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WATER SYSTEM **IMPROVEMENT** PROGRAM

# **Water System Improvement Program Project Labor Agreement**

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

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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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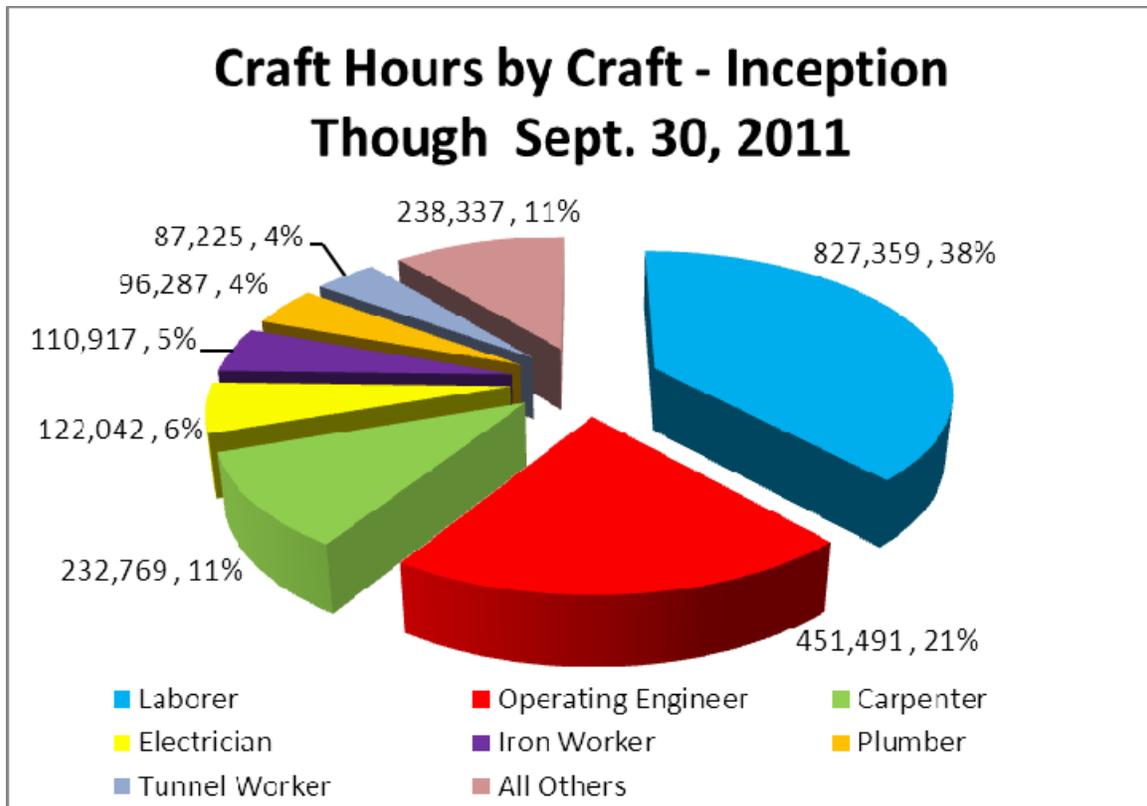
**Summary of Craft Worker Employment**

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
<b>All Workers</b>								
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
<b>SF Residents</b>								
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
<b>Svc. Territory Res.</b>								
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
<b>Outside Residents</b>								
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			
<b><u>Prime Contractors</u></b>	<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%
<b><u>Sub Contractors</u></b>			
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%

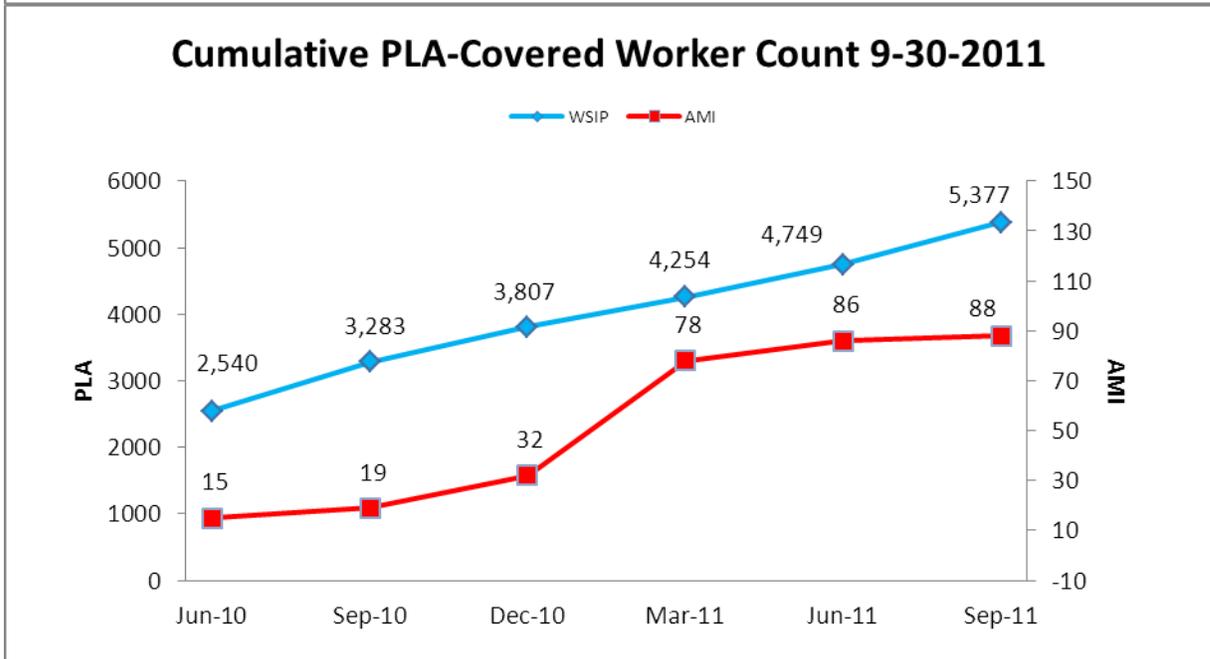
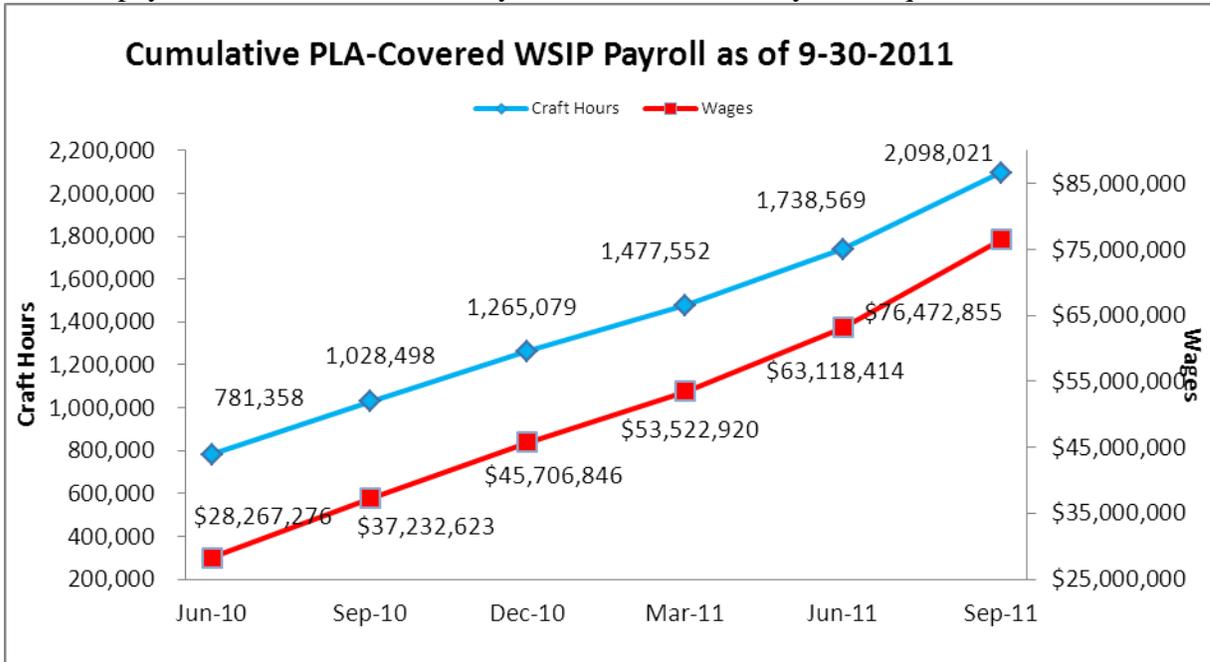
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San Francisco Public Utilities Commission Construction Contracts Awarded Subject to the WSIPLA through Sept. 30, 2011				
<u>Contract No.</u>	<u>Prime Contractor</u>	<u>Project</u>	<u>Engineer's Estimate</u>	<u>Award</u>
WD-2504	S.J. Amoroso Construction 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>

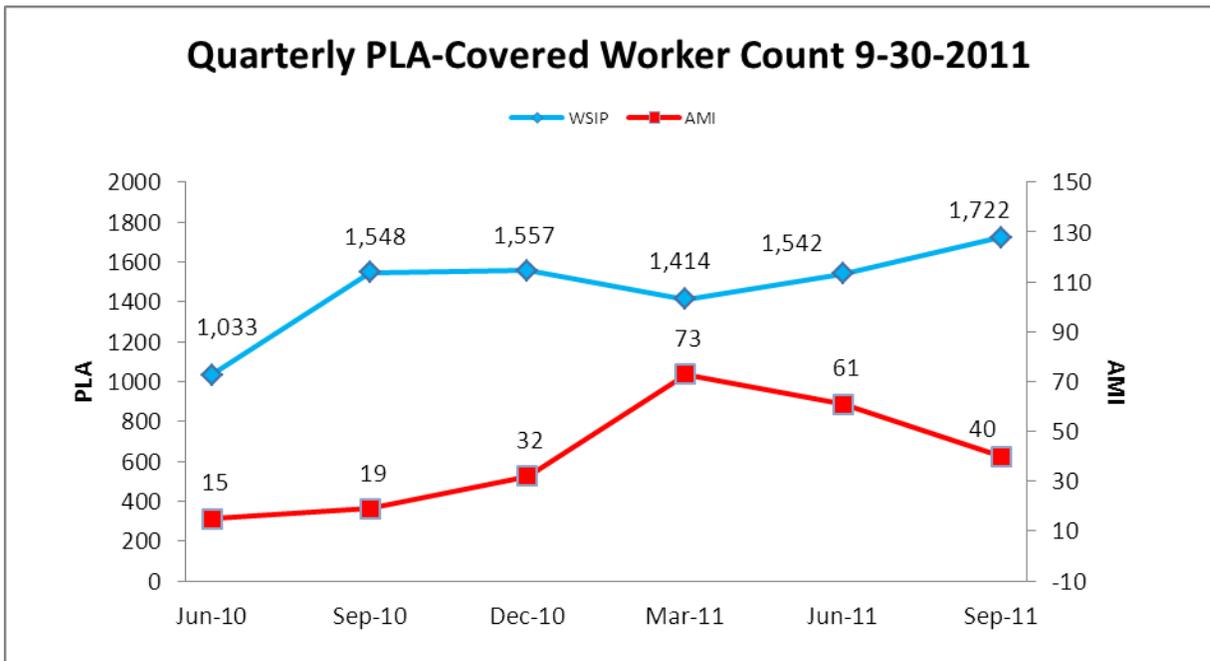
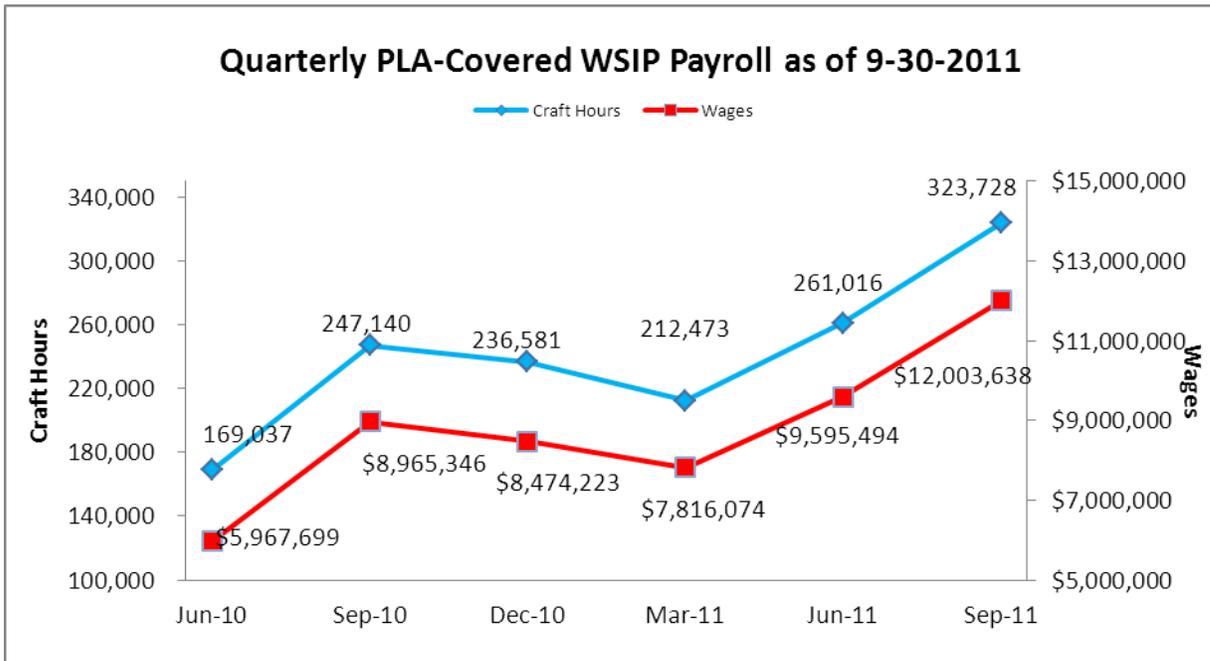
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**Craft Worker Employment on the WSIPLA**

