenic Oxygen Plant	6/13/17	Cal State Constructors	\$ 6,547,000
WW-647R	SEP Biosolids Digester Facilities	5/9/17	MWH Constructors/Webcor Builders JV	\$ 932,715,777
WW-610R	Visitation Valley Green Nodes	2/28/17	Minerva Construction	\$ 3,483,944
WW-653	Marin Street Sewer Replacement	2/28/17	Ranger Pipelines, Inc.	\$ 4,860,250
WW-614R2	North Point Outfall Rehabilitation	1/10/17	The Dutra Group	\$ 12,485,980
WW-632	SEP Existing Digester Gas Handling Improvements	1/10/17	Monterey Mechanical Company	\$ 9,536,000
DB-126	WWE Distributed Control System Upgrades	12/13/16	Emerson Process Management	\$ 20,425,000
WW-606R2	OSP Door and Building 930 Exterior Awning Improvements	12/13/16	Trinet Construction, Inc.	\$ 4,049,000
WW-628	SEP New Headworks Facility	5/24/16	Sundt/Walsh JV	\$ 224,652,224
WW-570	OSP and Westside Pump Station HVAC Upgrades	5/10/16	Blocka Construction, Inc.	\$ 6,138,000
WW-613	SEP Building 521/522 and Disinfection Upgrades	1/26/16	Western Water Constructors, Inc.	\$ 25,750,000
WW-626	SEP Primary and Secondary Clarifier Upgrades	1/12/16	Monterey Mechanical Company	\$ 23,588,000
WW-605R	Mission and Valencia Streets Green Gateway	11/10/15	Anvil Builders	\$ 2,949,013
WW-609R	Holloway Green Street Stormwater Improvements	9/22/15	M Squared Construction, Inc.	\$ 5,591,892
WW-572R	Westside Pump Station Discharge Pipe Manifold Upgrade	6/24/14	Cal State Constructors	\$ 4,145,047
WW-556	SEP Chemical System Relocation and Facility Upgrades	1/28/14	NTK Construction, Inc.	\$ 14,025,000
WW-541	SEP Oxygen Generation Plant Replacement	12/11/12	NTK Construction, Inc.	\$ 9,476,360
WW-483RR	N. Shore to Channel Force Main Improvements	4/24/12	K.J. Woods Construction, Inc.	\$ 15,488,000
<b>36 Projects</b>				<b>\$ 1,565,417,168</b>

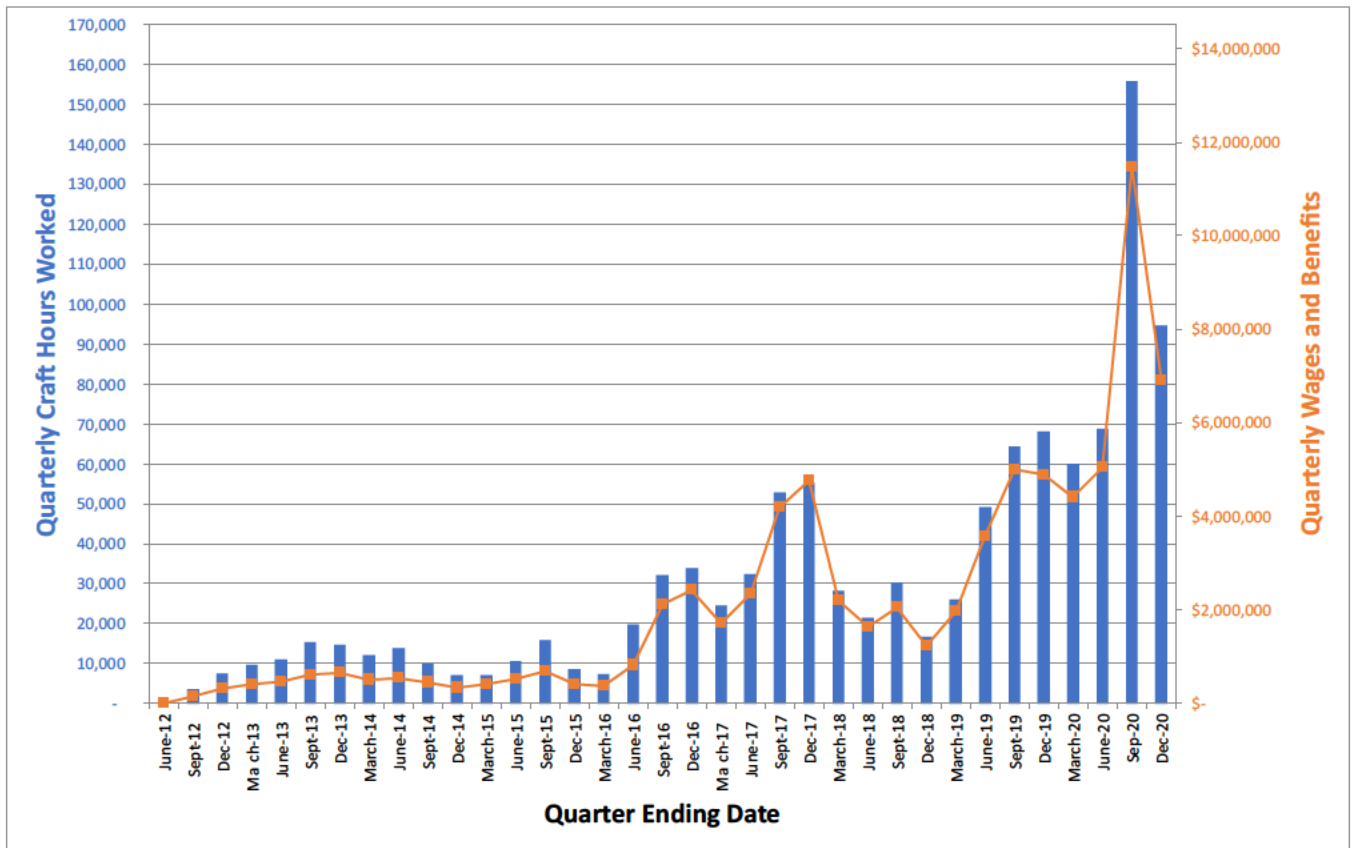
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## Summary Tables and Charts

### Craft Data

- During the quarter, construction workers worked more than 94,000 hours, and earned approximately \$6.9 million in wages and benefits.

**Chart 1. Craft Hours and Wages**



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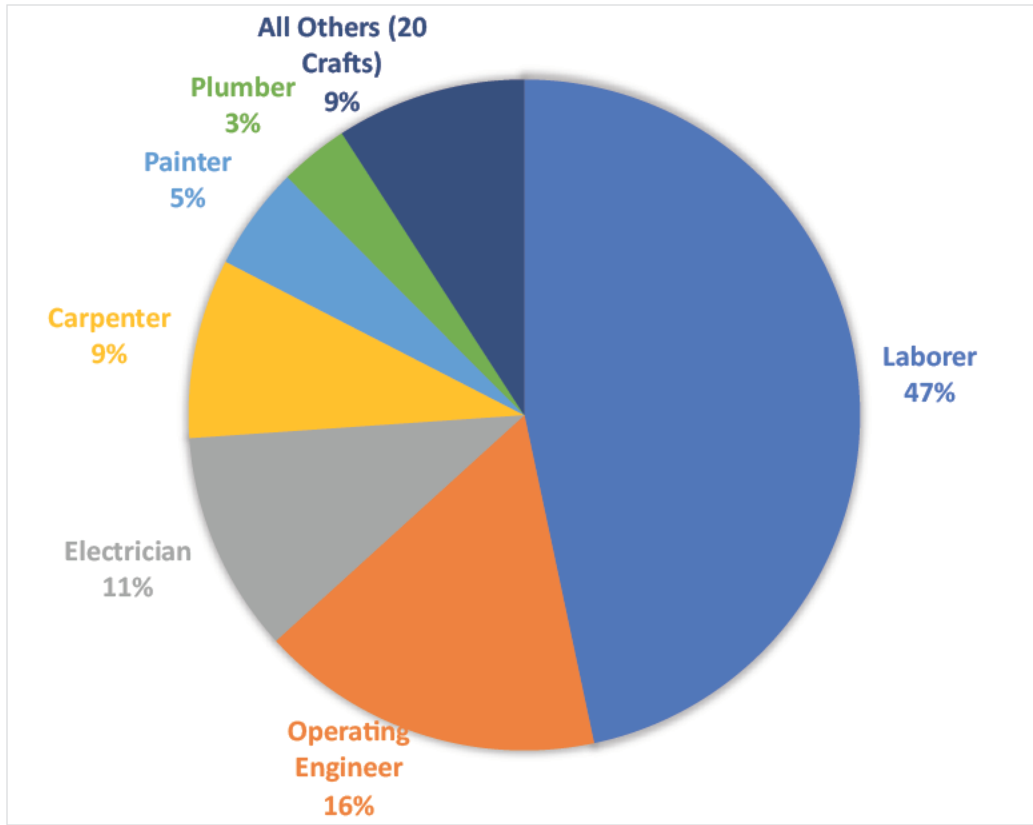
- 4,230 workers have worked 1,076,197 construction craft hours and earned \$78,402,934 in wages and benefits.
- Laborers, Operating Engineers, Electricians, Carpenters, Painters, and Plumbers worked **87.9%** of all hours, with over 955,000 combined hours worked.

**Table 4. Craft Utilization Table**

<b>Cumulative Employment by Craft</b>				
<b>Inception Through Dec 31, 2020</b>				
<b>Craft</b>	<b>Total Hours</b>	<b>Total Wages</b>	<b>% Craft Hours of Total Hours</b>	<b>% Wages of Total Wages</b>
Laborer	490,875	\$ 28,159,804	45.6%	35.9%
Operating Engineer	174,435	\$ 15,482,149	16.2%	19.7%
Electrician	111,996	\$ 10,798,243	10.4%	13.8%
Carpenter	91,061	\$ 6,881,041	8.5%	8.8%
Painter	52,418	\$ 3,686,548	4.9%	4.7%
Plumber	34,968	\$ 3,916,103	3.2%	5.0%
<b>Top 6 Crafts Sub-Total</b>	<b>955,753</b>	<b>\$ 68,923,888</b>	<b>88.8%</b>	<b>87.9%</b>
Iron Worker	25,751	\$ 1,727,289	2.4%	2.2%
Pile Driver	20,566	\$ 2,146,120	1.9%	2.7%
Cement Mason	18,658	\$ 1,153,471	1.7%	1.5%
Sheet Metal Worker	14,983	\$ 1,671,026	1.4%	2.1%
Field Surveyor	6,237	\$ 388,613	0.6%	0.5%
Plasterer	2,347	\$ 154,404	0.2%	0.2%
Asbestos Worker	1,713	\$ 63,823	0.2%	0.1%
Building/Construction Inspector	1,405	\$ 123,584	0.1%	0.2%
Roofer	1,310	\$ 82,612	0.1%	0.1%
Drywall Installer/Lather	1,021	\$ 67,337	0.1%	0.1%
Glazier	870	\$ 52,718	0.1%	0.1%
Electrical Utility Lineman	435	\$ 41,515	0.0%	0.1%
Bricklayer	412	\$ 22,605	0.0%	0.0%
Boilermaker	168	\$ 11,521	0.0%	0.0%
Metal Roofing Systems Installer	165	\$ 10,469	0.0%	0.0%
Sprinklerfitters	26	\$ 2,967	0.0%	0.0%
<b>Remaining Apprenticeable Sub-Total</b>	<b>96,063</b>	<b>\$ 7,720,075</b>	<b>8.9%</b>	<b>9.8%</b>
Teamster	13,391	\$ 920,144	1.2%	1.2%
Driver	5,673	\$ 402,588	0.5%	0.5%
Tunnel Worker	5,057	\$ 308,584	0.5%	0.4%
Diver	261	\$ 127,655	0.0%	0.2%
<b>Total Non-Apprenticeable</b>	<b>24,381</b>	<b>1,758,971</b>	<b>2.3%</b>	<b>2.2%</b>
<b>Grand Total</b>	<b>1,076,197</b>	<b>\$ 78,402,934</b>	<b>100.0%</b>	<b>100.0%</b>

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**Chart 2. Craft Utilization Pie Chart**

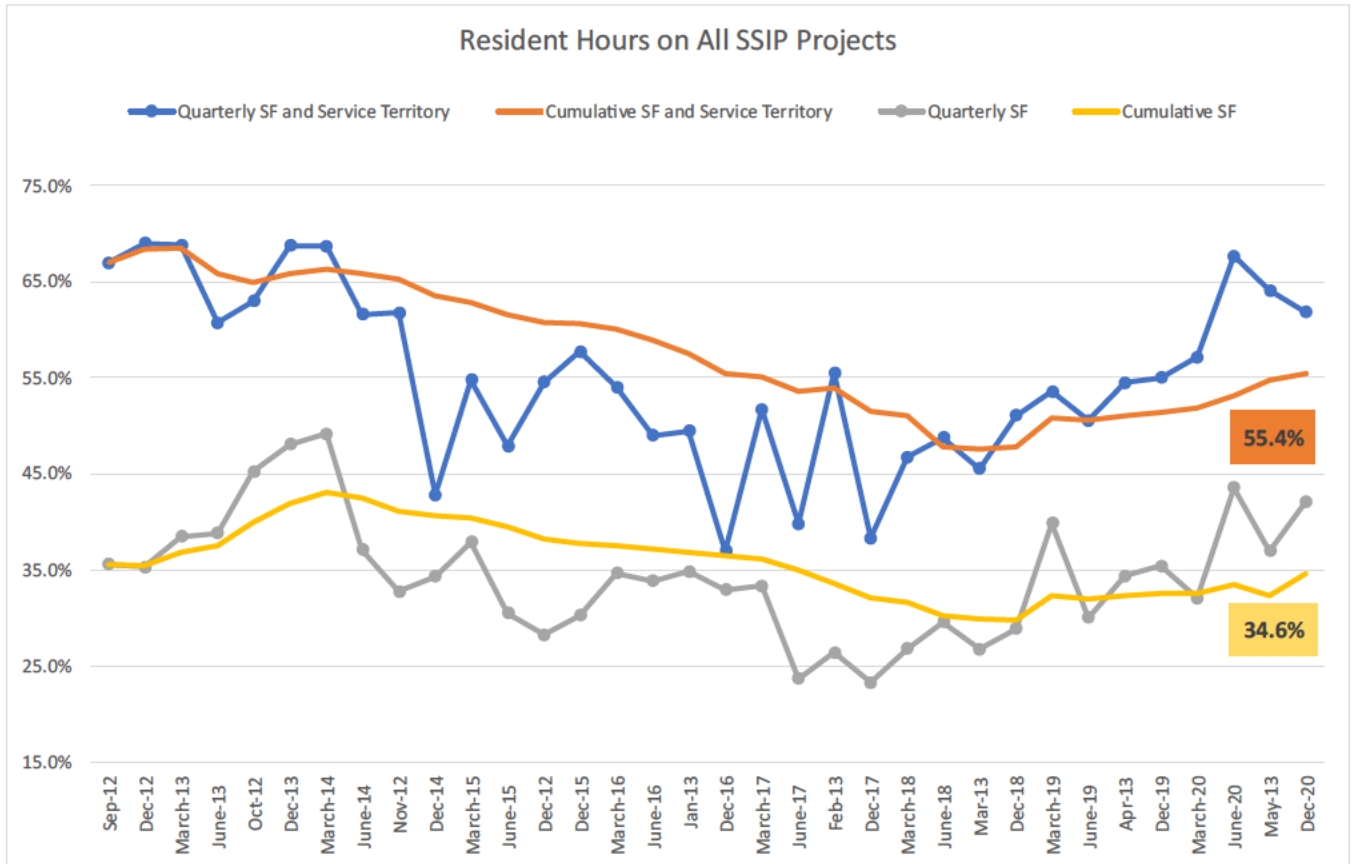


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**Worker Residence Data**

- Combined, San Francisco and SFPUC Regional Service Territory residents worked 55.4% of all construction craft hours on SSIP to date.
- San Francisco residents alone have worked 34.6% of all construction craft hours on SSIP to date.

