



HETCH HETCHY
WATER SYSTEM **IMPROVEMENT** PROGRAM

Water System Improvement Program Project Labor Agreement

**Quarterly Report
Quarter Ended September 30,
2011
(First Quarter 2011-2012)**

San Francisco Public Utilities Commission
Water System Improvement Program Project Labor Agreement
Quarterly Report – First Quarter 2011-2012

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Executive Summary

Since it was adopted on March 16, 2007 the WSIPLA has promoted the public interest by ensuring the timely and economical completion of WSIP projects. The WSIPLA has provided the structure to promote efficiency of construction of the WSIP, facilitate the partnership between the SFPUC, Unions, and Contractors, provide for peaceful settlement of labor disputes, and facilitate the employment of residents.

Progress on WSIP construction projects during the current period of diminished construction activity is providing a welcome source of employment for construction workers and for both union-signatory and non-union construction contractors. Thirty-three WSIP contracts awarded subject to the WSIPLA in the amount of \$1.720 Billion through September 30, 2011 represent 78.5% of the total estimated construction contracts projected to be awarded subject to the WSIPLA.

Construction Activity Highlights – Program-to-Date

Contracting:

- Thirty-three construction contracts with a value of \$1.720 Billion have been awarded subject to the WSIPLA.
- The total of the range of the advertised construction cost estimates for the thirty-three contracts awarded subject to the WSIPLA was \$1.971 Billion at the low end to \$2.217 Billion at the high end. The \$1.720 Billion awarded is 87.3% of the low end of the engineer's estimate.
- 9.2% of the \$1.720 Billion awarded or \$158.2 Million was awarded to Certified LBE Contractors. Each award met or exceeded the LBE subcontracting goal established by the San Francisco Human Rights Commission.
- Four Certified LBE Prime Contractors were awarded \$31.0 Million, representing 2.2% of the \$1.437 Billion awarded to Prime Contractors.
- 106 LBE-Certified Sub-Contractors were awarded \$127.3 Million representing 45.0% of the \$283.0 Million awarded to Sub-Contractors.
- 74 San Francisco Certified LBE sub-contractors were awarded \$53.1 Million representing 18.8% of the \$283.0 Million awarded to Sub-Contractors.
- 32 SFPUC-Certified Regional Sub-Contractors were awarded \$74.2 Million representing 26.2% of the \$283.0 Million awarded to Sub-Contractors.

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Employment:

- Since inception of the WSIPLA 5,377 construction workers were employed for 2,098,021 hours on PLA-Covered WSIP projects, and earned wages of \$76,472,855.
- The WSIP construction workforce includes 496 San Francisco residents who worked 186,956 hours and earned \$6,722,741, representing or 8.9% of covered hours and 90 full-time equivalent worker years.
- The WSIP construction workforce includes 2,334 residents of the Water Service Territory who worked 915,219 or 43.6% of covered hours and earned wages of \$33,010,438, representing 440 full-time equivalent worker years. The Water Service Territory consists of zip codes outside of San Francisco in the vicinity of WSIP construction, or within which the SFPUC delivers water.
- 6,024 pre-employment substance abuse tests have been administered to employees cleared to work on WSIPLA-covered projects as of Sept.30, 2011, and 88 people were prevented from working on WSIPLA-covered projects because they did not pass the pre-employment substance abuse screening process.

Construction Activity Highlights – Quarter Ended Sept. 30, 2011

Contracting:

No construction contracts were awarded subject to the WSIPLA during the Quarter Ended Sept.30, 2011.

Employment:

- During the Quarter ended Sept. 30, 2011 1,659 construction workers worked 323,728 hours on WSIP projects covered by the WSIPLA, and earned \$12,003,638.
- During the Quarter ended Sept. 30, 2011 84 San Francisco residents worked 15,390 hours and earned \$558,990 on WSIPLA-covered construction projects.
- During the Quarter ended Sept. 30, 2011 729 residents of the Water Service Territory worked 145,202 hours and earned \$5,218,526. The Water Service Territory consists of zip codes outside of San Francisco, both in the vicinity of WSIP construction and within which the SFPUC delivers water.
- During the Quarter ended Sept. 30, 2011 890 negative pre-employment substance abuse tests were administered under the provisions of the WSIPLA Substance Abuse Policy and 16 individuals were prevented from working as the result of positive tests.

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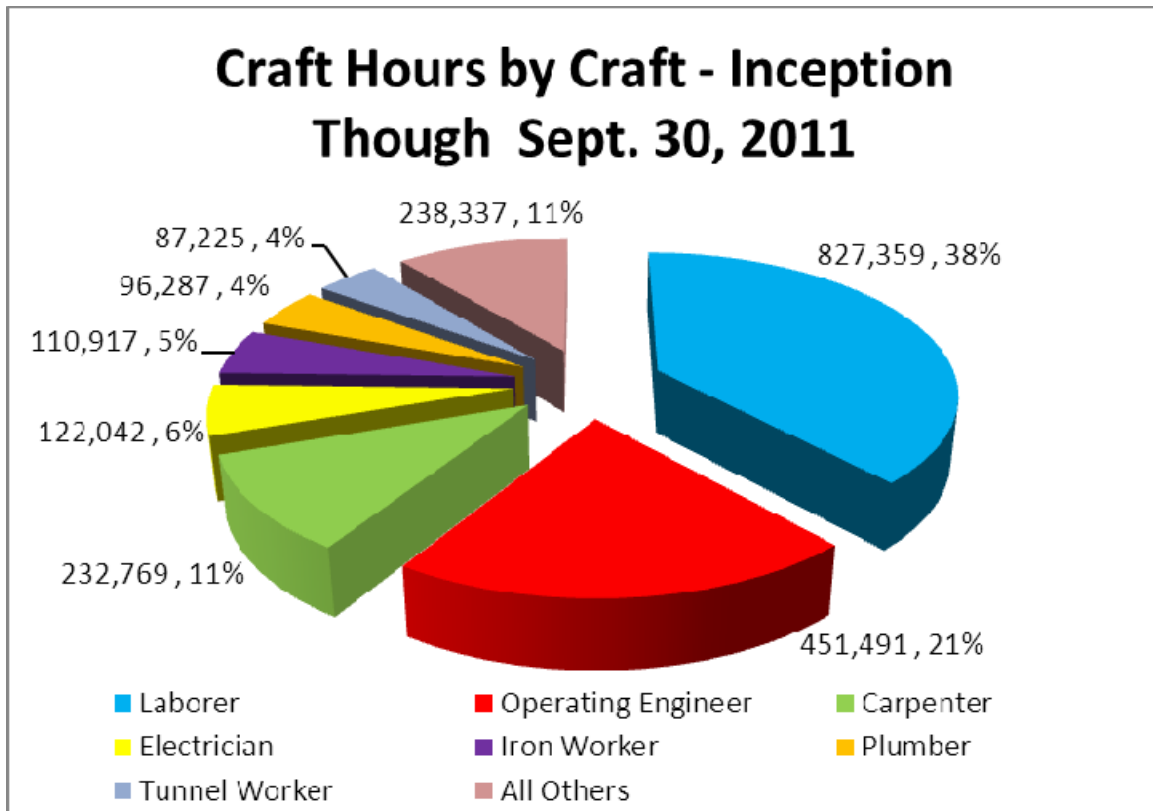
Summary of Craft Worker Employment

The following table and chart summarize craft worker employment recorded in the Elations System. Worker counts are duplicated for individuals who work in multiple categories, so detail worker counts generally exceed the related total worker counts.

San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Craft Employment Summary for the Quarter Ended Sept. 30, 2011 Employment Summary by Worker Residence and PLA Coverage								
Residence/ Project Type	Inception thru Sept. 30, 2011				Three Months Ended Sept. 30, 2011			
	Worker Count	FTE	Sum of Hours	Sum of Wages	Worker Count	FTE	Sum of Hours	Sum of Wages
All Workers								
Advanced Meter Inf.	88	33	68,405	\$ 2,896,618	40	4	8,414	\$ 392,267
WSIP with PLA	5,377	1,009	2,098,021	76,472,855	1,659	156	323,728	12,003,638
WSIP without PLA	733	136	282,893	8,982,272	46	1	3,112	114,944
Total	6,198	1,178	2,449,319	\$88,351,745	1,745	161	335,253	\$12,510,849
SF Residents								
Advanced Meter Inf.	35	11	22,392	\$ 953,472	10	1	2,292	\$ 113,020
WSIP with PLA	496	90	186,956	6,722,741	84	7	15,390	558,990
WSIP without PLA	83	12	25,338	753,860	7	0	281	7,407
Total	614	113	234,686	\$ 8,430,073	101	9	17,962	\$ 679,417
Svc. Territory Res.								
Advanced Meter Inf.	39	16	33,287	\$ 1,357,342	23	2	5,010	\$ 226,149
WSIP with PLA	2,334	440	915,219	33,010,438	729	70	145,202	5,218,526
WSIP without PLA	278	37	77,226	2,459,925	17	0	680	25,423
Total	2,651	493	1,025,733	\$36,827,705	769	73	150,891	\$ 5,470,098
Outside Residents								
Advanced Meter Inf.	16	6	12,726	\$ 585,805	7	1	1,113	\$ 53,098
WSIP with PLA	2,641	479	995,845	36,739,675	847	78	163,136	6,226,122
WSIP without PLA	379	87	180,328	5,768,487	22	1	2,151	82,114
Total	3,036	572	1,188,900	\$43,093,967	876	80	166,399	\$ 6,361,334

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The following chart summarizes WSIPLA – Covered craft employment for crafts with at least 85,000 craft hours as of September 30, 2011. Carpenters, Laborers, and Operating Engineers combined represent 70% of total craft hours.



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Summary of Contracts Awarded

As of its last meeting in the Quarter ended September 30, 2011, the SFPUC had awarded thirty-three WSIP construction contracts in the amount of \$1.720 Billion subject to the WSIPLA. The total of the ranges of the advertised engineer's estimates for these contracts was \$1.971 Billion at the low end to \$2.217 Billion at the high end. The \$1.720 Billion awarded is 87.3% of the low end of the engineer's estimate.

In addition, in March of 2009 the SFPUC awarded a Personal Services Contract for the replacement of all water meters in San Francisco in the amount of \$62.8 Million funded by SFPUC Operating Funds, and added the contract to the scope of the WSIPLA.

The San Francisco Human Rights Commission's LBE subcontracting goals were met or exceeded for each contract awarded. The following table summarizes awards to LBE subcontractors.

LBE Participation in Thirty-One Contracts Awarded Subject to the WSIPLA as of September 30, 2011			
<u>Prime Contractors</u>	<u>Number of Contractors</u>	<u>Award</u>	<u>Percent of Total Awarded</u>
PUC Certified	1	\$ 4,320,736	0.25%
San Francisco Certified	3	26,641,087	1.55%
Not Certified	18	1,405,864,056	81.75%
<u>Sub Contractors</u>			
PUC Certified	32	74,174,793	4.31%
San Francisco Certified	74	53,091,647	3.09%
Not Certified	97	155,675,475	9.05%
	225	\$ 1,719,767,794	100.00%