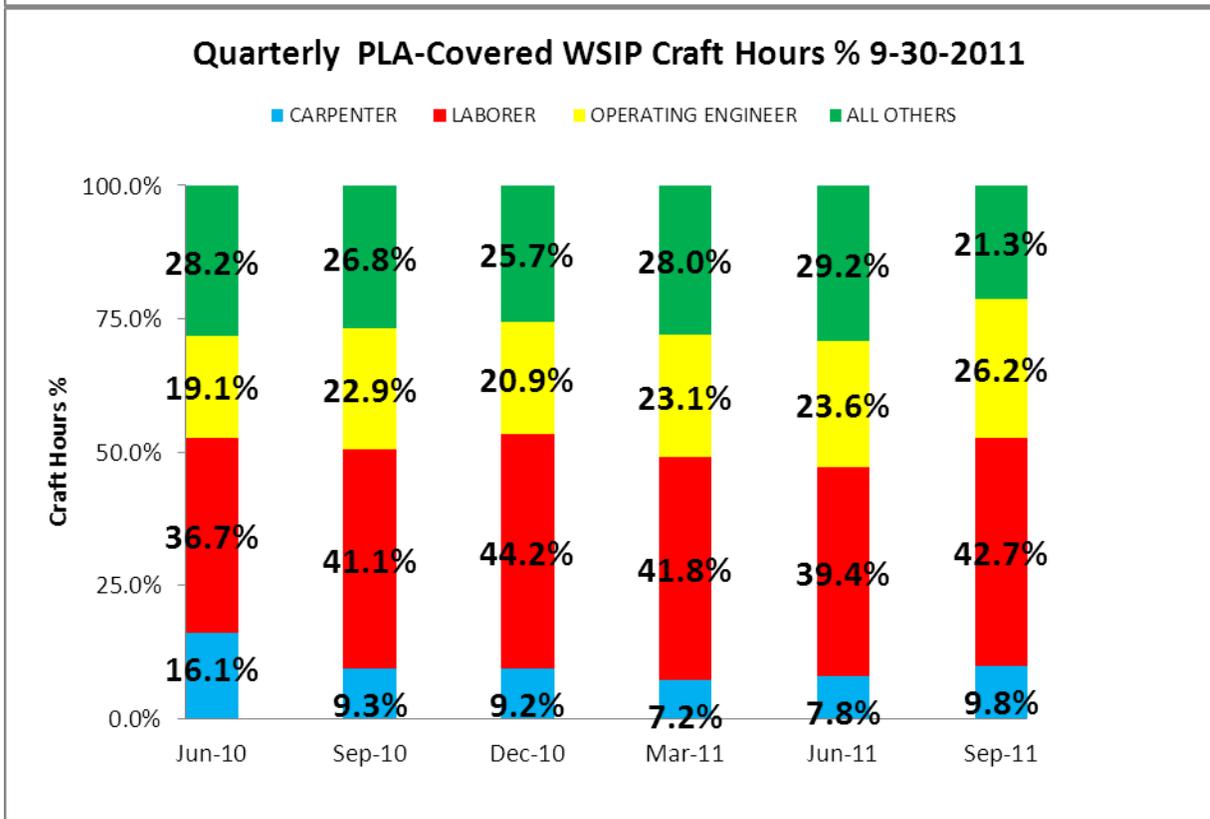
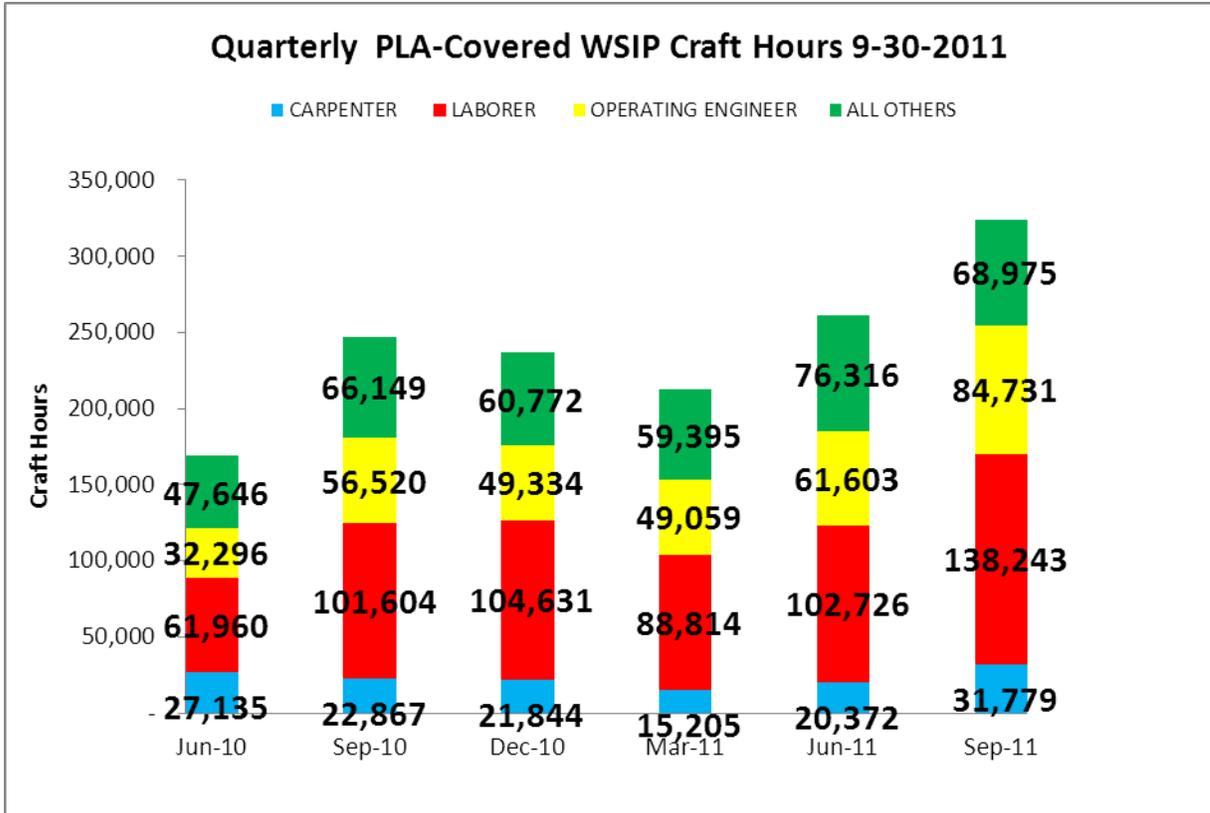
The following charts summarize craft worker employment under the WSIPLA for the last six quarters. The first and second tables are cumulative balances at the end of each quarter, and the third and fourth tables represent employment during each quarter. The fifth and sixth tables represent quarterly participation 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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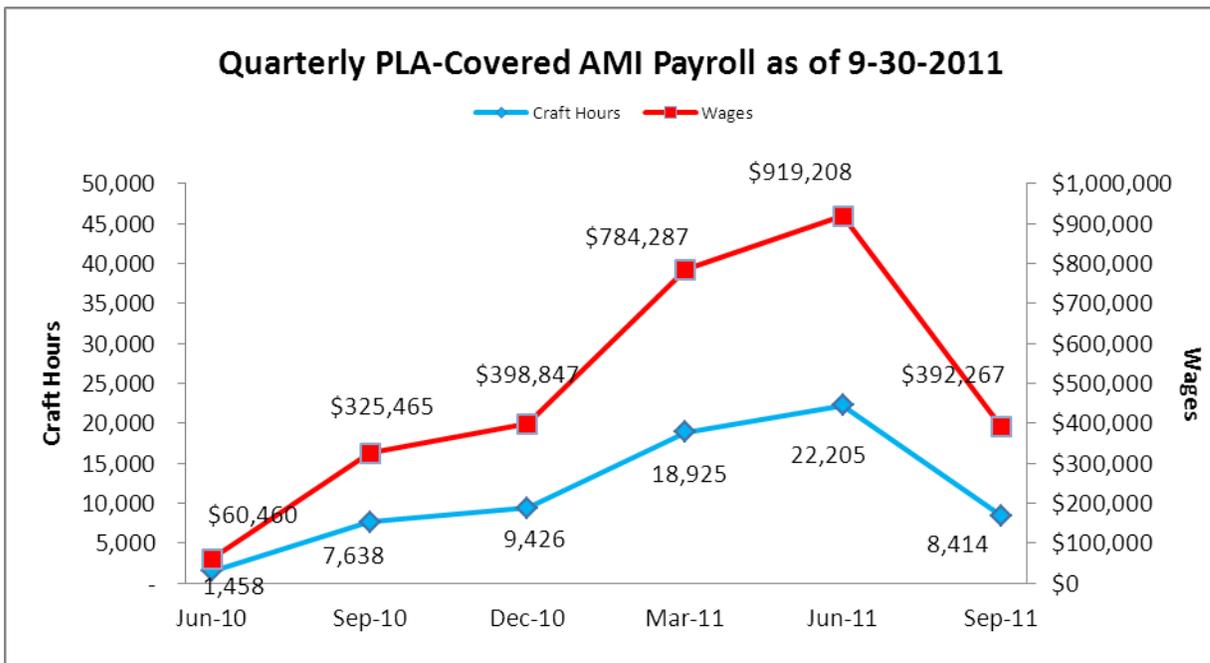
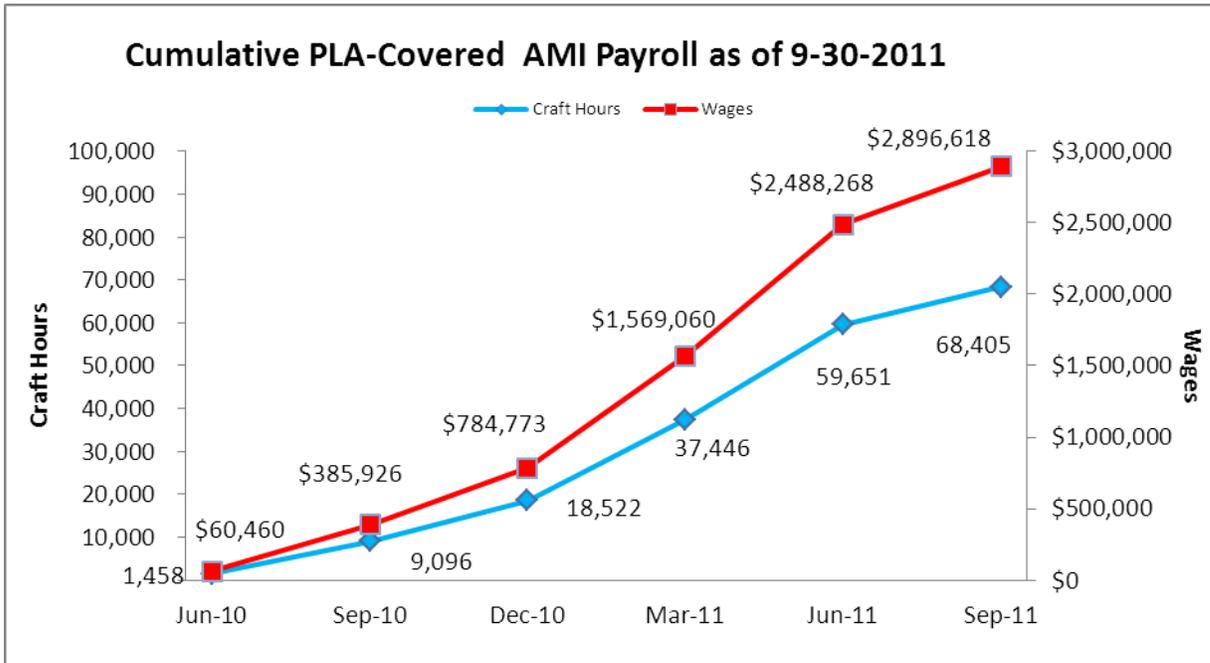


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Work commenced on contract CS-936 Advanced Meter Infrastructure during the Quarter ended June 30, 2010 to replace all water meters in San Francisco. This work is covered by the WSIPLA, funding is provided by the SFPUC operating budget, and has been 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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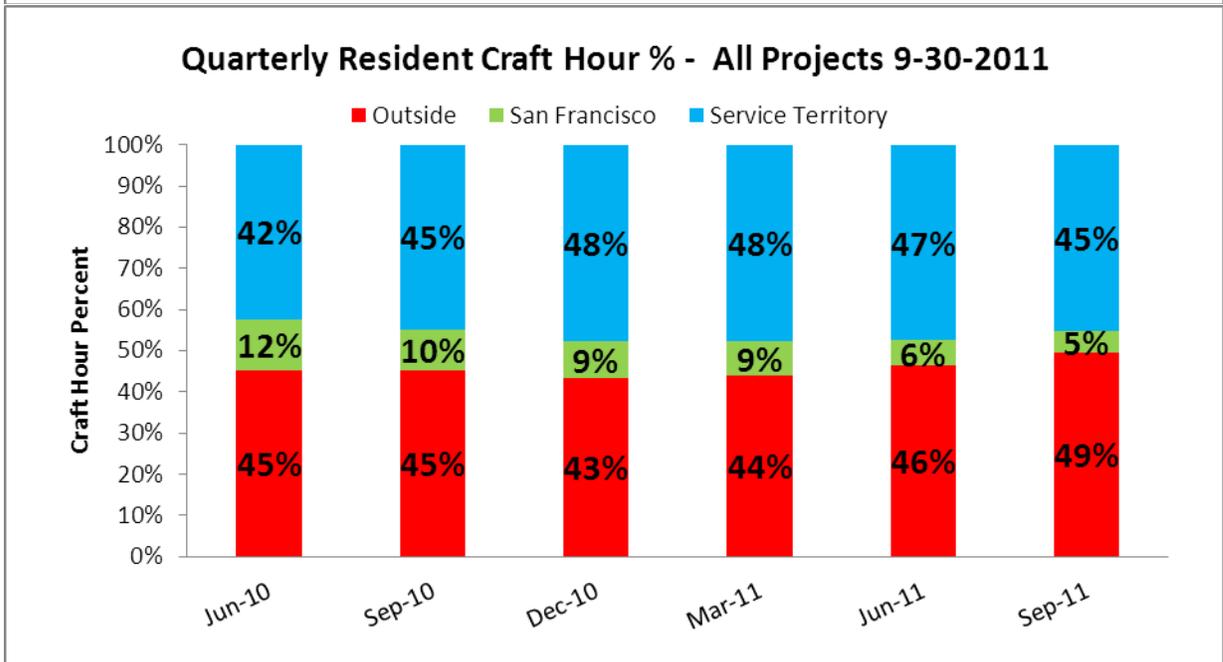
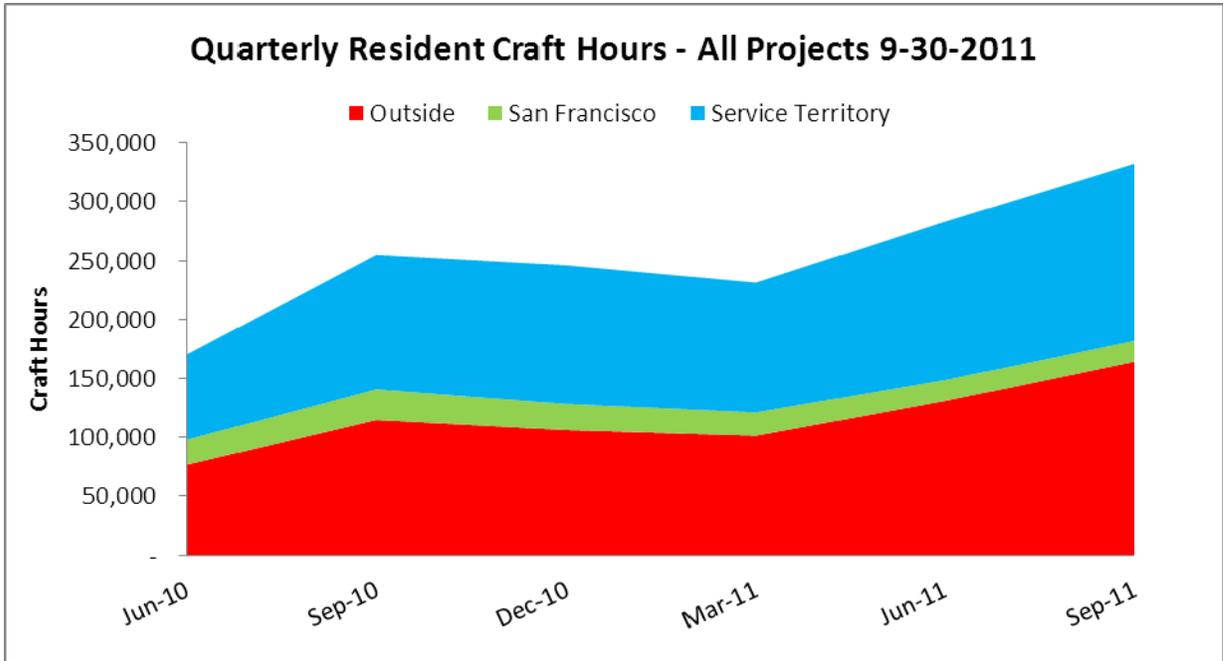
San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Craft Employment Summary for the Quarter Ended Sept. 30, 2011 Employment Summary - Cumulative and Last Six Quarters							
	Cumulative thru Sept., 2011	QE 6-30-10	QE 9-30-10	QE 12-31-10	QE 3-31-11	QE 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  
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**Worker Residence on the WSIPLA**

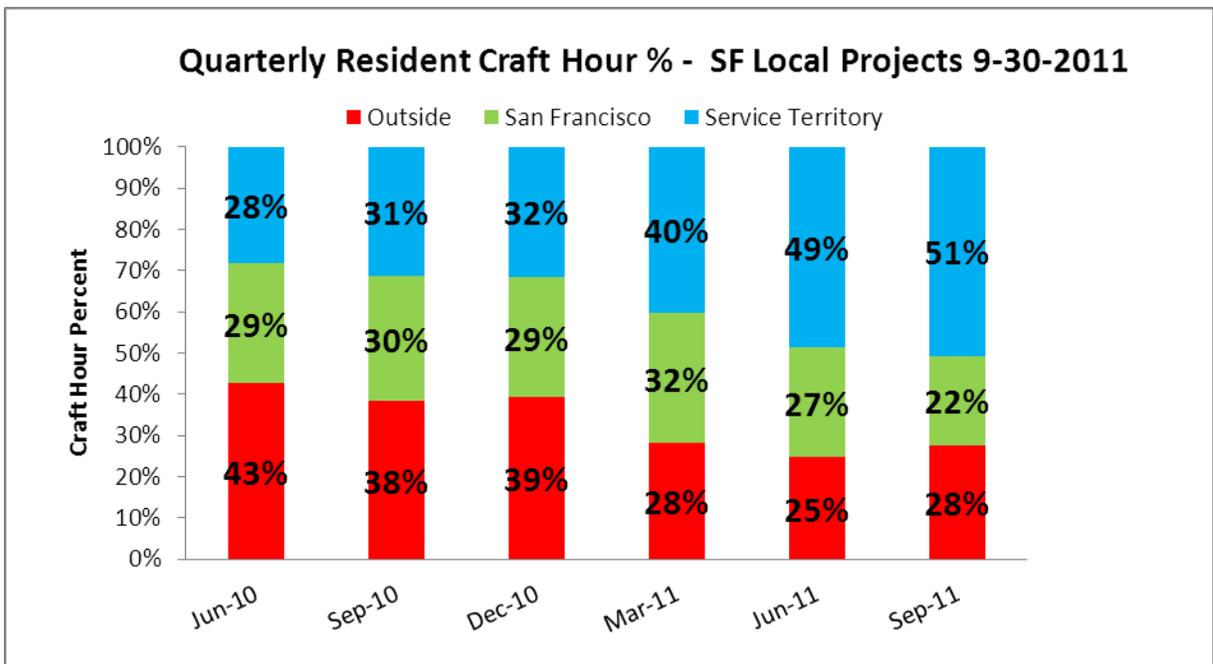
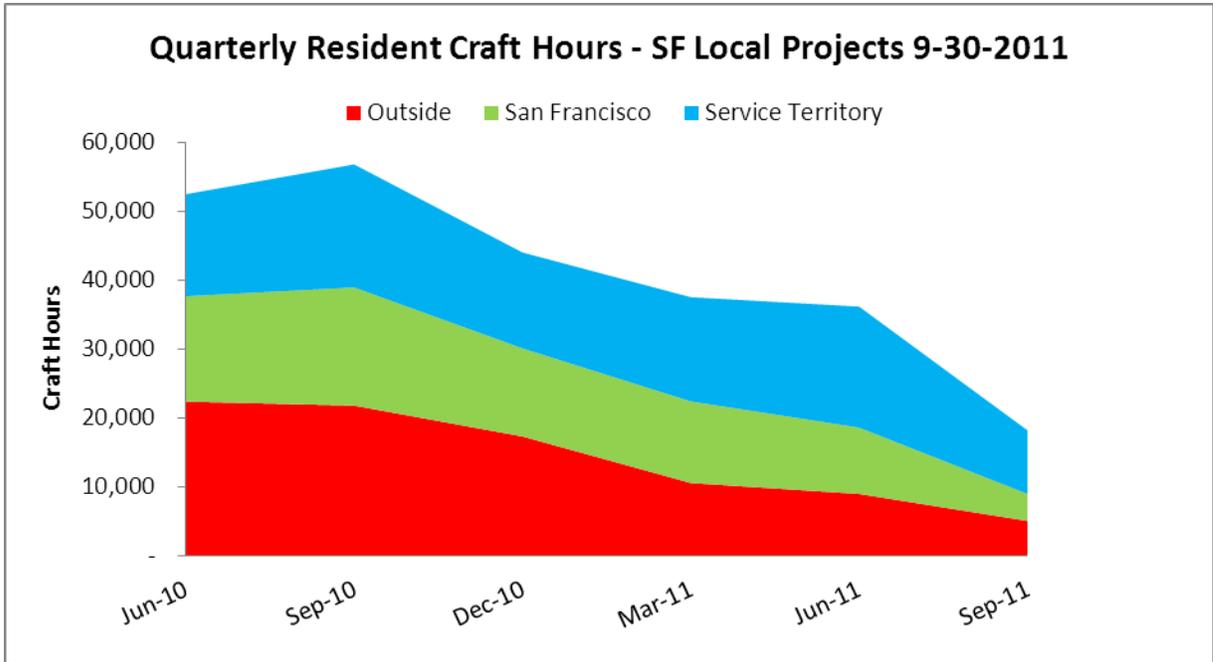
The following charts and tables summarize PLA-Covered craft hours recorded in the Elations Certified Payroll System through Sept. 30, 2011. The Service Territory is defined as zip codes outside San Francisco within which the SFPUC wholesale water customers deliver water, plus zip codes impacted by WSIP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