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



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- San Francisco’s 1,156 workers worked **34.6%** of all the construction hours, as reported in the City’s online certified payroll reporting system, LCPtracker, Inc.
- San Francisco construction workers have earned more than \$25.3 million in wages and benefits.

**Table 5. Worker Residence by County**

SSIP-PLA Employment by Top 20 Counties of Residence				
Inception Through December 31, 2020				
County	Total Craft Hours	Wages & Benefits	% Craft Hours	Worker Count (Not Unique)
<b>San Francisco County</b>	<b>372,747</b>	<b>\$ 25,302,286</b>	<b>34.6%</b>	<b>1,156</b>
Contra Costa County	162,070	\$ 12,398,341	15.1%	656
Alameda County	127,434	\$ 8,748,481	11.8%	677
San Mateo County	81,880	\$ 6,009,629	7.6%	338
Solano County	63,522	\$ 5,227,235	5.9%	281
San Joaquin County	44,636	\$ 3,328,641	4.1%	215
Santa Clara County	24,331	\$ 1,526,646	2.3%	200
Sonoma County	22,466	\$ 1,600,384	2.1%	70
Sacramento County	19,215	\$ 1,663,774	1.8%	115
Stanislaus County	15,725	\$ 1,270,362	1.5%	80
Tulare County	14,698	\$ 862,328	1.4%	7
Merced County	12,616	\$ 1,065,556	1.2%	31
Fresno County	12,289	\$ 850,246	1.1%	14
Madera County	10,431	\$ 836,516	1.0%	15
Riverside County	9,941	\$ 736,083	0.9%	31
Marin County	8,648	\$ 577,758	0.8%	25
Clark County	7,182	\$ 578,168	0.7%	17
Kern County	7,047	\$ 439,322	0.7%	17
Monterey County	5,735	\$ 585,469	0.5%	23
Napa County	5,588	\$ 363,259	0.5%	28
<b>Top 20 Counties by Hours</b>	<b>1,028,200</b>	<b>\$ 73,970,483</b>	<b>95.5%</b>	<b>3,996</b>
All Other Counties	47,997	\$ 4,432,451	4.5%	246
<b>Grand Total</b>	<b>1,076,197</b>	<b>\$ 78,402,934</b>	<b>100.0%</b>	<b>4,242</b>

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

- Total hours worked by SF residents on SSIP to date is more than 372,000 hours.
- Workers living in the Southeast sector of the city, ZIP Codes 94124 (Bayview Hunters Point) and 94134 (Visitacion Valley, Portola), have worked more than 117,000 hours and have earned more than \$7.2 million in wages and benefits.
- Apprentices living in 94124 have worked nearly one third (**31.2%**) of all San Francisco resident apprentice hours.

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

Zip Code	Neighborhoods	Apprentice Hours	Journey Hours	Total Hours	Worker Count (Not Unique)
94124	Bayview Hunters Point	28,026	61,709	89,735	293
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	4,692	50,802	55,494	164
94110	Mission, Bernal Heights	11,185	26,335	37,519	126
94134	Visitacion Valley, Portola	6,424	21,386	27,809	96
94116	Sunset District, West Portal, Forest Hill	3,491	20,405	23,896	57
94121	Outer Richmond	5,745	12,324	18,069	44
94132	Lake Merced, Merced Heights, San Francisco State	3,538	13,115	16,653	44
94122	Inner Sunset, Outer Sunset	4,267	10,112	14,379	51
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	9,469	4,347	13,815	27
94103	SOMA	1,851	9,857	11,708	46
94102	Hayes Valley, Civic Center, Tenderloin	2,849	7,357	10,206	33
94118	Inner Richmond	1,054	8,044	9,098	17
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA	1,948	5,829	7,777	22
94107	SOMA, Dog Patch, Protrero Hill	1,329	6,190	7,518	42
94133	Chinatown, Telegraph Hill, North Beach, Fisherman's Wharf	866	5,513	6,378	14
94130	Treasure Island	3,157	2,327	5,484	8
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason	988	3,381	4,368	21
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park	545	3,358	3,903	18
94142	Tenderloin		1,902	1,902	2
94105	SOMA, Embarcadero	675	512	1,186	5
94114	Castro, Noe Valley	1,109	38	1,147	2
94108	Chinatown, Union Square	350	653	1,003	7
94158	Mission Bay	48	920	968	3
94188	P.O Box	232	724	956	7
94127	Balboa Terrace, St. Francis Wood, West Portal	14	510	524	8
94104	Financial District	58	456	514	1
94120	SOMA	176	291	467	3
94140	P.O Box		147	147	1
94123	Marina, Cow Hollow		83	83	3
94119	P.O Box		44	44	1
<b>Grand Total</b>		<b>94,081</b>	<b>278,666</b>	<b>372,747</b>	<b>1,166</b>

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- Laborers living in San Francisco have worked more than half (**51.9%**) of all San Francisco hours.
- San Francisco apprentice Laborers have worked a little less than half (**48.3%**) of the 94,081 hours worked by San Francisco apprentices.

**Table 7. Worker Residence by Craft**

		Laborer	Operating Engineer	Electrician	Carpenter	Painter	Plumber	All Others	SSIP Grand Total
<b>T o t a l</b>	<b>Total Hours</b>	490,875	174,435	111,996	91,061	52,418	34,968	120,444	<b>1,076,197</b>
	<b>Craft Total of SSIP Total</b>	45.6%	16.2%	10.4%	8.5%	4.9%	3.2%	11.2%	
	<b>San Francisco Hours</b>	193,296	57,064	40,201	26,095	9,373	12,787	33,932	<b>372,747</b>
	<b>% SF Craft of Total SF Hours</b>	51.9%	15.3%	10.8%	7.0%	2.5%	3.4%	9.1%	
	<b>Regional Service Territory Hours</b>	101,720	45,383	18,034	10,104	6,538	8,414	33,496	<b>223,687</b>
	<b>% Rgnl Serv Ter Hours of Total Rgnl Serv Ter Hours</b>	45.5%	20.3%	8.1%	4.5%	2.9%	3.8%	15.0%	
		Laborer	Electrician	Carpenter	Painter	Operating Engineer	Plumber	All Others	SSIP Grand Total
<b>A p p r e n t i c e</b>	<b>Total Hours</b>	56,390	21,940	20,730	11,718	10,930	7,556	17,693	<b>146,957</b>
	<b>Craft Total of SSIP Total</b>	38.4%	14.9%	14.1%	8.0%	7.4%	5.1%	12.0%	
	<b>San Francisco Hours</b>	45,434	15,801	8,820	3,413	8,455	3,725	8,434	<b>94,081</b>
	<b>% SF Craft of Total SF Hours</b>	48.3%	16.8%	9.4%	3.6%	9.0%	4.0%	9.0%	
	<b>Regional Service Territory Hours</b>	2,051	2,369	3,494	681	1,316	2,367	4,414	<b>16,691</b>
	<b>% Rgnl Serv Ter Hours of Total Rgnl Serv Ter Hours</b>	12.3%	14.2%	20.9%	4.1%	7.9%	14.2%	26.4%	



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- The overall participation rate of San Francisco workers on SSIP projects is currently **34.6%**.
- WW-541 SEP Oxygen Generation Plant Replacement has the highest local worker participation to date on SSIP with workers living in San Francisco working approximately three of every four hours worked on the project.

**Table 8. Worker Residence by Project**

Sorted by percentage of San Francisco hours as a percentage of total project hours

Project	Hours				% of Total Project Hours		
	Outside	San Francisco	Service Territory	Grand Total	Outside	San Francisco	Service Territory
WW-541 Southeast Water Pollution Control Plant Oxygen Generation Plant Replacement	2,225	8,580	705	11,509	19.3%	74.5%	6.1%
WW-683R - Sansome, 5th, 6th (North), and Division Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	5,591	8,798	432	14,821	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	3,279	1,740	6,416	21.8%	51.1%	27.1%
WW-682R - Southeast Community Center at 1550 Evans	13,108	23,033	10,201	46,342	28.3%	49.7%	22.0%
WW-653 - Marin Street Sewer Replacement	3,967	5,949	2,858	12,774	31.1%	46.6%	22.4%
WW-609R Holloway Green Street Stormwater Improvements	8,395	10,210	3,781	22,385	37.5%	45.6%	16.9%
WW-606R2 - Oceanside Water Pollution Control Plant Door and Building 930 Exterior and Awning Improvements	2,307	3,044	1,667	7,017	32.9%	43.4%	23.7%
WW-696 - Cargo Way Flush Line	756	602	105	1,462	51.7%	41.2%	7.1%
WW-556 Southeast Water Pollution Control Plant Chemical System Relocation and Facility Upgrades	21,053	15,536	2,724	39,313	53.6%	39.5%	6.9%
WW-483RR North Shore to Channel Force Main Improvement and Pavement Renovation	38,197	41,603	25,882	105,681	36.1%	39.4%	24.5%
WW-662R - Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	44	28		72	61.1%	38.9%	0.0%
WW-647R - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	46,606	59,502	49,287	155,395	30.0%	38.3%	31.7%
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-671(I) Fillmore and Haight Street Intersection, AWSS, Pavement, and Sewer Replacement	1,170	765	202	2,136	54.8%	35.8%	9.4%
WW-639 - Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades	8,723	8,400	6,461	23,585	37.0%	35.6%	27.4%
WW-610R - Visitation Valley Green Nodes, Rutland Street Sewer, and Sunnydale Pavement Improvements	7,060	6,518	5,350	18,928	37.3%	34.4%	28.3%
WW-665 - Southeast Water Pollution Control Plant 042 Rehabilitation and Seismic Retrofit	11,481	7,862	4,423	23,766	48.3%	33.1%	18.6%
WW-570 - Oceanside Water Pollution Control Plant and Westside Pump Station HVAC Upgrades	5,239	3,929	2,726	11,893	44.0%	33.0%	22.9%
WW-628 - Southeast Water Pollution Control Plant New Headworks Facility	100,746	63,533	34,939	199,218	50.6%	31.9%	17.5%
WW-687 - Force Main Rehabilitation at Embarcadero and Jackson	1,888	1,544	1,432	4,863	38.8%	31.7%	29.4%
WW-605R Mission and Valencia Streets Green Gateway	8,869	5,943	5,187	19,998	44.4%	29.7%	25.9%
WW-667 Mariposa Dry-Weather Pump Station	11,441	5,370	1,467	18,278	62.6%	29.4%	8.0%
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	11,186	3,448	400	15,034	74.4%	22.9%	2.7%
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	2,287	835	901	4,023	56.9%	20.8%	22.4%
WW-614R2 - North Point Outfall Rehabilitation	24,551	2,971	8,398	35,920	68.3%	8.3%	23.4%
<b>Grand Total</b>	<b>479,763</b>	<b>372,747</b>	<b>223,687</b>	<b>1,076,197</b>	<b>44.6%</b>	<b>34.6%</b>	<b>20.8%</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 to date, **14.0%** of all craft hours in apprenticeable trades have been worked by apprentices.
- Glaziers have utilized the most apprentices with **79.4%** of all hours being worked by apprentices.
- Laborer Apprentices have worked **11.5%** of all Laborer hours.

**Table 9. Apprentice Utilization by Craft**

Craft	Apprentice Hours	Journey Hours	Total Hours	Apprentice Percentage of Craft Total (Apprentice/Total)
Glazier	691	179	870	79.4%
Metal Roofing Systems Installer	72	93	165	43.6%
Iron Worker	6,785	18,966	25,751	26.3%
Carpenter	20,730	70,331	91,061	22.8%
Painter	11,718	40,700	52,418	22.4%
Plumber	7,556	27,413	34,968	21.6%
Electrician	21,940	90,056	111,996	19.6%
Field Surveyor	1,123	5,114	6,237	18.0%
Cement Mason	3,227	15,431	18,658	17.3%
Sheet Metal Worker	2,333	12,650	14,983	15.6%
Roofer	199	1,111	1,310	15.2%
Pile Driver	2,933	17,633	20,566	14.3%
Laborer	56,390	434,485	490,875	11.5%
Drywall Installer/Lather	108	913	1,021	10.5%
Electrical Utility Lineman	36	399	435	8.3%
Asbestos Worker	128	1,585	1,713	7.5%
Operating Engineer	10,930	163,505	174,435	6.3%
Building/Construction Inspector	44	1,362	1,405	3.1%
Plasterer	16	2,331	2,347	0.7%
Boilermaker		168	168	0.0%
Bricklayer		412	412	0.0%
Sprinklerfitters		26	26	0.0%
<b>Apprenticeable Sub-total</b>	<b>146,957</b>	<b>904,859</b>	<b>1,051,816</b>	<b>14.0%</b>
Teamster		13,391	13,391	0.0%
Driver		5,673	5,673	0.0%
Tunnel Worker		5,057	5,057	0.0%
Diver		261	261	0.0%
<b>Grand Total</b>	<b>146,957</b>	<b>929,240</b>	<b>1,076,197</b>	<b>13.7%</b>

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- WW-613 SEP Building 521/522 and Disinfection Upgrades has the highest apprentice utilization to date with **22.0%** of all hours worked by apprentices.
- WW-628 Southeast Water Pollution Control Plant New Headworks Facility's apprentice utilization is currently **15.9%**.