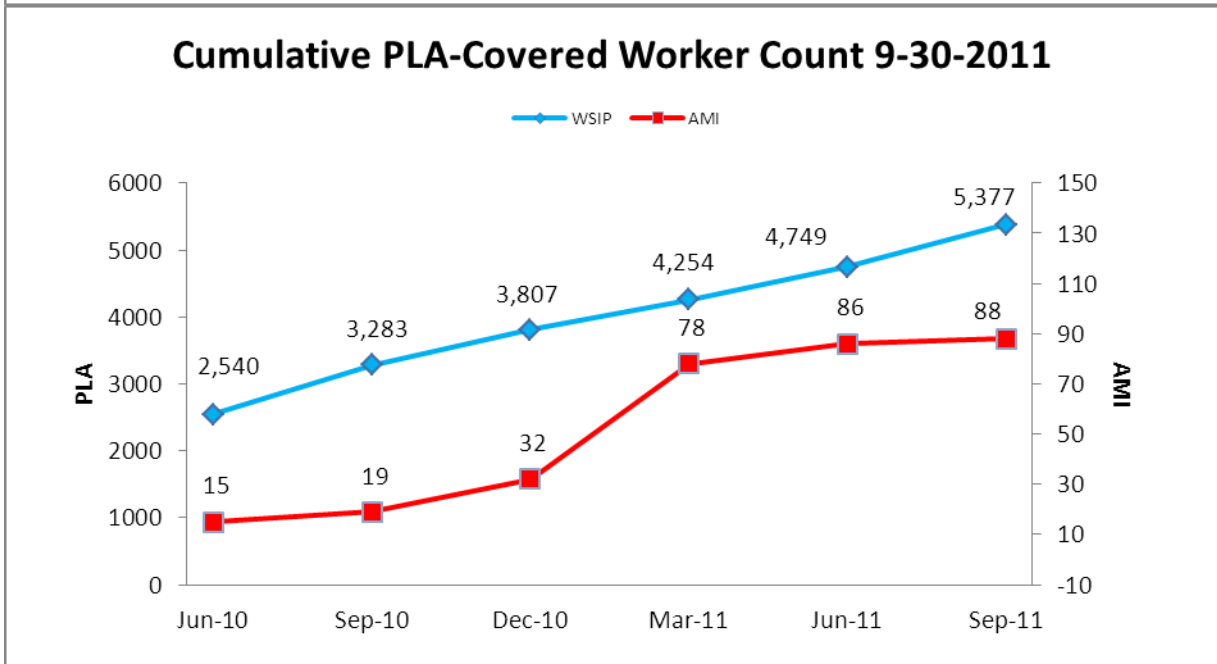
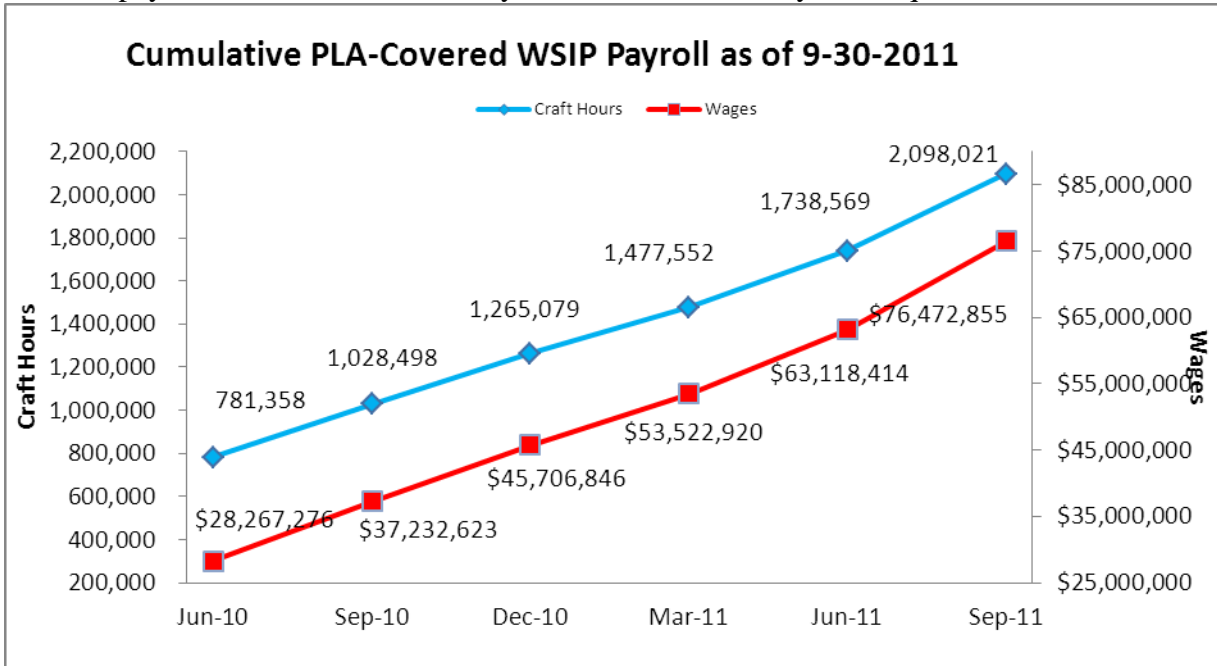
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San Francisco Public Utilities Commission Construction Contracts Awarded Subject to the WSIPLA through Sept. 30, 2011				
Contract No.	Prime Contractor	Project	Engineer's Estimate	Award
WD-2504	S.J. Amoroso Construction Co. Inc.	Stanford Heights Reservoir Seismic Retrofit and Improvement	\$18 to \$24 Million	\$ 17,899,960
WD-2511	Power Engineering Contractors, Inc.	Standby Power Facilities, Various Locations	\$5.7 Million	8,419,000
WD-2501	Monterey Mechanical Co.	Alemany Pump Station	\$18 to \$22 Million	23,269,000
WD-2469	Cal State Constructors, Inc.	Forest Knolls Pump Station and Storage Tank Upgrade	\$5.5 to \$7 Million	6,547,000
WD-2564	NTK Construction, Inc.	Harry Tracy Water Treatment Plant-Short Term Improvements- Phases 2 and 3	\$15 to \$18 Million	13,824,000
WD-2543	Shaw Pipeline Inc.	North University Mound System Upgrade, Water Main Installation, Sewer Replacement and Pavement Renovation	\$15 to \$18 Million	13,529,370
DB-116	PCL Civil Constructors Inc.	Tesla Treatment Facility, a Design-Build Agreement (DBA)	\$90 Million	81,420,562
WD-2498	Shank/Balfour Beatty, J.V.	New Crystal Springs Bypass Tunnel	\$55 to \$65 Million	55,674,000
WD-2529	KJ Woods Construction Inc.	Noe Valley Transmission Main- Phase 2	\$6 to \$8 Million	5,724,000
WD-2556	JMB Construction, Inc	Baden and San Pedro Valve Lot Improvements	\$15 to \$18 Million	11,536,500
WD-2548	Western Water Constructors	Lake Merced Pump Station Essential Upgrades	\$52 to \$60 Million	31,584,000
WD-2568	Shimmick Construction	BDPL Nos. 3&4 Crossover Facilities	\$21.5 Million	12,695,000
WD-2552	Steve P. Rados	Alameda Siphon No. 4 Project	\$45.5 Million	31,933,695
WD-2513	Mountain Cascade	San Andreas Pipeline No.3 Installation Project	\$20 to \$25 Million	16,336,350
WD-2539	S.J. Amoroso Construction Co	University Mound Reservoir North Basin Seismic Upgrades	\$47 to \$52 Million	29,597,000
HH-914R	Mountain Cascade	Roselle Crossover Improvements	\$3.1 Million	2,837,000
WD-2566	Mountain Cascade	San Antonio Pump Station Upgrades Project	\$8.5 to \$9.5 Million	6,991,000
WD-2573	S.J.Amoroso Construction Co.,	Pulgas Balancing Reservoir Structural Rehabilitation and Roof Replacement	\$14 to \$18 Million	12,857,000
Wd-2541	Ranger Pipelines Inc	Bay Division Pipeline Reliability Upgrade- Pipeline #5 (East Bay)	\$88 to \$98 Million	61,558,005
WD-2589	Ranger Pipelines Inc	Supervisory Control and Data Acquisition (SCADA) System Phase II	\$10.6 Million	3,847,250
WD-2542	Mountain Cascade, Inc	Bay Division Pipeline No. 5 - Peninsula Reaches	\$62 to \$69 Million	52,183,400
WD-2531	Michels/JayDee/Coluccio, Joint	Bay Division Pipelines Reliability Upgrade – Bay Tunnel	\$235 to \$260 Million	215,294,530
HH-935A	West Bay Builders	San Joaquin Pipeline System - Crossovers	\$21.6 Million	11,723,817
WD-2582	Shimmick Construction	Sunol Valley Water Treatment Plant (SVW)	\$109 Million	83,102,160
WD-2581	Southland/Tutor Perini Joint Venture	New Irvington Tunnel	\$230 to \$260 Million	226,657,700
WD-2601	Kiewit Infrastructure West	Crystal Springs / San Andreas Upgrade	\$100 to \$130 Million	99,763,000
WD-2623	R& W Concrete	Harding Park Recycled Water Project	\$6.5 Million	5,251,100
HH-935B	Mountain Cascade, Inc	San Joaquin Pipeline - Western Segment	\$70 Million	48,706,379
WD-2591	Kiewit Infrastructure West	Lower Crystal Springs Dam Improvements	\$18 to \$22 Million	17,360,400
WD-2555	Ranger Pipelines Inc	Crystal Springs Pipeline No.2 Replacement Project	\$43 to \$48 Million	32,547,350
WD-2596	Kiewit Infrastructure West	Harry Tracy Water Treatment Plant Long-Term	\$220 to \$245 Million	174,197,000
WD-2551	Dragados/Flatiron/Sukut JV	Calaveras Dam Replacement Project	\$250 to \$300 Million	259,571,850
HH-935C	Contri Construction,	San Joaquin Pipeline System - Eastern Segm	\$52 to \$57 Million	45,329,416
Total Thirty-Three Projects				<u>\$ 1,719,767,794</u>

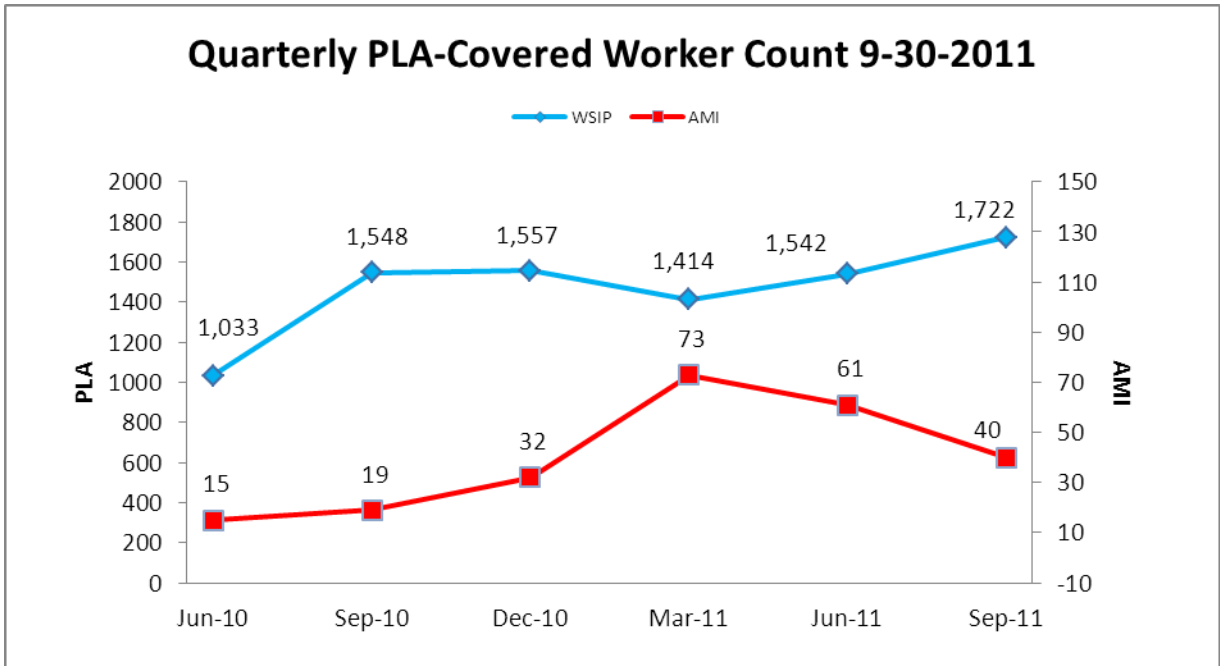
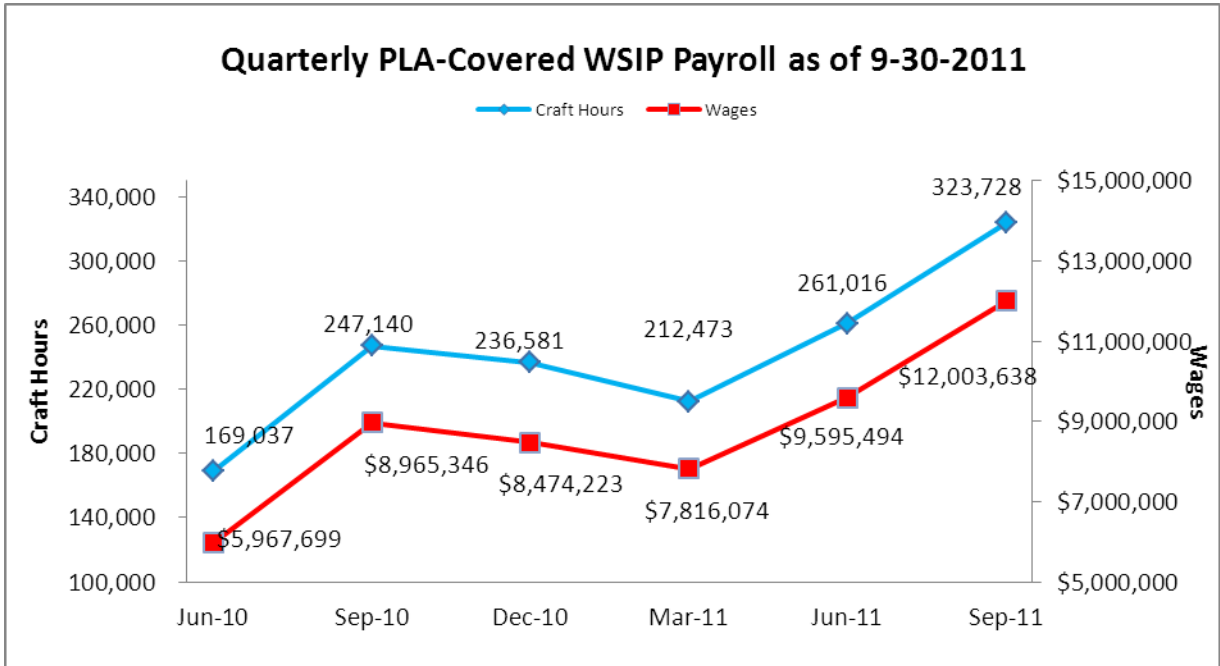
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Craft Worker Employment on the WSIPLA