All WSIPLA- Covered Projects



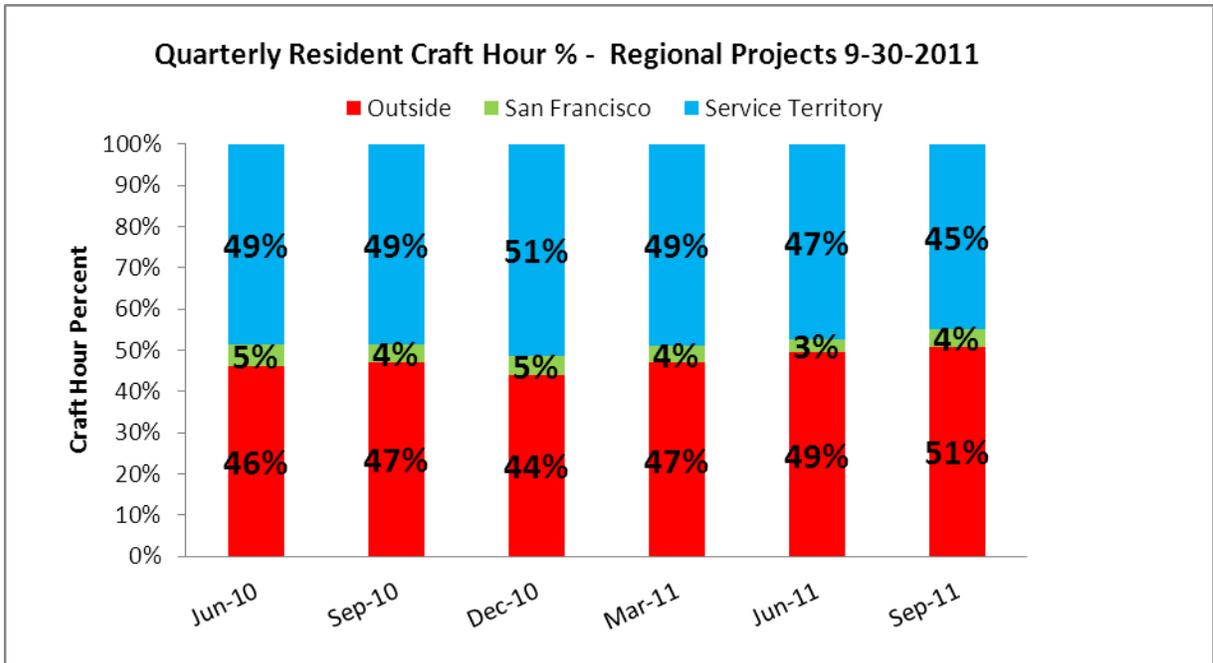
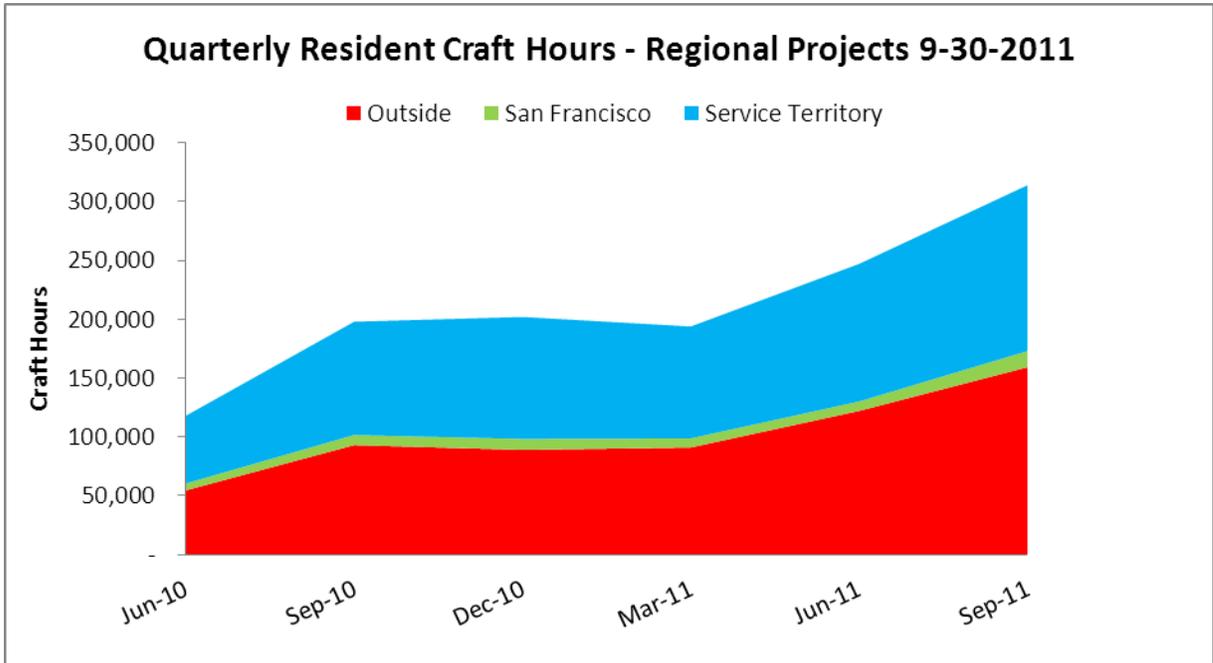
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SF Local WSIP Projects:



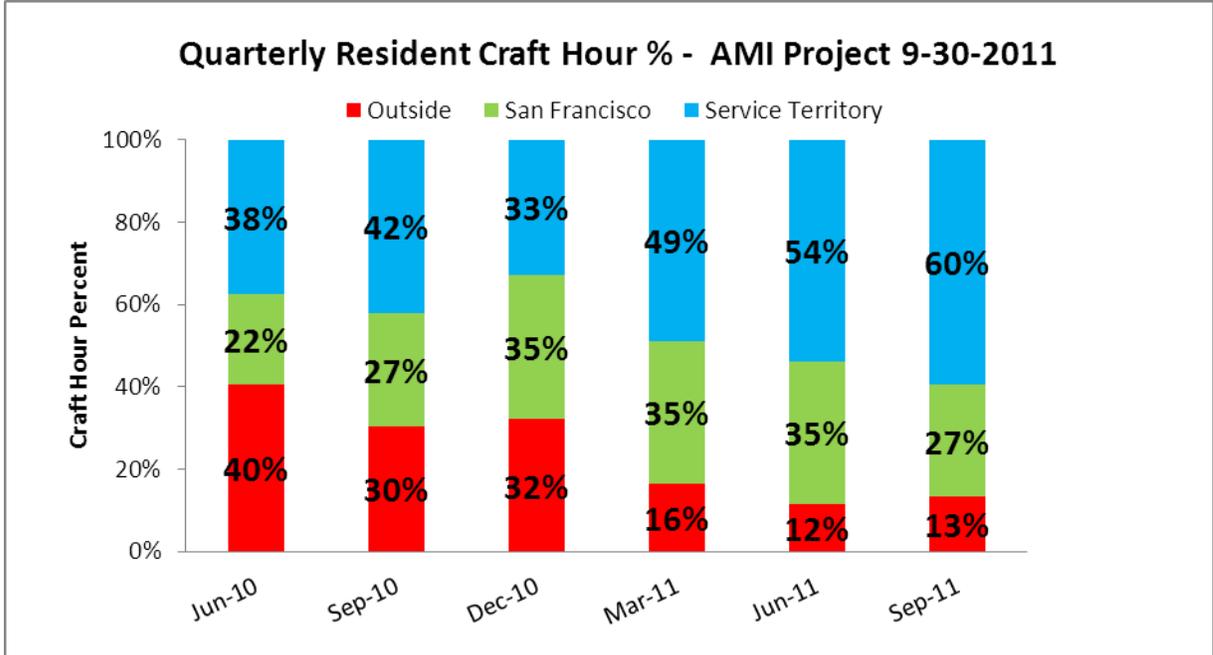
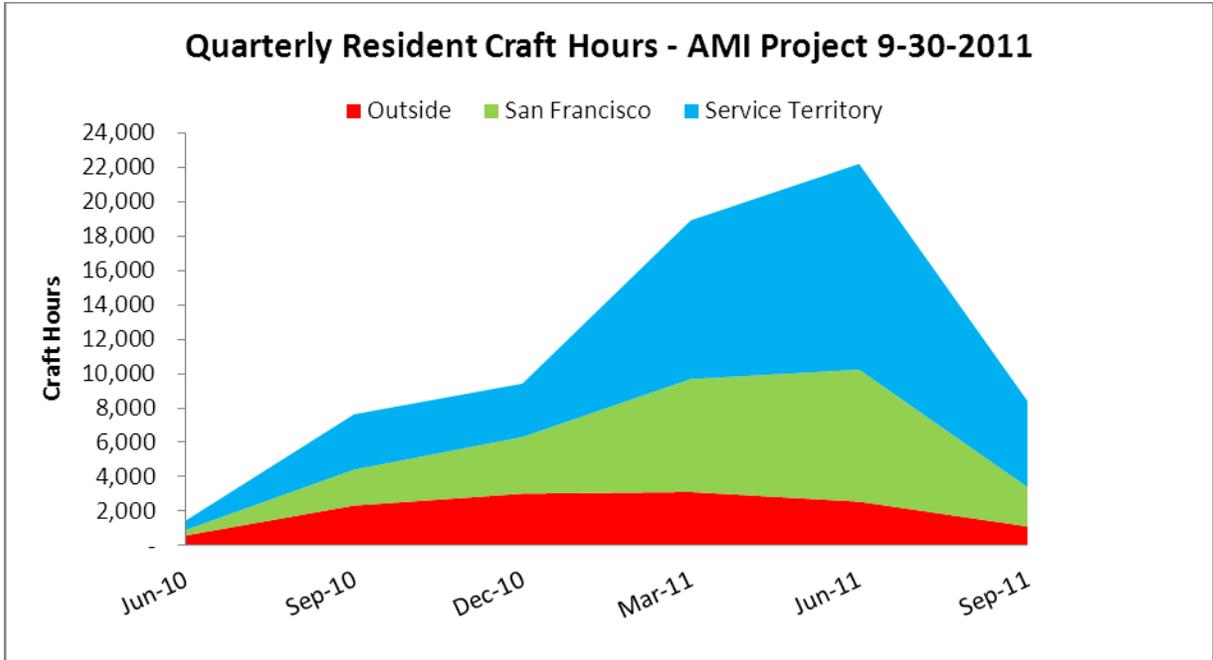
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Regional WSIP Projects:



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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%

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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%
Aleman 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%
<b>Total WSIPLA</b>	<b>2,166,426</b>	<b>209,348</b>	<b>948,507</b>	<b>1,008,571</b>	<b>9.7%</b>	<b>43.8%</b>

Craft Worker Residence by County – All WSIPLA Covered Projects

San Francisco Public Utilities Commission  
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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
<b>Total WSIPLA</b>	<b>68,405</b>	<b>2,098,021</b>	<b>2,166,426</b>	<b>\$79,369,473</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>1,042</b>

San Francisco Public Utilities Commission  
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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

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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.

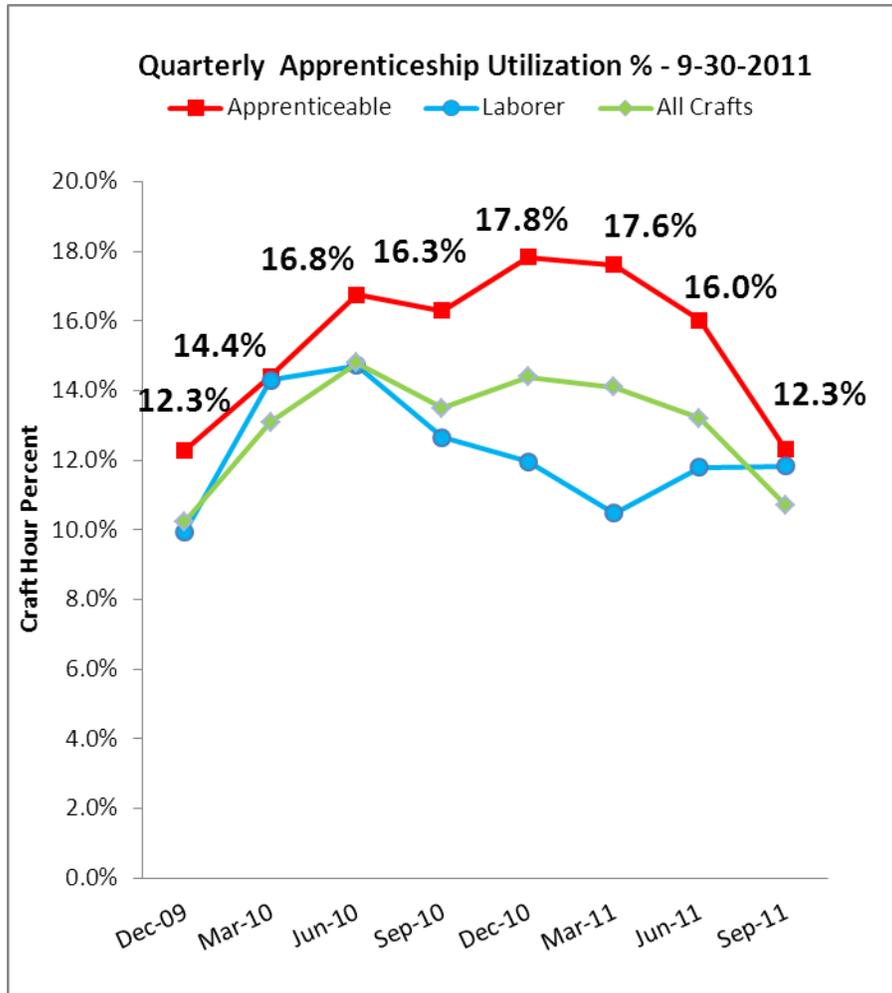
San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Craft Employment Summary for the Quarter Ended Sept. 30, 2011 Apprentice Utilization on the WSIPLA - By Craft								
Craft/Program	Total Hours	Apprentice Hours	Apprentice Hours			Apprentice Utilization		
			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%
Aleman 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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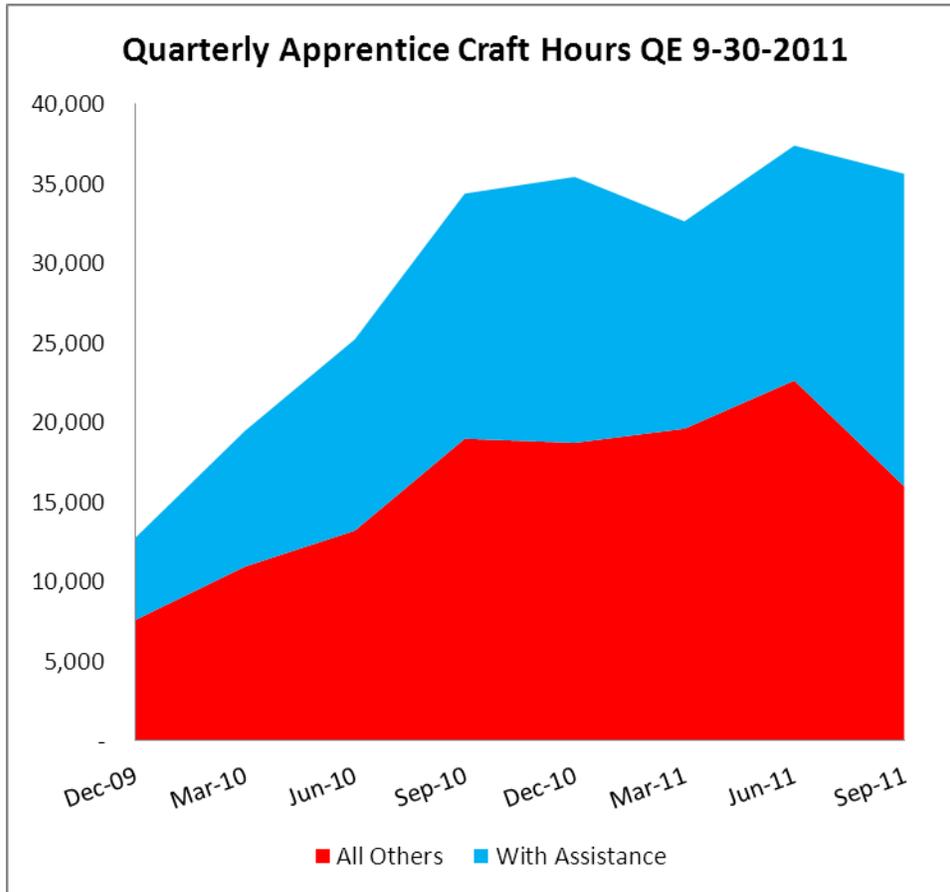
San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Assisted Employment of Apprentices by Project WSIPLA Inception through Sept. 30, 2011						
Project	Project Total		Assisted Total		% Assisted	
	Hours	Wages	Hours	Wages	Hours	Wages
Alameda Siphon 4	18,543	\$ 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%

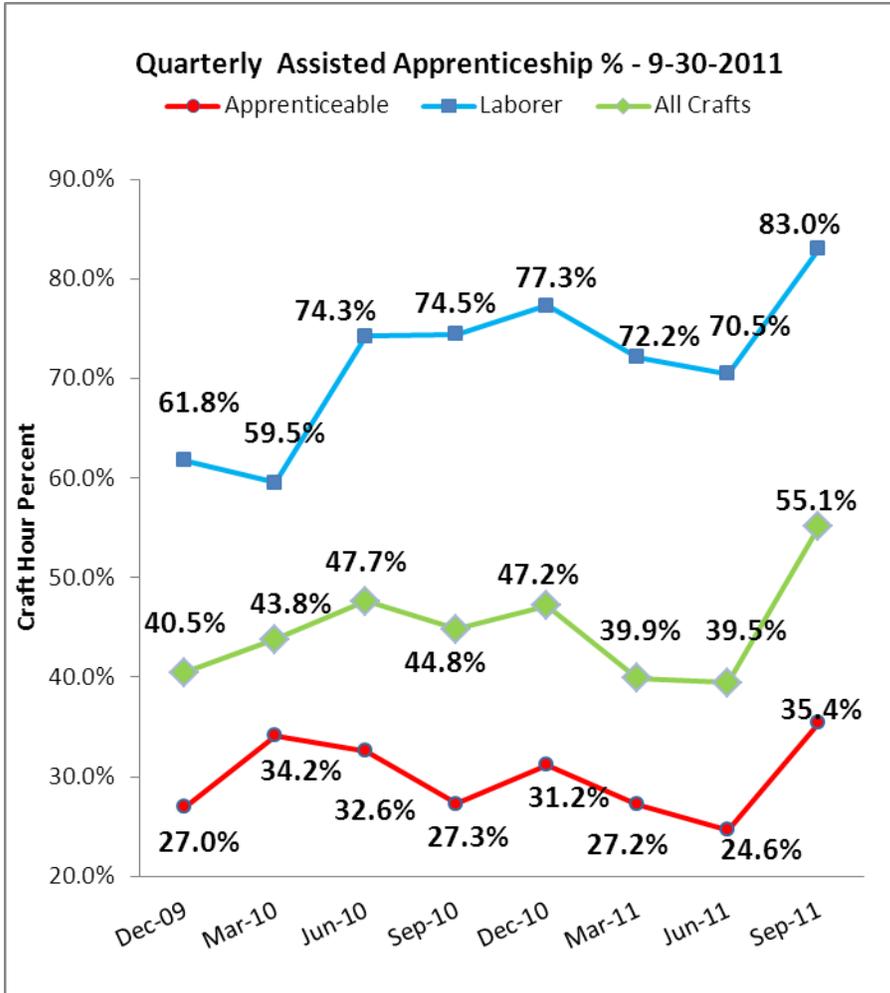
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The chart below indicates total Apprentice Hours with and without assistance for the eight quarters ended Sept. 30, 2011.



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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 ...”

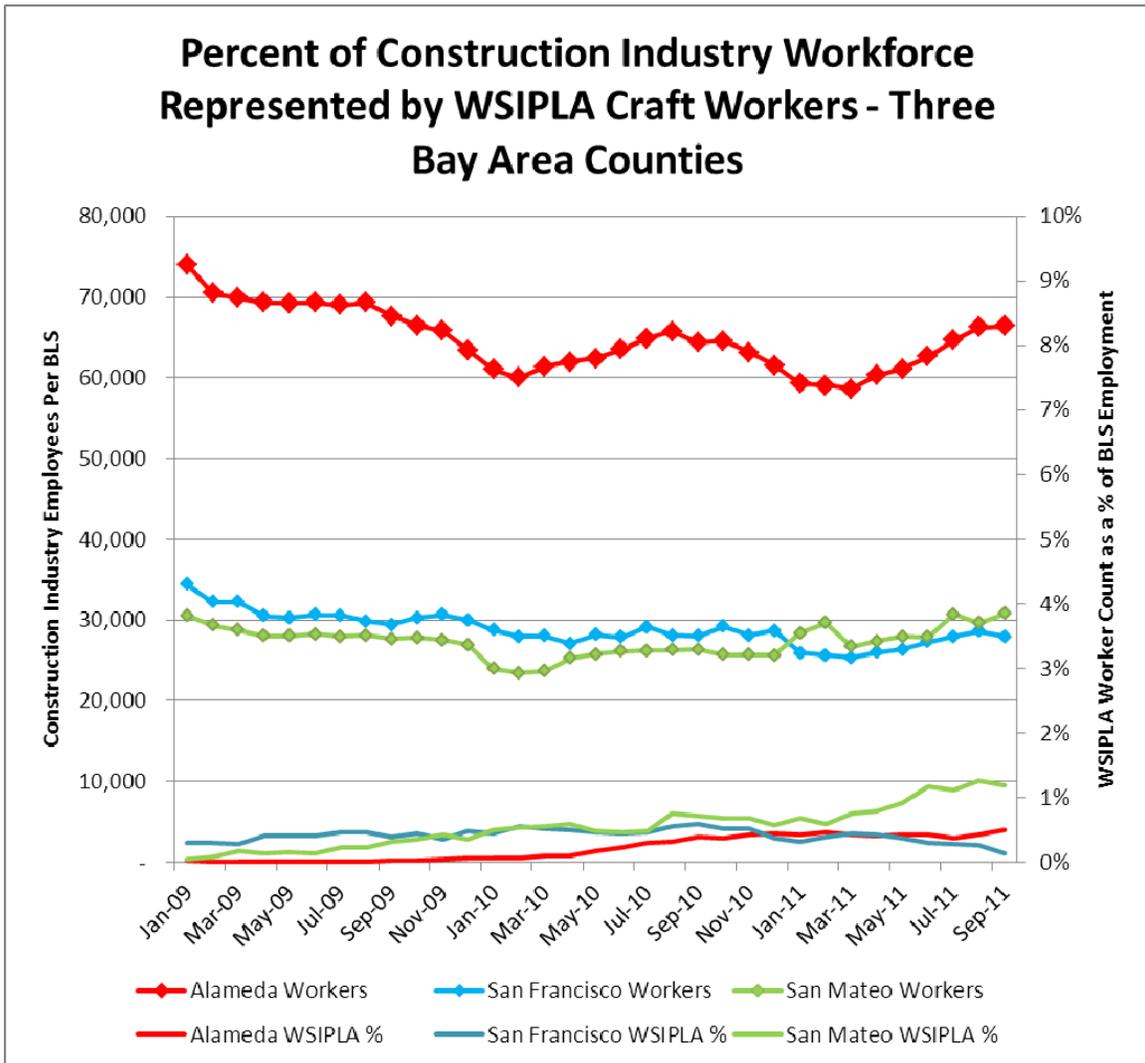
On March 26, 2007, the SFPUC approved the negotiated agreement, called the Water System Improvement Program Project Labor Agreement (the WSIPLA). The WSIPLA requires construction contractors to utilize workers dispatched by signatory unions, and prohibits the unions and contractors from participating 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.