**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-682R - Southeast Community Center at 1550 Evans	8,672	37,670	46,342	18.7%
WW-651 - Griffith Pump Station Improvements	2,757	12,277	15,034	18.3%
WW-627R - Baker Beach Green Streets	4,685	21,517	26,202	17.9%
WW-632 - Southeast Water Pollution Control Plant Existing Digester Gas Handling Improvements	3,580	18,506	22,086	16.2%
WW-570 - Oceanside Water Pollution Control Plant and Westside Pump Station HVAC Upgrades	1,904	9,990	11,893	16.0%
WW-628 - Southeast Water Pollution Control Plant New Headworks Facility	31,680	167,538	199,218	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-665 - Southeast Water Pollution Control Plant 042 Rehabilitation and Seismic Retrofit	3,594	20,173	23,766	15.1%
WW-657R - Drumm & Jackson Streets Sewer Improvements	2,190	12,753	14,943	14.7%
WW-683R - Sansome, 5th, 6th (North), and Division Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	2,033	12,788	14,821	13.7%
WW-667 Mariposa Dry-Weather Pump Station	2,501	15,777	18,278	13.7%
WW-541 Southeast Water Pollution Control Plant Oxygen Generation Plant Replacement	1,566	9,943	11,509	13.6%
WW-691 Sunset Boulevard Greenway – Phase II Irving Street to Ulloa Street	873	5,543	6,416	13.6%
WW-605R Mission and Valencia Streets Green Gateway	2,720	17,278	19,998	13.6%
WW-483RR North Shore to Channel Force Main Improvement and Pavement Renovation	14,364	91,318	105,681	13.6%
WW-639 - Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades	3,159	20,426	23,585	13.4%
WW-614R2 - North Point Outfall Rehabilitation	2,750	33,170	35,920	7.7%
WW-610R - Visitacion Valley Green Nodes, Rutland Street Sewer, and Sunnysdale Pavement Improvements	1,251	17,677	18,928	6.6%
WW-609R Holloway Green Street Stormwater Improvements	1,328	21,057	22,385	5.9%
WW-647R - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	8,375	147,019	155,395	5.4%
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-696 - Cargo Way Flush Line	26	1,436	1,462	1.8%
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	54	4,809	4,863	1.1%
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	14	4,009	4,023	0.3%
WW-662R - Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades		72	72	0.0%
WW-671(I) Fillmore and Haight Street Intersection, AWSS, Pavement, and Sewer Replacement		2,136	2,136	0.0%
<b>Grand Total</b>	<b>146,957</b>	<b>929,240</b>	<b>1,076,197</b>	<b>13.7%</b>

## Substance Abuse Prevention Program and Safety

The PLA requires pre-employment alcohol and drug testing for all covered employees. The policy also allows testing where the contractor has reasonable cause to believe that the employee has used drugs or alcohol, and mandates testing where a contractor concludes that an employee was under the influence of drugs or alcohol at the time of an accident.

- 1,384 pre-employment tests have been administered on SSIP, with a total non-negative screening rate of 2.5%. This rate is below the national average for the construction industry which is around 5% according to the U.S. Department of Labor.
- During the quarter, 243 pre-employment substance abuse screenings were administered, and two (2) individuals were prevented from working as the result of a non-negative test.

**Table 11. Workers’ Pre-Employment Clearance Data**

<b>Tests Administered to Individuals Cleared to Work Through 12/31/2020</b>	
Project	Number Cleared
WW-647R - SEP Biosolids Digester Facilities Project	651
WW-682R - Southeast Community Center at 1550 Evans	311
WW-628 - SEP New Headworks Facility	146
WW-614R2 - North Point Outfall Rehabilitation	116
WW-627R - Baker Beach Green Streets	27
WW-570 - OSP and Westside Pump Station HVAC Upgrades	23
WW-657R - Drumm & Jackson Streets Sewer Improvements	15
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	11
WW-667 - Mariposa Dry Weather Pump Station	10
WW-639 -OSP Digester GasUtilization Upgrades	8
WW-665 - SEP 042 Rehabilitation and Seismic Retrofit	8
WW-606R2 - OSP Door and Building 930 Exterior and Awning Improvements	7
WW-651 - Griffith Pump Station Improvements	5
WW-687 - Force Main Improvements at Embarcadero and Jackson	4
WW-610R - Visitacion Valley Green Nodes	3
WW-632 - Southeast Water Pollution Control Plant Existing Digester Gas Handling Improvement	3
WW-599R - SEP Cryogenic Oxygen Plant Demolition and Liquid Oxygen System Upgrades	2
<b>Total Cleared</b>	<b>1,350</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 San Francisco and within the SFPUC service territory for work on SFPUC construction projects, including those covered by the PLA.

On March 28, 2006 the SFPUC adopted Resolution No. 06-0049 to authorize SFPUC staff to commence negotiations with the various craft labor unions for a project labor agreement covering the Water System Improvement Program (WSIP). Resolution No. 06-0049 concluded that the governmental interests of the SFPUC were furthered by a project labor agreement as follows:

“There are numerous advantages in moving forward on the negotiation of a PLA, which include but are not limited to the following: creates framework for labor harmony; militates against construction delays; assures steady supply of qualified labor; provides employment, career, and local business opportunities; and, other benefits ...”

On March 26, 2007, the SFPUC approved the negotiated agreement. The PLA requires construction contractors to utilize workers dispatched by signatory unions, and prohibits the unions and contractors from participating in strikes, lockouts, or other disruptions to the work. The PLA provides a procedure for adjudicating conflicting jurisdictional claims between the unions, provides for uniform hours of work, overtime, shifts and holidays, encourages the recruitment and training of low-income residents of the SFPUC service territory, and requires substance abuse testing for all covered workers. The first implementation of the PLA was on contract WD-2504 Stanford Heights Reservoir Seismic Retrofit and Improvement project which the SFPUC awarded to S.J. Amoroso Construction Co. Inc. on Jun. 26, 2007 in the amount of \$17,899,960.

In 2008, the Commission approved Addendum No. 1 of the Agreement, which extended the Agreement to the Advanced Meter Infrastructure (AMI) project.

In May 2016, the Commission approved an Extension Agreement which applied the terms of the PLA, as modified in that Extension Agreement, to Sewer System Improvement Program (SSIP) projects and specific AWSS Pumping Station 2 projects.

## **Governance and Certified Payroll Reporting System**

The parties to the PLA have established a four-person Joint Administrative Committee that reviews the implementation and progress of the PLA, and provides guidance to questions or concerns that arise in connection with the PLA. The SFPUC's Workforce and Economic Programs team within the Infrastructure Division administers the PLA under the direction of the Joint Administrative Committee.

Prior to the commencement of construction, representatives of participating contractors and subcontractors, the unions, and SFPUC staff, are required to attend a Pre-Job Conference. At the conference, the general contractor and subcontractors present their scope of work and make assignments based on traditional craft jurisdictional lines. When conflicting claims for work are submitted to a contractor, the corresponding Jurisdictional Dispute Resolution procedure appropriate to the trades involved is invoked so as to prevent delay or disruption of work.

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



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

**January 1, 2021 through March 31, 2021  
(Third Quarter FY 2020-2021)**

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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:

- Thirty-eight (38) construction contracts, with a combined value of \$1.639 billion, have been awarded.
- 1,194,759 total craft hours have been worked by 4,593 workers who earned \$87.6 million in wages and benefits.
- 1,248 San Francisco residents worked 414,143 hours (**34.7%**) and earned over \$28.2 million in wages and benefits, exceeding the City’s Local Hiring requirement (20% to 30% on SSIP projects).
- 1,289 residents of the SFPUC’s Regional Service Territory worked 251,975 hours (**21.1%**) and earned over \$18.4 million in wages and benefits.

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

Region of Worker Residence	Inception Through March 31, 2021		
	Hours	Wages & Benefits	Worker Count
Outside	528,641	\$ 40,925,211	2,105
San Francisco	414,143	\$ 28,284,400	1,248
Service Territory	251,975	\$ 18,365,962	1,289
<b>Grand Total</b>	<b>1,194,759</b>	<b>\$87,575,572</b>	<b>4,593</b>

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

- Two contracts were awarded:
  - WW-645R Westside Pump Station Reliability Improvements was awarded to Anvil Builders, Inc., for \$48,328,300.
  - WW-685R North Shore Pump Station, Wet Weather Improvements was awarded to Western Water Constructors, Inc., for \$26,010,000.
  
- 826 construction workers worked 120,697 hours and earned more than \$9.3 million in wages and benefits.
  
- 249 San Francisco residents worked 42,161 hours and earned \$3.03 million in wages and benefits.
  
- 220 SFPUC Service Territory residents worked 28,490 hours and earned more than \$2.3 million in wages and benefits.

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

Region of Worker Residence	Three Months Ending March 31, 2021		
	Hours	Wages & Benefits	Worker Count
Outside	50,047	\$ 4,022,193	358
San Francisco	42,161	\$ 3,029,914	249
Service Territory	28,490	\$ 2,264,437	220
<b>Grand Total</b>	<b>120,697</b>	<b>\$ 9,316,544</b>	<b>826</b>

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

SSIP Construction Contracts				
Inception through March 31, 2021				
Contract Number	Project	Award Date	Prime Contractor	Original Contract Award
WW-645R	Westside Pump Station Reliability Improvements	2/23/21	Anvil Builders, Inc	\$ 48,328,300
WW-685R	North Shore Pump Station, Wet Weather Improvements	1/26/21	Western Water Constructors	\$ 26,010,000
WW-703	Mission Street, 16th to Cesar Chavez, Brick Sewer Rehabilitation	8/25/20	Cratus, Inc.	\$ 6,337,350
WW-662R	Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	7/28/20	Blocka Construction, Inc	\$ 30,744,200
WW-702R	Jackson, Griffith, and Pierce Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	7/14/20	Trinet Construction, Inc	\$ 3,886,300
WW-694	Lincoln Way/48th Ave Diversion Structure Modification	4/14/20	Marinship Development Interest, LLC	\$ 967,980
WW-696	Cargo Way Flush Line	2/25/20	JMB Construction, Inc.	\$ 4,486,280
WW-687	Force Main Improvements at Embarcadero and Jackson	1/14/20	Anvil Builders Inc.	\$ 5,986,222
WW-691	Sunset Boulevard Greenway -- Phase II Irving Street	7/23/19	Minerca Construction, Inc	\$ 2,572,351
WW-665	SEP 042 Rehabilitation And Seismic Retrofit	6/25/19	Western Water Constructors, Inc.	\$ 9,079,210
WW-683R	Sansome and Division Streets Combined Sewer Discharge Rehab	5/14/19	Trinet Construction Inc	\$ 4,907,090
WW-682R	Southeast Community Center at 1550 Evans	1/22/19	Charles Pankow Builders, Inc.	\$ 71,181,251
WW-627R	Baker Beach Green Streets	9/25/18	Minerva Construction	\$ 7,122,000
WW-667	Mariposa Dry-Weather Pump Station	9/11/18	Western Water Constructors, Inc.	\$ 17,031,000
WW-639	OSP Digester Gas Utilization Upgrades	8/28/18	Monterey Mechanical	\$ 38,449,000
WW-674R	Geary Boulevard Sewer and Water Improvements	8/28/18	JMB Construction, Inc.	\$ 16,246,547
WW-659	Greenhouse Demolition at 1150 Phelps Street/1800 Oakdale Avenue	2/27/18	Azul Works, Inc.	\$ 1,638,000
WW-657R	Drumm & Jackson Streets Sewer Improvements	1/9/18	Anvil Builders Inc.	\$ 5,240,900
WW-658	As-Needed Sewer Cleaning and Inspection of Large Sewers	8/8/17	Pipe and Plant Solutions	\$ 2,694,000
WW-651	Griffith Pump Station Improvements	7/11/17	Western Water Constructors, Inc.	\$ 10,941,000
WW-599R	SEP Cryogenic Oxygen Plant	6/13/17	Cal State Constructors	\$ 6,547,000
WW-647R	SEP Biosolids Digester Facilities	5/9/17	MWH Constructors/Webcor Builders JV	\$ 932,715,777
WW-610R	Visitacion Valley Green Nodes	2/28/17	Minerva Construction	\$ 3,483,944
WW-653	Marin Street Sewer Replacement	2/28/17	Ranger Pipelines, Inc.	\$ 4,860,250
WW-614R2	North Point Outfall Rehabilitation	1/10/17	The Dutra Group	\$ 12,485,980
WW-632	SEP Existing Digester Gas Handling Improvements	1/10/17	Monterey Mechanical Company	\$ 9,536,000
DB-126	WWE Distributed Control System Upgrades	12/13/16	Emerson Process Management	\$ 20,425,000
WW-606R2	OSP Door and Building 930 Exterior Awning Improvements	12/13/16	Trinet Construction, Inc.	\$ 4,049,000
WW-628	SEP New Headworks Facility	5/24/16	Sundt/Walsh JV	\$ 224,652,224
WW-570	OSP and Westside Pump Station HVAC Upgrades	5/10/16	Blocka Construction, Inc.	\$ 6,138,000
WW-613	SEP Building 521/522 and Disinfection Upgrades	1/26/16	Western Water Constructors, Inc.	\$ 25,750,000
WW-626	SEP Primary and Secondary Clarifier Upgrades	1/12/16	Monterey Mechanical Company	\$ 23,588,000
WW-605R	Mission and Valencia Streets Green Gateway	11/10/15	Anvil Builders	\$ 2,949,013
WW-609R	Holloway Green Street Stormwater Improvements	9/22/15	M Squared Construction, Inc.	\$ 5,591,892
WW-572R	Westside Pump Station Discharge Pipe Manifold Upgrade	6/24/14	Cal State Constructors	\$ 4,145,047
WW-556	SEP Chemical System Relocation and Facility Upgrades	1/28/14	NTK Construction, Inc.	\$ 14,025,000
WW-541	SEP Oxygen Generation Plant Replacement	12/11/12	NTK Construction, Inc.	\$ 9,476,360
WW-483RR	N. Shore to Channel Force Main Improvements	4/24/12	K.J. Woods Construction, Inc.	\$ 15,488,000
<b>38 Projects</b>				<b>\$ 1,639,755,468</b>