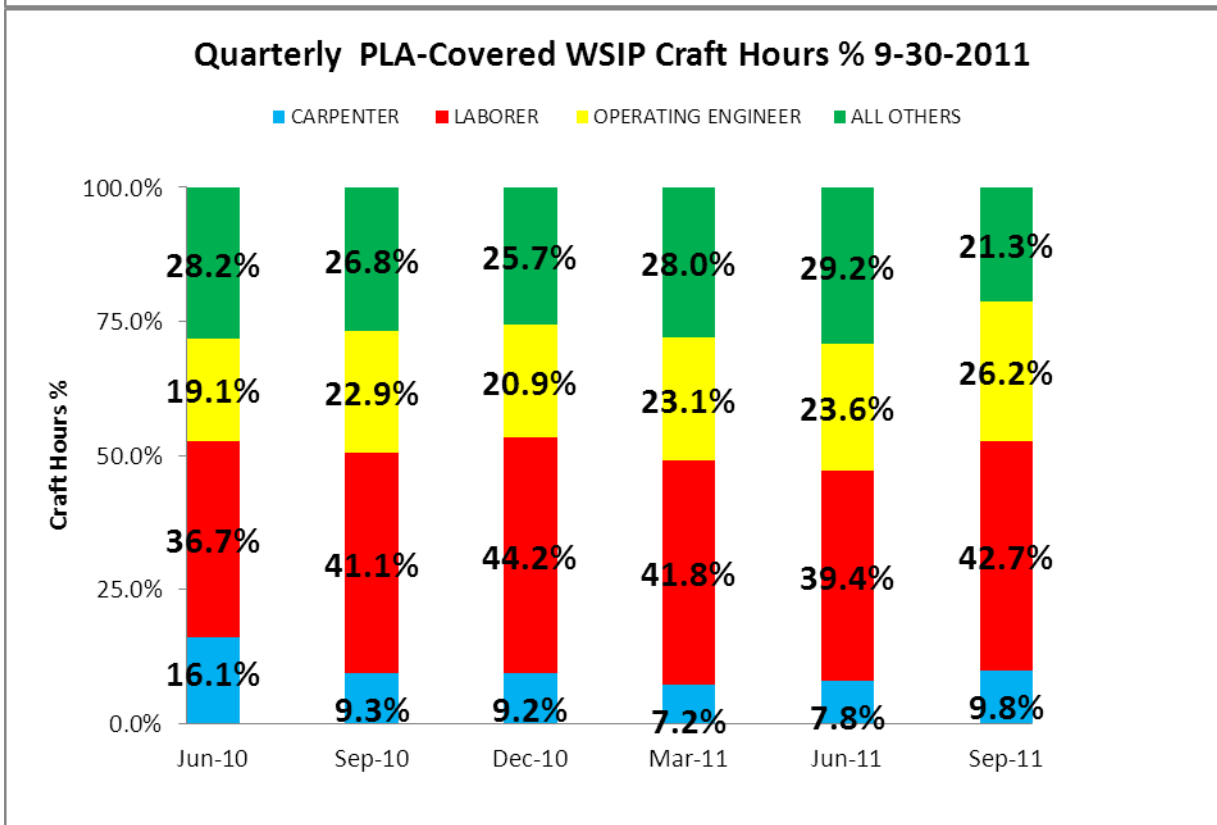
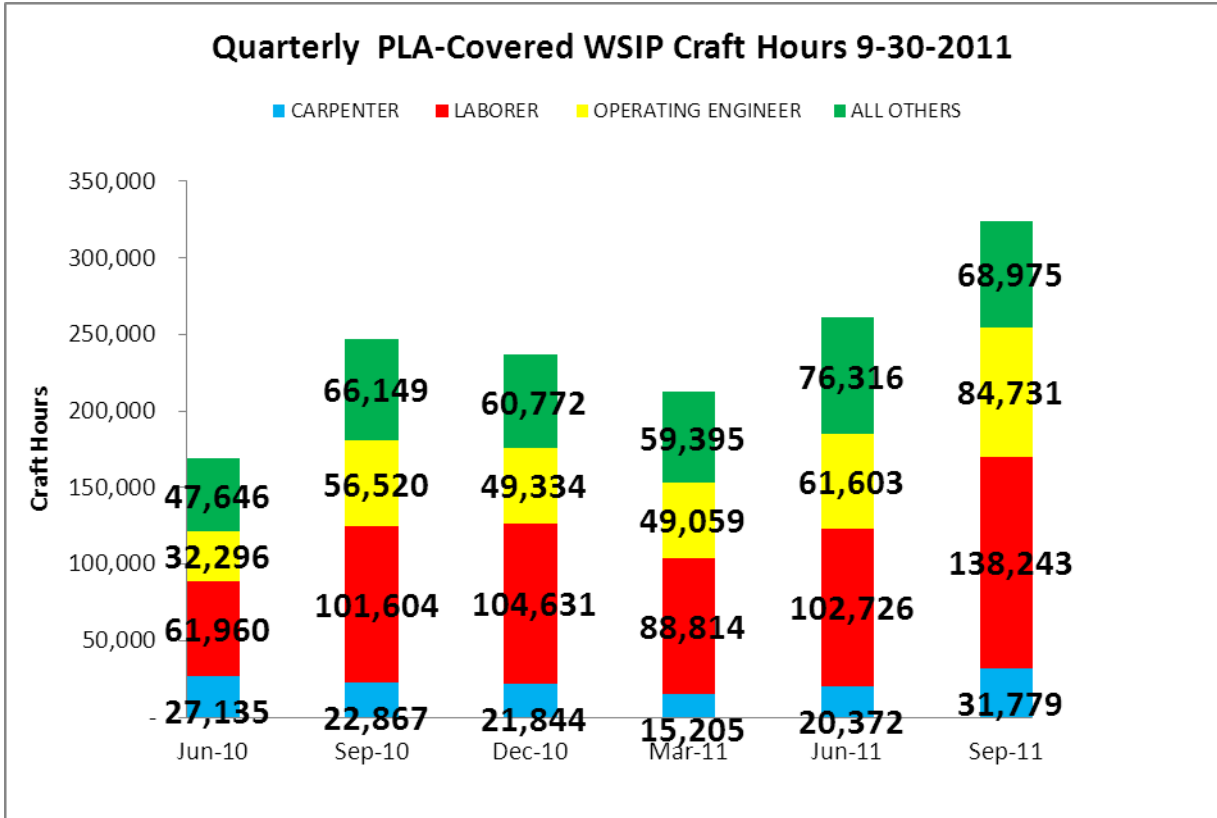
The following charts summarize craft worker employment under the WSIPLA for the last six quarters. The first and second tables are cumulative balances at the end of each quarter, and the third and fourth tables represent employment during each quarter. The fifth and sixth tables represent quarterly participation of the Basic Crafts in WSIP Projects covered by the WSIPLA. The employment summaries are based on electronic certified payrolls recorded in Elation Systems as of the last day of the quarter.



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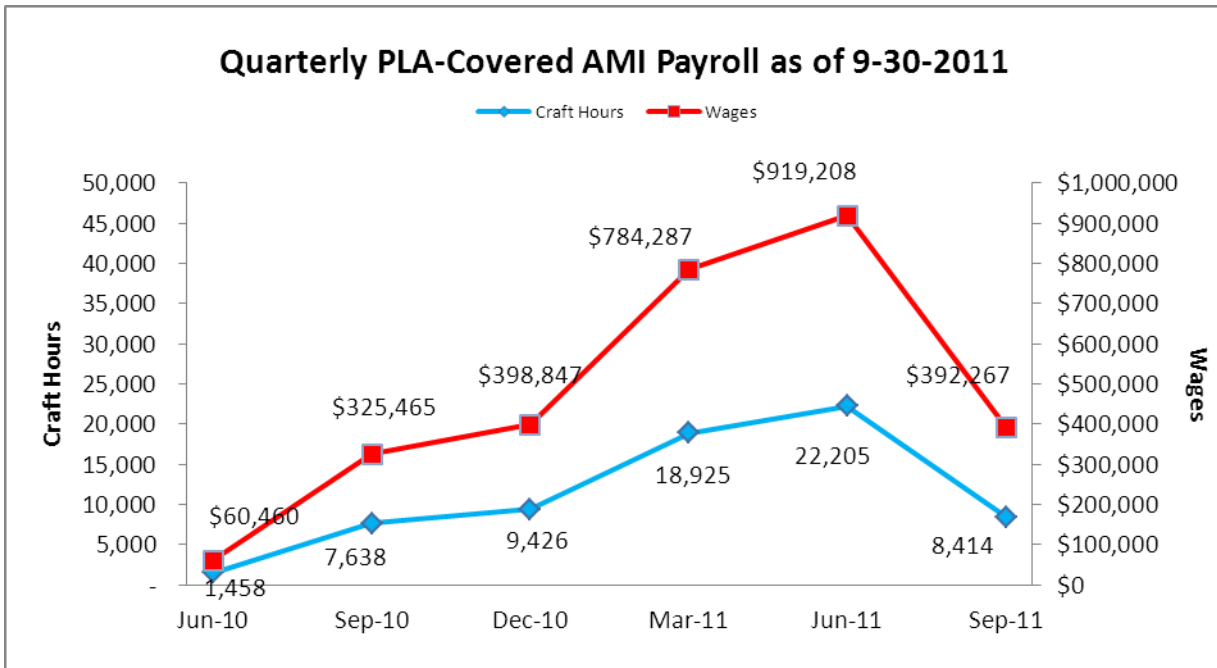
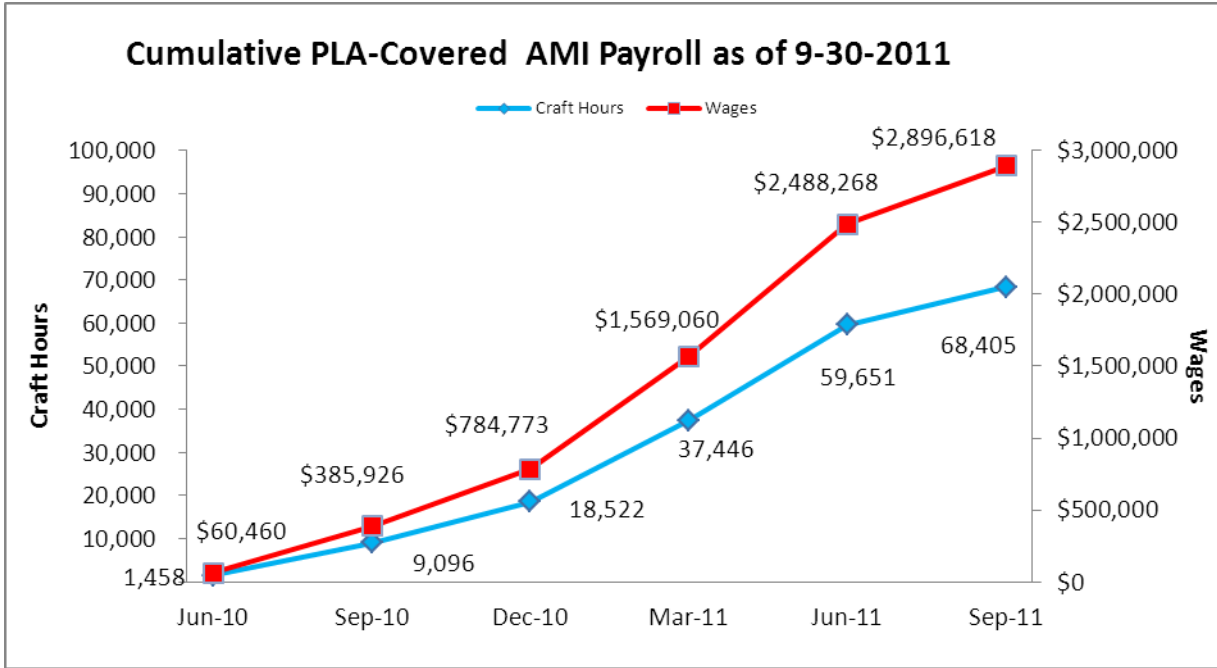


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Work commenced on contract CS-936 Advanced Meter Infrastructure during the Quarter ended June 30, 2010 to replace all water meters in San Francisco. This work is covered by the WSIPLA, funding is provided by the SFPUC operating budget, and has been performed exclusively by Plumbers.



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Craft Utilization on the WSIPLA

As of Sept. 30, 2011, contractors had reported craft hours in 49 worker classifications which the SFPUC summarizes into 24 craft areas reflecting all PLA-Covered work through Sept. 30, 2011. 72.0% of covered hours on the WSIP have been worked by Laborers, Operating Engineers and Carpenters. In June 2010 field work commenced on the Advanced Meter Infrastructure Project (the AMI), and by Sept. 30, 2011, 68,405 Plumber hours had been reported on the AMI representing \$2,896,618 in covered wages.

San Francisco Public Utilities Commission WSIP - Project Labor Agreement Covered Employment by Craft Inception Through Sept. 30, 2011								
Craft	Craft Hours			Wages	% Craft Hours		% Wages	FTE's
	AMI	WSIP	Total PLA	Total PLA	AMI	WSIP	Total PLA	
LABORER		827,359	827,359	\$24,837,523	39.4%		31.3%	397.8
OPERATING ENGINEER		451,491	451,491	17,466,067	21.5%		22.0%	217.1
CARPENTER		232,769	232,769	9,201,005	11.1%		11.6%	111.9
ELECTRICIAN		122,042	122,042	5,753,501	5.8%		7.2%	58.7
IRON WORKER		110,917	110,917	3,731,306	5.3%		4.7%	53.3
PLUMBER	68,405	27,883	96,287	4,179,969	100%	1.3%	5.3%	46.3
TUNNEL WORKER		87,225	87,225	3,311,265		4.2%	4.2%	41.9
TEAMSTER		80,074	80,074	4,567,847		3.8%	5.8%	38.5
BOILERMAKER		41,885	41,885	1,926,696		2.0%	2.4%	20.1
ROOFER		28,492	28,492	956,681		1.4%	1.2%	13.7
CEMENT MASON		27,759	27,759	959,435		1.3%	1.2%	13.3
PAINTER		23,319	23,319	856,172		1.1%	1.1%	11.2
PILE DRIVER		17,200	17,200	879,765		0.8%	1.1%	8.3
SHEET METAL WORKER		5,627	5,627	240,144		0.3%	0.3%	2.7
FIELD SURVEYOR		4,738	4,738	198,016		0.2%	0.2%	2.3
BRICKLAYER		3,161	3,161	118,009		0.2%	0.1%	1.5
ASBESTOS WORKER		2,854	2,854	66,455		0.1%	0.1%	1.4
TELECOM TECHNICIAN		1,160	1,160	37,245		0.1%	0.0%	0.6
PLASTERER		762	762	25,173		0.0%	0.0%	0.4
GLAZIER		501	501	25,533		0.0%	0.0%	0.2
ELECTRICAL UTILITY LINEMAN		370	370	20,077		0.0%	0.0%	0.2
SLURRY SEAL WORKER		199	199	4,644		0.0%	0.0%	0.1
TILE FINISHER		128	128	2,783		0.0%	0.0%	0.1
TILE SETTER		112	112	4,162		0.0%	0.0%	0.1
	68,405	2,098,021	2,166,426	\$79,369,473	100%	100%	100%	1,042