HETCH HETCHY

WATER SYSTEM **IMPROVEMENT** PROGRAM

# **Water System Improvement Program Project Labor Agreement**

**Quarterly Report  
Quarter Ended December 31,  
2011  
(Second 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 provide employment for construction workers employed by union-signatory and non-union construction contractors. Thirty-seven WSIP contracts awarded subject to the WSIPLA in the amount of \$1.744 Billion through December 31, 2011 represent 78.1% of the total estimated construction contracts projected to be awarded subject to the WSIPLA.

Construction Activity Highlights – Program-to-Date

Contracting:

- Thirty-seven construction contracts with a value of \$1.743 Billion have been awarded subject to the WSIPLA.
- The total of the range of the advertised construction cost estimates for the thirty-seven contracts awarded subject to the WSIPLA was \$1.986 Billion at the low end to \$2.232 Billion at the high end. The \$1.743 Billion awarded is 87.8% of the low end of the engineer's estimate.
- 9.3% of the \$1.743 Billion awarded or \$162.7 Million was awarded to Certified LBE Contractors. Each award met or exceeded the LBE subcontracting goal established by the San Francisco Human Rights Commission.
- Five Certified LBE Prime Contractors were awarded \$32.1 Million, representing 2.2% of the \$1.451 Billion awarded to Prime Contractors.
- 110 LBE-Certified Sub-Contractors were awarded \$130.5 Million representing 44.6% of the \$293.0 Million awarded to Sub-Contractors.
- 76 San Francisco Certified LBE sub-contractors were awarded \$55.7 Million representing 19.0% of the \$293.0 Million awarded to Sub-Contractors.
- 34 SFPUC-Certified Regional Sub-Contractors were awarded \$74.8 Million representing 25.5% of the \$293.0 Million awarded to Sub-Contractors.

Employment:

- Since inception of the WSIPLA 5,910 construction workers were employed for 2,473,281 hours on PLA-Covered WSIP projects, and earned wages of \$90,921,200.

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- 522 San Francisco residents worked 203,996 hours on WSIPLA-Covered WSIP Projects and earned \$7,417,867, representing or 8.3% of covered hours and 98 full-time equivalent worker years.
- 2,540 residents of the Water Service Territory worked 1,077,679 on WSIPLA-Covered WSIP Projects and earned wages of \$39,031,054, representing 43.6% of covered hours and 518 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.
- 6,774 pre-employment substance abuse tests have been administered to employees cleared to work on WSIPLA-covered projects as of Dec.31, 2011, and 94 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 Dec. 31, 2011

Contracting:

Four construction contracts were awarded subject to the WSIPLA during the Quarter Ended Dec. 31, 2011

<u>General Contractor</u>	<u>Project</u>	<u>Engineer's Estimate</u>	<u>Award</u>
Gordon N. Ball, Inc	Bioregional Habitat Restoration, San Antonio Creek	\$13 Million	\$ 12,947,400
Azul Works, Inc.	Tesla Portal Protection	\$2.4 Million	2,760,000
Road Runner Drilling	Regional Groundwater Storage and Recovery	\$3.6 to \$4.2 Million	2,998,685
Steve P. Rados	Cordilleras Micro Tunnel	\$5.8 Million	5,251,100
			<u>\$23,957,185</u>

Employment:

- During the Quarter ended Dec. 31, 2011 1,695 construction workers were employed for 386,431 hours on PLA-Covered WSIP projects, and earned wages of \$14,760,306.
- During the Quarter ended Dec. 31, 2011 78 San Francisco residents worked 16,437 hours on PLA-Covered WSIP projects and earned wages of \$640,780.
- During the Quarter ended Dec. 31, 2011 747 residents of the Water Service Territory worked 170,979 hours on PLA-Covered WSIP projects and earned wages of \$6,285,962. 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 Dec. 31, 2011 750 negative pre-employment substance abuse tests were administered under the provisions of the WSIPLA Substance Abuse Policy and 6 individuals were prevented from working as the result of positive tests.

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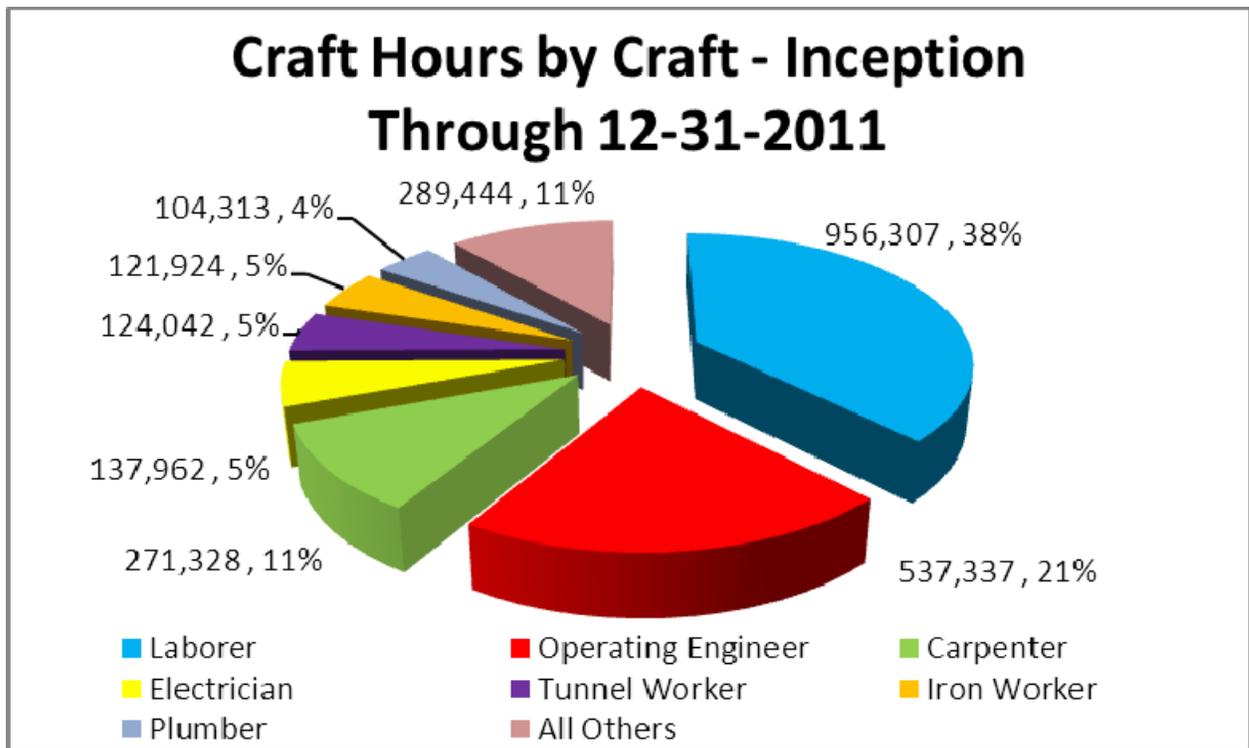
**Summary of Craft Worker Employment**

The following table and chart summarize craft worker employment recorded in the Relations 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 Dec. 31, 2011 Employment Summary by Worker Residence and PLA Coverage								
Residence/ Project Type	Inception thru Dec. 31, 2011				Three Months Ended Dec. 31, 2011			
	Worker Count	FTE	Sum of Hours	Sum of Wages	Worker Count	FTE	Sum of Hours	Sum of Wages
<b>All Workers</b>								
Advanced Meter Inf.	88	33	69,376	\$ 2,942,918	5	1	1,312	\$ 62,384
WSIP with PLA	5,910	1,189	2,473,281	90,921,200	1,695	186	386,431	14,760,306
WSIP without PLA	751	137	285,631	9,084,018	42	1	3,091	110,144
<b>Total</b>	<b>6,749</b>	<b>1,360</b>	<b>2,828,287</b>	<b>\$ 102,948,137</b>	<b>1,742</b>	<b>188</b>	<b>390,834</b>	<b>\$ 14,932,834</b>
<b>SF Residents</b>								
Advanced Meter Inf.	35	11	22,667	\$ 967,844	2	0	412	\$ 21,473
WSIP with PLA	522	98	203,996	7,417,867	78	8	16,437	640,780
WSIP without PLA	88	12	25,740	775,853	7	0	267	13,646
<b>Total</b>	<b>645</b>	<b>121</b>	<b>252,403</b>	<b>\$ 9,161,564</b>	<b>87</b>	<b>8</b>	<b>17,115</b>	<b>\$ 675,899</b>
<b>Svc. Territory Res.</b>								
Advanced Meter Inf.	39	16	33,983	\$ 1,389,269	3	0	900	\$ 40,911
WSIP with PLA	2,540	518	1,077,679	39,031,054	747	82	170,979	6,285,962
WSIP without PLA	281	37	77,687	2,477,794	9	0	614	22,854
<b>Total</b>	<b>2,860</b>	<b>572</b>	<b>1,189,350</b>	<b>\$ 42,898,118</b>	<b>759</b>	<b>83</b>	<b>172,493</b>	<b>\$ 6,349,727</b>
<b>Outside Residents</b>								
Advanced Meter Inf.	16	6	12,726	\$ 585,805	-	-	-	-
WSIP with PLA	2,977	573	1,191,605	44,472,279	905	96	199,016	7,833,564
WSIP without PLA	389	88	182,203	5,830,371	26	1	2,210	73,643
<b>Total</b>	<b>3,382</b>	<b>667</b>	<b>1,386,535</b>	<b>\$ 50,888,455</b>	<b>931</b>	<b>97</b>	<b>201,226</b>	<b>\$ 7,907,207</b>

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The following chart summarizes WSIPLA – Covered craft employment, including the WSIP and Advanced Meter Infrastructure Project, for crafts with at least 100,000 craft hours as of December 31, 2011. Carpenters, Laborers, and Operating Engineers combined represent 71.4% of total craft hours.



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**Summary of Contracts Awarded**

As of its last meeting in the Quarter ended December 31, 2011, the SFPUC had awarded thirty-seven WSIP construction contracts in the amount of \$1.743 Billion subject to the WSIPLA. The total of the ranges of the advertised engineer's estimates for these contracts was \$1.986 Billion at the low end to \$2.232 Billion at the high end. The \$1.743 Billion awarded is 87.8% 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 December 31, 2011			
<b>Prime Contractors</b>	<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	4	27,823,395	1.60%
Not Certified	20	1,418,599,641	81.35%
<b>Sub Contractors</b>			
PUC Certified	34	74,778,385	4.29%
San Francisco Certified	76	55,732,547	3.20%
Not Certified	104	162,470,275	9.32%
	239	\$ 1,743,724,979	100.00%

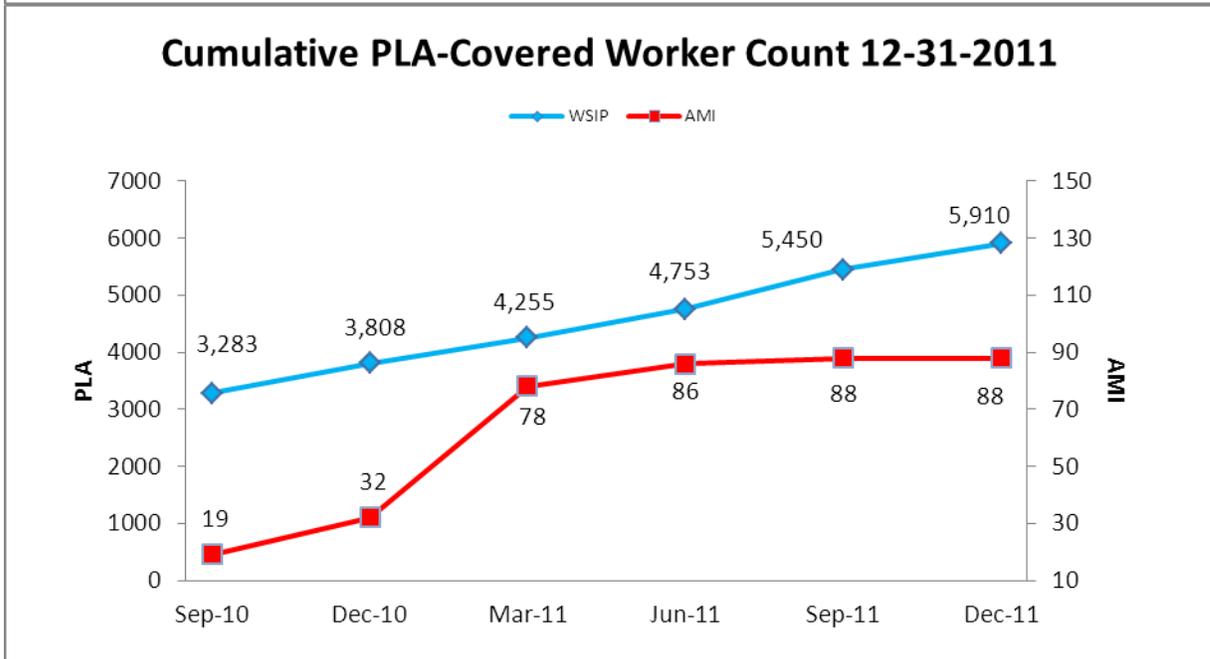
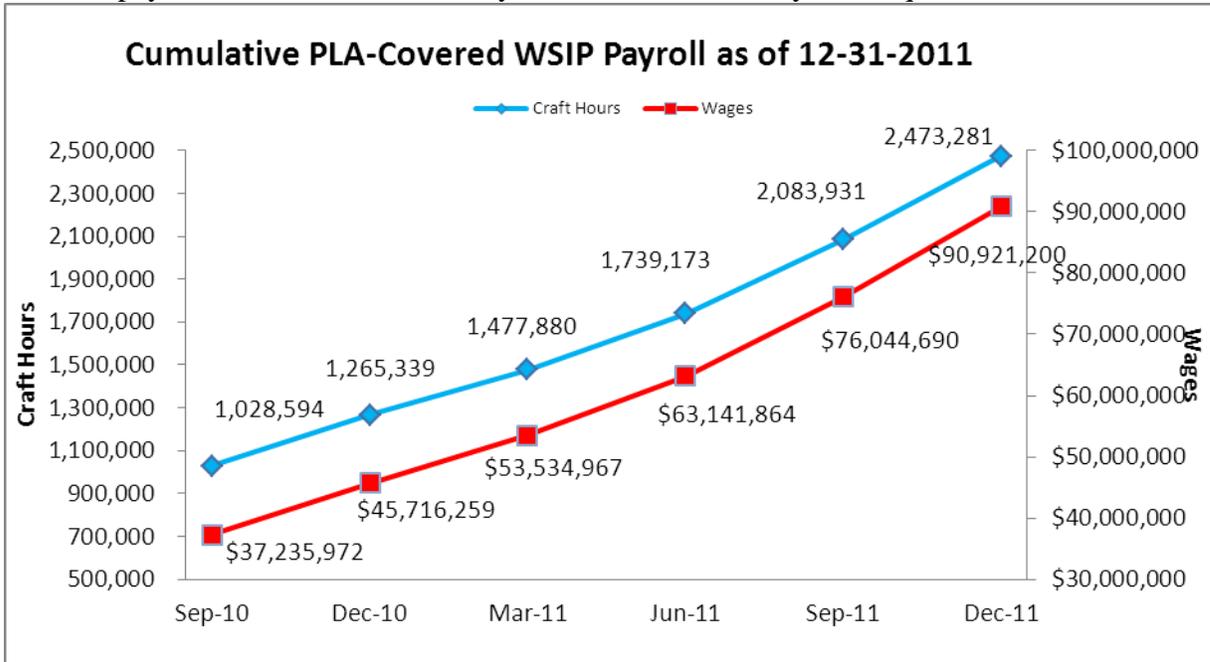
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San Francisco Public Utilities Commission Construction Contracts Awarded Subject to the WSIPLA through Dec. 31, 2011				
Contract No.	Prime Contractor	Project	Engineer's Estimate	Award
WD-2504	S.J. Amoroso Construction Co. Inc.	Stanford Heights Reservoir 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	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	New Crystal Springs Bypass Tunnel	\$55 to \$65 Million	55,674,000
WD-2529	KJ Woods	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	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 Construc	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/Coluc	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 Constructio	Sunol Valley Water Treatment Plant (SVWTP)	\$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 W	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 W	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 W	Harry Tracy Water Treatment Plant Long-Term Improv	\$220 to \$245 Million	174,197,000
WD-2551	Dragados/Flatiron/Suk	Calaveras Dam Replacement Project,	\$250 to \$300 Million	259,571,850
HH-935C	Contri Constmction,	San Joaquin Pipeline System - Eastern Segment	\$52 to \$57 Million	45,329,416
WD-2652	Gordon N. Ball, Inc	Bioregional Habitat Restoration, San Antonio Creek	\$13 Million	12,947,400
HH-953	Azul Works, Inc.	Tesla Portal Protection	\$2.4 Million	2,760,000
WD-2600	Road Runner Drilling a	Regional Groundwater Storage and Recovery	\$3.6 to \$4.2 Million	2,998,685
WD-2665	Steve P. Rados	Cordilleras Micro Tunnel	\$5.8 Million	5,251,100
Total Thirty-Seven Contracts				\$ 1,743,724,979