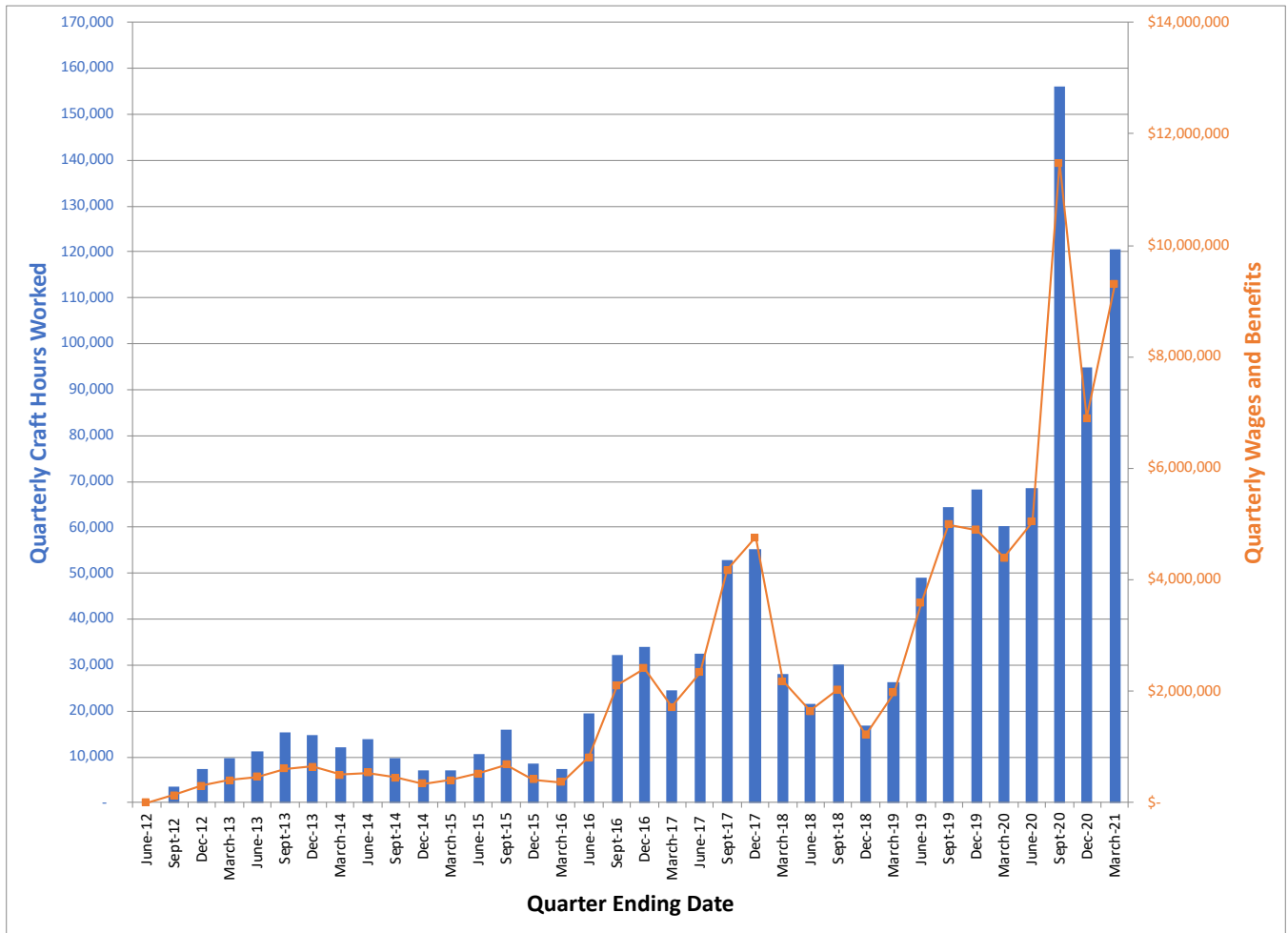
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## Summary Tables and Charts

### Craft Data

- During the quarter, construction workers worked 120,697 hours and earned approximately \$9.3 million in wages and benefits.

**Chart 1. Craft Hours and Wages**



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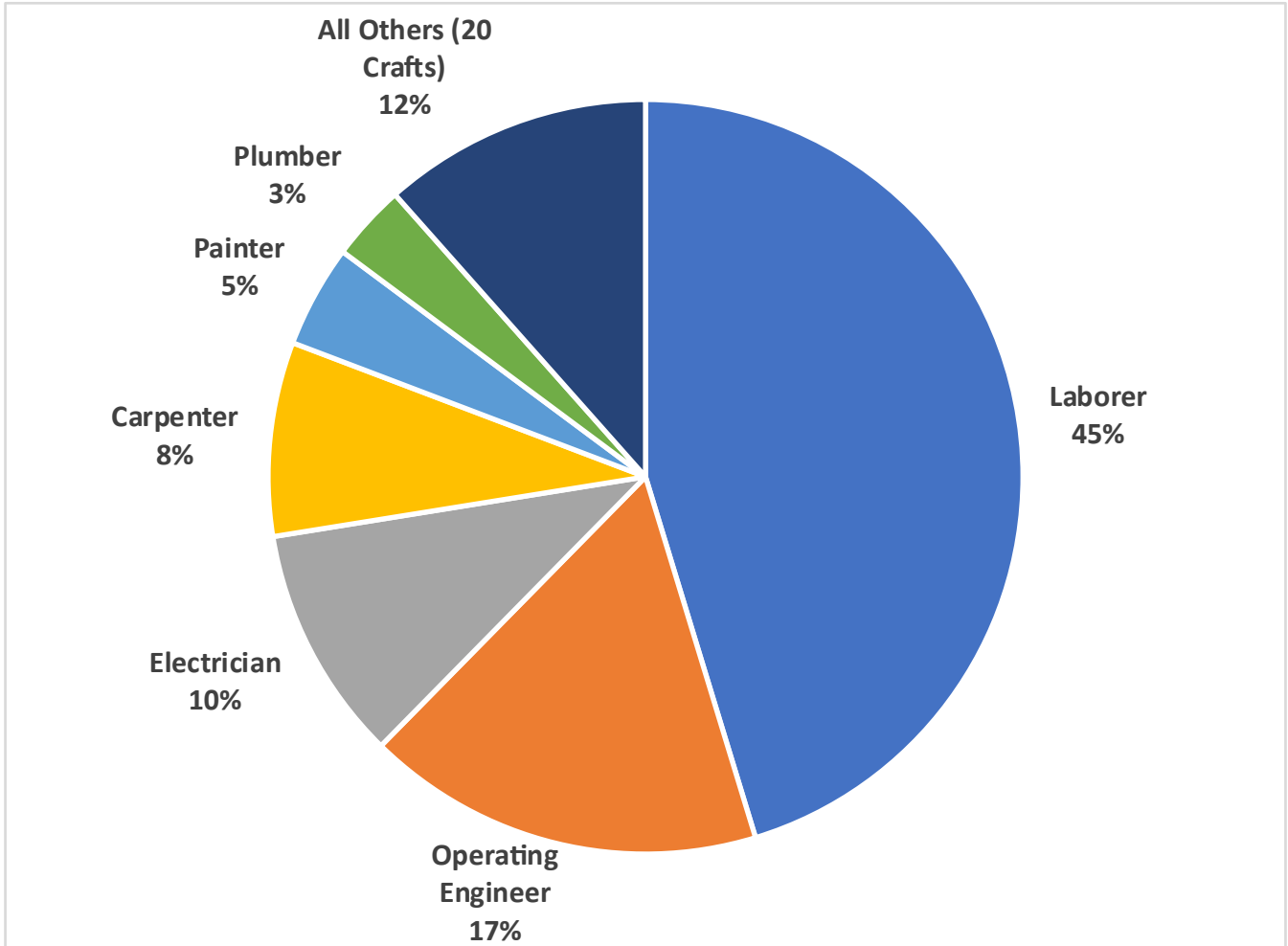
- 4,593 workers have worked 1,194,759 construction craft hours and earned \$87,575,572 in wages and benefits.
- Laborers, Operating Engineers, Electricians, Carpenters, Painters, and Plumbers worked **88.5%** of all hours, with over 1.06 million combined hours worked.

**Table 4. Craft Utilization Table**

<b>Cumulative Employment by Craft</b>				
<b>Inception Through March 31, 2021</b>				
Craft	Total Hours	Total Wages	% Craft Hours of Total Hours	% Wages of Total Wages
Laborer	541,133	\$ 31,249,950	45.3%	35.7%
Operating Engineer	203,918	\$ 17,957,783	17.1%	20.5%
Electrician	120,706	\$ 11,753,792	10.1%	13.4%
Carpenter	99,365	\$ 7,621,118	8.3%	8.7%
Painter	52,538	\$ 3,695,920	4.4%	4.2%
Plumber	39,115	\$ 4,398,065	3.3%	5.0%
<b>Top 6 Crafts Sub-Total</b>	<b>1,056,774</b>	<b>76,676,628</b>	<b>88.5%</b>	<b>87.6%</b>
Iron Worker	30,335	\$ 2,050,763	2.5%	2.3%
Pile Driver	20,862	\$ 2,173,881	1.7%	2.5%
Cement Mason	20,499	\$ 1,271,537	1.7%	1.5%
Sheet Metal Worker	15,494	\$ 1,720,024	1.3%	2.0%
Field Surveyor	6,828	\$ 433,884	0.6%	0.5%
Plasterer	3,959	\$ 278,878	0.3%	0.3%
Asbestos Worker	1,713	\$ 63,823	0.1%	0.1%
Roofer	1,670	\$ 106,706	0.1%	0.1%
Building/Construction Inspector	1,449	\$ 127,036	0.1%	0.1%
Drywall Installer/Lather	1,021	\$ 67,337	0.1%	0.1%
Glazier	870	\$ 52,718	0.1%	0.1%
Electrical Utility Lineman	435	\$ 41,515	0.0%	0.0%
Bricklayer	412	\$ 22,605	0.0%	0.0%
Boilermaker	168	\$ 11,521	0.0%	0.0%
Metal Roofing Systems Installer	165	\$ 10,469	0.0%	0.0%
Sprinklerfitters	26	\$ 2,967	0.0%	0.0%
<b>Remaining Apprenticable Sub-Total</b>	<b>105,902</b>	<b>8,435,664</b>	<b>8.9%</b>	<b>9.6%</b>
Teamster	20,738	\$ 1,596,721	1.7%	1.8%
Driver	6,029	\$ 430,320	0.5%	0.5%
Tunnel Worker	5,057	\$ 308,584	0.4%	0.4%
Diver	261	\$ 127,655	0.0%	0.1%
<b>Total Non-Apprenticable</b>	<b>32,084</b>	<b>\$ 2,463,280</b>	<b>2.7%</b>	<b>2.8%</b>
<b>Grand Total</b>	<b>1,194,759</b>	<b>\$ 87,575,572</b>	<b>100.0%</b>	<b>100.0%</b>

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**Chart 2. Craft Utilization Pie Chart**

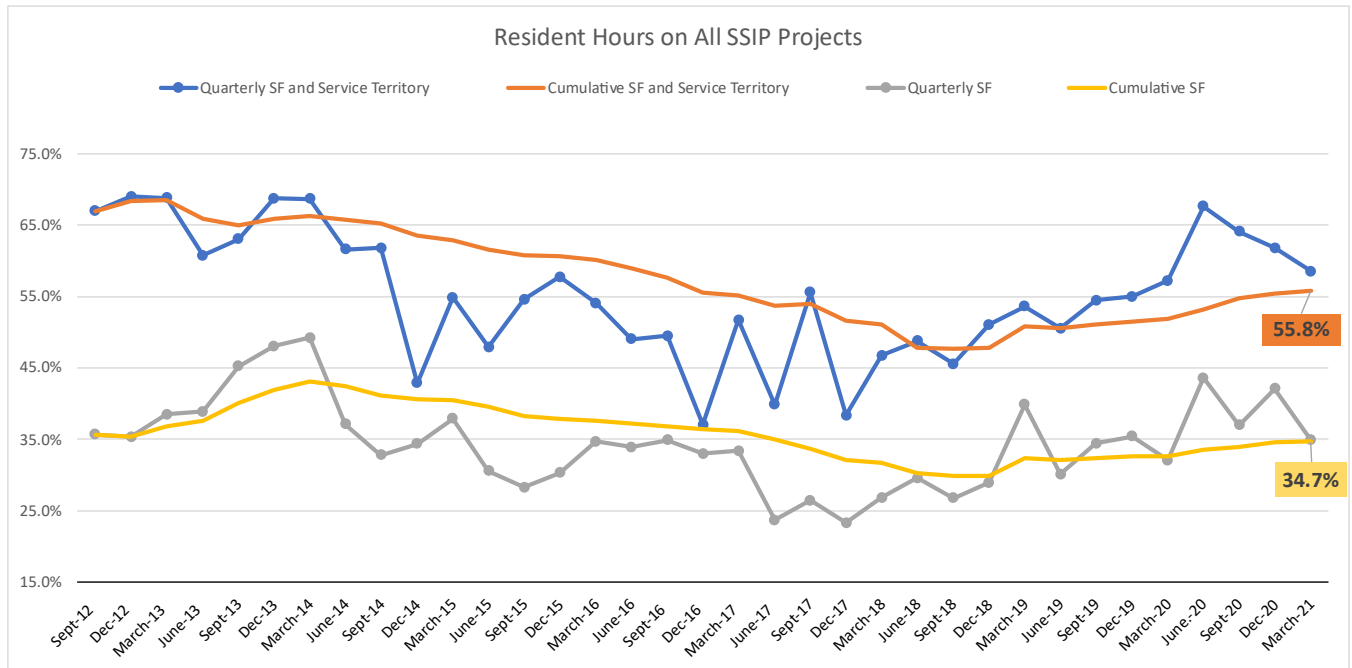


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**Worker Residence Data**

- Combined, San Francisco and SFPUC Regional Service Territory residents worked **55.8%** of all construction craft hours on SSIP to date.
- Of that total, San Francisco residents alone have worked **34.7%**.

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





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- San Francisco's 1,248 workers worked **34.7%** of all the construction hours, as reported in the City's online certified payroll reporting system, LCPtracker, Inc., and they have earned approximately \$28.3 million in wages and benefits.