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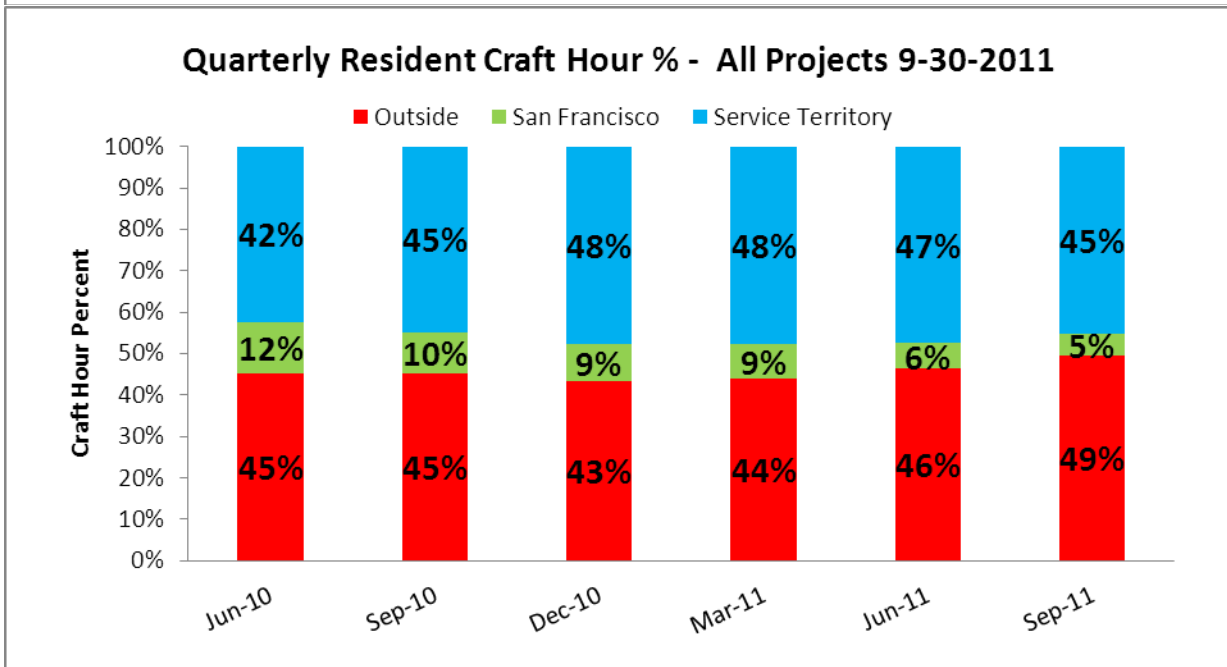
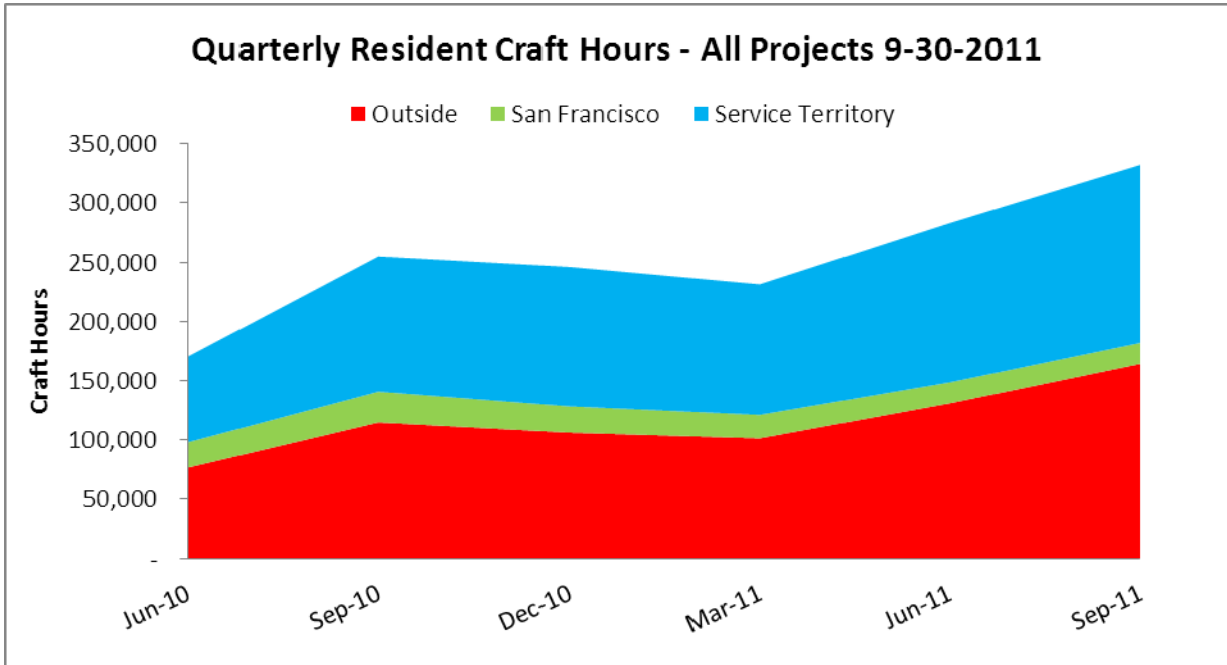
San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Craft Employment Summary for the Quarter Ended Sept. 30, 2011 Employment Summary - Cumulative and Last Six Quarters							
	Cumulative thru Sept., 2011	QE 6-30-10	QE 9-30-10	QE 12-31-10	QE 3-31-11	QE 6-30-11	QE 9-30-11
<u>Craft Worker Earnings</u>							
LABORER	24,837,523	\$ 1,797,149	\$ 3,020,366	\$ 3,091,079	\$ 2,691,874	\$ 3,139,841	\$ 3,787,476
OPERATING ENGINEER	17,466,067	1,226,171	2,197,728	1,852,161	1,858,655	2,388,255	2,965,711
CARPENTER	9,201,005	1,043,826	908,656	867,565	609,451	822,770	1,196,190
ELECTRICIAN	5,753,501	397,168	525,840	623,209	690,729	667,412	633,362
TEAMSTER	4,567,847	327,663	973,759	613,682	436,915	419,669	694,663
PLUMBER	4,179,969	109,218	430,250	536,790	898,068	1,133,764	587,801
IRON WORKER	3,731,306	408,499	377,456	369,603	554,087	294,044	471,137
TUNNEL WORKER	3,311,265	205,214	163,971	83,713	82,934	518,309	1,013,633
BOILERMAKER	1,926,696	187,448	254,956	277,132	278,766	402,410	330,528
CEMENT MASON	959,435	57,071	112,470	135,732	81,898	85,396	147,630
ROOFER	956,681	53,451	166,262	150,534	81,210	352,741	47,892
PILE DRIVER	879,765	96,213			65,939	112,786	320,287
PAINTER	856,172	58,934	87,576	139,056	145,848	71,568	111,839
SHEET METAL WORKER	240,144	44,247	44,546	39,952	18,838	14,152	14,757
FIELD SURVEYOR	198,016	7,207	12,318	16,892	30,759	31,809	56,613
BRICKLAYER	118,009		6,114	27,460	17,701	21,552	2,831
ASBESTOS WORKER	66,455	750	5,739	7,080	10,692	33,881	3,153
TELECOMM TECHNICIAN	37,245			12,552	21,964	2,730	
GLAZIER	25,533	7,930	2,803	5,367	1,340	670	712
PLASTERER	25,173			14,325	10,020	827	
ELECTRICAL UTILITY LINEMAN	20,077			2,282	8,104		9,690
SLURRY SEAL WORKER	4,644			4,644			
TILE SETTER	4,162			1,481	2,565	116	
TILE FINISHER	2,783			780	2,003		
	\$79,369,473	\$6,028,159	\$9,290,812	\$8,873,071	\$8,600,361	\$10,514,702	\$12,395,905
<u>Craft Hours Worked</u>							
LABORER	827,359	61,960	100,808	102,581	87,932	102,526	124,478
OPERATING ENGINEER	451,491	32,296	56,403	48,700	48,572	61,458	76,349
CARPENTER	232,769	27,135	22,740	21,173	15,205	20,372	29,280
ELECTRICIAN	122,042	9,290	12,911	14,782	15,110	13,817	13,024
IRON WORKER	110,917	11,652	11,412	10,824	15,574	8,667	14,150
PLUMBER	96,287	2,890	10,526	12,796	21,055	26,750	12,109
TUNNEL WORKER	87,225	5,568	4,417	2,420	2,308	13,651	25,519
TEAMSTER	80,074	6,976	16,683	10,352	7,100	7,610	12,603
BOILERMAKER	41,885	4,275	5,903	5,888	6,141	8,904	7,172
ROOFER	28,492	1,673	5,088	4,835	2,092	9,683	1,513
CEMENT MASON	27,759	1,680	3,549	4,044	2,217	2,399	4,112
PAINTER	23,319	1,765	2,473	3,929	3,553	1,794	3,223
PILE DRIVER	17,200	1,624			996	2,613	6,488
SHEET METAL WORKER	5,627	1,341	1,027	967	403	330	369
FIELD SURVEYOR	4,738	204	343	517	811	606	1,329
BRICKLAYER	3,161		146	734	477	487	90
ASBESTOS WORKER	2,854	36	291	224	502	1,451	147
TELECOMM TECHNICIAN	1,160			403	693	64	
PLASTERER	762			435	304	24	
GLAZIER	501	133	60	96	32	16	17
ELECTRICAL UTILITY LINEMAN	370			38	159		173
SLURRY SEAL WORKER	199			199			
TILE FINISHER	128			35	93		
TILE SETTER	112			37	72	3	
	2,166,426	170,495	254,778	246,006	231,398	283,221	332,141

San Francisco Public Utilities Commission
 Water System Improvement Program Project Labor Agreement
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Worker Residence on the WSIPLA

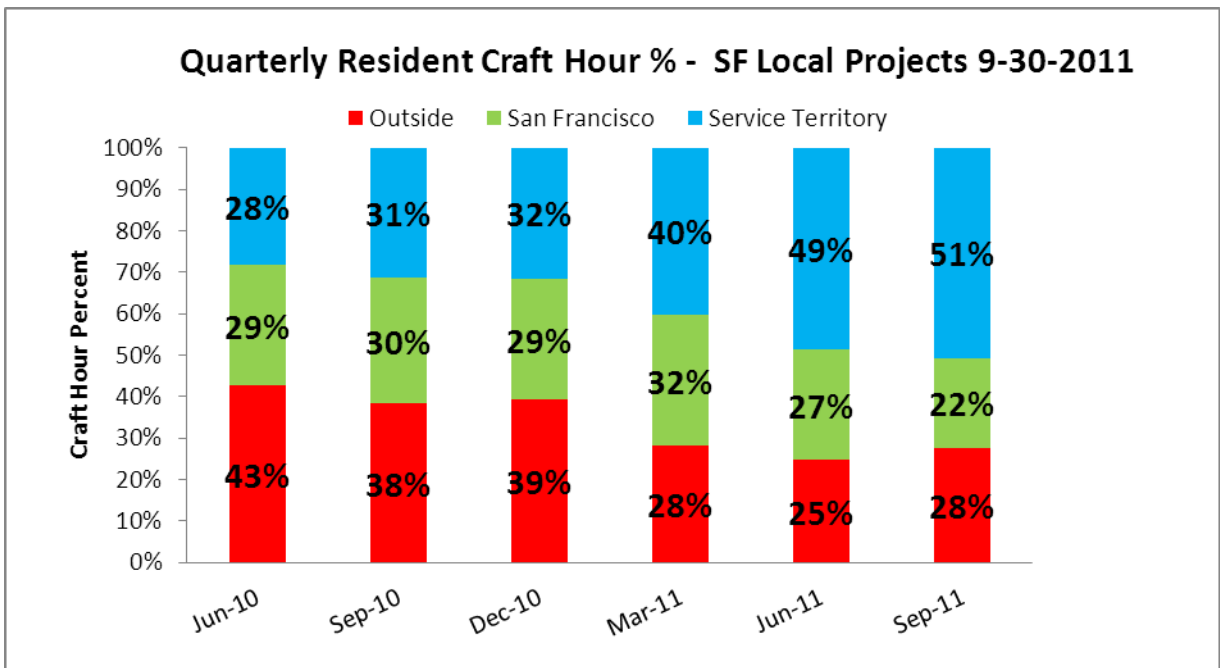
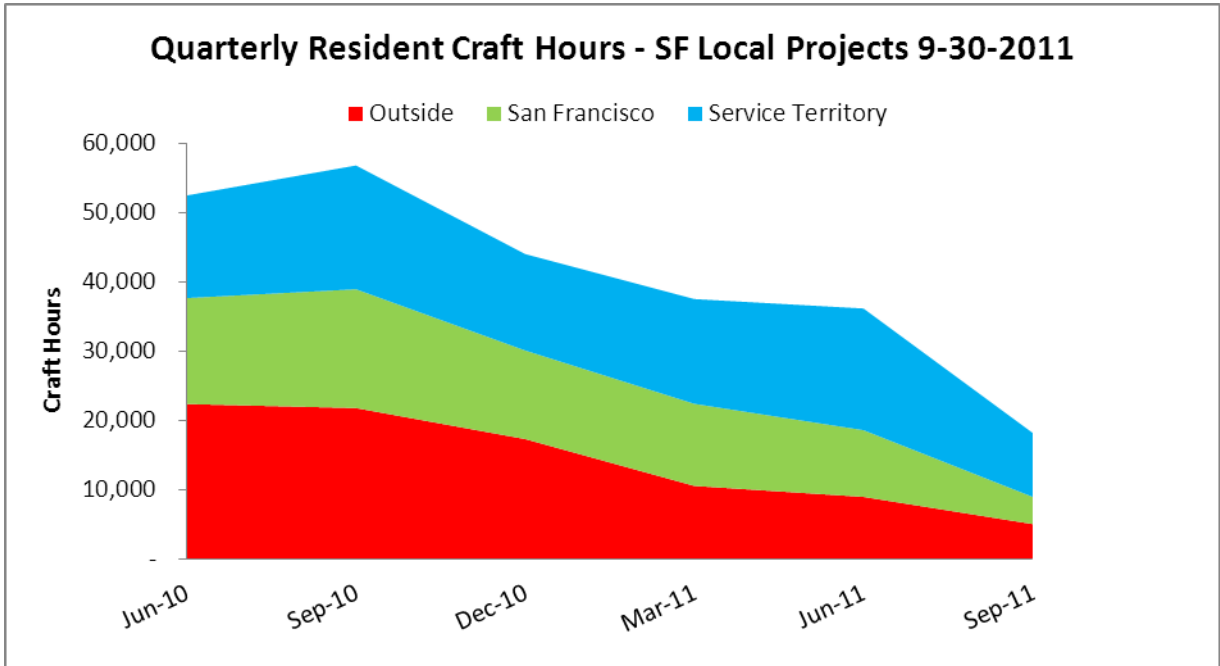
The following charts and tables summarize PLA-Covered craft hours recorded in the Elations Certified Payroll System through Sept. 30, 2011. The Service Territory is defined as zip codes outside San Francisco within which the SFPUC wholesale water customers deliver water, plus zip codes impacted by WSIP construction.