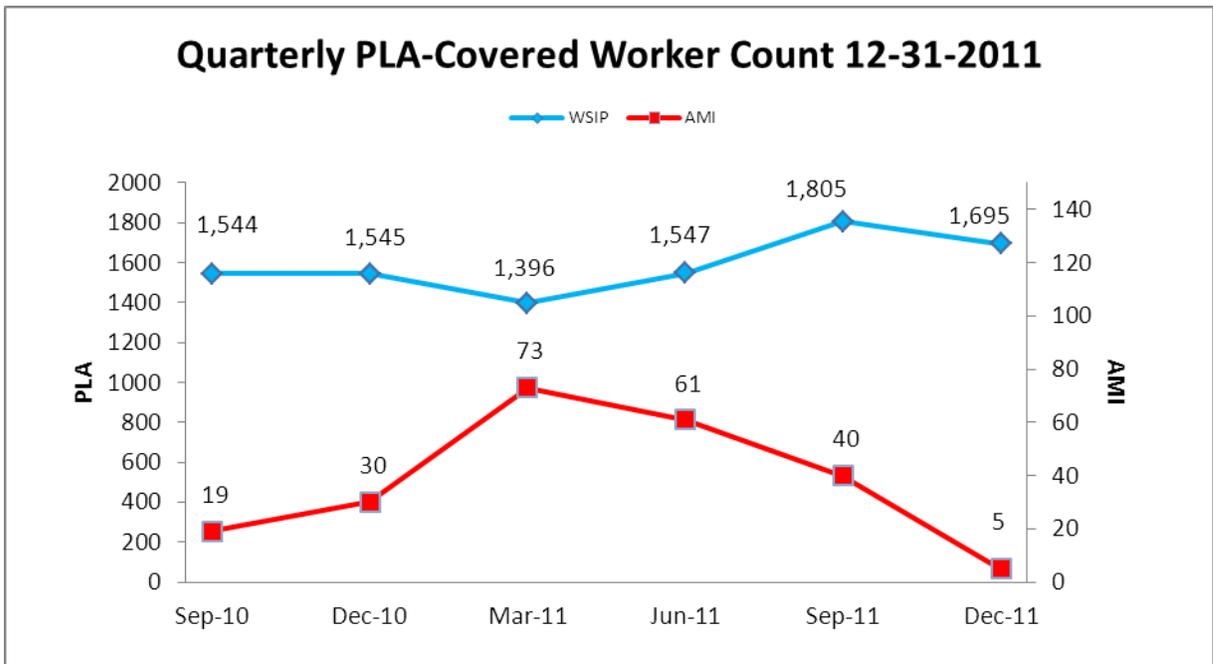
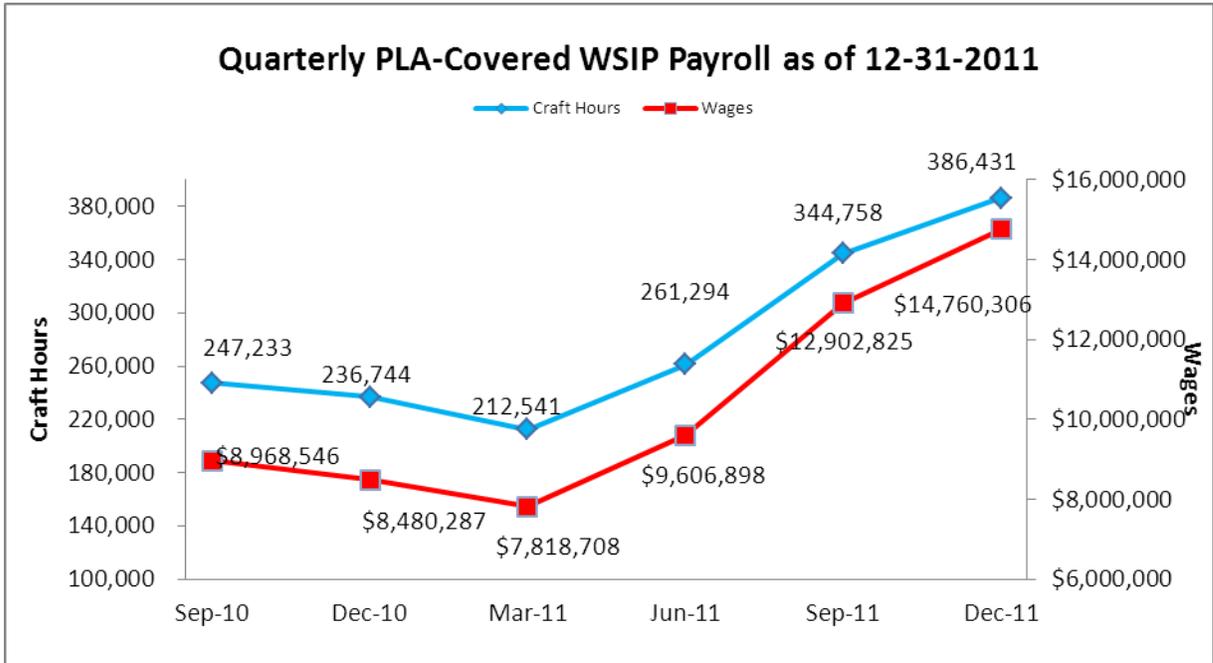
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**Craft Worker Employment on the WSIPLA**

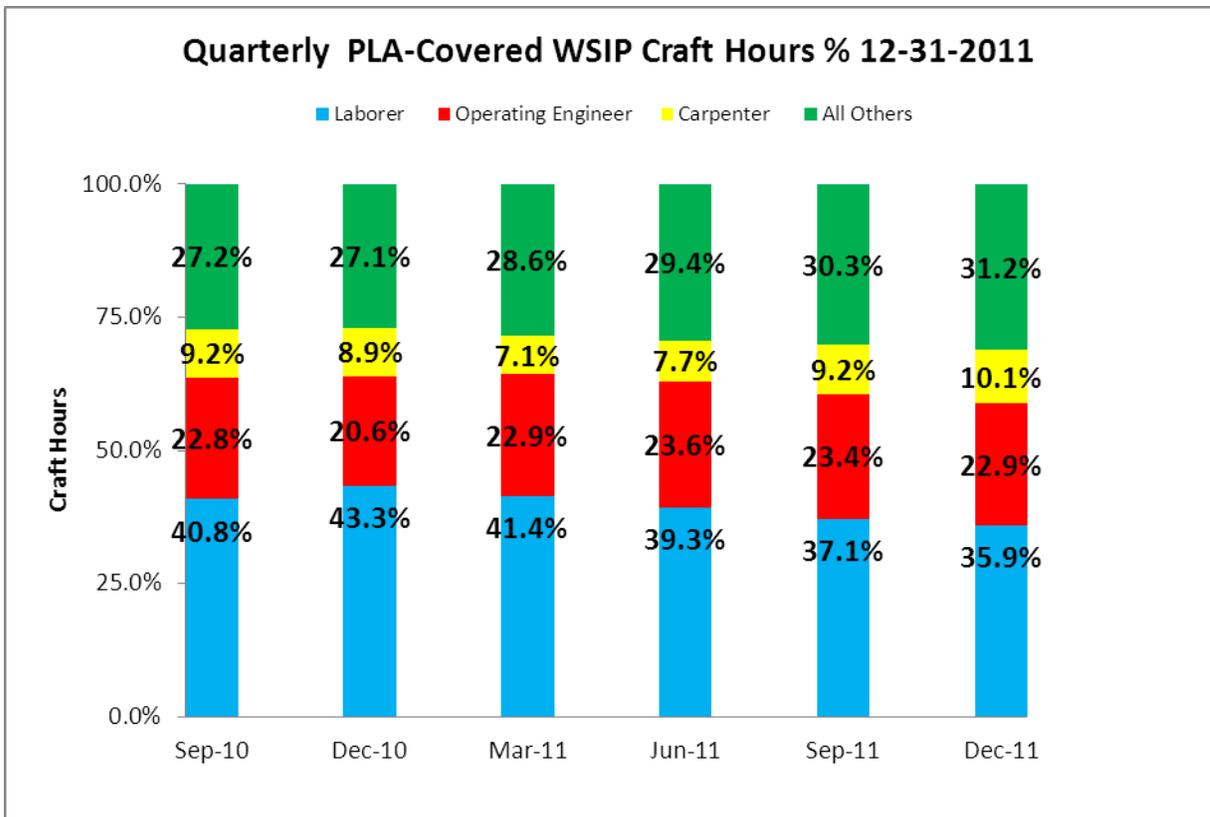
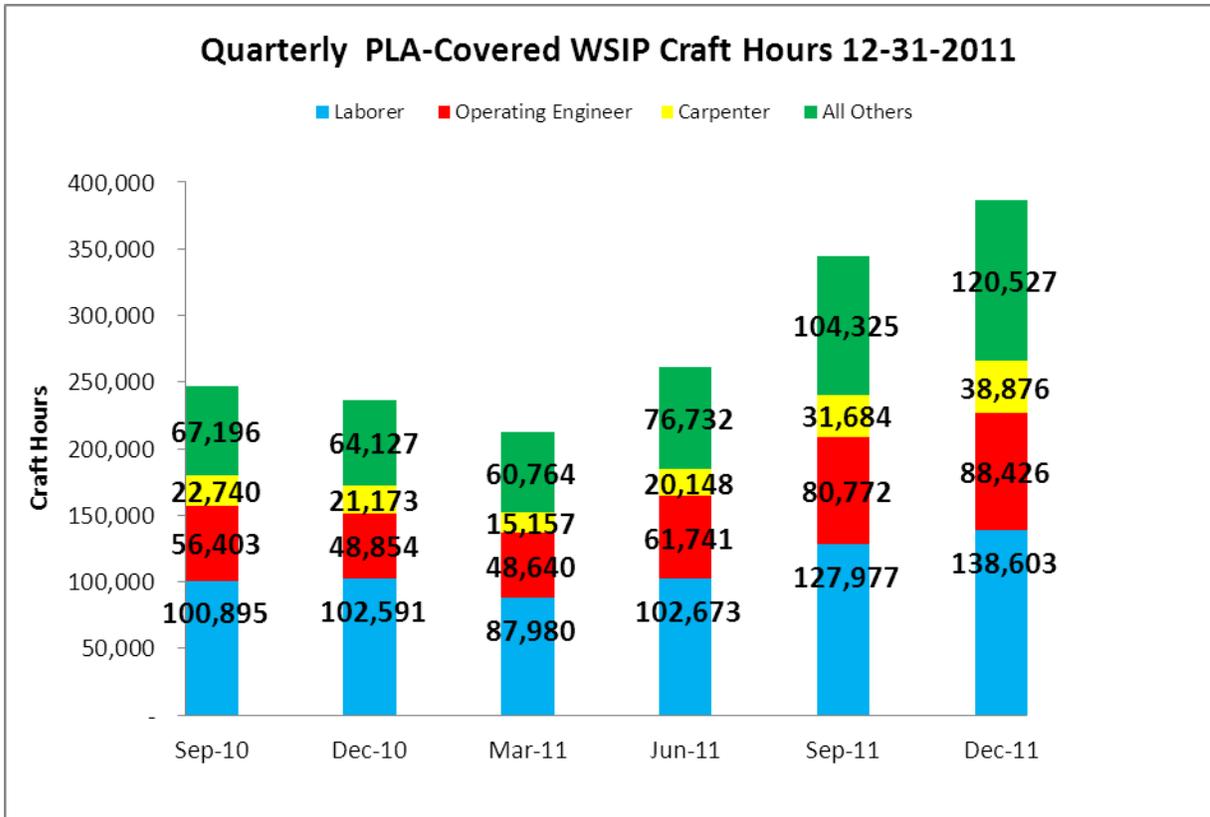
The following charts summarize craft worker employment under the WSIPLA for the last six quarters. The first and second tables are cumulative balances at the end of each quarter, and the third and fourth tables represent employment during each quarter. The fifth and sixth tables represent quarterly participation 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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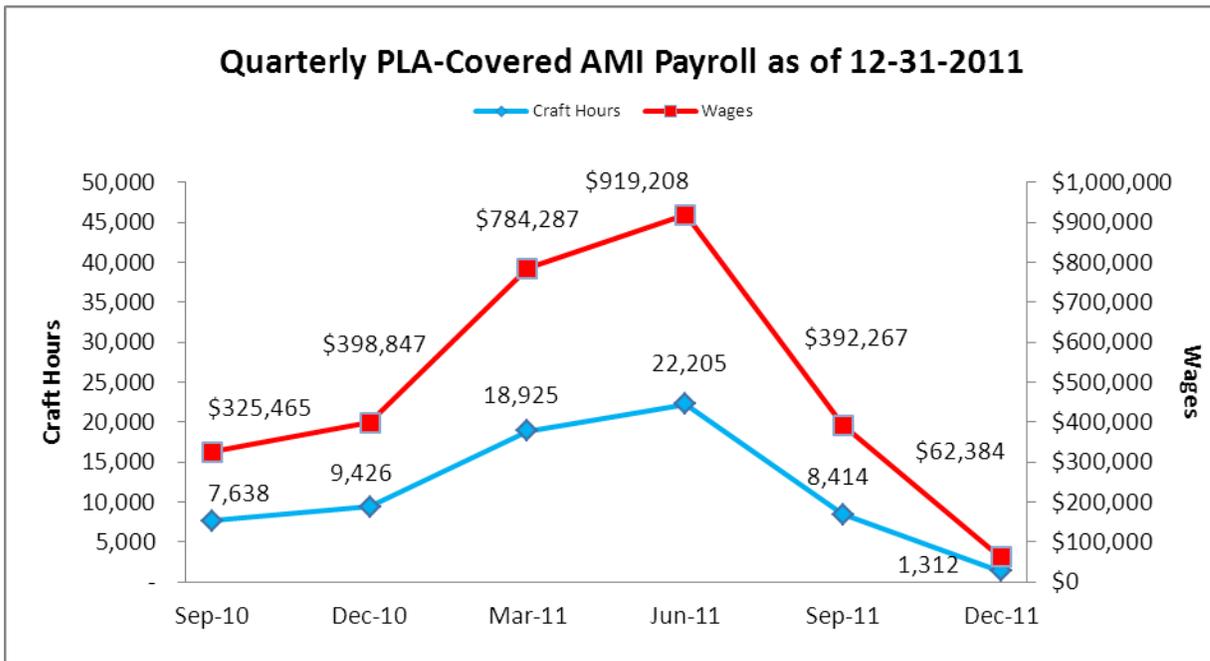
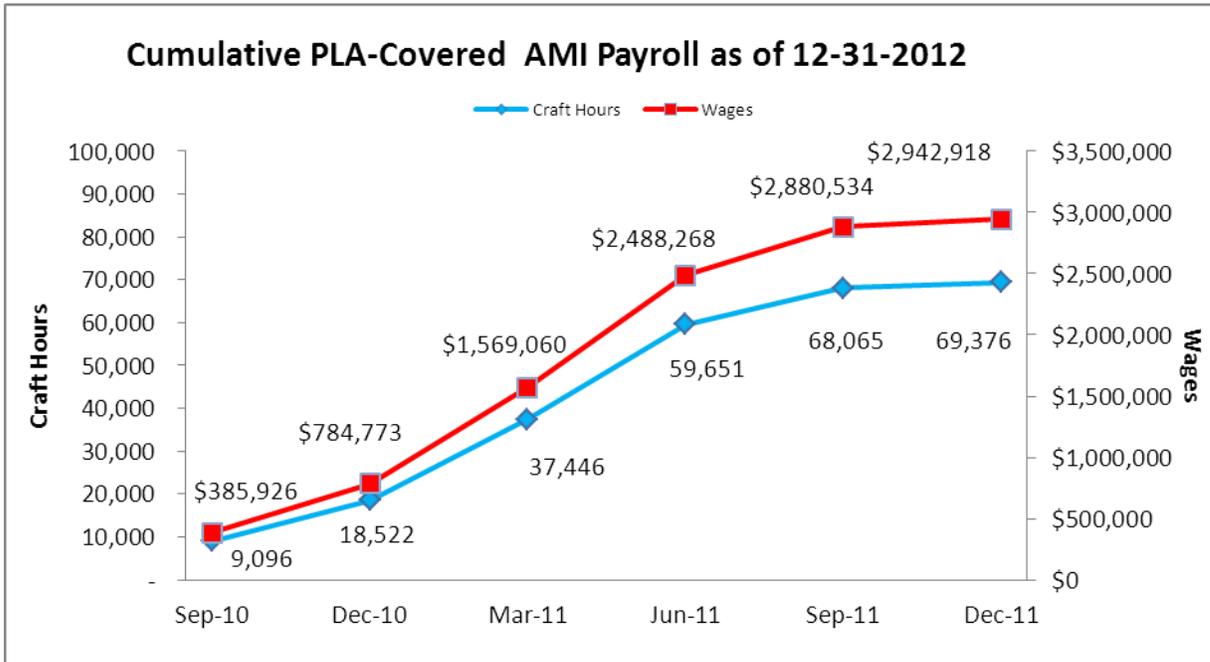


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Work commenced on contract CS-936 Advanced Meter Infrastructure during the Quarter ended June 30, 2010 to replace all water meters in San Francisco. This work is covered by the WSIPLA, funding is provided by the SFPUC operating budget, and has been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



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**Craft Utilization on the WSIPLA**

As of Dec. 31, 2011, contractors had reported craft hours in 50 craft-worker classifications which the SFPUC summarizes into 24 craft areas reflecting all PLA-Covered work through Dec. 31, 2011. 71.4% 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 Dec. 31, 2011, 69,376 Plumber hours had been reported on the AMI representing \$2,942,918 in covered wages.