**Table 5. Worker Residence by County**

<b>SSIP-PLA Employment by Top 20 Counties of Residence Inception Through March 31, 2021</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>414,143</b>	<b>\$ 28,284,400</b>	<b>34.7%</b>	<b>1,248</b>
Contra Costa County	181,711	\$ 13,954,159	15.2%	731
Alameda County	140,769	\$ 9,770,826	11.8%	732
San Mateo County	91,561	\$ 6,820,079	7.7%	378
Solano County	70,242	\$ 5,743,779	5.9%	308
San Joaquin County	51,126	\$ 3,822,764	4.3%	247
Santa Clara County	26,672	\$ 1,698,250	2.2%	222
Sonoma County	23,669	\$ 1,690,352	2.0%	73
Sacramento County	23,106	\$ 1,972,207	1.9%	135
Stanislaus County	16,869	\$ 1,354,966	1.4%	89
Tulare County	14,823	\$ 872,806	1.2%	7
Merced County	13,822	\$ 1,175,818	1.2%	34
Fresno County	12,289	\$ 850,246	1.0%	14
Madera County	11,626	\$ 938,412	1.0%	15
Riverside County	10,411	\$ 777,877	0.9%	33
Marin County	9,104	\$ 641,050	0.8%	27
Clark County	8,676	\$ 704,700	0.7%	19
Kern County	7,083	\$ 442,454	0.6%	18
Napa County	6,087	\$ 401,814	0.5%	31
Monterey County	5,841	\$ 592,623	0.5%	25
<b>Top 20 Counties by Hours</b>	<b>1,139,628</b>	<b>\$ 82,509,581</b>	<b>95.4%</b>	<b>4,325</b>
<b>All Other Counties</b>	<b>55,131</b>	<b>\$ 5,065,991</b>	<b>4.6%</b>	<b>270</b>
<b>Grand Total</b>	<b>1,194,759</b>	<b>\$ 87,575,572</b>	<b>100.0%</b>	<b>4,593</b>

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

- San Francisco residents worked by 414,143 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 131,334 hours and have earned more than \$8.2 million in wages and benefits.
- Apprentices living in 94124 have worked nearly a third (29.1%) of all San Francisco’s 29,500 apprentice hours.

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

Zip Code	Neighborhoods	Apprentice Hours	Journey Hours	Total Hours	Worker Count (Not Unique)
94124	Bayview Hunters Point	29,500	71,666	101,166	324
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	5,257	58,822	64,078	175
94110	Mission, Bernal Heights	11,991	31,047	43,038	136
94134	Visitacion Valley, Portola	7,288	22,880	30,167	101
94116	Sunset District, West Portal, Forest Hill	4,142	20,922	25,064	58
94132	Lake Merced, Merced Heights, San Francisco State	3,780	14,422	18,201	50
94121	Outer Richmond	5,778	12,230	18,008	43
94122	Inner Sunset, Outer Sunset	4,599	11,637	16,235	55
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	10,050	5,005	15,054	30
94103	SOMA	2,239	10,029	12,268	48
94102	Hayes Valley, Civic Center, Tenderloin	3,258	8,092	11,350	34
94118	Inner Richmond	1,054	9,250	10,303	20
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA	2,368	6,881	9,248	26
94107	SOMA, Dog Patch, Protrero Hill	1,472	6,368	7,839	46
94133	Chinatown, Telegraph Hill, North Beach, Fisherman’s Wharf	866	6,066	6,931	16
94130	Treasure Island	3,157	2,652	5,809	10
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason	988	4,281	5,268	22
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park	545	3,524	4,069	19
94142	Tenderloin		1,902	1,902	2
94114	Castro, Noe Valley	1,109	241	1,350	3
94105	SOMA, Embarcadero	675	638	1,313	5
94158	Mission Bay	48	1,078	1,126	4
94108	Chinatown, Union Square	350	753	1,103	7
94188	P.O Box	232	789	1,021	8
94127	Balboa Terrace, St. Francis Wood, West Portal	54	706	760	9
94104	Financial District	260	456	716	2
94120	SOMA	176	291	467	3
94140	P.O Box		147	147	1
94123	Marina, Cow Hollow		100	100	3
94119	P.O Box		44	44	1
<b>Grand Total</b>		<b>101,228</b>	<b>312,915</b>	<b>414,143</b>	<b>1,248</b>

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- Laborers living in San Francisco have worked more than half (**51.9%**) of San Francisco’s 414,143 total hours.
- San Francisco apprentice Laborers have worked nearly half (**46.8%**) of the 101,228 hours worked by San Francisco apprentices.

**Table 7. Worker Residence by Craft**

		Laborer	Operating Engineer	Electrician	Carpenter	Painter	Plumber	All Others	SSIP Grand Total
ALL WORKERS	<b>Total Hours</b>	541,133	203,918	120,706	99,365	52,538	39,115	137,985	<b>1,194,759</b>
	<b>Craft Total of SSIP Total</b>	45.3%	17.1%	10.1%	8.3%	4.4%	3.3%	11.5%	
	<b>San Francisco Hours</b>	214,967	64,115	43,835	27,903	9,453	14,131	39,740	<b>414,143</b>
	<b>SF Craft % of Total SF Hours</b>	51.9%	15.5%	10.6%	6.7%	2.3%	3.4%	9.6%	
	<b>Regional Service Territory Hours</b>	111,998	55,232	19,752	10,854	6,538	9,254	38,349	<b>251,975</b>
	<b>% Rgnl Serv Trt Hrs of Total Rgnl Serv Trt Hrs</b>	44.5%	21.9%	7.8%	4.3%	2.6%	3.7%	15.2%	
		Laborer	Electrician	Carpenter	Operating Engineer	Painter	Plumber	All Others	SSIP Grand Total
APPRENTICES	<b>Total Hours</b>	58,396	23,454	22,714	12,463	11,718	9,314	19,881	<b>157,939</b>
	<b>Craft Total of SSIP Total</b>	37.0%	14.8%	14.4%	7.9%	7.4%	5.9%	12.6%	
	<b>San Francisco Hours</b>	47,386	17,314	9,289	9,629	3,413	4,647	9,551	<b>101,228</b>
	<b>SF Craft % of SF SSIP Total</b>	46.8%	17.1%	9.2%	9.5%	3.4%	4.6%	9.4%	
	<b>Regional Service Territory Hours</b>	2,059	2,369	3,776	1,667	681	2,591	4,530	<b>17,672</b>
	<b>% Rgnl Serv Trt Hrs of Total Rgnl Srv Trt Hrs</b>	11.7%	13.4%	21.4%	9.4%	3.9%	14.7%	25.6%	

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- The overall participation rate of San Francisco workers on SSIP projects is currently **34.7%**.
- WW-541 SEP Oxygen Generation Plant Replacement has the highest local worker participation to date on SSIP, with workers living in San Francisco having worked 74.5% of the project's total hours.

**Table 8. Worker Residence by Project**

Sorted by percentage of San Francisco hours as a percentage of total project hours

Project	Hours			% of Total Project Hours			
	Outside	San Francisco	Service Territory	Grand Total	Outside	San Francisco	Service Territory
WW-541 Southeast Water Pollution Control Plant Oxygen Generation Plant Replacement	2,225	8,580	705	11,509	19.3%	74.5%	6.1%
WW-702R - Jackson, Griffith, and Pierce Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	357	917		1,274	28.0%	72.0%	0.0%
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-682R - Southeast Community Center at 1550 Evans	18,424	29,634	12,819	60,877	30.3%	48.7%	21.1%
WW-653 - Marin Street Sewer Replacement	3,967	5,949	2,858	12,774	31.1%	46.6%	22.4%
WW-609R Holloway Green Street Stormwater Improvements	8,395	10,210	3,781	22,385	37.5%	45.6%	16.9%
WW-606R2 - Oceanside Water Pollution Control Plant Door and Building 930 Exterior and Awning Improvements	2,307	3,044	1,667	7,017	32.9%	43.4%	23.7%
WW-696 - Cargo Way Flush Line	966	747	130	1,843	52.4%	40.5%	7.0%
WW-556 Southeast Water Pollution Control Plant Chemical System Relocation and Facility Upgrades	21,053	15,536	2,724	39,313	53.6%	39.5%	6.9%
WW-483RR North Shore to Channel Force Main Improvement and Pavement Renovation	38,197	41,603	25,882	105,681	36.1%	39.4%	24.5%
WW-627R - Baker Beach Green Streets	11,630	9,993	4,579	26,202	44.4%	38.1%	17.5%
WW-674R - Geary Boulevard Sewer and Water Improvements	9,699	15,264	15,281	40,243	24.1%	37.9%	38.0%
WW-687 - Force Main Rehabilitation at Embarcadero and Jackson	3,390	3,210	2,009	8,609	39.4%	37.3%	23.3%
WW-639 - Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades	10,250	9,941	7,147	27,338	37.5%	36.4%	26.1%
WW-647R - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	72,141	76,630	67,714	216,486	33.3%	35.4%	31.3%
WW-662R - Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	578	529	414	1,521	38.0%	34.8%	27.2%
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-665 - Southeast Water Pollution Control Plant 042 Rehabilitation and Seismic Retrofit	11,806	8,124	4,496	24,426	48.3%	33.3%	18.4%
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-628 - Southeast Water Pollution Control Plant New Headworks Facility	110,976	74,035	39,726	224,737	49.4%	32.9%	17.7%
WW-667 Mariposa Dry-Weather Pump Station	14,240	7,424	1,656	23,319	61.1%	31.8%	7.1%
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	11,188	3,448	400	15,036	74.4%	22.9%	2.7%
WW-703 - Mission Street, 16th to Cesar Chavez, Brick Sewer Rehabilitation	1,654	658	693	3,005	55.0%	21.9%	23.1%
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	2,287	835	901	4,023	56.9%	20.8%	22.4%
WW-614R2 - North Point Outfall Rehabilitation	24,551	2,971	8,398	35,920	68.3%	8.3%	23.4%
<b>Grand Total</b>	<b>528,641</b>	<b>414,143</b>	<b>251,975</b>	<b>1,194,759</b>	<b>44.2%</b>	<b>34.7%</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, 13.6% of all craft hours in apprenticeable trades have been worked by apprentices.
- Glaziers have utilized the most apprentices, with 79.4% of all hours being worked by apprentices.
- Apprentice Laborers have worked 10.8% of the Laborers’ 541,133 total hours.

**Table 9. Apprentice Utilization by Craft**

Craft	Apprentice Hours	Journey Hours	Total Hours	Apprentice Percentage of Craft Total (Apprentice/Total)
Glazier	691	179	870	79.4%
Metal Roofing Systems Installer	72	93	165	43.6%
Iron Worker	8,266	22,068	30,335	27.3%
Plumber	9,314	29,801	39,115	23.8%
Carpenter	22,714	76,651	99,365	22.9%
Painter	11,718	40,820	52,538	22.3%
Electrician	23,454	97,252	120,706	19.4%
Field Surveyor	1,238	5,590	6,828	18.1%
Cement Mason	3,499	17,000	20,499	17.1%
Roofer	274	1,396	1,670	16.4%
Sheet Metal Worker	2,512	12,982	15,494	16.2%
Pile Driver	2,995	17,867	20,862	14.4%
Laborer	58,396	482,738	541,133	10.8%
Drywall Installer/Lather	108	913	1,021	10.5%
Electrical Utility Lineman	36	399	435	8.3%
Asbestos Worker	128	1,585	1,713	7.5%
Operating Engineer	12,463	191,455	203,918	6.1%
Building/Construction Inspector	48	1,402	1,449	3.3%
Plasterer	16	3,943	3,959	0.4%
Boilermaker		168	168	0.0%
Bricklayer		412	412	0.0%
Sprinklerfitters		26	26	0.0%
<b>Apprenticeable Subtotal</b>	<b>157,939</b>	<b>1,004,737</b>	<b>1,162,676</b>	<b>13.6%</b>
Teamster		20,738	20,738	0.0%
Driver		6,029	6,029	0.0%
Tunnel Worker		5,057	5,057	0.0%
Diver		261	261	0.0%
<b>Grand Total</b>	<b>157,939</b>	<b>1,036,821</b>	<b>1,194,759</b>	<b>13.2%</b>

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- WW-613 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 14.7%, or 33,030 out of 224,737 total project hours.

**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-682R - Southeast Community Center at 1550 Evans	12,583	48,295	60,877	20.7%
WW-651 - Griffith Pump Station Improvements	2,757	12,279	15,036	18.3%
WW-627R - Baker Beach Green Streets	4,685	21,517	26,202	17.9%
WW-632 - Southeast Water Pollution Control Plant Existing Digester Gas Handling Improvements	3,580	18,506	22,086	16.2%
WW-570 - Oceanside Water Pollution Control Plant and Westside Pump Station HVAC Upgrades	1,904	9,990	11,893	16.0%
WW-674R - Geary Boulevard Sewer and Water Improvements	6,372	33,872	40,243	15.8%
WW-626 Southeast Water Pollution Control Plant Primary and Secondary Clarifier Upgrades	11,358	63,667	75,025	15.1%
WW-639 - Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades	4,098	23,241	27,338	15.0%
WW-665 - Southeast Water Pollution Control Plant 042 Rehabilitation and Seismic Retrofit	3,642	20,785	24,426	14.9%
WW-628 - Southeast Water Pollution Control Plant New Headworks Facility	33,030	191,707	224,737	14.7%
WW-657R - Drumm & Jackson Streets Sewer Improvements	2,190	12,753	14,943	14.7%
WW-702R - Jackson, Griffith, and Pierce Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	175	1,099	1,274	13.7%
WW-683R - Sansome, 5th, 6th (North), and Division Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	2,053	12,932	14,985	13.7%
WW-541 Southeast Water Pollution Control Plant Oxygen Generation Plant Replacement	1,566	9,943	11,509	13.6%
WW-605R Mission and Valencia Streets Green Gateway	2,720	17,278	19,998	13.6%
WW-483RR North Shore to Channel Force Main Improvement and Pavement Renovation	14,364	91,318	105,681	13.6%
WW-691 Sunset Boulevard Greenway -- Phase II Irving Street to Ulloa Street	873	5,621	6,494	13.4%
WW-667 Mariposa Dry-Weather Pump Station	2,964	20,356	23,319	12.7%
WW-614R2 - North Point Outfall Rehabilitation	2,750	33,170	35,920	7.7%
WW-610R - Visitacion Valley Green Nodes, Rutland Street Sewer, and Sunnydale Pavement Improvements	1,251	17,677	18,928	6.6%
WW-609R Holloway Green Street Stormwater Improvements	1,328	21,057	22,385	5.9%
WW-647R - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	12,248	204,238	216,486	5.7%
WW-659 - Greenhouse Demolition at 1150 Phelps Street	147	3,299	3,446	4.3%
WW-703 - Mission Street, 16th to Cesar Chavez, Brick Sewer Rehabilitation	126	2,879	3,005	4.2%
WW-662R - Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	53	1,468	1,521	3.5%
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-696 - Cargo Way Flush Line	26	1,817	1,843	1.4%
WW-687 - Force Main Rehabilitation at Embarcadero and Jackson	80	8,529	8,609	0.9%
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	14	4,009	4,023	0.3%
<b>Grand Total</b>	<b>157,939</b>	<b>1,036,821</b>	<b>1,194,759</b>	<b>13.2%</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.