All WSIPLA- Covered Projects



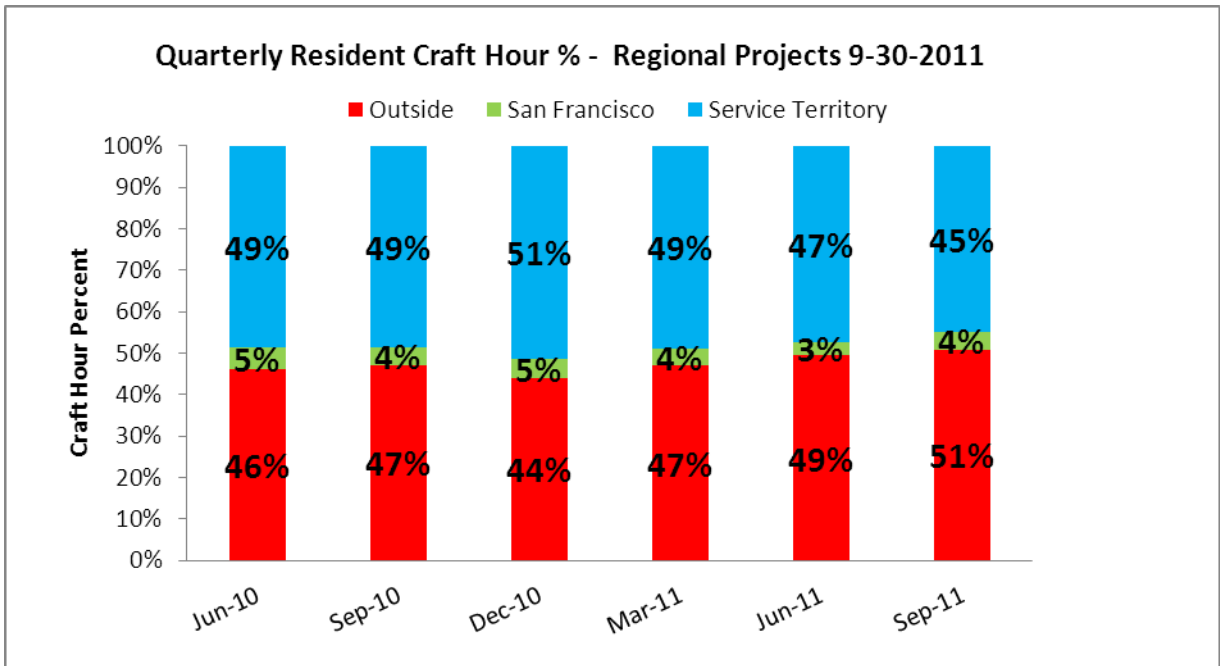
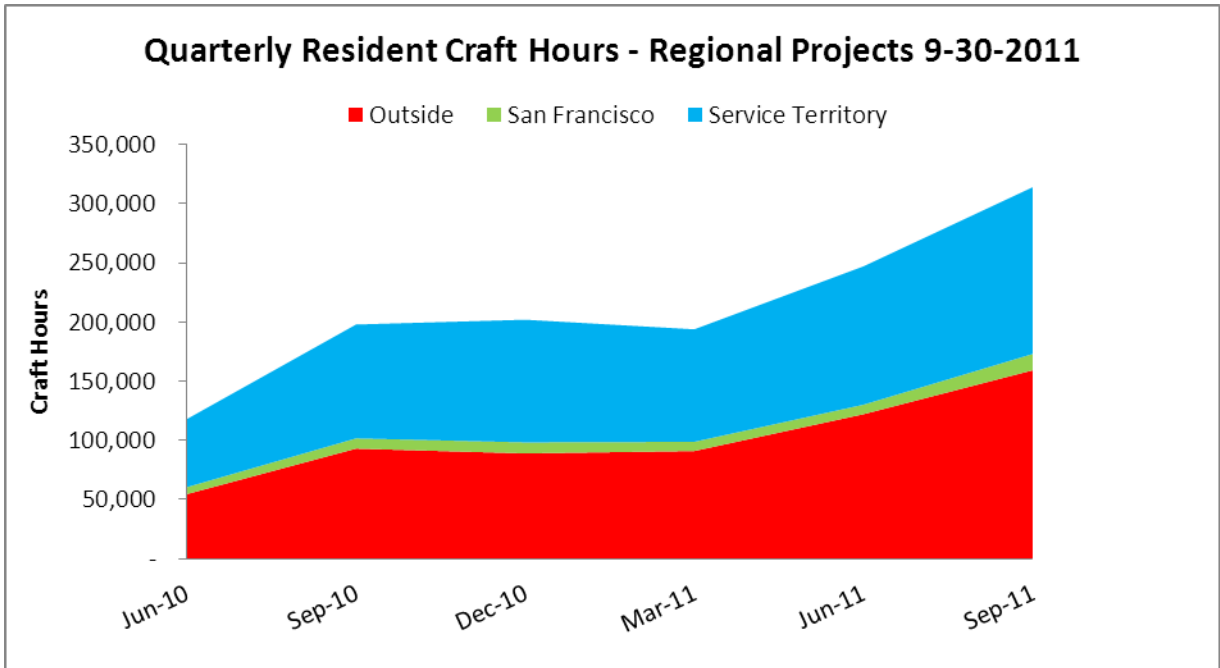
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SF Local WSIP Projects:



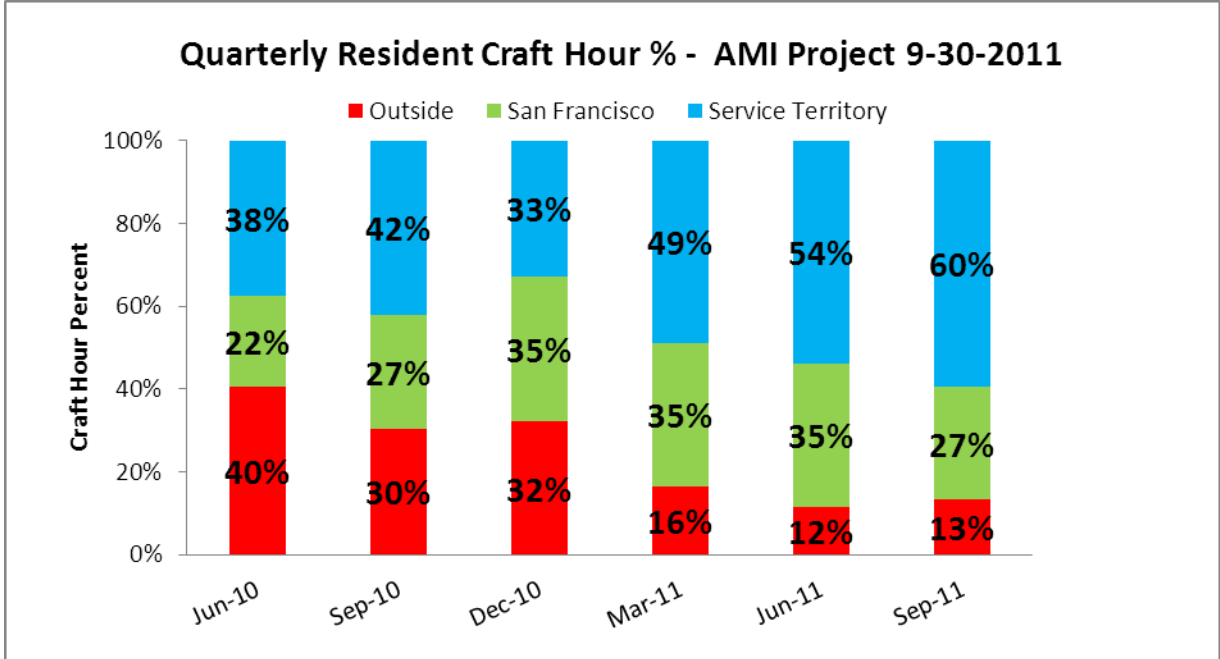
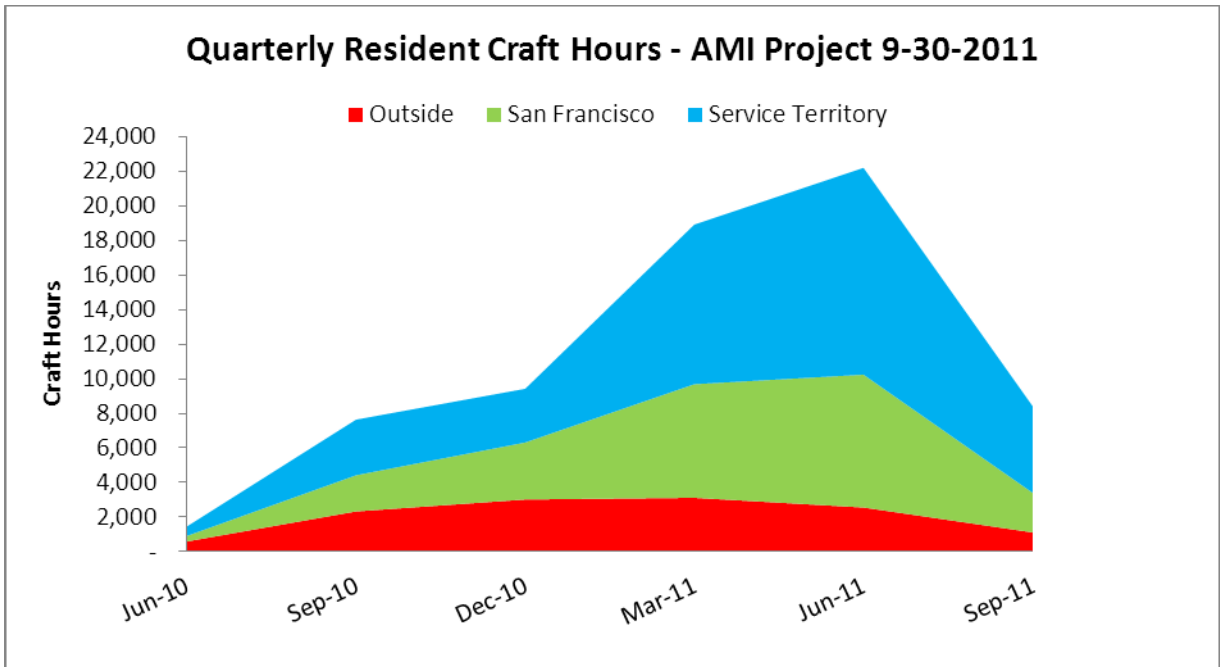
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Regional WSIP Projects:



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Advanced Meter Infrastructure Project:



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Craft Worker Residence by Craft – All WSIPLA Covered Projects

San Francisco Public Utilities Commission Water System Improvement Program Project Labor Agreement Craft Hour Summary for the Quarter Ended Sept. 30, 2011 Employment Summary - Cumulative Employment of Residents by Craft						
Craft	Total Hours	San Francisco	Service Territory	Outside	% San Francisco	% Service Territory
LABORER	827,359	72,452	353,452	401,454	8.8%	42.7%
OPERATING ENGINEER	451,491	29,107	188,855	233,529	6.4%	41.8%
CARPENTER	232,769	37,451	107,557	87,761	16.1%	46.2%
ELECTRICIAN	122,042	15,321	71,944	34,777	12.6%	58.9%
IRON WORKER	110,917	10,601	43,622	56,694	9.6%	39.3%
PLUMBER	96,287	25,052	44,242	26,994	26.0%	45.9%
TUNNEL WORKER	87,225	2,513	30,822	53,891	2.9%	35.3%
TEAMSTER	80,074	9,936	51,033	19,105	12.4%	63.7%
BOILERMAKER	41,885	454	9,404	32,028	1.1%	22.5%
ROOFER	28,492	2,004	14,949	11,539	7.0%	52.5%
CEMENT MASON	27,759	917	15,830	11,013	3.3%	57.0%
PAINTER	23,319	398	3,191	19,731	1.7%	13.7%
PILE DRIVER	17,200	1,151	2,426	13,624	6.7%	14.1%
SHEET METAL WORKER	5,627	392	3,753	1,482	7.0%	66.7%
FIELD SURVEYOR	4,738	863	2,833	1,042	18.2%	59.8%
BRICKLAYER	3,161		2,643	518	0.0%	83.6%
ASBESTOS WORKER	2,854		318	2,536	0.0%	11.1%
TELECOM TECHNICIAN	1,160		1,088	72	0.0%	93.8%
PLASTERER	762	738	24		96.9%	3.1%
GLAZIER	501		202	299	0.0%	40.3%
ELECTRICAL UTILITY LINEMAN	370			370	0.0%	0.0%
SLURRY SEAL WORKER	199		85	114	0.0%	42.8%
TILE FINISHER	128		128		0.0%	100.0%
TILE SETTER	112		110	2	0.0%	98.2%
Total WSIPLA	2,166,426	209,348	948,507	1,008,571	9.7%	43.8%

San Francisco Public Utilities Commission
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Craft Worker Residence by Project – All WSIPLA Covered Projects

San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Craft Employment Summary for the Quarter Ended Sept. 30, 2011 Employment Summary - Cumulative Employment of Residents by Project						
	Total Hours	San Francisco	Service Territory	Outside	% San Francisco	% Service Territory
Advanced Meter	68,405	22,392	33,287	12,726	32.7%	48.7%
Alameda Siphon 4	118,230	1,450	53,484	63,296	1.2%	45.2%
Alemany Pump	73,664	7,878	28,780	37,005	10.7%	39.1%
Baden San Pedro	19,912	4,555	13,411	1,947	22.9%	67.3%
Bay Tunnel	69,652	2,279	30,361	37,012	3.3%	43.6%
BDPL 3&4 Crossover	15,838	7,191	2,825	5,822	45.4%	17.8%
BDPL 5 Peninsula	177,483	2,126	82,511	92,846	1.2%	46.5%
BDPL5 East Bay	194,687	13,611	77,060	104,015	7.0%	39.6%
Calaveras Dam	4,219		844	3,375	0.0%	20.0%
CSPL2	19,047	5,241	6,029	7,777	27.5%	31.7%
CSSA	56,267	3,316	18,072	34,879	5.9%	32.1%
Forest Knolls Pump	26,441	3,828	8,156	14,457	14.5%	30.8%
Harding	10,558	2,549	5,557	2,452	24.1%	52.6%
HTW/TP LTI	16,872	564	6,370	9,938	3.3%	37.8%
HTW/TP Short Term	43,049	7,220	12,845	22,984	16.8%	29.8%
Lake Merced Pump	67,505	17,631	21,834	28,041	26.1%	32.3%
Lower CS Dam	56,637	3,844	33,101	19,692	6.8%	58.4%
NCSBT	117,860	6,825	64,924	46,112	5.8%	55.1%
New Irvington Tunnel	122,413	691	55,196	66,527	0.6%	45.1%
Noe Valley Trans	22,511	3,918	8,054	10,539	17.4%	35.8%
NU Mound System	53,265	10,250	18,221	24,795	19.2%	34.2%
Pulgas Roof	47,218	5,126	23,732	18,361	10.9%	50.3%
Roselle	12,859		8,789	4,070	0.0%	68.3%
San Andreas Pipe 3	83,075	6,271	27,755	49,049	7.5%	33.4%
San Antonio Pump	14,916	101	11,985	2,831	0.7%	80.3%
San Joaquin Crossovers	62,059	158	33,038	28,863	0.3%	53.2%
SCADA II	1,498	113	605	781	7.6%	40.3%
SJPL West	23,261	134	11,303	11,824	0.6%	48.6%
Standby Power	11,275	182	6,599	4,494	1.6%	58.5%
Stanford Heights	74,284	11,120	20,114	43,051	15.0%	27.1%
SVWTP	156,710	6,059	78,169	72,482	3.9%	49.9%
Tesla	137,727	2,724	93,795	41,209	2.0%	68.1%
U Mound Res	187,030	50,004	51,702	85,324	26.7%	27.6%
Total WSIPLA	2,166,426	209,348	948,507	1,008,571	9.7%	43.8%