San Francisco Public Utilities Commission WSIP - Project Labor Agreement Covered Employment by Craft Inception Through Dec. 31, 2011								
Craft	Craft Hours			Wages	% Craft Hours		% Wages	FTE's
	AMI	WSIP	Total PLA	Total PLA	AMI	WSIP	Total PLA	
LABORER		956,307	956,307	\$28,661,424		38.7%	30.5%	459.8
OPERATING ENGINEER		537,337	537,337	20,925,049		21.7%	22.3%	258.3
CARPENTER		271,328	271,328	10,822,934		11.0%	11.5%	130.4
ELECTRICIAN		137,962	137,962	6,549,727		5.6%	7.0%	66.3
TUNNEL WORKER		124,042	124,042	4,889,075		5.0%	5.2%	59.6
IRON WORKER		121,924	121,924	4,133,694		4.9%	4.4%	58.6
PLUMBER	69,376	34,937	104,313	4,616,599	100%	1.4%	4.9%	50.2
TEAMSTER		92,123	92,123	5,257,606		3.7%	5.6%	44.3
BOILERMAKER		55,707	55,707	2,514,861		2.3%	2.7%	26.8
CEMENT MASON		34,745	34,745	1,210,455		1.4%	1.3%	16.7
PAINTER		30,556	30,556	1,109,995		1.2%	1.2%	14.7
ROOFER		29,149	29,149	982,681		1.2%	1.0%	14.0
PILE DRIVER		23,543	23,543	1,287,571		1.0%	1.4%	11.3
SHEET METAL WORKER		6,272	6,272	268,762		0.3%	0.3%	3.0
FIELD SURVEYOR		5,510	5,510	230,270		0.2%	0.2%	2.6
ASBESTOS WORKER		4,621	4,621	121,781		0.2%	0.1%	2.2
BRICKLAYER		3,207	3,207	120,520		0.1%	0.1%	1.5
TELECOM TECHNICIAN		1,160	1,160	37,245		0.0%	0.0%	0.6
ELECTRICAL UTILITY LINEMAN		1,077	1,077	58,300		0.0%	0.1%	0.5
PLASTERER		762	762	25,173		0.0%	0.0%	0.4
GLAZIER		573	573	28,691		0.0%	0.0%	0.3
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		115	115	4,277		0.0%	0.0%	0.1
	69,376	2,473,281	2,542,657	\$93,864,119	100%	100%	100%	1,222

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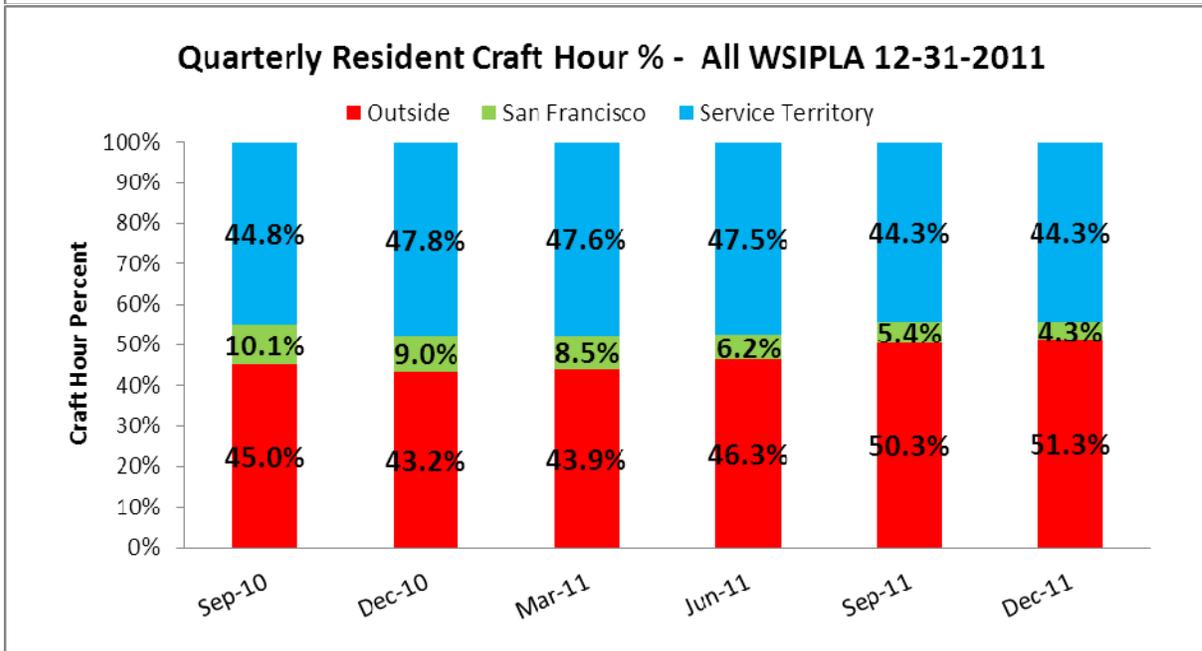
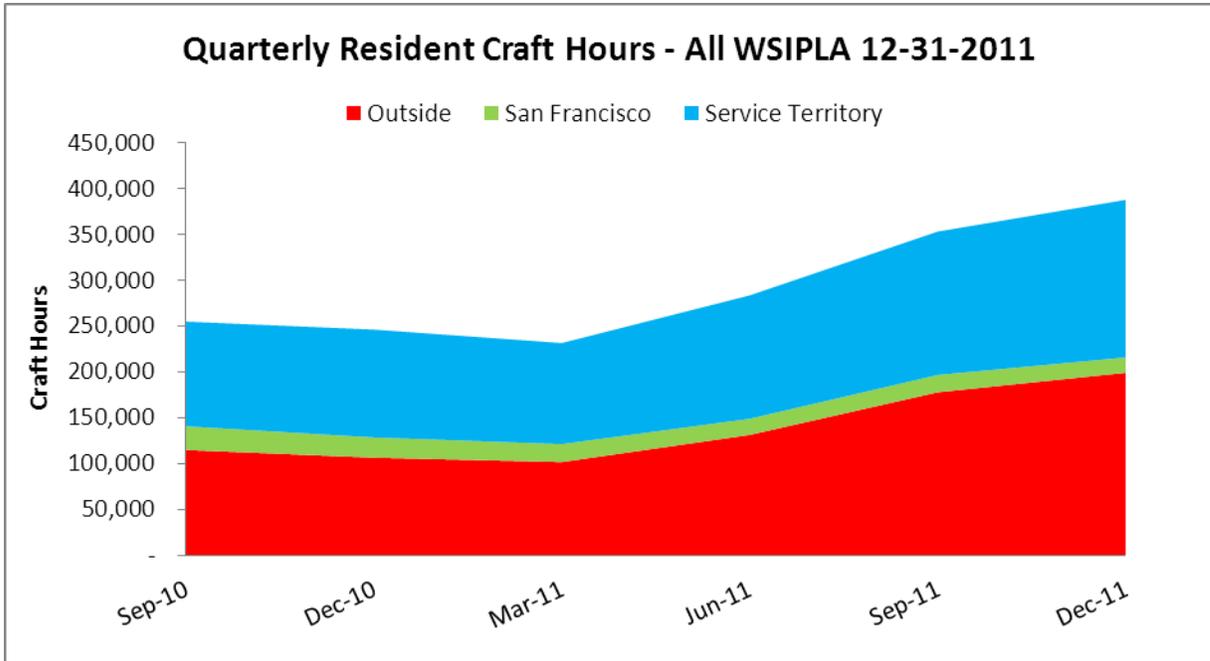
San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Craft Employment Summary for the Quarter Ended Dec. 31, 2011 Employment Summary - Cumulative and Last Six Quarters							
	Cumulative thru Dec. 2011	QE 9-30-10	QE 12-31-10	QE 3-31-11	QE 6-30-11	QE 9-30-11	QE 12-31-11
<u>Craft Worker Earnings</u>							
LABORER	\$28,661,424	\$3,023,265	\$3,091,358	\$2,693,382	\$3,142,308	\$3,885,568	\$4,131,404
OPERATING ENGINEER	20,925,049	2,197,728	1,857,946	1,861,252	2,400,847	3,171,015	3,528,563
CARPENTER	10,822,934	908,656	867,565	607,943	815,299	1,291,178	1,631,220
ELECTRICIAN	6,549,727	526,140	623,209	690,729	669,743	678,916	793,218
TEAMSTER	5,257,606	973,759	613,682	436,915	421,154	799,026	651,427
TUNNEL WORKER	4,889,075	163,971	83,713	82,934	518,309	1,030,986	1,743,381
PLUMBER	4,616,599	430,250	536,790	898,068	1,133,764	675,884	365,106
IRON WORKER	4,133,694	377,456	369,603	554,124	294,044	471,137	439,775
BOILERMAKER	2,514,861	254,956	277,132	278,766	402,410	500,708	437,665
PILE DRIVER	1,287,571			65,939	112,786	325,164	447,181
CEMENT MASON	1,210,455	112,470	135,732	81,898	85,396	154,299	263,215
PAINTER	1,109,995	87,576	139,056	145,848	71,568	147,486	219,755
ROOFER	982,681	166,262	150,534	81,210	352,741	47,892	25,834
SHEET METAL WORKER	268,762	44,546	39,952	18,838	14,152	15,161	30,431
FIELD SURVEYOR	230,270	12,318	16,892	30,759	31,809	58,725	38,780
ASBESTOS WORKER	121,781	5,739	7,080	10,692	33,881	23,904	34,576
BRICKLAYER	120,520	6,114	27,460	17,701	21,552	2,831	2,796
ELECTRICAL UTILITY LINEMAN	58,300		2,282	8,104		14,501	33,413
TELECOM TECHNICIAN	37,245		12,552	21,964	2,730		
GLAZIER	28,691	2,803	5,367	1,340	670	712	4,833
PLASTERER	25,173		14,325	10,020	827		
SLURRY SEAL WORKER	4,644		4,644				
TILE SETTER	4,277		1,481	2,565	116		116
TILE FINISHER	2,783		780	2,003			
	\$93,864,119	\$9,294,011	\$8,879,134	\$8,602,995	\$10,526,105	\$13,295,092	\$14,822,690
<u>Craft Hours Worked</u>							
LABORER	956,307	100,895	102,591	87,980	102,673	127,977	138,603
OPERATING ENGINEER	537,337	56,403	48,854	48,640	61,741	80,772	88,426
CARPENTER	271,328	22,740	21,173	15,157	20,148	31,684	38,876
ELECTRICIAN	137,962	12,917	14,782	15,110	13,870	13,887	15,920
TUNNEL WORKER	124,042	4,417	2,420	2,308	13,651	25,940	40,764
IRON WORKER	121,924	11,412	10,824	15,574	8,667	14,150	12,154
PLUMBER	104,313	10,526	12,796	21,055	26,750	13,764	6,723
TEAMSTER	92,123	16,683	10,352	7,100	7,626	13,965	11,933
BOILERMAKER	55,707	5,903	5,888	6,141	8,904	11,386	9,854
CEMENT MASON	34,745	3,549	4,044	2,217	2,399	4,321	7,309
PAINTER	30,556	2,473	3,929	3,553	1,794	4,110	6,394
ROOFER	29,149	5,088	4,835	2,092	9,683	1,513	652
PILE DRIVER	23,543			996	2,613	6,619	6,791
SHEET METAL WORKER	6,272	1,027	967	403	330	377	681
FIELD SURVEYOR	5,510	343	517	811	606	1,372	934
ASBESTOS WORKER	4,621	291	224	502	1,451	971	943
BRICKLAYER	3,207	146	734	477	487	90	53
TELECOM TECHNICIAN	1,160		403	693	64		
ELECTRICAL UTILITY LINEMAN	1,077		38	159		259	621
PLASTERER	762		435	304	24		
GLAZIER	573	60	96	32	16	17	113
SLURRY SEAL WORKER	199		199				
TILE FINISHER	128		35	93			
TILE SETTER	115		37	72	3		3
	2,542,657	254,871	246,170	231,466	283,498	353,172	387,743

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**Worker Residence on the WSIPLA**

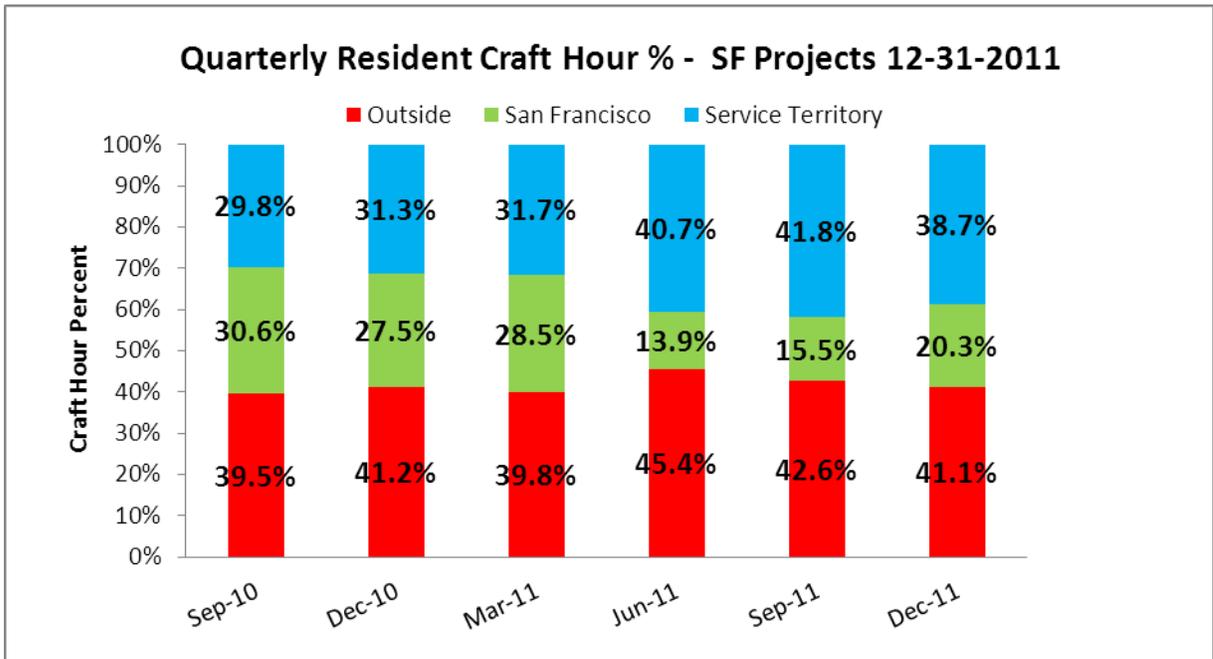
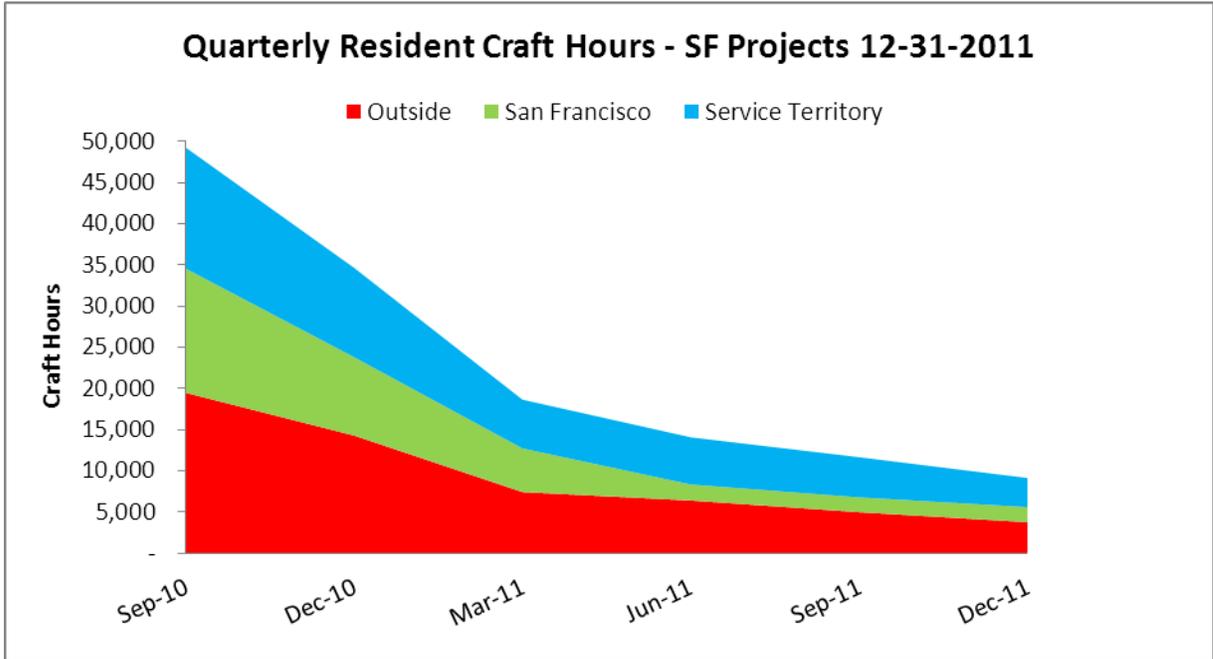
The following charts and tables summarize PLA-Covered craft hours recorded in the Elations Certified Payroll System through Dec. 31, 2011. The Service Territory is defined as zip codes outside San Francisco within which the SFPUC wholesale water customers deliver water, plus zip codes impacted by WSIP construction.

All WSIPLA- Covered Projects



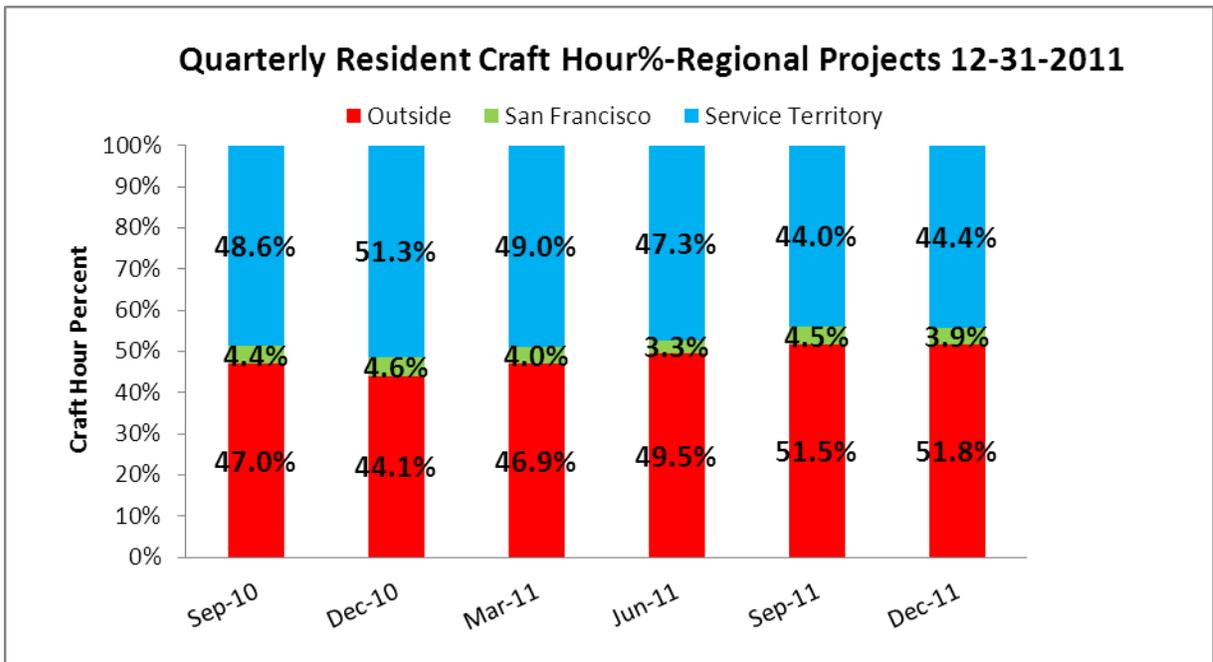
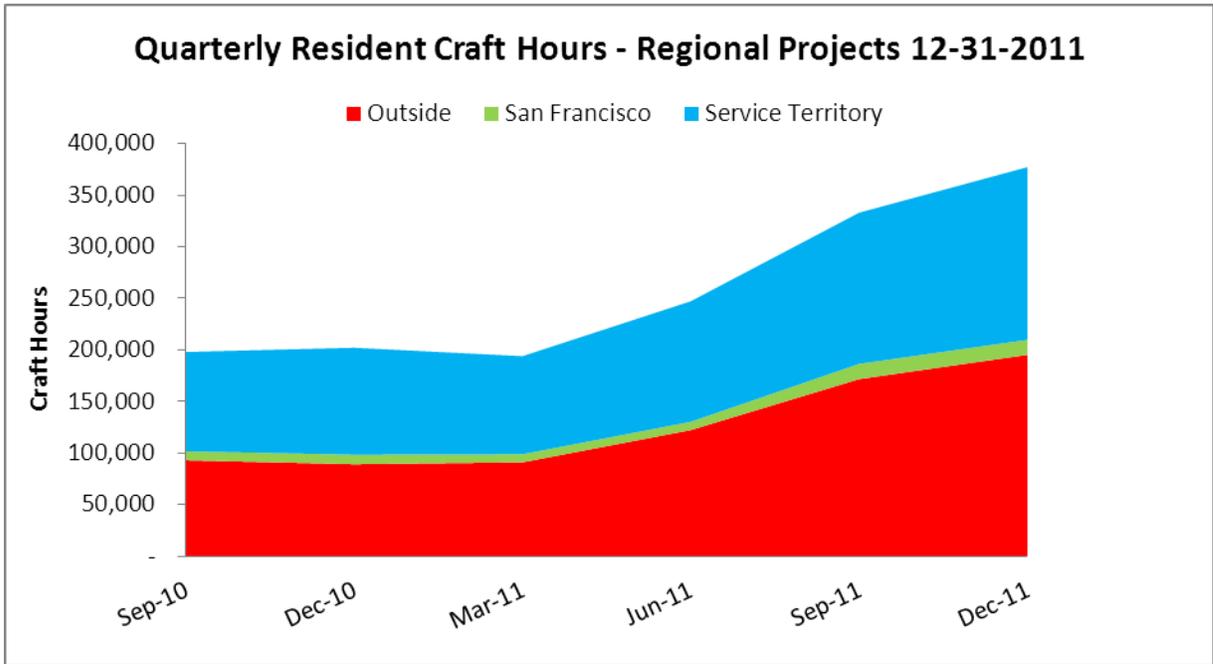
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SF Local WSIP Projects:



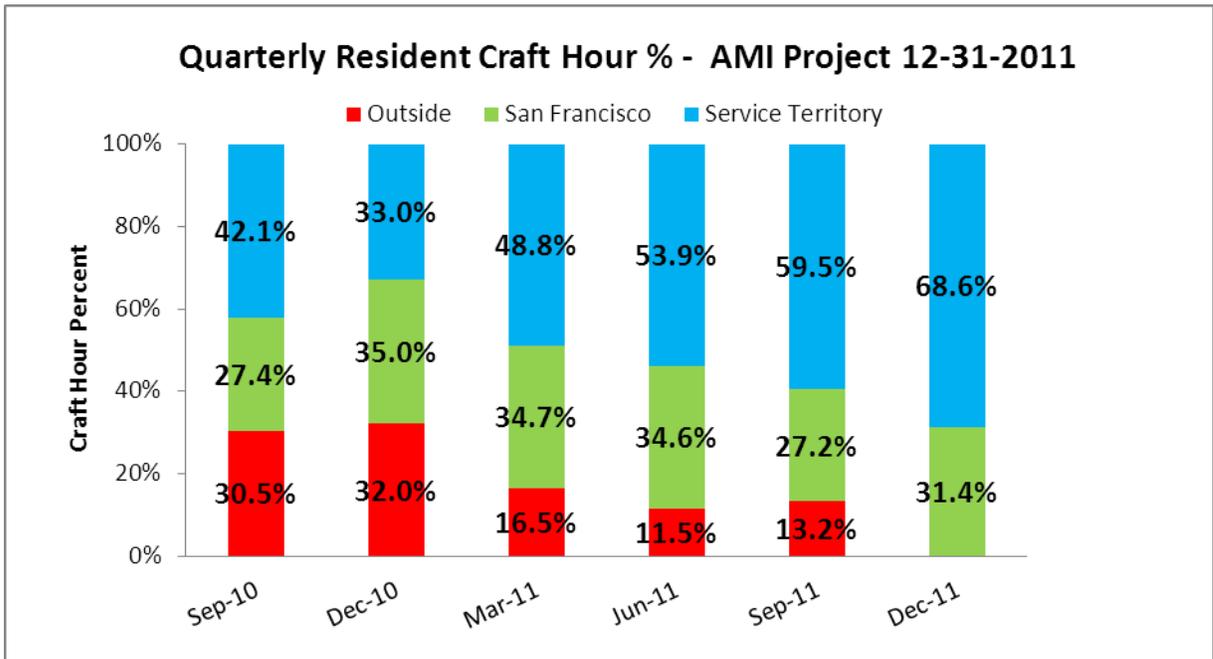
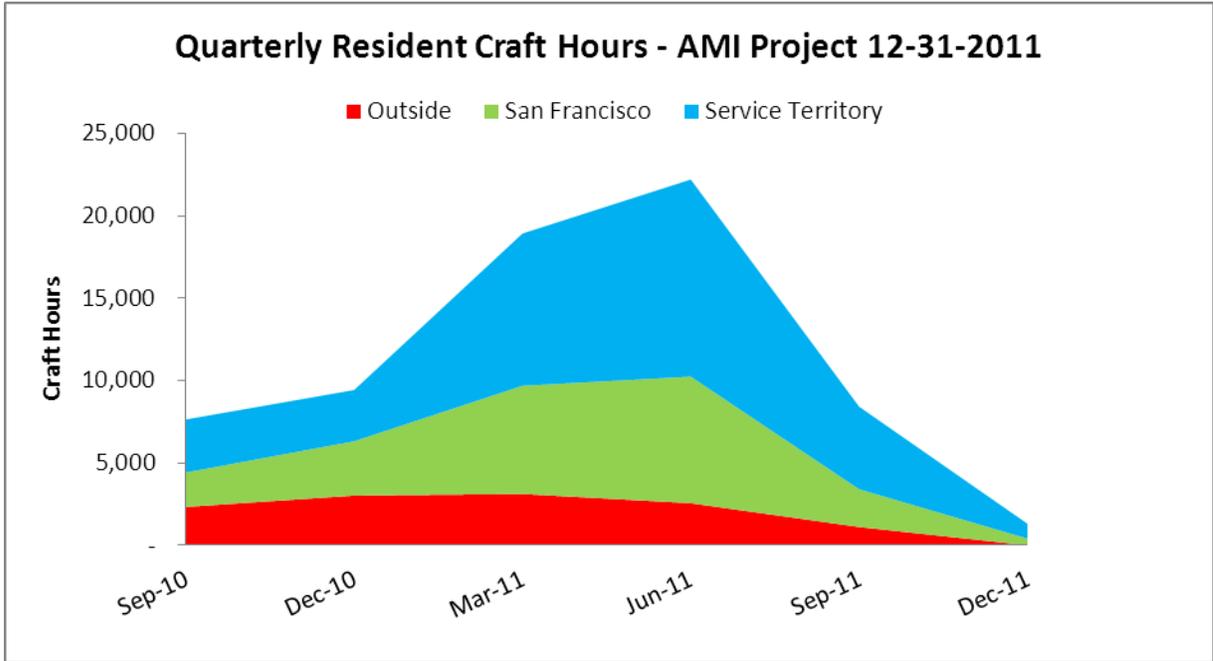
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Regional WSIP Projects:



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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 Dec. 31, 2011 Employment Summary - Cumulative Employment of Residents by Craft						
Craft	Total Hours	San Francisco	Service Territory	Outside	% San Francisco	% Service Territory
LABORER	956,307	79,206	419,909	457,192	8.3%	43.9%
OPERATING ENGINEER	537,337	32,961	224,915	279,461	6.1%	41.9%
CARPENTER	271,328	39,623	123,507	108,199	14.6%	45.5%
ELECTRICIAN	137,962	15,961	79,645	42,357	11.6%	57.7%
TUNNEL WORKER	124,042	2,513	45,447	76,083	2.0%	36.6%
IRON WORKER	121,924	11,001	48,530	62,393	9.0%	39.8%
PLUMBER	104,313	25,632	45,445	33,236	24.6%	43.6%
TEAMSTER	92,123	12,176	58,804	21,143	13.2%	63.8%
BOILERMAKER	55,707	454	12,205	43,048	0.8%	21.9%
CEMENT MASON	34,745	949	19,082	14,714	2.7%	54.9%
PAINTER	30,556	509	3,324	26,723	1.7%	10.9%
ROOFER	29,149	2,004	15,042	12,103	6.9%	51.6%
PILE DRIVER	23,543	1,554	3,593	18,397	6.6%	15.3%
SHEET METAL WORKER	6,272	392	4,289	1,591	6.2%	68.4%
FIELD SURVEYOR	5,510	952	3,102	1,457	17.3%	56.3%
ASBESTOS WORKER	4,621	41	500	4,080	0.9%	10.8%
BRICKLAYER	3,207		2,660	547	0.0%	82.9%
TELECOM TECHNICIAN	1,160		1,088	72	0.0%	93.8%
ELECTRICAL UTILITY LINEMAN	1,077			1,077	0.0%	0.0%
PLASTERER	762	738	24		96.9%	3.1%
GLAZIER	573		229	344	0.0%	40.0%
SLURRY SEAL WORKER	199		85	114	0.0%	42.8%
TILE FINISHER	128		128		0.0%	100.0%
TILE SETTER	115		113	2	0.0%	98.3%
<b>Total WSIPLA</b>	<b>2,542,657</b>	<b>226,663</b>	<b>1,111,663</b>	<b>1,204,331</b>	<b>8.9%</b>	<b>43.7%</b>

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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 Dec. 31, 2011 Employment Summary - Cumulative Employment of Residents by Project						
	Total Hours	San Francisco	Service Territory	Outside	% San Francisco	% Service Territory
SVWTP	212,403	7,318	99,004	106,081	3.4%	46.6%
BDPL 5 Peninsula	212,223	2,465	98,399	111,359	1.2%	46.4%
BDPL5 East Bay	203,560	14,108	81,788	107,665	6.9%	40.2%
U Mound Res	187,030	50,004	51,702	85,324	26.7%	27.6%
New Irvington Tunnel	173,841	731	76,305	96,806	0.4%	43.9%
Tesla	138,802	2,724	94,523	41,556	2.0%	68.1%
Alameda Siphon 4	125,669	1,450	57,065	67,154	1.2%	45.4%
NCSBT	117,860	6,825	64,924	46,112	5.8%	55.1%
Bay Tunnel	99,087	3,200	49,734	46,153	3.2%	50.2%
Lower CS Dam	84,585	5,532	48,948	30,105	6.5%	57.9%
CSSA	83,771	5,846	27,428	50,497	7.0%	32.7%
San Andreas Pipe 3	83,075	6,271	27,755	49,049	7.5%	33.4%
San Joaquin Crossovers	78,868	158	42,719	35,991	0.2%	54.2%
Stanford Heights	74,284	11,120	20,114	43,051	15.0%	27.1%
Lake Merced Pump	74,178	18,557	23,368	32,253	25.0%	31.5%
Alemany Pump	73,664	7,878	28,780	37,005	10.7%	39.1%
Advanced Meter	69,376	22,667	33,983	12,726	32.7%	49.0%
SJPL West	56,180	405	24,495	31,280	0.7%	43.6%
NU Mound System	53,265	10,250	18,221	24,795	19.2%	34.2%
Pulgas Roof	47,357	5,126	23,861	18,370	10.8%	50.4%
HTWTP Short Term	43,049	7,220	12,845	22,984	16.8%	29.8%
CSPL2	41,912	11,482	12,307	18,124	27.4%	29.4%
HTWTP LTI	38,180	1,679	15,650	20,851	4.4%	41.0%
Forest Knolls Pump	26,441	3,844	8,140	14,457	14.5%	30.8%
Noe Valley Trans	22,511	3,918	8,054	10,539	17.4%	35.8%
BDPL 3&4 Crossover	20,403	7,465	4,585	8,353	36.6%	22.5%
Baden San Pedro	19,917	4,560	13,411	1,947	22.9%	67.3%
Calaveras Dam	19,060		5,132	13,928	0.0%	26.9%
San Antonio Pump	14,916	101	11,985	2,831	0.7%	80.3%
Harding	13,994	3,431	7,799	2,765	24.5%	55.7%
Roselle	12,859		8,789	4,070	0.0%	68.3%
Standby Power	11,275	182	6,599	4,494	1.6%	58.5%
SJPL East	7,562	37	2,645	4,880	0.5%	35.0%
SCADA II	1,498	113	605	781	7.6%	40.3%
<b>Total WSIPLA</b>	<b>2,542,657</b>	<b>226,663</b>	<b>1,111,663</b>	<b>1,204,331</b>	<b>8.9%</b>	<b>43.7%</b>

Craft Worker Residence by County – All WSIPLA Covered Projects

San Francisco Public Utilities Commission  
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San Francisco Public Utilities Commission WSIP - Project Labor Agreement Covered Employment by County of Residence Inception Through Dec. 31, 2011								
County	Craft Hours			Wages	% Craft Hours			FTE's
	AMI	WSIP	Total PLA	Total PLA	AMI	WSIP	Total PLA	
Alameda	2,902	490,853	493,755	\$17,314,230	4.2%	19.8%	19.4%	237.4
Contra Costa	623	344,676	345,299	12,582,291	0.9%	13.9%	13.6%	166.0
San Joaquin	2,196	256,717	258,913	8,865,017	3.2%	10.4%	10.2%	124.5
San Mateo	28,244	201,254	229,498	9,189,739	40.7%	8.1%	9.0%	110.3
San Francisco	22,667	203,315	225,982	8,331,799	32.7%	8.2%	8.9%	108.6
Santa Clara	754	160,802	161,555	5,808,266	1.1%	6.5%	6.4%	77.7
Stanislaus		129,369	129,369	4,536,832	0.0%	5.2%	5.1%	62.2
Sacramento		98,531	98,531	3,826,529	0.0%	4.0%	3.9%	47.4
Out of State	7,776	72,947	80,723	3,721,181	11.2%	2.9%	3.2%	38.8
Solano		76,178	76,178	2,714,130	0.0%	3.1%	3.0%	36.6
Sonoma	2,156	48,832	50,988	1,939,075	3.1%	2.0%	2.0%	24.5
Calaveras		37,823	37,823	1,486,648	0.0%	1.5%	1.5%	18.2
Butte		36,239	36,239	1,388,500	0.0%	1.5%	1.4%	17.4
Fresno		31,373	31,373	1,045,039	0.0%	1.3%	1.2%	15.1
Tuolumne		23,536	23,536	882,952	0.0%	1.0%	0.9%	11.3
San Bernardino		22,998	22,998	939,309	0.0%	0.9%	0.9%	11.1
Riverside		21,179	21,179	871,452	0.0%	0.9%	0.8%	10.2
Merced		20,685	20,685	715,009	0.0%	0.8%	0.8%	9.9
Los Angeles		18,102	18,102	701,132	0.0%	0.7%	0.7%	8.7
Monterey		17,393	17,393	601,975	0.0%	0.7%	0.7%	8.4
Placer		16,193	16,193	663,896	0.0%	0.7%	0.6%	7.8
Madera		16,025	16,025	601,887	0.0%	0.6%	0.6%	7.7
Napa		15,754	15,754	626,846	0.0%	0.6%	0.6%	7.6
Yolo		13,877	13,877	466,541	0.0%	0.6%	0.5%	6.7
El Dorado		10,858	10,858	395,454	0.0%	0.4%	0.4%	5.2
Shasta		9,323	9,323	350,460	0.0%	0.4%	0.4%	4.5
Santa Cruz		9,223	9,223	356,483	0.0%	0.4%	0.4%	4.4
Orange		8,620	8,620	405,657	0.0%	0.3%	0.3%	4.1
Amador		7,418	7,418	275,340	0.0%	0.3%	0.3%	3.6
San Benito		6,706	6,706	236,088	0.0%	0.3%	0.3%	3.2
San Luis Obispo		6,478	6,478	287,879	0.0%	0.3%	0.3%	3.1
San Diego	493	5,263	5,755	250,482	0.7%	0.2%	0.2%	2.8
Yuba		4,997	4,997	192,631	0.0%	0.2%	0.2%	2.4
Mariposa		4,916	4,916	211,845	0.0%	0.2%	0.2%	2.4
Imperial		4,907	4,907	221,596	0.0%	0.2%	0.2%	2.4
Kern		4,224	4,224	156,998	0.0%	0.2%	0.2%	2.0
Marin	1,526	2,294	3,820	176,419	2.2%	0.1%	0.2%	1.8
Nevada		3,477	3,477	143,729	0.0%	0.1%	0.1%	1.7
Sutter		3,029	3,029	112,767	0.0%	0.1%	0.1%	1.5
Tehama		2,120	2,120	80,317	0.0%	0.1%	0.1%	1.0
Kings		1,121	1,121	41,668	0.0%	0.0%	0.0%	0.5
Santa Barbara		779	779	37,440	0.0%	0.0%	0.0%	0.4
Mendocino	40	721	761	28,618	0.1%	0.0%	0.0%	0.4
Siskiyou		719	719	28,303	0.0%	0.0%	0.0%	0.3
Inyo		497	497	15,009	0.0%	0.0%	0.0%	0.2
Humboldt		349	349	19,041	0.0%	0.0%	0.0%	0.2
Lake		298	298	9,675	0.0%	0.0%	0.0%	0.1
Colusa		108	108	2,962	0.0%	0.0%	0.0%	0.1
Plumas		93	93	3,142	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
<b>Total WSIPLA</b>	<b>69,376</b>	<b>2,473,281</b>	<b>2,542,657</b>	<b>\$93,864,119</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>1,222</b>

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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 Dec. 31, 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	27,360	33,018	\$ 1,174,492	24.96%	13.46%	14.61%	15.9
94110	40	31,287	31,327	1,006,669	0.18%	15.39%	13.86%	15.1
94124	6,755	20,553	27,309	1,048,177	29.80%	10.11%	12.08%	13.1
94116	385	25,676	26,061	1,336,104	1.70%	12.63%	11.53%	12.5
94134	4,718	19,598	24,315	732,755	20.81%	9.64%	10.76%	11.7
94122	1,052	16,209	17,260	715,998	4.64%	7.97%	7.64%	8.3
94103		10,367	10,367	325,718		5.10%	4.59%	5.0
94127		7,886	7,886	299,808		3.88%	3.49%	3.8
94121	1,093	5,401	6,494	237,890	4.82%	2.66%	2.87%	3.1
94117	489	5,670	6,159	158,222	2.16%	2.79%	2.73%	3.0
94132	8	5,099	5,107	219,248	0.04%	2.51%	2.26%	2.5
94102	2,124	2,924	5,048	199,664	9.37%	1.44%	2.23%	2.4
94118		3,246	3,246	137,703	0.00%	1.60%	1.44%	1.6
94131	32	3,132	3,164	157,743	0.14%	1.54%	1.40%	1.5
94114		3,029	3,029	110,485		1.49%	1.34%	1.5
94107		2,934	2,934	99,883		1.44%	1.30%	1.4
94133		2,873	2,873	97,147		1.41%	1.27%	1.4
94108		2,836	2,836	57,635		1.39%	1.25%	1.4
94109		2,514	2,514	73,346		1.24%	1.11%	1.2
94130		2,510	2,510	51,416		1.23%	1.11%	1.2
94115	8	548	556	18,781	0.04%	0.27%	0.25%	0.3
94129		447	447	13,106		0.22%	0.20%	0.2
94164		357	357	9,127		0.18%	0.16%	0.2
94123	306		306	15,063	1.35%	0.00%	0.14%	0.1
94140		288	288	11,589		0.14%	0.13%	0.1
94142		261	261	7,859		0.13%	0.12%	0.1
94166		123	123	9,225		0.06%	0.05%	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
	22,667	203,315	225,982	\$ 8,331,799	100.00%	100.00%	100.00%	108.6

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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.