- 1,691 pre-employment tests have been administered on SSIP, with a total non-negative screening rate of **2.4%**. This rate is below the national average for the construction industry which is around 5% according to the U.S. Department of Labor.
- During the quarter, 307 pre-employment substance abuse screenings were administered, and five (5) 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 03/31/2021	
Project	Number Cleared
WW-647R - SEP Biosolids Digester Facilities Project	776
WW-682R - Southeast Community Center at 1550 Evans	435
WW-628 - SEP New Headworks Facility	199
WW-614R2 -North Point Outfall Rehabilitation	116
WW-627R - Baker Beach Green Streets	27
WW-570 -OSP and Westside Pump Station HVAC Upgrades	23
WW-657R -Drumm & Jackson Streets Sewer Improvements	15
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	11
WW-667 - Mariposa Dry Weather Pump Station	10
WW-639 -OSP Digester GasUtilization Upgrades	8
WW-665 - SEP 042 Rehabilitation and Seismic Retrofit	8
WW-606R2 -OSP Door and Building 930 Exterior and Awning Improvements	7
WW-651 -Griffith Pump Station Improvements	5
WW-687 - Force Main Improvements at Embarcadero and Jackson	4
WW-610R - Visitacion Valley Green Nodes	3
WW-632 - Southeast Water Pollution Control Plant Existing Digester Gas Handling Improvement	3
WW-599R - SEP Cryogenic Oxygen Plant Demolition and Liquid Oxygen System Upgrades	2
<b>Total Cleared</b>	<b>1,652</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**  
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# **Sewer System Improvement Program Project Labor Agreement Quarterly Report**

**April 1, 2021 through June 30, 2021  
(Fourth Quarter FY 2020-2021)**

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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 (40) construction contracts, with a combined value of \$1.674 billion, have been awarded.
- 1,432,543 total craft hours have been worked by 5,046 workers who earned \$105.8 million in wages and benefits.
- 1,354 San Francisco residents worked 499,949 hours (**34.9%**) and earned over \$34.4 million in wages and benefits, exceeding the City’s Local Hiring requirement (20% to 30% on SSIP projects).
- 1,426 residents of the SFPUC’s Regional Service Territory worked 308,803 hours (**21.6%**) and earned over \$22.9 million in wages and benefits.

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

Region of Worker Residence	Inception Through June 30, 2021		
	Hours	Wages & Benefits	Worker Count
Outside	623,791	\$ 48,495,529	2,326
San Francisco	499,949	\$ 34,409,250	1,354
Service Territory	308,803	\$ 22,863,558	1,426
<b>Grand Total</b>	<b>1,432,543</b>	<b>\$ 105,768,337</b>	<b>5,046</b>

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

- Two contracts were awarded:
  - WW-711 Wawona Area Stormwater Improvement and Vincente Street Water Main Replacement was awarded to KJ Woods, Inc., for \$29,132,100.
  - WW-712 New Montgomery, Jessie, Minna, and Mission Street Brick Sewer Rehabilitation was awarded to D’Arcy & Harty Construction, Inc. \$8,888,750.
  
- 1,024 construction workers worked 237,784 hours and earned more than \$18.2 million in wages and benefits.
  
- 293 San Francisco residents worked 85,806 hours and earned \$6.1 million in wages and benefits.
  
- 276 SFPUC Service Territory residents worked 56,827 hours and earned more than \$4.5 million in wages and benefits.

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

Region of Worker Residence	Three Months Ending June 30, 2021		
	Hours	Wages & Benefits	Worker Count
Outside	95,151	\$ 7,570,326	455
San Francisco	85,806	\$ 6,124,857	293
Service Territory	56,827	\$ 4,497,601	276
<b>Grand Total</b>	<b>237,784</b>	<b>\$ 18,192,784</b>	<b>1,024</b>

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

SSIP Construction Contracts				
Inception through June 30, 2021				
Contract Number	Project	Award Date	Prime Contractor	Original Contract Award
WW-712	New Montgomery, Jessie, Minna, and Mission Street Brick Sewer Rehabilitation	5/11/21	D'Arcy & Harty Construction, Inc.	\$ 4,888,750
WW-711	Wawona Area Stormwater Improvement and Vicente Street Water Main Replacement	4/13/21	KJ Woods Construction Inc	\$ 29,132,100
WW-645R	Westside Pump Station Reliability Improvements	2/23/21	Anvil Builders, Inc	\$ 48,328,300
WW-685R	North Shore Pump Station, Wet Weather Improvements	1/26/21	Western Water Constructors	\$ 26,010,000
WW-703	Mission Street, 16th to Cesar Chavez, Brick Sewer Rehabilitation	8/25/20	Cratus, Inc.	\$ 6,337,350
WW-662R	Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	7/28/20	Blocka Construction, Inc	\$ 30,744,200
WW-702R	Jackson, Griffith, and Pierce Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	7/14/20	Trinet Construction, Inc	\$ 3,886,300
WW-694	Lincoln Way/48th Ave Diversion Structure Modification	4/14/20	Marinship Development Interest, LLC	\$ 967,980
WW-696	Cargo Way Flush Line	2/25/20	JMB Construction, Inc.	\$ 4,486,280
WW-687	Force Main Improvements at Embarcadero and Jackson	1/14/20	Anvil Builders Inc.	\$ 5,986,222
WW-691	Sunset Boulevard Greenway -- Phase II Irving Street	7/23/19	Minerca Construction, Inc	\$ 2,572,351
WW-665	SEP 042 Rehabilitation And Seismic Retrofit	6/25/19	Western Water Constructors, Inc.	\$ 9,079,210
WW-683R	Sansome and Division Streets Combined Sewer Discharge Rehab	5/14/19	Trinet Construction Inc	\$ 4,907,090
WW-682R	Southeast Community Center at 1550 Evans	1/22/19	Charles Pankow Builders, Inc.	\$ 71,181,251
WW-627R	Baker Beach Green Streets	9/25/18	Minerva Construction	\$ 7,122,000
WW-667	Mariposa Dry-Weather Pump Station	9/11/18	Western Water Constructors, Inc.	\$ 17,031,000
WW-639	OSP Digester Gas Utilization Upgrades	8/28/18	Monterey Mechanical	\$ 38,449,000
WW-674R	Geary Boulevard Sewer and Water Improvements	8/28/18	JMB Construction, Inc.	\$ 16,246,547
WW-659	Greenhouse Demolition at 1150 Phelps Street/1800 Oakdale Avenue	2/27/18	Azul Works, Inc.	\$ 1,638,000
WW-657R	Drumm & Jackson Streets Sewer Improvements	1/9/18	Anvil Builders Inc.	\$ 5,240,900
WW-658	As-Needed Sewer Cleaning and Inspection of Large Sewers	8/8/17	Pipe and Plant Solutions	\$ 2,694,000
WW-651	Griffith Pump Station Improvements	7/11/17	Western Water Constructors, Inc.	\$ 10,941,000
WW-599R	SEP Cryogenic Oxygen Plant	6/13/17	Cal State Constructors	\$ 6,547,000
WW-647R	SEP Biosolids Digester Facilities	5/9/17	MWH Constructors/Webcor Builders JV	\$ 932,715,777
WW-610R	Visitacion Valley Green Nodes	2/28/17	Minerva Construction	\$ 3,483,944
WW-653	Marin Street Sewer Replacement	2/28/17	Ranger Pipelines, Inc.	\$ 4,860,250
WW-614R2	North Point Outfall Rehabilitation	1/10/17	The Dutra Group	\$ 12,485,980
WW-632	SEP Existing Digester Gas Handling Improvements	1/10/17	Monterey Mechanical Company	\$ 9,536,000
DB-126	WWE Distributed Control System Upgrades	12/13/16	Emerson Process Management	\$ 20,425,000
WW-606R2	OSP Door and Building 930 Exterior Awning Improvements	12/13/16	Trinet Construction, Inc.	\$ 4,049,000
WW-628	SEP New Headworks Facility	5/24/16	Sundt/Walsh JV	\$ 224,652,224
WW-570	OSP and Westside Pump Station HVAC Upgrades	5/10/16	Blocka Construction, Inc.	\$ 6,138,000
WW-613	SEP Building 521/522 and Disinfection Upgrades	1/26/16	Western Water Constructors, Inc.	\$ 25,750,000
WW-626	SEP Primary and Secondary Clarifier Upgrades	1/12/16	Monterey Mechanical Company	\$ 23,588,000
WW-605R	Mission and Valencia Streets Green Gateway	11/10/15	Anvil Builders	\$ 2,949,013
WW-609R	Holloway Green Street Stormwater Improvements	9/22/15	M Squared Construction, Inc.	\$ 5,591,892
WW-572R	Westside Pump Station Discharge Pipe Manifold Upgrade	6/24/14	Cal State Constructors	\$ 4,145,047
WW-556	SEP Chemical System Relocation and Facility Upgrades	1/28/14	NTK Construction, Inc.	\$ 14,025,000
WW-541	SEP Oxygen Generation Plant Replacement	12/11/12	NTK Construction, Inc.	\$ 9,476,360
WW-483RR	N. Shore to Channel Force Main Improvements	4/24/12	K.J. Woods Construction, Inc.	\$ 15,488,000
<b>40 Projects</b>				<b>\$ 1,673,776,318</b>

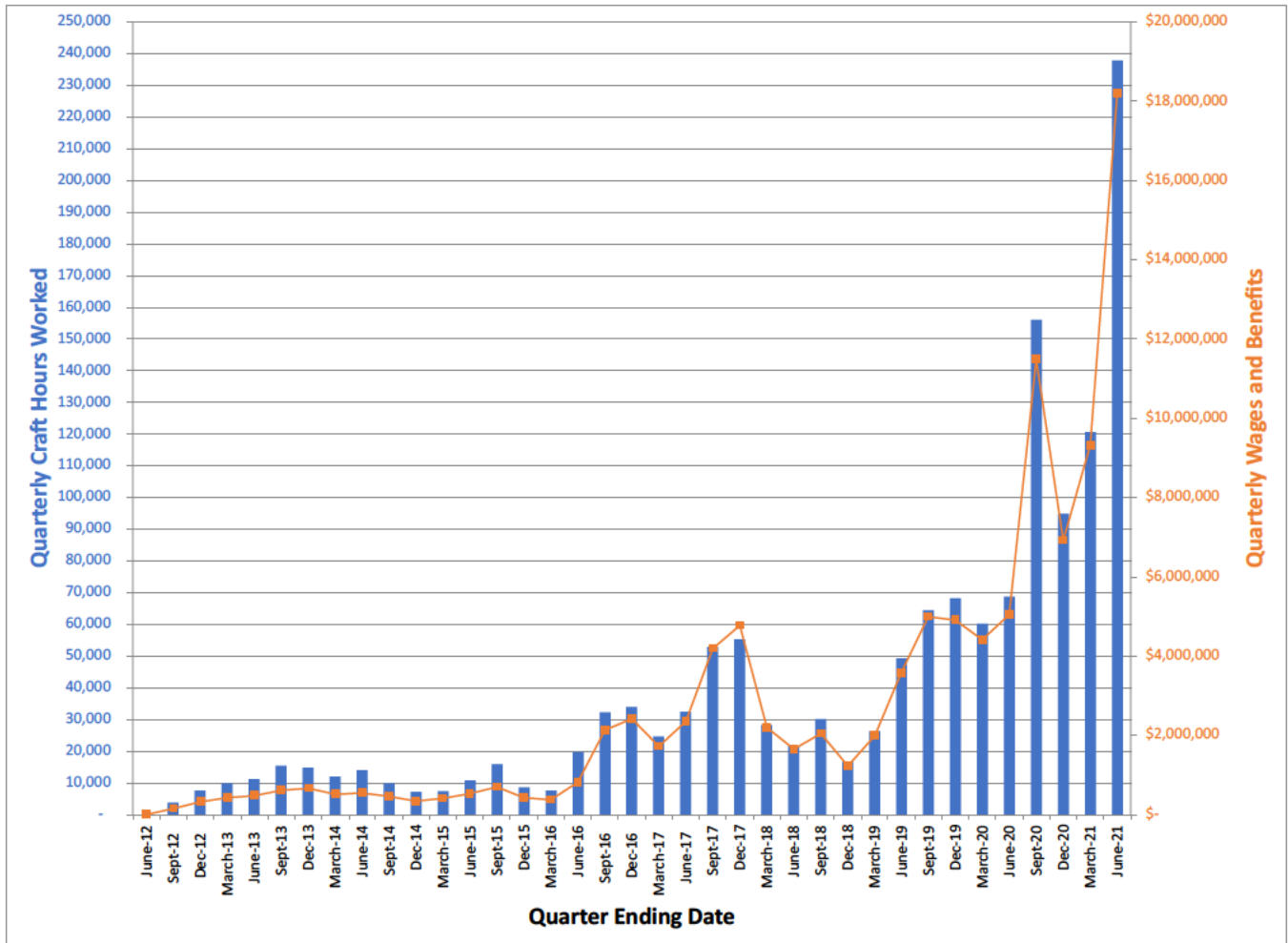
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## Summary Tables and Charts

### Craft Data

- During the quarter, construction workers worked 237,784 hours and earned \$18.2 million in wages and benefits.