Craft Worker Residence by County – All WSIPLA Covered Projects

San Francisco Public Utilities Commission
Water System Improvement Program Project Labor Agreement
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San Francisco Public Utilities Commission WSIP - Project Labor Agreement Covered Employment by County of Residence Inception Through Sept. 30, 2011								
County	Craft Hours			Wages	% Craft Hours			FTE's
	AMI	WSIP	Total PLA	Total PLA	AMI	WSIP	Total PLA	
Alameda	2,902	418,954	421,856	\$14,693,712	4.2%	20.0%	19.5%	202.8
Contra Costa	623	300,118	300,741	10,842,922	0.9%	14.3%	13.9%	144.6
San Joaquin	2,196	220,285	222,481	7,587,765	3.2%	10.5%	10.3%	107.0
San Francisco	22,392	186,956	209,348	7,676,213	32.7%	8.9%	9.7%	100.6
San Mateo	27,548	171,782	199,330	7,984,635	40.3%	8.2%	9.2%	95.8
Santa Clara	754	135,487	136,241	4,831,948	1.1%	6.5%	6.3%	65.5
Stanislaus		108,132	108,132	3,789,323	0.0%	5.2%	5.0%	52.0
Sacramento		81,318	81,318	3,186,144	0.0%	3.9%	3.8%	39.1
Out of State	7,776	56,882	64,658	2,947,296	11.4%	2.7%	3.0%	31.1
Solano		59,556	59,556	2,116,382	0.0%	2.8%	2.7%	28.6
Sonoma	2,156	43,630	45,786	1,731,903	3.2%	2.1%	2.1%	22.0
Calaveras		31,016	31,016	1,205,375	0.0%	1.5%	1.4%	14.9
Fresno		29,669	29,669	977,033	0.0%	1.4%	1.4%	14.3
Butte		26,507	26,507	982,763	0.0%	1.3%	1.2%	12.7
Tuolumne		18,226	18,226	693,306	0.0%	0.9%	0.8%	8.8
Merced		17,998	17,998	620,770	0.0%	0.9%	0.8%	8.7
San Bernardino		16,373	16,373	664,958	0.0%	0.8%	0.8%	7.9
Monterey		15,982	15,982	550,759	0.0%	0.8%	0.7%	7.7
Placer		15,041	15,041	620,163	0.0%	0.7%	0.7%	7.2
Riverside		14,971	14,971	609,581	0.0%	0.7%	0.7%	7.2
Madera		13,851	13,851	507,230	0.0%	0.7%	0.6%	6.7
Los Angeles		13,000	13,000	480,606	0.0%	0.6%	0.6%	6.3
Napa		12,733	12,733	498,633	0.0%	0.6%	0.6%	6.1
Yolo		12,219	12,219	399,066	0.0%	0.6%	0.6%	5.9
Santa Cruz		9,131	9,131	352,941	0.0%	0.4%	0.4%	4.4
El Dorado		8,516	8,516	307,676	0.0%	0.4%	0.4%	4.1
Shasta		7,560	7,560	280,028	0.0%	0.4%	0.3%	3.6
San Benito		6,694	6,694	235,562	0.0%	0.3%	0.3%	3.2
Amador		6,215	6,215	230,735	0.0%	0.3%	0.3%	3.0
San Luis Obispo		5,598	5,598	251,891	0.0%	0.3%	0.3%	2.7
Orange		5,153	5,153	259,960	0.0%	0.2%	0.2%	2.5
Mariposa		4,916	4,916	211,845	0.0%	0.2%	0.2%	2.4
Imperial		3,975	3,975	178,645	0.0%	0.2%	0.2%	1.9
Marin	1,526	2,205	3,731	172,342	2.2%	0.1%	0.2%	1.8
Yuba		3,709	3,709	127,937	0.0%	0.2%	0.2%	1.8
San Diego	493	2,847	3,339	146,540	0.7%	0.1%	0.2%	1.6
Kern		2,930	2,930	116,280	0.0%	0.1%	0.1%	1.4
Sutter		2,468	2,468	91,054	0.0%	0.1%	0.1%	1.2
Nevada		1,953	1,953	78,997	0.0%	0.1%	0.1%	0.9
Tehama		1,170	1,170	44,171	0.0%	0.1%	0.1%	0.6
Inyo		497	497	15,009	0.0%	0.0%	0.0%	0.2
Siskiyou		493	493	18,955	0.0%	0.0%	0.0%	0.2
Humboldt		349	349	19,041	0.0%	0.0%	0.0%	0.2
Mendocino	40	273	313	9,133	0.1%	0.0%	0.0%	0.2
Kings		214	214	6,625	0.0%	0.0%	0.0%	0.1
Lake		209	209	6,529	0.0%	0.0%	0.0%	0.1
Plumas		93	93	3,142	0.0%	0.0%	0.0%	0.0
Colusa		70	70	1,920	0.0%	0.0%	0.0%	0.0
Ventura		45	45	2,394	0.0%	0.0%	0.0%	0.0
Sierra		36	36	1,109	0.0%	0.0%	0.0%	0.0
Tulare		20	20	338	0.0%	0.0%	0.0%	0.0
Santa Barbara		4	4	187	0.0%	0.0%	0.0%	0.0
Total WSIPLA	68,405	2,098,021	2,166,426	\$79,369,473	100.0%	100.0%	100.0%	1,042

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Craft Employment of San Francisco Residents by Zip Code:

San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Craft Hour Summary for the Quarter Ended Sept. 30, 2011 Employment Summary - San Francisco Residents by Zip Code								
Zip Code	Hours			Wages	% Hours			FTE's
	AMI	WSIP	Total PLA	Total PLA	AMI	WSIP	Total PLA	
94112	5,658	24,948	30,606	1,089,033	25.27%	13.34%	14.62%	14.7
94110	40	29,460	29,500	942,143	0.18%	15.76%	14.09%	14.2
94124	6,480	19,900	26,380	1,000,368	28.94%	10.64%	12.60%	12.7
94116	385	21,624	22,009	1,149,750	1.72%	11.57%	10.51%	10.6
94134	4,718	16,640	21,358	654,288	21.07%	8.90%	10.20%	10.3
94122	1,052	14,900	15,952	636,490	4.70%	7.97%	7.62%	7.7
94103		10,017	10,017	314,518		5.36%	4.78%	4.8
94127		7,016	7,016	270,635		3.75%	3.35%	3.4
94121	1,093	5,223	6,316	231,729	4.88%	2.79%	3.02%	3.0
94117	489	5,638	6,127	157,188	2.18%	3.02%	2.93%	2.9
94102	2,124	2,908	5,032	199,136	9.49%	1.56%	2.40%	2.4
94132	8	4,884	4,892	212,412	0.04%	2.61%	2.34%	2.4
94118		3,194	3,194	133,543		1.71%	1.53%	1.5
94131	32	3,132	3,164	157,743	0.14%	1.68%	1.51%	1.5
94107		2,856	2,856	96,516		1.53%	1.36%	1.4
94114		2,849	2,849	104,545		1.52%	1.36%	1.4
94108		2,796	2,796	56,682		1.50%	1.34%	1.3
94133	-	2,547	2,547	83,078		1.36%	1.22%	1.2
94109		2,514	2,514	73,346		1.34%	1.20%	1.2
94130	-	2,435	2,435	50,179		1.30%	1.16%	1.2
94129	-	447	447	13,106		0.24%	0.21%	0.2
94123	306		306	15,062.96	1.37%	0.00%	0.15%	0.1
94115	8	287	295	8,064	0.04%	0.15%	0.14%	0.1
94140	-	288	288	11,589		0.15%	0.14%	0.1
94142	-	261	261	7,859		0.14%	0.12%	0.1
94111		112	112	2,917		0.06%	0.05%	0.1
94188	-	61	61	3,626		0.03%	0.03%	0.0
94125	-	8	8	225		0.00%	0.00%	0.0
94158	-	8	8	178		0.00%	0.00%	0.0
94164	-	6	6	264		0.00%	0.00%	0.0
	22,392	186,956	209,348	7,676,213	100.00%	100.00%	100.00%	100.6

San Francisco Public Utilities Commission
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Apprentice Utilization

The WSIPLA encourages participating contractors to employ apprentices in the ratios specified by the State of California, Division of Apprenticeship Standards, generally 16.67% of craft hours calculated at the end of the job for each apprenticeable trade. The principal non-apprenticeable trades expected to be employed on the WSIPLA are Teamsters and Tunnel Workers.

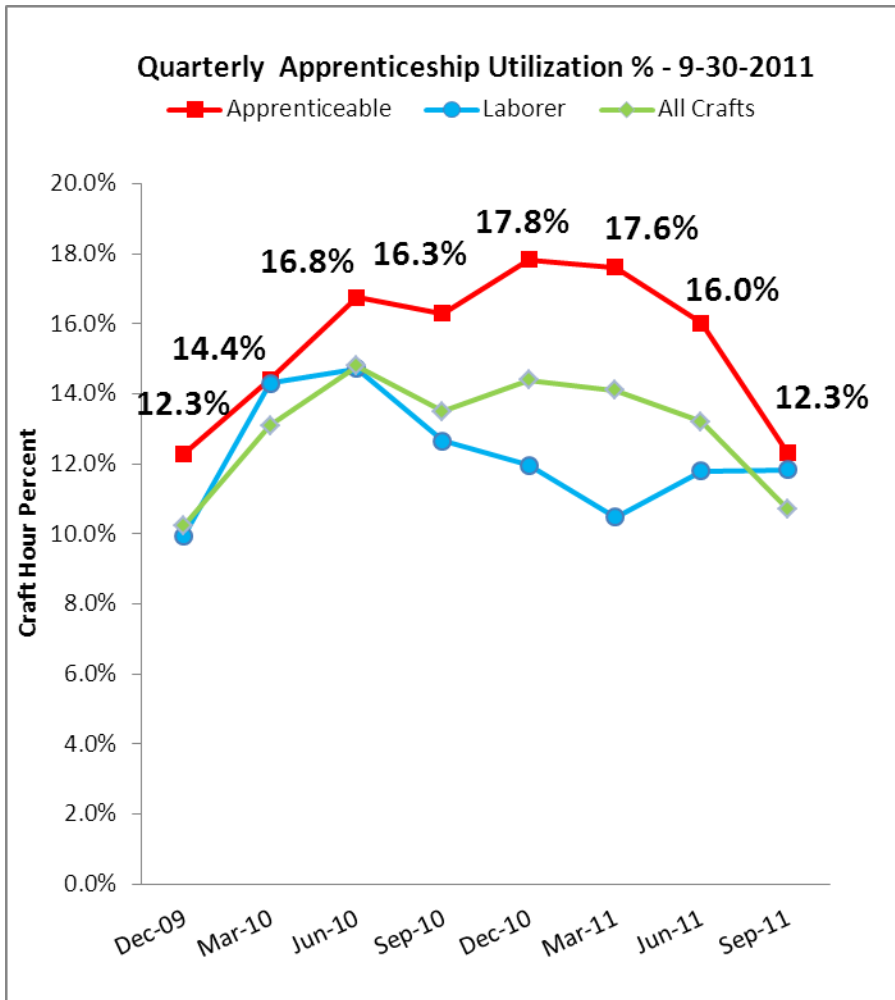
San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Craft Employment Summary for the Quarter Ended Sept. 30, 2011 Apprentice Utilization on the WSIPLA - By Craft								
Craft/Program	Total Hours	Apprentice Hours	Apprentice Hours			Apprentice Utilization		
			San Francisco	Service Territory	Outside	% All Apprentices	% San Francisco	Service Territory
BOILERMAKER	41,885	1,847	40	1,171	636	4.41%	0.10%	2.80%
BRICKLAYER	3,161	671		383	288	21.21%	0.00%	12.10%
CARPENTER	232,769	36,800	14,232	15,356	7,212	15.81%	6.11%	6.60%
CEMENT MASON	27,759	874	643	47	184	3.15%	2.32%	0.17%
ELECTRICAL UTILITY LINEMAN	370					0.00%	0.00%	0.00%
ELECTRICIAN	122,042	25,107	4,412	16,936	3,760	20.57%	3.61%	13.88%
FIELD SURVEYOR	4,738	73		49	24	1.54%	0.00%	1.03%
GLAZIER	501	16		16		3.20%	0.00%	3.20%
IRON WORKER	110,917	26,596	6,957	11,002	8,637	23.98%	6.27%	9.92%
OPERATING ENGINEER	451,491	46,259	10,844	24,133	11,283	10.25%	2.40%	5.35%
PAINTER	23,319	3,612	263	114	3,235	15.49%	1.13%	0.49%
PILE DRIVER	17,200	546	134	212	200	3.17%	0.78%	1.23%
PLASTERER	762					0.00%	0.00%	0.00%
PLUMBER	27,883	6,618	1,891	3,233	1,495	23.74%	6.78%	11.59%
ROOFER	28,492	8,258	1,121	3,919	3,218	28.98%	3.93%	13.76%
SHEET METAL WORKER	5,627	484		337	147	8.60%	0.00%	5.98%
TILE FINISHER	128					0.00%	0.00%	0.00%
TILE SETTER	112					0.00%	0.00%	0.00%
Total Apprenticeable	1,099,150	157,758	40,536	76,906	40,317	14.35%	3.69%	7.00%
LABORER	827,359	91,501	14,321	65,217	11,964	11.06%	1.73%	7.88%
Non-Apprenticeable								
ASBESTOS WORKER	2,854							
SLURRY SEAL WORKER	199							
TEAMSTER	80,074							
TELECOMMUNICATIONS TECH	1,160							
TUNNEL WORKER	87,225							
Total Non-Apprenticeable	171,512							
Total WSIP	2,098,021	249,260	54,856	142,123	52,281	11.88%	2.61%	6.77%
AMI								
PLUMBER	68,405	21,419	6,851	13,361	1,207	31.31%	10.01%	19.53%
Total WSIPLA	2,166,426	270,678	61,707	155,484	53,488	12.49%	2.85%	7.18%