**Chart 1. Craft Hours and Wages**





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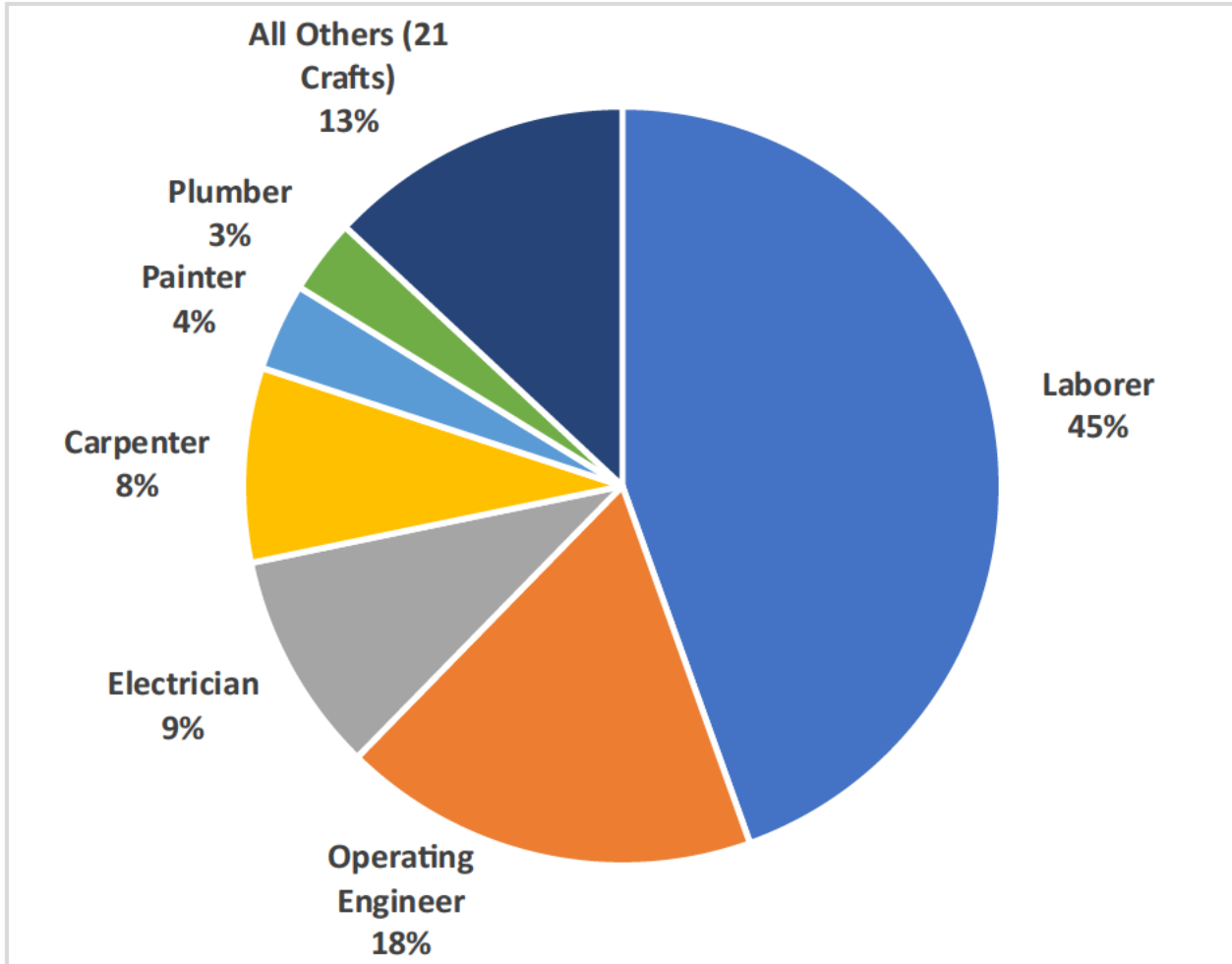
- 5,046 workers have worked 1,432,543 construction craft hours and earned \$105,768,337 in wages and benefits.
- Laborers, Operating Engineers, Electricians, Carpenters, Painters, and Plumbers worked **87.0%** of all hours, with over 1.2 million combined hours worked.

**Table 4. Craft Utilization Table**

Cumulative Employment by Craft				
Inception Through June 30, 2021				
Craft	Total Hours	Total Wages	% Craft	% Wages of
Laborer	638,007	\$ 37,267,224	44.5%	35.2%
Operating Engineer	254,704	\$ 22,263,206	17.8%	21.0%
Electrician	135,122	\$ 13,302,926	9.4%	12.6%
Carpenter	118,810	\$ 9,297,088	8.3%	8.8%
Painter	53,545	\$ 3,784,822	3.7%	3.6%
Plumber	45,639	\$ 5,167,080	3.2%	4.9%
<b>Top 6 Crafts Sub-Total</b>	<b>1,245,826</b>	<b>91,082,346</b>	<b>87.0%</b>	<b>86.1%</b>
Iron Worker	38,880	\$ 2,630,123	2.7%	2.5%
Cement Mason	23,539	\$ 1,499,924	1.6%	1.4%
Pile Driver	21,099	\$ 2,197,712	1.5%	2.1%
Sheet Metal Worker	18,579	\$ 2,015,259	1.3%	1.9%
Drywall Installer/Lather	11,951	\$ 954,532	0.8%	0.9%
Field Surveyor	11,170	\$ 756,457	0.8%	0.7%
Plasterer	6,675	\$ 479,487	0.5%	0.5%
Glazier	3,520	\$ 254,070	0.2%	0.2%
Roofer	3,125	\$ 188,813	0.2%	0.2%
Building/Construction Inspector	1,761	\$ 149,412	0.1%	0.1%
Asbestos Worker	2,452	\$ 132,052	0.2%	0.1%
Electrical Utility Lineman	435	\$ 41,515	0.0%	0.0%
Elevator Constructor	373	\$ 34,835	0.0%	0.0%
Bricklayer	516	\$ 30,251	0.0%	0.0%
Boilermaker	168	\$ 11,521	0.0%	0.0%
Metal Roofing Systems Installer	165	\$ 10,469	0.0%	0.0%
Sprinklerfitters	26	\$ 2,967	0.0%	0.0%
<b>Remaining Apprenticeable Sub-Total</b>	<b>144,430</b>	<b>11,389,399</b>	<b>10.1%</b>	<b>10.8%</b>
Teamster	25,897	\$ 2,011,763	1.8%	1.9%
Driver	11,073	\$ 848,590	0.8%	0.8%
Tunnel Worker	5,057	\$ 308,584	0.4%	0.3%
Diver	261	\$ 127,655	0.0%	0.1%
<b>Total Non-Apprenticeable</b>	<b>42,287</b>	<b>3,296,592</b>	<b>3.0%</b>	<b>3.1%</b>
<b>Grand Total</b>	<b>1,432,543</b>	<b>\$ 105,768,337</b>	<b>100.0%</b>	<b>100.0%</b>

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**Chart 2. Craft Utilization Pie Chart**

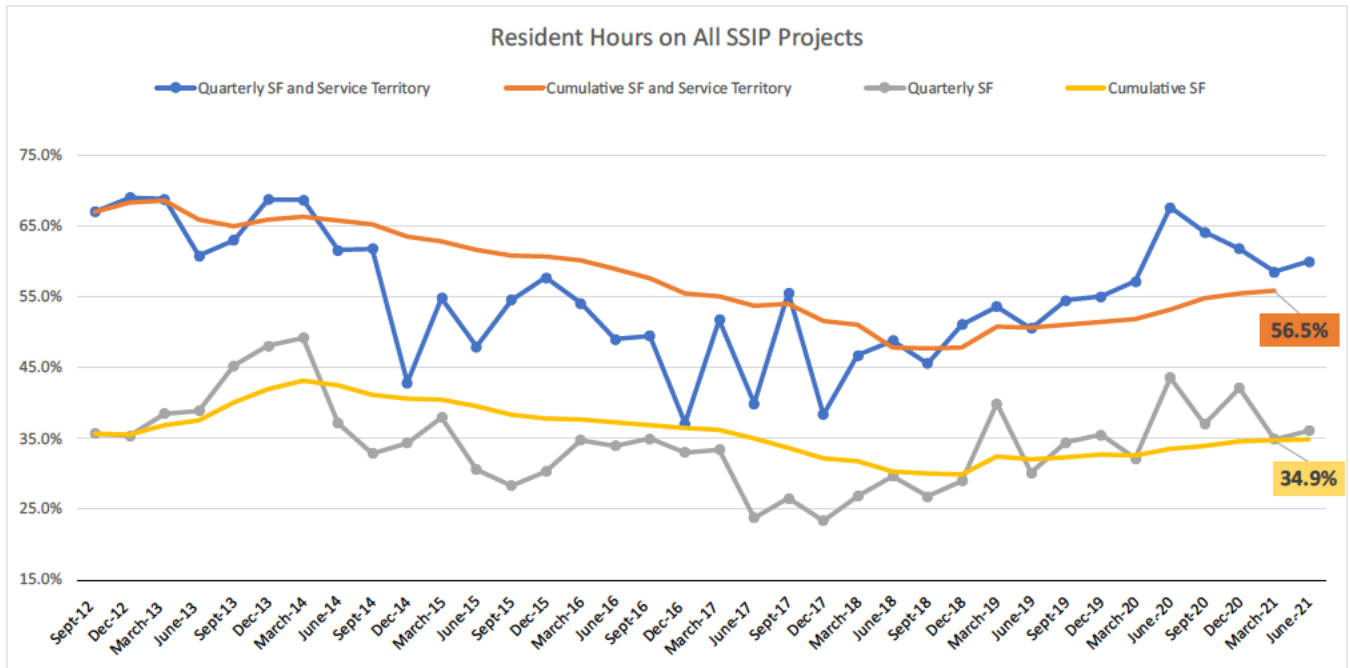


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**Worker Residence Data**

- Combined, San Francisco and SFPUC Regional Service Territory residents worked 56.5% of all construction craft hours on SSIP to date.
- Of that total, San Francisco residents alone have worked 34.9%.

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



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- San Francisco’s 1,356 workers worked 34.9% of all the construction hours, as reported in the City’s online certified payroll reporting system, LCPtracker, Inc., and they have earned \$34.4 million in wages and benefits.

**Table 5. Worker Residence by County**

<b>SSIP-PLA Employment by Top 20 Counties of Residence Inception Through June 30,2021</b>				
<b>County</b>	<b>Total Craft Hours</b>	<b>Wages &amp; Benefits</b>	<b>% Craft Hours</b>	<b>Worker Count (Not Unique)</b>
San Francisco County	500,325	\$ 34,432,554	34.9%	1,356
Contra Costa County	220,703	\$ 16,966,290	15.4%	801
Alameda County	164,896	\$ 11,594,561	11.5%	799
San Mateo County	111,131	\$ 8,398,019	7.8%	410
Solano County	84,729	\$ 6,830,304	5.9%	351
San Joaquin County	62,810	\$ 4,770,520	4.4%	284
Santa Clara County	32,635	\$ 2,184,201	2.3%	244
Sacramento County	28,463	\$ 2,395,480	2.0%	145
Sonoma County	26,161	\$ 1,858,876	1.8%	80
Stanislaus County	20,923	\$ 1,651,441	1.5%	105
Merced County	17,065	\$ 1,480,961	1.2%	35
Tulare County	14,823	\$ 872,805	1.0%	7
Madera County	12,348	\$ 997,799	0.9%	17
Fresno County	12,289	\$ 850,246	0.9%	14
Riverside County	10,826	\$ 814,878	0.8%	33
Marin County	9,426	\$ 678,124	0.7%	30
Napa County	8,056	\$ 525,908	0.6%	38
Kern County	7,277	\$ 459,869	0.5%	18
Monterey County	6,409	\$ 650,170	0.4%	27
Lake County	6,168	\$ 722,485	0.4%	11
<b>Top 20 Counties by Hours</b>	<b>1,357,463</b>	<b>99,135,491</b>	<b>94.8%</b>	<b>4,805</b>
All Other CA Counties	45,371	4,158,626.0	3.2%	210
Out of State	29,710	2,474,220	2.1%	103
<b>Grand Total</b>	<b>1,432,543</b>	<b>\$ 105,768,337</b>	<b>100.0%</b>	<b>5,046</b>

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

- San Francisco residents worked by 499,949 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 154,379 hours and have earned more than \$10.4 million in wages and benefits.
- Apprentices living in 94124 have worked nearly a third (28.7%) of all San Francisco's 118,273 apprentice hours.

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

Zip Code	Neighborhoods	Apprentice Hours	Journey Hours	Total Hours	Worker Count (Not Unique)
94124	Bayview Hunters Point	33,904	93,269	127,172	348
94112	Outer Mission, Crocker-Amazon, Oceanview, Westwood Park	7,138	73,336	80,474	195
94110	Mission, Bernal Heights	12,894	38,484	51,378	147
94134	Visitacion Valley, Portola	8,119	27,207	35,325	107
94116	Sunset District, West Portal, Forest Hill	5,098	21,826	26,924	61
94132	Lake Merced, Merced Heights, San Francisco State	5,422	17,557	22,978	53
94121	Outer Richmond	6,273	13,215	19,488	45
94115	Pac Heights, Lower Pac Heights, Western Addition, Fillmore, Japantown	11,466	7,914	19,380	37
94122	Inner Sunset, Outer Sunset	5,559	12,888	18,447	59
94103	SOMA	2,753	12,417	15,170	55
94102	Hayes Valley, Civic Center, Tenderloin	3,764	10,116	13,880	37
94117	Haight-Ashbury, Lower Haight, Cole Valley, NOPA	2,731	8,386	11,116	27
94118	Inner Richmond	1,054	9,948	11,002	24
94107	SOMA, Dog Patch, Protrero Hill	2,584	6,434	9,017	49
94133	Chinatown, Telegraph Hill, North Beach, Fisherman's Wharf	887	6,603	7,489	17
94130	Treasure Island	3,157	3,655	6,812	11
94109	Cathedral Hill, Tenderloin, Nob Hill, Russian Hill, Fort Mason	1,030	5,428	6,458	24
94131	Forest Knolls, Twin Peaks, Diamond Heights, Glen Park	618	4,191	4,809	21
94127	Balboa Terrace, St. Francis Wood, West Portal	889	1,661	2,550	14
94142	Tenderloin		1,902	1,902	2
94158	Mission Bay	48	1,437	1,485	4
94114	Castro, Noe Valley	1,109	353	1,462	3
94105	SOMA, Embarcadero	675	638	1,313	5
94108	Chinatown, Union Square	350	753	1,103	7
94188	P.O Box	232	789	1,021	8
94104	Financial District	350	456	806	3
94120	SOMA	176	291	467	3
94123	Marina, Cow Hollow		334	334	3
94140	P.O Box		147	147	1
94119	P.O Box		44	44	1
<b>Grand Total</b>		<b>118,273</b>	<b>381,676</b>	<b>499,949</b>	<b>1,354</b>

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- Laborers living in San Francisco have worked more than half (**51.7%**) of San Francisco’s 499,949 total hours.
- San Francisco apprentice Laborers have worked nearly half (**45.0%**) of the 118,273 hours worked by San Francisco apprentices.

**Table 7. Worker Residence by Craft**

		Laborer	Operating Engineer	Electrician	Carpenter	Painter	Plumber	All Others	SSIP Grand Total
A L L  W O R K E R S	<b>Total Hours</b>	638,007	254,704	135,122	118,810	53,545	45,639	186,717	<b>1,432,543</b>
	<b>Craft Total of SSIP Total</b>	44.5%	17.8%	9.4%	8.3%	3.7%	3.2%	13.0%	
	<b>San Francisco Hours</b>	258,652	78,196	49,610	35,057	9,775	16,652	52,008	<b>499,949</b>
	<b>SF Craft % of Total SF Hours</b>	51.7%	15.6%	9.9%	7.0%	2.0%	3.3%	10.4%	
	<b>Regional Service Territory Hours</b>	129,819	69,281	24,039	14,368	7,127	10,715	53,455	<b>308,803</b>
	<b>% Rgnl Serv Trt Hrs of Total Rgnl Serv Trt Hrs</b>	42.0%	22.4%	7.8%	4.7%	2.3%	3.5%	17.3%	
		Laborer	Carpenter	Electrician	Operating Engineer	Painter	Plumber	All Others	SSIP Grand Total
A P P R E N T I C E S	<b>Total Hours</b>	65,949	27,184	26,398	15,755	11,839	11,220	30,749	<b>189,094</b>
	<b>Craft Total of SSIP Total</b>	34.9%	14.4%	14.0%	8.3%	6.3%	5.9%	16.3%	
	<b>San Francisco Hours</b>	53,276	10,297	19,893	12,630	3,489	6,260	12,428	<b>118,273</b>
	<b>SF Craft % of SF SSIP Total</b>	45.0%	8.7%	16.8%	10.7%	2.9%	5.3%	10.5%	
	<b>Regional Service Territory Hours</b>	3,086	4,784	2,369	1,958	681	2,672	9,612	<b>25,161</b>
	<b>% Rgnl Serv Trt Hrs of Total Rgnl Srv Trt Hrs</b>	12.3%	19.0%	9.4%	7.8%	2.7%	10.6%	38.2%	

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- The overall participation rate of San Francisco workers on SSIP projects is currently **34.9%**.
- WW-541 SEP Oxygen Generation Plant Replacement has the highest local worker participation to date on SSIP, with workers living in San Francisco having worked 74.5% of the project's total hours.

**Table 8. Worker Residence by Project**

Sorted by percentage of San Francisco hours as a percentage of total project hours

Project	Hours			% of Total Project Hours			
	Outside	San Francisco	Service Territory	Grand Total	Outside	San Francisco	Service Territory
WW-541 Southeast Water Pollution Control Plant Oxygen Generation Plant Replacement	2,225	8,580	705	11,509	19.3%	74.5%	6.1%
WW-702R - Jackson, Griffith, and Pierce Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	901	1,570		2,471	36.5%	63.5%	0.0%
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-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-682R - Southeast Community Center at 1550 Evans	31,122	41,877	24,989	97,988	31.8%	42.7%	25.5%
WW-687 - Force Main Rehabilitation at Embarcadero and Jackson	4,745	4,784	2,441	11,969	39.6%	40.0%	20.4%
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	133,140	109,238	54,434	296,811	44.9%	36.8%	18.3%
WW-696 - Cargo Way Flush Line	2,157	1,635	660	4,451	48.4%	36.7%	14.8%
WW-667 Mariposa Dry-Weather Pump Station	15,238	9,523	2,364	27,124	56.2%	35.1%	8.7%
WW-610R - Visitation Valley Green Nodes, Rutland Street Sewer, and Sunnydale Pavement Improvements	7,060	6,518	5,350	18,928	37.3%	34.4%	28.3%
WW-639 - Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades	14,278	10,999	7,394	32,671	43.7%	33.7%	22.6%
WW-665 - Southeast Water Pollution Control Plant 042 Rehabilitation and Seismic Retrofit	13,439	9,108	4,813	27,361	49.1%	33.3%	17.6%
WW-570 - Oceanside Water Pollution Control Plant and Westside Pump Station HVAC Upgrades	5,239	3,929	2,726	11,893	44.0%	33.0%	22.9%
WW-647R - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	120,088	105,551	93,966	319,605	37.6%	33.0%	29.4%
WW-703 - Mission Street, 16th to Cesar Chavez, Brick Sewer Rehabilitation	3,185	2,294	1,482	6,960	45.8%	33.0%	21.3%
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-662R - Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	1,591	1,067	1,090	3,748	42.5%	28.5%	29.1%
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-685R - North Shore Pump Station Wet Weather Improvements	28	10		38	73.7%	26.3%	0.0%
WW-632 - Southeast Water Pollution Control Plant Existing Digester Gas Handling Improvements	9,505	5,777	6,803	22,086	43.0%	26.2%	30.8%
WW-599R - Southeast Water Pollution Control Plant Cryogenic Oxygen Plant Demolition and Liquid Oxygen System Upgrades	3,109	2,016	2,593	7,718	40.3%	26.1%	33.6%
WW-659 - Greenhouse Demolition at 1150 Phelps Street	1,840	868	739	3,446	53.4%	25.2%	21.4%
WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades	53,465	17,590	5,370	76,424	70.0%	23.0%	7.0%
WW-651 - Griffith Pump Station Improvements	11,209	3,448	400	15,057	74.4%	22.9%	2.7%
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	2,287	835	901	4,023	56.9%	20.8%	22.4%
WW-614R2 - North Point Outfall Rehabilitation	24,551	2,971	8,398	35,920	68.3%	8.3%	23.4%
<b>Grand Total</b>	<b>623,791</b>	<b>499,949</b>	<b>308,803</b>	<b>1,432,543</b>	<b>43.5%</b>	<b>34.9%</b>	<b>21.6%</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, 13.6% of all craft hours in apprenticeable trades have been worked by apprentices.
- Glaziers have utilized the most apprentices, with 48.6% of all hours being worked by apprentices.
- Apprentice Laborers have worked 10.3% of the Laborers’ 638,007 total hours.

**Table 9. Apprentice Utilization by Craft**

Craft	Apprentice Hours	Journey Hours	Total Hours	Apprentice Percentage of Craft Total (Apprentice /Total)
Glazier	1,709	1,811	3,520	48.6%
Elevator Constructor	174	198	373	46.8%
Metal Roofing Systems Installer	72	93	165	43.6%
Field Surveyor	4,012	7,158	11,170	35.9%
Roofer	1,043	2,082	3,125	33.4%
Iron Worker	10,320	28,559	38,880	26.5%
Plumber	11,220	34,419	45,639	24.6%
Drywall Installer/Lather	2,756	9,196	11,951	23.1%
Carpenter	27,184	91,625	118,810	22.9%
Painter	11,839	41,706	53,545	22.1%
Electrician	26,398	108,724	135,122	19.5%
Sheet Metal Worker	3,364	15,215	18,579	18.1%
Cement Mason	3,696	19,843	23,539	15.7%
Asbestos Worker	361	2,091	2,452	14.7%
Pile Driver	3,031	18,068	21,099	14.4%
Laborer	65,949	572,058	638,007	10.3%
Building/Construction Inspector	160	1,602	1,761	9.1%
Electrical Utility Lineman	36	399	435	8.3%
Operating Engineer	15,755	238,949	254,704	6.2%
Plasterer	16	6,659	6,675	0.2%
Boilermaker		168	168	0.0%
Bricklayer		516	516	0.0%
Sprinklerfitters		26	26	0.0%
<b>Apprenticeable Subtotal</b>	<b>189,094</b>	<b>1,201,162</b>	<b>1,390,256</b>	<b>13.6%</b>
Teamster		25,897	25,897	0.0%
Driver		11,073	11,073	0.0%
Tunnel Worker		5,057	5,057	0.0%
Diver		261	261	0.0%
<b>Grand Total</b>	<b>189,094</b>	<b>1,243,449</b>	<b>1,432,543</b>	<b>13.2%</b>



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- Among projects with more than 1000 certified payroll hours reported, WW-682R Southeast Community Center at 1550 Evans SEP has the highest apprentice utilization ratio, with 22.9% of all hours worked by apprentices.
- WW-628 Southeast Water Pollution Control Plant New Headworks Facility’s apprentice utilization ratio is currently 14.3%, or approximately 43,000 out of 297,000 total project hours.
- WW-647R Southeast Water Pollution Control Plant Biosolids Digester Facilities Project, with nearly 300,000 total hours worked, has an apprentice utilization rate of 6.6%.

**Table 10. Apprentice Utilization by Project**

Project Name	Apprentice Hours	Journey Hours	Grand Total	Appr. Utilization %
WW-685R - North Shore Pump Station Wet Weather Improvements	10.0	28.0	38.0	26.3%
WW-682R - Southeast Community Center at 1550 Evans	22424.25	75563.97	97988.22	22.9%
WW-613 Southeast Water Pollution Control Plant (SEP) Building 521/522 and Disinfection Upgrades	16,809.5	59,614.6	76,424.1	22.0%
WW-556 Southeast Water Pollution Control Plant Chemical System Relocation and Facility Upgrades	8,255.3	31,057.8	39,313.0	21.0%
WW-572R Westside Pump Station Discharge Pipe Manifold	1,949.0	7,333.0	9,282.0	21.0%
WW-606R2 - Oceanside Water Pollution Control Plant Door and Building 930 Exterior and Awning Improvements	1,465.9	5,551.3	7,017.3	20.9%
WW-651 - Griffith Pump Station Improvements	2,756.5	12,300.3	15,056.8	18.3%
WW-627R - Baker Beach Green Streets	4,685.0	21,516.6	26,201.6	17.9%
WW-702R - Jackson, Griffith, and Pierce Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	424.0	2,047.0	2,471.0	17.2%
WW-632 - Southeast Water Pollution Control Plant Existing Digester Gas Handling Improvements	3,579.8	18,505.8	22,085.5	16.2%
WW-570 - Oceanside Water Pollution Control Plant and Westside Pump Station HVAC Upgrades	1,903.5	9,989.8	11,893.3	16.0%
WW-674R - Geary Boulevard Sewer and Water Improvements	6,371.8	33,871.5	40,243.3	15.8%
WW-639 - Oceanside Water Pollution Control Plant Digester Gas Utilization Upgrades	5,071.5	27,599.7	32,671.2	15.5%
WW-626 Southeast Water Pollution Control Plant Primary and Secondary Clarifier Upgrades	11,357.5	63,667.3	75,024.8	15.1%
WW-665 - Southeast Water Pollution Control Plant 042 Rehabilitation and Seismic Retrofit	4,022.5	23,338.4	27,360.9	14.7%
WW-657R - Drumm & Jackson Streets Sewer Improvements	2,190.0	12,752.5	14,942.5	14.7%
WW-628 - Southeast Water Pollution Control Plant New Headworks Facility	42,529.2	254,281.6	296,810.8	14.3%
WW-683R - Sansome, 5th, 6th (North), and Division Streets Combined Sewer Discharge Rehabilitation and Backflow Prevention	2,052.5	12,932.0	14,984.5	13.7%
WW-541 Southeast Water Pollution Control Plant Oxygen Generation Plant Replacement	1,566.0	9,943.0	11,509.0	13.6%
WW-605R Mission and Valencia Streets Green Gateway	2,720.0	17,278.3	19,998.3	13.6%
WW-483RR North Shore to Channel Force Main Improvement and Pavement Renovation	14,363.8	91,317.6	105,681.4	13.6%
WW-691 Sunset Boulevard Greenway – Phase II Irving Street to Ulloa Street	873.0	5,621.0	6,494.0	13.4%
WW-667 Mariposa Dry-Weather Pump Station	3,314.0	23,810.4	27,124.4	12.2%
WW-696 - Cargo Way Flush Line	365.5	4,085.7	4,451.2	8.2%
WW-614R2 - North Point Outfall Rehabilitation	2,750.0	33,170.5	35,920.5	7.7%
WW-703 - Mission Street, 16th to Cesar Chavez, Brick Sewer Rehabilitation	504.5	6,455.8	6,960.3	7.2%
WW-662R - Southeast Water Pollution Control Plant Power Feed and Primary Switchgear Upgrades	254.0	3,493.5	3,747.5	6.8%
WW-647R - Southeast Water Pollution Control Plant Biosolids Digester Facilities Project	21,134.7	298,470.4	319,605.1	6.6%
WW-610R - Visitacion Valley Green Nodes, Rutland Street Sewer, and Sunnydale Pavement Improvements	1,250.5	17,677.3	18,927.8	6.6%
WW-609R Holloway Green Street Stormwater Improvements	1,328.0	21,057.4	22,385.4	5.9%
WW-659 - Greenhouse Demolition at 1150 Phelps Street	147.0	3,299.1	3,446.1	4.3%
WW-653 - Marin Street Sewer Replacement	394.5	12,379.8	12,774.3	3.1%
WW-599R - Southeast Water Pollution Control Plant Cryogenic Oxygen Plant Demolition and Liquid Oxygen System Upgrades	133.0	7,584.5	7,717.5	1.7%
WW-687 - Force Main Rehabilitation at Embarcadero and Jackson	124.0	11,845.1	11,969.1	1.0%
WW-658 - As-Needed Sewer Cleaning and Inspection of Large Sewers	14.0	4,009.2	4,023.2	0.3%
<b>Grand Total</b>	<b>189,094</b>	<b>1,243,449</b>	<b>1,432,543</b>	<b>13.2%</b>

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 Sewer System Improvement Program Project Labor Agreement Quarterly Report  
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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.

- 1,965 pre-employment tests have been administered on SSIP, with a total non-negative screening rate of 2.1%. This rate is below the national average for the construction industry which is around 5% according to the U.S. Department of Labor.
- During the quarter, 274 pre-employment substance abuse screenings were administered, and one (1) individual was prevented from working as the result of a non-negative test.

**Table 11. Workers' Pre-Employment Clearance Data**

<b>SSIP - Covered by PLA Substance Abuse Testing Summary</b>	
Tests Administered to Individuals Cleared to Work Through 06/30/2021	
Project	Number Cleared
WW-647R - SEP Boso ds Dgester Fac tes Project	864
WW-682R - Southeast Commu ty Center at 1550 Evans	569
WW-628 - SEP New Headworks Fac ty	199
WW-614R2 -North Po nt Outfa Rehab tat on	116
WW-627R - Baker Beach Green Streets	27
WW-570 -OSP and Wests de Pump Stat on HVAC Upgrades	23
WW-657R -Drumm & Jackson Streets Sewer Improvements	15
WW-658 - As-Needed Sewer Cean ng and Inspect on of Large Sewers	11
WW-667 - Marposa Dry Weather Pump Stat on	10
WW-639 -OSP Dgester GasUt zat on Upgrades	8
WW-665 - SEP 042 Rehab tat on and Se sm c Retrof t	8
WW-606R2 -OSP Door and Bu d ng 930 Exter or and Awn ng Improvements	7
WW-651 -Grff th Pump Stat on Improvements	5
WW-687 - Force Ma n Improvements at Embarcadero and Jackson	4
WW-610R - V stac on Va ey Green Nodes	3
WW-632 - Southeast Water Po ut on Contro P ant Ex st ng Dgester Gas Hand ng Improvement	3
WW-599R - SEP Cryogen c Oxygen P ant Demo t on and L qu d Oxygen System Upgrades	2
<b>Total Cleared</b>	<b>1,874</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.