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San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Craft Employment Summary for the Quarter Ended Sept. 30, 2011 Apprentice Utilization on the WSIPLA - By Project									
Project	All Craft Workers				Apprentices			Apprentice Utilization %	
	Apprenticeable Trades	Laborer	Non-Apprenticeable	Total Craft Hours	Apprenticeable Trades	Laborer	Total Apprentice Hours	Apprenticeable Trades	Laborer
Alameda Siphon 4	70,148	40,493	7,589	118,230	10,797	7,747	18,543	15.4%	19.1%
Alemaný Pump	53,924	19,691	48	73,664	7,322	223	7,544	13.6%	1.1%
Baden San Pedro	11,039	8,530	344	19,912	949	1,788	2,737	8.6%	21.0%
Bay Tunnel	33,144	24,848	11,660	69,652	2,066	3,268	5,333	6.2%	13.1%
BDPL 3&4 Crossover	11,171	4,667		15,838	1,402	-	1,402	12.6%	0.0%
BDPL 5 Peninsula	60,472	97,988	19,023	177,483	4,986	13,870	18,856	8.2%	14.2%
BDPL5 East Bay	83,630	100,347	10,710	194,687	9,270	9,457	18,726	11.1%	9.4%
Calaveras Dam	1,912	2,307		4,219	-	-	-	0.0%	0.0%
CSPL2	6,329	11,189	1,529	19,047	617	1,064	1,681	9.7%	9.5%
CSSA	32,247	21,121	2,899	56,267	2,413	2,248	4,661	7.5%	10.6%
Forest Knolls Pump	17,165	9,243	33	26,441	2,888	19	2,907	16.8%	0.2%
Harding	4,114	6,444		10,558	571	288	859	13.9%	4.5%
HTWTP LTI	9,859	6,454	559	16,872	1,421	724	2,145	14.4%	11.2%
HTWTP Short Term	22,692	20,358		43,049	2,089	-	2,089	9.2%	0.0%
Lake Merced Pump	52,061	15,301	143	67,505	9,228	26	9,254	17.7%	0.2%
Lower CS Dam	23,581	33,049	6	56,637	2,974	2,180	5,154	12.6%	6.6%
NCSBT	63,888	11,634	42,339	117,860	12,361	5,252	17,612	19.3%	45.1%
New Irvington Tunnel	59,601	24,653	38,159	122,413	5,567	4,120	9,687	9.3%	16.7%
Noe Valley Trans	6,021	14,423	2,067	22,511	-	1,133	1,133	0.0%	7.9%
NU Mound System	14,383	31,800	7,082	53,265	743	2,255	2,998	5.2%	7.1%
Pulgas Roof	32,936	14,126	156	47,218	6,619	673	7,292	20.1%	4.8%
Roselle	7,968	4,729	163	12,859	1,384	559	1,943	17.4%	11.8%
San Andreas Pipe 3	28,638	42,922	11,516	83,075	3,994	5,317	9,311	13.9%	12.4%
San Antonio Pump	8,241	6,539	137	14,916	859	939	1,798	10.4%	14.4%
San Joaquin Crossover	38,352	23,057	650	62,059	3,361	2,972	6,333	8.8%	12.9%
SCADA II	728	771		1,498	115	-	115	15.8%	0.0%
SJPL West	8,015	11,522	3,725	23,261	423	1,644	2,067	5.3%	14.3%
Standby Power	9,046	2,230		11,275	626	-	626	6.9%	0.0%
Stanford Heights	40,434	33,851		74,284	9,134	757	9,891	22.6%	2.2%
SVWTP	85,470	63,044	8,196	156,710	13,446	6,485	19,931	15.7%	10.3%
Tesla	95,616	40,529	1,582	137,727	16,288	9,998	26,286	17.0%	24.7%
U Mound Res	106,330	79,502	1,199	187,030	23,851	6,500	30,350	22.4%	8.2%
Total WSIP	1,099,150	827,359	171,512	2,098,021	157,758	91,501	249,260	14.4%	11.1%
Advanced Meter	68,405			68,405	21,419		21,419	31.3%	0.0%
Total WSIPLA	1,167,555	827,359	171,512	2,166,426	179,177	91,501	270,678	15.3%	11.1%

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The following chart indicates quarterly apprentice utilization over the two years ended September 30, 2011 for Apprenticeable Trades, Laborers, and all Crafts combined.



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Employment of Low-Income Residents

As of Sept. 30, 2011, SFPUC and City staff had placed 173 low-income Apprentices and 78 low-income Journeymen on PLA-Covered Projects including the WSIP and the Advanced Meter Infrastructure Project. These 248 individuals represent 7.1% of the total hours worked and 5.2% of the wages earned by workers covered by the WSIPLA.

Water System Improvement Program Assisted Placement in PLA-Covered WSIP Projects and Advance Meter Infrastructure Project By Pre-Apprenticeship Training Program PLA Inception (Stanford Heights Reservoir) through Sept. 30, 2011						
Referring Agency	Workers	Hours	Wages	% Workers	% Hours	% Wages
<u>Pre-Apprenticeship Training</u>						
CityBuild Academy	31	18,288	\$ 422,376	4.46%	6.76%	6.16%
Cypress Mandela Training Center, Inc.	12	12,046	258,000	1.73%	4.45%	3.76%
Helmets to Hardhats	1	2,854	67,044	0.14%	1.05%	0.98%
Job Train's Project Build	23	21,644	462,438	3.31%	8.00%	6.75%
Northern California Construction and Training Inc.	1	1,253	22,752	0.14%	0.46%	0.33%
San Joaquin County Office of Ed. YouthBuild	9	7,321	149,537	1.29%	2.70%	2.18%
Total Pre-Apprenticeship Graduates	77	63,404	1,382,147	11.08%	23.42%	20.16%
General Referral/Assistance						
CityBuild	48	17,378	446,674	6.91%	6.42%	6.52%
SFPUC	48	38,115	944,199	6.91%	14.08%	13.77%
Total General Referral/Assistance	96	55,492	1,390,873	13.81%	20.50%	20.29%
Total Assisted Apprentice Placements	173	118,896	2,773,020	24.89%	43.93%	40.45%
Unassisted Apprentices	522	151,782	4,081,863	75.11%	56.07%	59.55%
Total Apprentices	695	270,678	6,854,883	100.00%	100.00%	100.00%
<u>Journeyman Assistance</u>						
CityBuild	66	28,524	1,100,896	1.37%	1.50%	1.52%
Job Train's Project Build	4	1,036	30,813	0.08%	0.05%	0.04%
San Joaquin County Office of Ed. YouthBuild	1	262	6,018	0.02%	0.01%	0.01%
SFPUC	7	5,472	193,816	0.15%	0.29%	0.27%
Total Assisted Journeyman Placements	78	35,294	1,331,543	1.62%	1.86%	1.84%
Unassisted Journeymen	4743	1,860,454	71,183,047	98.38%	98.14%	98.16%
Total Journeymen	4821	1,895,748	72,514,590	100.00%	100.00%	100.00%
<u>Total Workforce</u>						
Pre-Apprenticeship Training						
CityBuild Academy	31	18,288	422,376	0.57%	0.84%	0.53%
Cypress Mandela Training Center, Inc.	12	12,046	258,000	0.22%	0.56%	0.33%
Helmets to Hardhats	1	2,854	67,044	0.02%	0.13%	0.08%
Job Train's Project Build	25	21,644	462,438	0.46%	1.00%	0.58%
Northern California Construction and Training Inc.	1	1,253	22,752	0.02%	0.06%	0.03%
San Joaquin County Office of Ed. YouthBuild	10	7,321	149,537	0.18%	0.34%	0.19%
Total Pre-Apprenticeship Graduates	80	63,404	1,382,147	1.46%	2.93%	1.74%
General Referral/Assistance						
CityBuild	109	45,902	1,547,570	1.99%	2.12%	1.95%
Job Train's Project Build	4	1,036	30,813	0.07%	0.05%	0.04%
San Joaquin County Office of Ed. YouthBuild	1	262	6,018	0.02%	0.01%	0.01%
SFPUC	54	43,587	1,138,015	0.99%	2.01%	1.43%
Total General Referral/Assistance	168	90,786	2,722,416	1.01%	2.02%	1.44%
Total Assisted Placements	248	154,189	4,104,563	4.54%	7.12%	5.17%
All Others	5219	2,012,237	75,264,910	95.46%	92.88%	94.83%
Total Workforce	5467	2,166,426	\$79,369,473	100.00%	100.00%	100.00%

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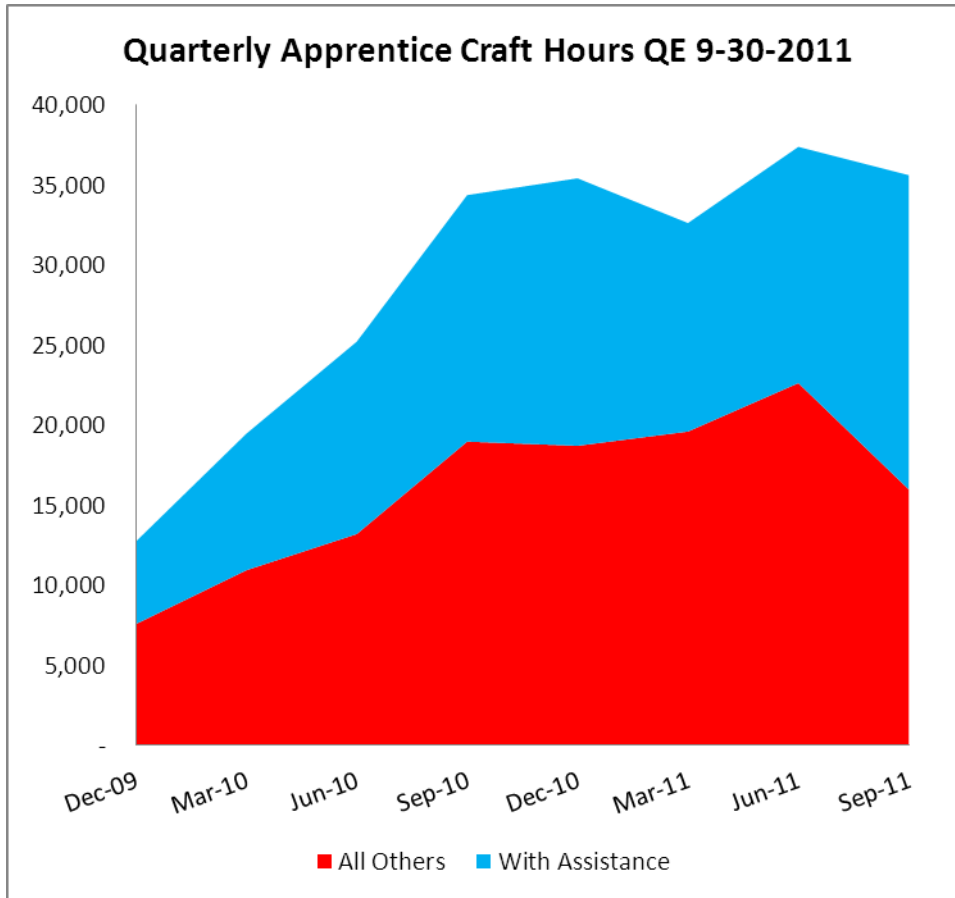
San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Assisted Employment of Apprentices by Project WSIPLA Inception through Sept. 30, 2011						
Project	Project Total		Assisted Total		% Assisted	
	Hours	Wages	Hours	Wages	Hours	Wages
Alameda Siphon 4	18,543	\$ 452,389	14,725	\$ 344,641	79.4%	76.2%
Aleman Pump	7,544	205,611	2,671	75,377	35.4%	36.7%
Baden San Pedro	2,737	69,688	2,057	53,107	75.2%	76.2%
Bay Tunnel	5,333	123,193	4,133	89,531	77.5%	72.7%
BDPL 3&4 Crossover	1,402	44,076	7	161	0.5%	0.4%
BDPL 5 Peninsula	18,856	450,197	14,426	307,841	76.5%	68.4%
BDPL5 East Bay	18,726	435,930	9,451	215,112	50.5%	49.3%
CSPL2	1,681	37,646	1,046	26,494	62.2%	70.4%
CSSA	4,661	110,872	2,259	51,979	48.5%	46.9%
Forest Knolls Pump	2,907	67,511	1,888	45,331	64.9%	67.1%
Harding	859	25,369	762	22,730	88.8%	89.6%
HTWTP LTI	2,145	49,947	903	18,925	42.1%	37.9%
HTWTP Short Term	2,089	50,525	1,329	33,110	63.6%	65.5%
Lake Merced Pump	9,254	284,779	3,508	101,549	37.9%	35.7%
Lower CS Dam	5,154	131,759	3,771	103,010	73.2%	78.2%
NCSBT	17,612	484,178	112	1,952	0.6%	0.4%
New Irvington Tunnel	9,687	217,496	6,136	128,432	63.3%	59.1%
Noe Valley Trans	1,133	21,770	981	19,099	86.6%	87.7%
NU Mound System	2,998	64,014	2,550	54,771	85.1%	85.6%
Pulgas Roof	7,292	196,192	1,458	37,940	20.0%	19.3%
Roselle	1,943	49,018	256	4,669	13.2%	9.5%
San Andreas Pipe 3	9,311	217,784	7,673	164,632	82.4%	75.6%
San Antonio Pump	1,798	52,824	931	18,197	51.8%	34.4%
San Joaquin Crossovers	6,333	161,362	2,514	55,047	39.7%	34.1%
SCADA II	115	3,844			0.0%	0.0%
SJPL West	2,067	43,438	1,765	37,207	85.4%	85.7%
Standby Power	626	15,558			0.0%	0.0%
Stanford Heights	9,891	262,157	1,336	29,576	13.5%	11.3%
SVWTP	19,931	486,795	10,051	233,042	50.4%	47.9%
Tesla	26,286	596,614	2,743	51,352	10.4%	8.6%
U Mound Res	30,350	832,938	14,777	372,015	48.7%	44.7%
Total WSIP Apprentices Covered by PLA	249,260	6,245,474	116,213	2,696,828	46.6%	43.2%
Advanced Meter Infrastructure	21,419	609,409	2,683	76,191	12.5%	12.5%
Total Apprentices WSIPLA	270,678	\$6,854,883	118,896	\$2,773,020	43.9%	40.5%

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San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Assisted Employment by Project WSIPLA Inception through Sept. 30, 2011									
Project	Project Total Craft Hours			Assisted Craft Hours			% Assisted		
	Apprentice	Journey	Total	Apprentice	Journey	Total	Apprentice	Journey	Total
Advanced Meter Infrastructure	21,419	46,986	68,405	2,683	10,430	13,113	12.5%	22.2%	19.2%
Alameda Siphon No. 4	18,543	99,687	118,230	14,725	54	14,779	79.4%	0.1%	12.5%
Alemany Pump Station	7,544	66,120	73,664	2,671	530	3,201	35.4%	0.8%	4.3%
Baden and San Pedro Valve Lot	2,737	17,176	19,912	2,057	82	2,139	75.2%	0.5%	10.7%
Bay Tunnel	5,333	64,319	69,652	4,133	-	4,133	77.5%	0.0%	5.9%
BDPL 5 - East Bay	18,726	175,961	194,687	9,451	1,019	10,470	50.5%	0.6%	5.4%
BDPL 5 - Peninsula	18,856	158,627	177,483	14,426	523	14,949	76.5%	0.3%	8.4%
BDPL Nos. 3&4 Crossover	1,402	14,436	15,838	7	-	7	0.5%	0.0%	0.0%
Calaveras Dam		4,219	4,219					0.0%	0.0%
Crystal Springs / San Andreas	4,661	51,607	56,267	2,259	561	2,820	48.5%	1.1%	5.0%
Crystal Springs Pipe # 2	1,681	17,366	19,047	1,046	611	1,657	62.2%	3.5%	8.7%
Forest Knolls Pump Station	2,907	23,534	26,441	1,888	-	1,888	64.9%	0.0%	7.1%
Harding Park	859	9,699	10,558	762	8	770	88.8%	0.1%	7.3%
Harry Tracy Long Term Impr	2,145	14,727	16,872	903	-	903	42.1%	0.0%	5.4%
Harry Tracy WTP Short Term	2,089	40,961	43,049	1,329	183	1,512	63.6%	0.4%	3.5%
Lake Merced Pump Station	9,254	58,251	67,505	3,508	6,902	10,410	37.9%	11.8%	15.4%
Lower Crystal Springs Dam	5,154	51,483	56,637	3,771	526	4,297	73.2%	1.0%	7.6%
New Crystal Springs Bypass Tunnel	17,612	100,248	117,860	112	236	348	0.6%	0.2%	0.3%
New Irvington Tunnel	9,687	112,726	122,413	6,136	2,406	8,542	63.3%	2.1%	7.0%
Noe Valley Transmission Main	1,133	21,378	22,511	981	-	981	86.6%	0.0%	4.4%
North U Mound System	2,998	50,268	53,265	2,550	106	2,656	85.1%	0.2%	5.0%
Pulgas Rehab and Roof	7,292	39,926	47,218	1,458	1,242	2,700	20.0%	3.1%	5.7%
Roselle Crossovers	1,943	10,917	12,859	256	32	288	13.2%	0.3%	2.2%
San Andreas Pipeline No.3	9,311	73,764	83,075	7,673	458	8,130	82.4%	0.6%	9.8%
San Antonio Pump Station	1,798	13,119	14,916	931	-	931	51.8%	0.0%	6.2%
San Joaquin Crossovers	6,333	55,726	62,059	2,514	262	2,776	39.7%	0.5%	4.5%
San Joaquin Pipeline West	2,067	21,194	23,261	1,765	-	1,765	85.4%	0.0%	7.6%
SCADA System Phase II	115	1,383	1,498			-	0.0%	0.0%	0.0%
Standby Power Facilities	626	10,649	11,275			-	0.0%	0.0%	0.0%
Stanford Heights Reservoir	9,891	64,393	74,284	1,336	981	2,317	13.5%	1.5%	3.1%
Sunol Valley WTP	19,931	136,779	156,710	10,051	221	10,272	50.4%	0.2%	6.6%
Tesla Treatment Facility	26,286	111,441	137,727	2,743	-	2,743	10.4%	0.0%	2.0%
University Mound Reservoir	30,350	156,680	187,030	14,777	7,924	22,700	48.7%	5.1%	12.1%
Total WSIPLA	270,678	1,895,748	2,166,426	118,896	35,293	154,189	43.93%	1.86%	7.12%

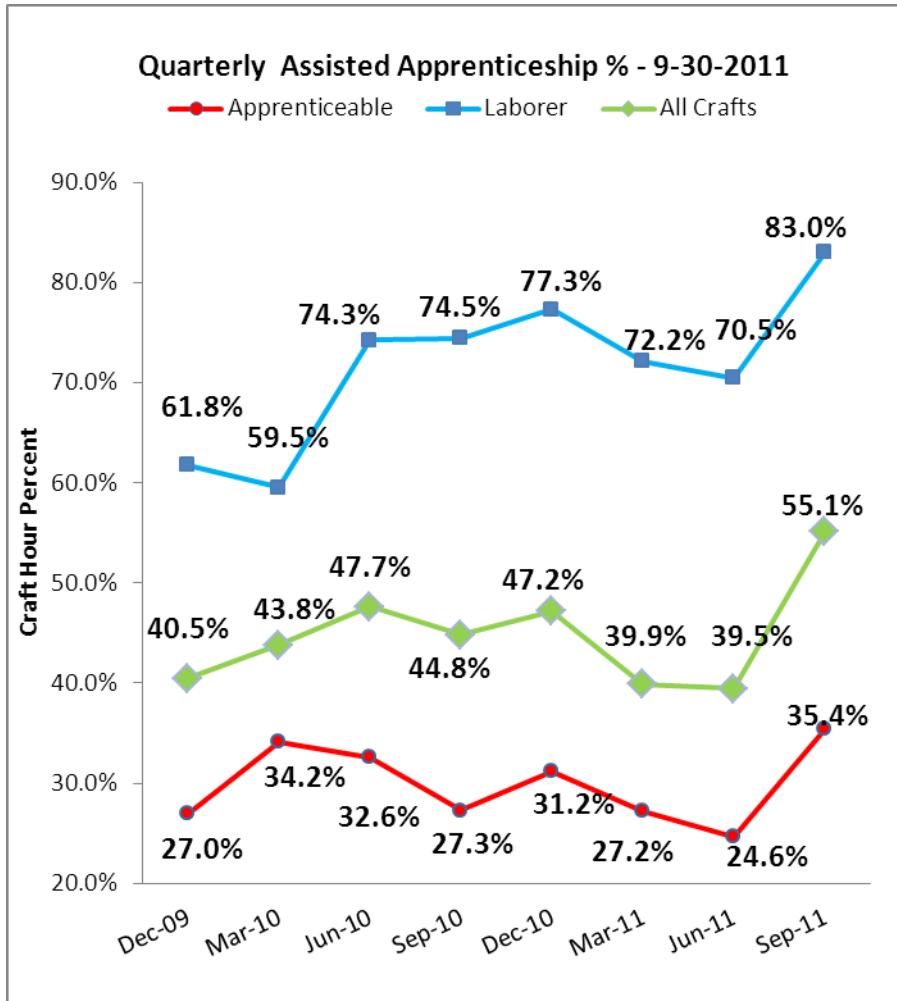
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The chart below indicates total Apprentice Hours with and without assistance for the eight quarters ended Sept. 30, 2011.



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The following chart indicates the percentage of Apprentice hours worked by Apprentices hired with the assistance of WSIPLA staff for Apprenticeable Trades, Laborers, and all Apprentice hours combined for the eight quarters ended Sept. 30, 2011.



Substance Abuse Prevention

The WSIPLA 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 requires testing where a contractor concludes that an employee was under the influence of drugs or alcohol at the time of an accident. The SFPUC has extended the WSIPLA substance abuse prevention policy to all contractor employees working at the job site.

As of Sept.30, 2011, 6,024 pre-employment tests had been administered to people who were cleared to work. 88 people failed to pass pre-employment tests and consequently were prevented from working. The following table summarizes the results of the Substance Abuse Prevention Program as of Sept 30, 2011.

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San Francisco Public Utilities Commission WSIP - Project Labor Agreement Substance Abuse Testing Summary Tests Administered to Individuals Cleared to Work Through Sept. 30, 2011		
Project	Number Cleared	
Advanced Meter Infrastructure	76	
Alameda Siphon #4	217	
Alemanys Pump Station Upgrade	374	
Baden & San Pedro Valve Lot Improvements	86	
Bay Division 3 & 4 Crossover Facilities	106	
Bay Division Pipeline #5 - East Bay Reaches	491	
Bay Division Pipeline #5 - Peninsula Reaches	247	
Bay Tunnel Project	269	
Calaveras Dam Replacement	79	
Crystal Springs / San Andreas	382	
Crystal Springs Pipeline No. 2 Replacement Project	36	
Forest Knolls Pump Station Project	115	
Harding Park Recycled Water Project	7	
Harry Tracy Long Term Impr	177	
Harry Tracy Water Treatment Project	93	
Lake Merced Pump Station	411	
Lower Crystal Springs Dam	123	
New Crystal Springs Bypass Tunnel	213	
New Irvington Tunnel	319	
Noe Valley Transmission Main Phase II	27	
North University Mound System Upgrade	55	
Pulgas Balancing Reservoir Structural Rehabilitati	184	
Roselle Crossovers	63	
San Andreas Pipeline #3	179	
San Antonio Pump Station Upgrade	70	
San Joaquin Pipeline Crossovers	178	
San Joaquin Pipeline System-Western Segment	102	
Scada System Phase II	28	
SF PUC - PNC Participants	0	
Standby Power	30	
Stanford Heights Reservoir Project	199	
Sunol Valley Water Treatment Plant	408	
Tesla Treatment Facility Project	361	
University Mound Reservoir North Basin Seismic	319	
Grand Total	6024	
Positive Pre-Employment Tests Through Sept. 30, 2011		
Banned Substance	% Positive	# Positive
Alcohol	0.08%	5
Amphetamines	0.21%	13
Amphetamines/Dilute	0.03%	2
Benzodiazepines	0.03%	2
Cocaine	0.16%	10
Marijuana	0.61%	37
Marijuana Amphetamines	0.02%	1
Methadone	0.02%	1
Opiates	0.05%	3
Opiates/Alcohol	0.02%	1
Phencyclidine	0.02%	1
Refused	0.20%	12
Total Positive	1.44%	88

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WSIP Craft Hour Estimate

The WSIP Craft Hour Estimate is based on estimated construction spending as of Sept. 30, 2012. The WSIP program is expected to require a total of 8,727,184 craft hours, including 5,150,129 craft hours in twelve areas of construction activity in six Bay Area Counties from October 1, 2011 through completion in 2016.

San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement WSIP Craft Hour Forecast as of Sept. 30, 2011							
Craft Area	San		San	San Mateo	Santa Clara	Stanislaus	Total
	Alameda	Francisco	Joaquin				
Carpentry	111,306	41,329	2,437	118,936	1,978	10,306	286,292
Concrete	530,862	187,893	8,705	364,156	5,847	12,269	1,109,732
Electrical	92,406	149,856	11,384	172,001	7,830	19,727	453,205
Heavy Equipment Operation	568,842	395,608	5,457	203,328	7,293	80,756	1,261,285
Masonry	30,737	72,118	5,850	23,710	3,520	-	135,935
Mechanical	268,188	133,348	9,107	180,702	9,523	81,424	682,292
Painting	44,749	69,753	5,658	7,028	4,593	23,925	155,706
Roofing	31,010	36,348	2,948	1,781	1,774	-	73,861
Sheet Metal	9,332	36,348	2,948	1,034	1,774	-	51,437
Structural Steel	74,994	105,649	7,616	42,955	5,116	10,735	247,067
Trucking & Hauling	237,532	82,618	3,152	26,040	3,220	26,653	379,215
Underground Tunnel Work	313,986	-	-	117	-	-	314,103
	2,313,945	1,310,869	65,262	1,141,788	52,469	265,796	5,150,129

San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement WSIP Craft Hour Forecast as of Sept. 30, 2011							
County	2011 (3						Total WSIP
	Mos.)	2012	2013	2014	2015	2016	
Alameda	266,986	912,755	752,430	239,191	120,050	22,533	2,313,945
San Francisco	26,099	187,255	246,848	481,056	363,114	6,497	1,310,869
San Joaquin	21,754	43,508	-	-	-	-	65,262
San Mateo	152,829	486,059	346,316	138,249	18,336	-	1,141,788
Santa Clara	7,169	23,878	14,281	7,140	-	-	52,469
Stanislaus	54,526	187,889	23,381	-	-	-	265,796
Grand Total	529,362	1,841,344	1,383,257	865,635	501,500	29,030	5,150,129

San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement WSIP Craft Hour Forecast as of Sept. 30, 2011							
Craft Area	2011 (3						Total WSIP
	Mos.)	2012	2013	2014	2015	2016	
Carpentry	27,163	102,685	91,297	45,490	18,542	1,116	286,292
Concrete	128,509	419,336	320,457	168,412	71,103	1,915	1,109,732
Electrical	35,688	137,764	110,131	103,796	63,011	2,815	453,205
Heavy Equipment Operation	120,631	426,889	375,614	224,402	106,379	7,369	1,261,285
Masonry	10,318	39,529	25,979	30,315	29,204	591	135,935
Mechanical	76,596	263,975	166,512	97,722	69,693	7,794	682,292
Painting	14,038	42,242	28,076	34,634	34,126	2,591	155,706
Roofing	3,749	10,975	28,466	15,655	14,719	298	73,861
Sheet Metal	3,824	10,631	6,436	15,530	14,719	298	51,437
Structural Steel	21,459	77,203	51,092	52,345	43,292	1,675	247,067
Trucking & Hauling	29,663	114,576	123,438	72,255	36,714	2,569	379,215
Underground Tunnel Work	57,724	195,540	55,760	5,079	-	-	314,103
Grand Total	398,905	1,841,344	1,383,257	865,635	501,500	29,030	5,150,129

Web-Based Labor Compliance Program

All SFPUC construction projects including those covered by the WSIPLA utilize the City's web-based labor compliance program (Elation Systems, Inc.) which allows contractors to submit their weekly certified payroll reports electronically over the internet. Elation Systems' electronic certified payrolls are used to produce the employment data included in this report.

Governance

The parties to the WSIPLA have established a four person Joint Administrative Committee that reviews the implementation of the agreement and the progress of the covered projects, and resolves problems and grievances that arise in connection with the agreement. The SFPUC administers the agreement under the direction of the Joint Administrative Committee.

The JAC also established the Job Training Opportunities Program (JTOP) to promote the employment and training of SFPUC territory residents on WSIP projects.

Pre-Job Conferences and Jurisdictional Disputes

Prior to the commencement of construction, representatives of the participating contractors and subcontractors, the Unions, and the SFPUC, are expected to attend a pre-job conference held at the offices of the SFPUC or the offices of the local Building and Construction Trades Council. At the pre-job conference each contractor and subcontractor describes the scope of their work and assigns the work on the basis of traditional craft jurisdictional lines. When conflicting claims for work are submitted to a contractor the WSIPLA's Jurisdictional Dispute Resolution procedure is invoked to prevent delay or disruption in the work due to jurisdictional disputes. To date, all jurisdictional disputes have been resolved without delay or disruption in the work

Legislative History of the WSIPLA

On April 8, 2003, the San Francisco Board of Supervisors adopted Resolution 223-03 urging the SFPUC to develop plans for a Project Labor Agreement covering the capital improvement program to rehabilitate, repair, and upgrade the Hetch Hetchy Water System. On May 20, 2003 the Francisco Board of Supervisors adopted Resolution 350-03

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urging the SFPUC to include social justice components in the Project Labor Agreement 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 PUC 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 WSIPLA.

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. 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, called the Water System Improvement Program Project Labor Agreement (the WSIPLA). The WSIPLA 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 WSIPLA 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 WSIPLA was on contract WD-2504, the 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.

Note Regarding the Bay Area Labor Market

The United States Bureau of Labor Statistics (the BLS) publishes a Quarterly Census of Employment and Wages (the QCEW) which includes an estimate of the number of individuals employed in the construction industry in each County in California in the pay period that includes the twelfth day of the calendar month. The following chart compares the QCEW employee estimate to the number of construction workers reported in the Relations Certified Payroll System as employed on WSIPLA covered projects in the

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counties of Alameda, San Francisco, and San Mateo during the weekly pay period that includes the twelfth day of the month. The QCEW estimates all workers in the Construction Industry, including Engineers, Architects, Administrative Workers and others, so the comparison with WSIPLA-covered craft workers will understate the impact of the WSIPLA on the local construction workforce.