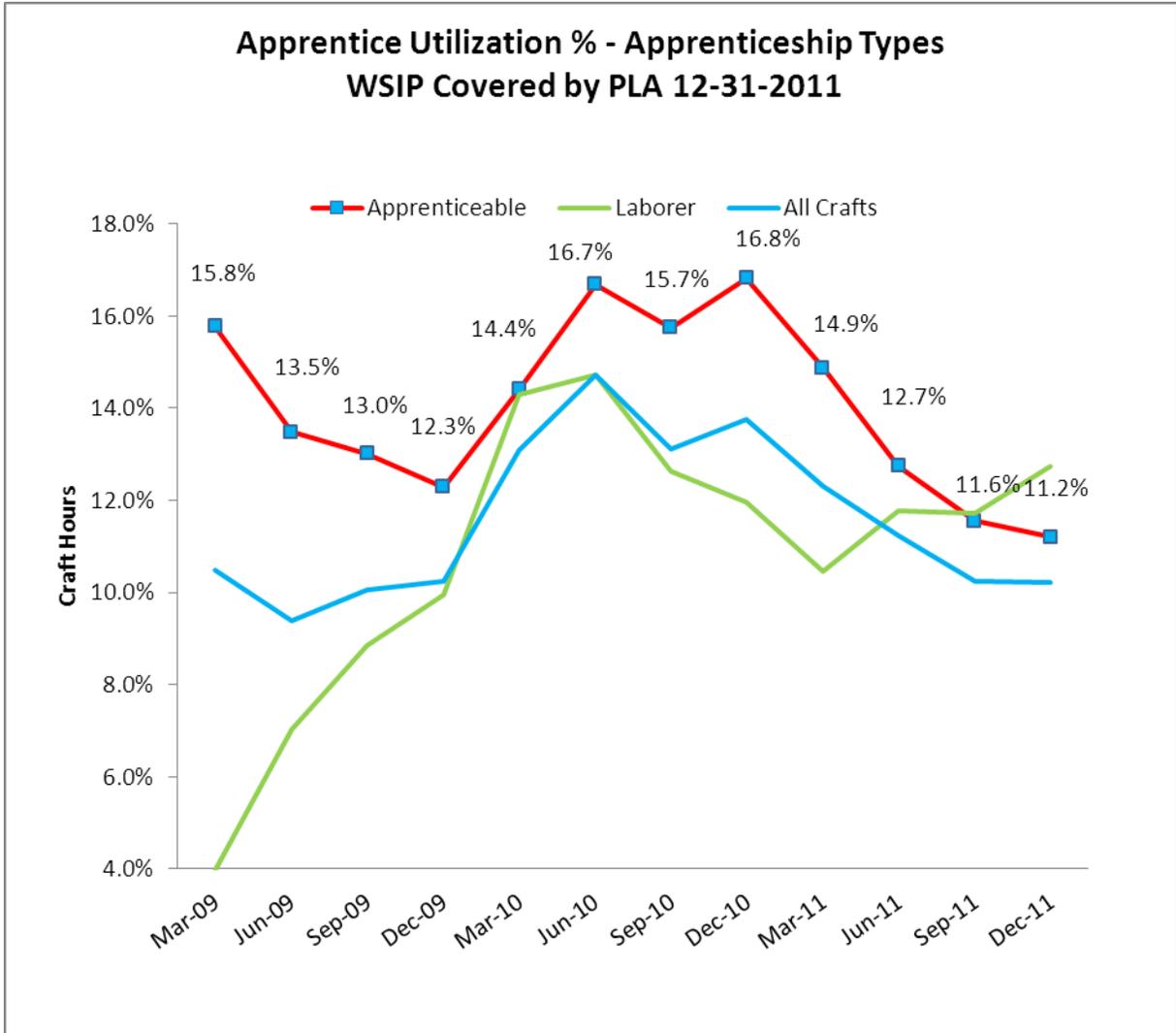
San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Craft Employment Summary for the Quarter Ended Dec. 31, 2011 Apprentice Utilization on the WSIPLA - By Craft								
Craft/Program	Total Hours	Apprentice Hours	Apprentice Hours			Apprentice Utilization		
			San Francisco	Service Territory	Outside	% All Apprentices	% San Francisco	% Service Territory
OPERATING ENGINEER	537,337	54,543	12,921	28,507	13,116	10.15%	2.40%	5.31%
CARPENTER	271,328	43,255	15,828	17,037	10,391	15.94%	5.83%	6.28%
ELECTRICIAN	137,962	28,131	4,696	19,155	4,280	20.39%	3.40%	13.88%
IRON WORKER	121,924	27,933	7,073	11,477	9,383	22.91%	5.80%	9.41%
BOILERMAKER	55,707	1,847	40	1,171	636	3.32%	0.07%	2.10%
PLUMBER	34,937	7,470	1,891	3,347	2,233	21.38%	5.41%	9.58%
CEMENT MASON	34,745	1,223	643	109	471	3.52%	1.85%	0.31%
PAINTER	30,556	4,570	292	114	4,164	14.96%	0.96%	0.37%
ROOFER	29,149	8,442	1,121	3,919	3,402	28.96%	3.85%	13.45%
PILE DRIVER	23,543	627	134	293	200	2.66%	0.57%	1.24%
SHEET METAL WORKER	6,272	541		371	170	8.62%	0.00%	5.91%
FIELD SURVEYOR	5,510	73		49	24	1.32%	0.00%	0.89%
BRICKLAYER	3,207	671		383	288	20.91%	0.00%	11.93%
ELECTRICAL UTILITY LINEMAN	1,077					0.00%	0.00%	0.00%
PLASTERER	762					0.00%	0.00%	0.00%
GLAZIER	573	16		16		2.79%	0.00%	2.79%
TILE FINISHER	128					0.00%	0.00%	0.00%
TILE SETTER	115					0.00%	0.00%	0.00%
<b>Total Apprenticeable</b>	<b>1,294,830</b>	<b>179,340</b>	<b>44,638</b>	<b>85,945</b>	<b>48,757</b>	<b>13.85%</b>	<b>3.45%</b>	<b>6.64%</b>
LABORER	956,307	107,577	15,715	77,691	14,171	11.25%	1.64%	8.12%
<b>Non-Apprenticeable</b>								
ASBESTOS WORKER	4,621							
SLURRY SEAL WORKER	199							
TEAMSTER	92,123							
TELECOMMUNICATIONS TECH	1,160							
TUNNEL WORKER	124,042							
<b>Total Non-Apprenticeable</b>	<b>222,144</b>							
<b>Total WSIP</b>	<b>2,473,281</b>	<b>286,917</b>	<b>60,353</b>	<b>163,636</b>	<b>62,928</b>	<b>11.60%</b>	<b>2.44%</b>	<b>6.62%</b>
AMI								
PLUMBER	69,376	21,571	6,851	13,513	1,207	31.09%	9.87%	19.48%
<b>Total WSIPLA</b>	<b>2,542,657</b>	<b>308,487</b>	<b>67,204</b>	<b>177,149</b>	<b>64,135</b>	<b>12.13%</b>	<b>2.64%</b>	<b>6.97%</b>

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San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Craft Employment Summary for the Quarter Ended Dec. 31, 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
SVWTP	124,522	79,681	8,200	212,403	19,807	8,591	28,399	15.9%	10.8%
BDPL 5 Peninsula	72,175	117,837	22,212	212,223	5,904	15,895	21,799	8.2%	13.5%
BDPL5 East Bay	86,992	105,298	11,270	203,560	9,712	9,837	19,548	11.2%	9.3%
U Mound Res	106,330	79,502	1,199	187,030	23,851	6,500	30,350	22.4%	8.2%
New Irvington Tunnel	81,195	30,029	62,617	173,841	7,078	6,540	13,618	8.7%	21.8%
Tesla	95,997	41,224	1,582	138,802	16,288	10,208	26,496	17.0%	24.8%
Alameda Siphon 4	74,391	43,391	7,887	125,669	11,622	8,658	20,280	15.6%	20.0%
NCSBT	63,888	11,634	42,339	117,860	12,361	5,252	17,612	19.3%	45.1%
Bay Tunnel	46,425	26,440	26,223	99,087	3,505	4,829	8,334	7.5%	18.3%
Lower CS Dam	36,613	47,966	6	84,585	4,429	2,903	7,332	12.1%	6.1%
CSSA	51,000	28,885	3,885	83,771	4,531	2,974	7,505	8.9%	10.3%
San Andreas Pipe 3	28,638	42,922	11,516	83,075	3,994	5,317	9,311	13.9%	12.4%
San Joaquin Crossover	49,806	28,327	735	78,868	5,115	3,788	8,903	10.3%	13.4%
Stanford Heights	40,434	33,851		74,284	9,134	757	9,891	22.6%	2.2%
Lake Merced Pump	55,569	17,485	1,125	74,178	9,465	26	9,491	17.0%	0.1%
Aleman Pump	53,924	19,691	48	73,664	7,322	223	7,544	13.6%	1.1%
SJPL West	27,609	22,326	6,246	56,180	1,416	3,192	4,608	5.1%	14.3%
NU Mound System	14,383	31,800	7,082	53,265	743	2,255	2,998	5.2%	7.1%
Pulgas Roof	32,538	14,564	255	47,357	6,619	673	7,292	20.3%	4.6%
HTWTP Short Term	22,692	20,358		43,049	2,089		2,089	9.2%	0.0%
CSPL2	15,785	22,310	3,817	41,912	1,563	1,678	3,241	9.9%	7.5%
HTWTP LTI	20,003	17,190	988	38,180	2,706	1,996	4,702	13.5%	11.6%
Forest Knolls Pump	17,165	9,243	33	26,441	2,888	19	2,907	16.8%	0.2%
Noe Valley Trans	6,021	14,423	2,067	22,511		1,133	1,133	0.0%	7.9%
BDPL 3&4 Crossover	14,014	6,390		20,403	1,860	102	1,962	13.3%	1.6%
Baden San Pedro	11,044	8,530	344	19,917	949	1,788	2,737	8.6%	21.0%
Calaveras Dam	9,941	8,950	170	19,060	803	196	998	8.1%	2.2%
San Antonio Pump	8,241	6,539	137	14,916	859	939	1,798	10.4%	14.4%
Harding	5,296	8,698		13,994	571	390	961	10.8%	4.5%
Roselle	7,968	4,729	163	12,859	1,384	559	1,943	17.4%	11.8%
Standby Power	9,046	2,230		11,275	626		626	6.9%	0.0%
SJPL East	4,462	3,100		7,562	38	364	402	0.8%	11.7%
SCADA II	728	771		1,498	115		115	15.8%	0.0%
Total WSIP	1,294,830	956,307	222,144	2,473,281	179,340	107,577	286,917	13.9%	11.2%
Advanced Meter	69,376			69,376	21,571		21,571	31.1%	0.0%
Total WSIPLA	1,364,206	956,307	222,144	2,542,657	200,910	107,577	308,487	14.7%	11.2%

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The following chart indicates quarterly apprentice utilization over the three years ended December 31, 2011 for Apprenticeable Trades, Laborers, and all Crafts combined.



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Employment of Low-Income Residents

As of Dec. 31, 2011, SFPUC and City staff had placed 191 low-income Apprentices and 82 low-income Journeymen on PLA-Covered Projects including the WSIP and the Advanced Meter Infrastructure Project. These 273 individuals represent 7.1% of the total hours worked and 5.0% of the wages earned by workers covered by the WSIPLA.

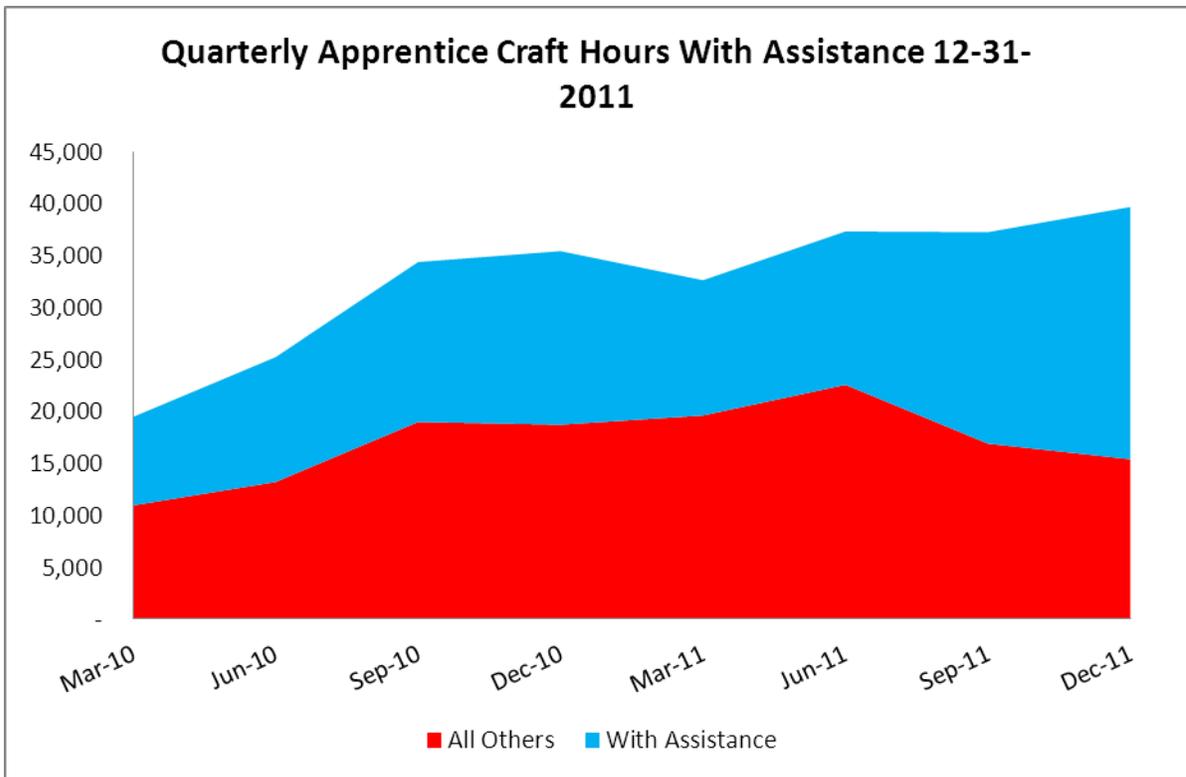
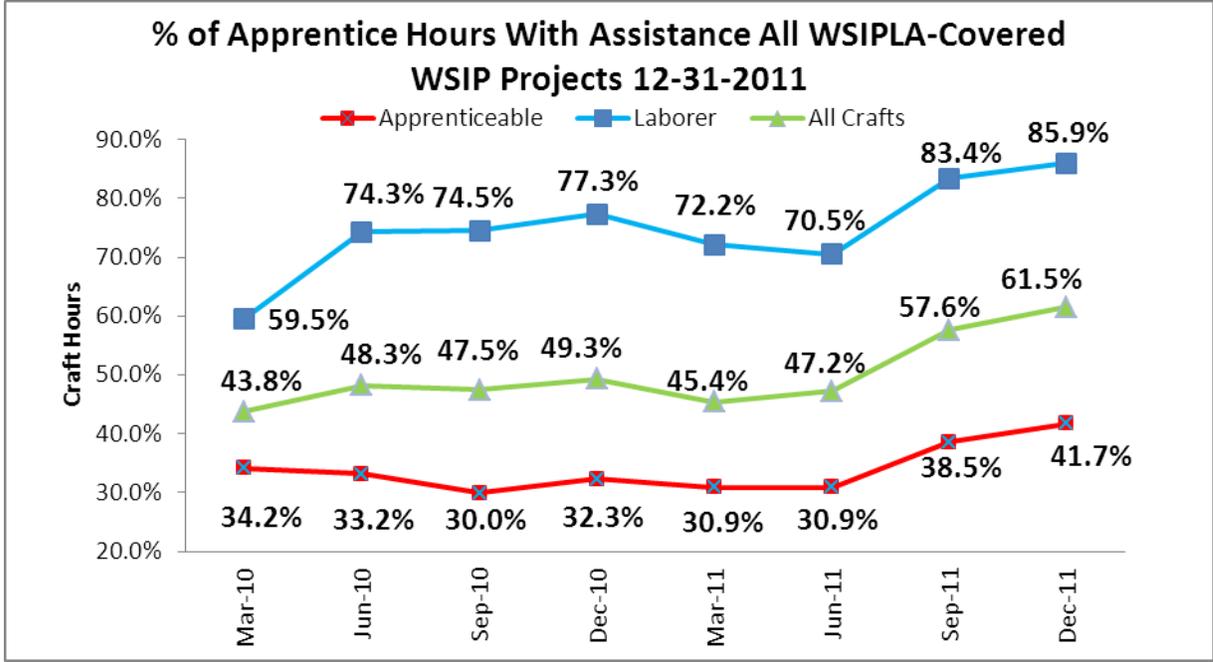
Water System Improvement Program Assisted Placement in PLA-Covered WSIP Projects and Advance Meter Infrastructure Project By Pre-Apprenticeship Training Program PLA Inception (Stanford Heights Reservoir) through Dec. 31, 2011						
Referring Agency	Workers	Hours	Wages	% Workers	% Hours	% Wages
<u>Pre-Apprenticeship Training</u>						
CityBuild Academy	34	20,346	\$ 488,970	4.53%	6.60%	6.24%
Cypress Mandela Training Center, Inc.	17	16,988	374,297	2.27%	5.51%	4.78%
Helmets to Hardhats	1	3,307	80,002	0.13%	1.07%	1.02%
Job Train's Project Build	24	25,789	554,324	3.20%	8.36%	7.08%
Northern California Construction and Training Inc.	1	1,253	22,752	0.13%	0.41%	0.29%
San Joaquin County Office of Ed. YouthBuild	9	9,158	189,047	1.20%	2.97%	2.41%
Total Pre-Apprenticeship Graduates	86	76,839	1,709,391	11.47%	24.91%	21.82%
<u>General Referral/Assistance</u>						
CityBuild	48	18,981	481,437	6.40%	6.15%	6.15%
SFPUC	57	45,800	1,130,972	7.60%	14.85%	14.44%
Total General Referral/Assistance	105	64,781	1,612,410	14.00%	21.00%	20.58%
Total Assisted Apprentice Placements	191	141,620	3,321,801	25.47%	45.91%	42.41%
Unassisted Apprentices	559	166,868	4,511,504	74.53%	54.09%	57.59%
Total Apprentices	750	308,487	7,833,305	100.00%	100.00%	100.00%
<u>Journeyman Assistance</u>						
CityBuild	63	28,894	1,118,328	1.19%	1.29%	1.30%
Job Train's Project Build	4	1,502	43,943	0.08%	0.07%	0.05%
San Joaquin County Office of Ed. YouthBuild	1	262	6,018	0.02%	0.01%	0.01%
SFPUC	14	6,979	243,299	0.26%	0.31%	0.28%
Total Assisted Journeyman Placements	82	37,636	1,411,588	1.55%	1.68%	1.64%
Unassisted Journeymen	5225	2,196,534	84,619,226	98.45%	98.32%	98.36%
Total Journeymen	5307	2,234,170	86,030,814	100.00%	100.00%	100.00%
<u>Total Workforce</u>						
<u>Pre-Apprenticeship Training</u>						
CityBuild Academy	34	20,346	488,970	0.56%	0.80%	0.52%
Cypress Mandela Training Center, Inc.	17	16,988	374,297	0.28%	0.67%	0.40%
Helmets to Hardhats	1	3,307	80,002	0.02%	0.13%	0.09%
Job Train's Project Build	24	25,789	554,324	0.40%	1.01%	0.59%
Northern California Construction and Training Inc.	1	1,253	22,752	0.02%	0.05%	0.02%
San Joaquin County Office of Ed. YouthBuild	9	9,158	189,047	0.15%	0.36%	0.20%
Total Pre-Apprenticeship Graduates	86	76,839	1,709,391	1.42%	3.02%	1.82%
<u>General Referral/Assistance</u>						
CityBuild	111	47,875	1,599,765	1.83%	1.88%	1.70%
Job Train's Project Build	4	1,502	43,943	0.07%	0.06%	0.05%
San Joaquin County Office of Ed. YouthBuild	1	262	6,018	0.02%	0.01%	0.01%
SFPUC	71	52,779	1,374,271	1.17%	2.08%	1.46%
Total General Referral/Assistance	187	102,416	3,023,998	1.19%	2.09%	1.47%
Total Assisted Placements	273	179,256	4,733,389	4.51%	7.05%	5.04%
All Others	5784	2,363,401	89,130,730	95.49%	92.95%	94.96%
Total Workforce	6057	2,542,657	\$93,864,119	100.00%	100.00%	100.00%

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San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Assisted Employment by Project WSIPLA Inception through Dec. 31, 2011									
Project	Project Total Craft Hours			Assisted Craft Hours			% Assisted		
	Apprentice	Journey	Total	Apprentice	Journey	Total	Apprentice	Journey	Total
Sunol Valley WTP	28,399	184,005	212,403	12,588	591	13,178	44.3%	0.3%	6.2%
BDPL 5 - Peninsula	21,799	190,424	212,223	16,893	1,101	17,993	77.5%	0.6%	8.5%
BDPL 5 - East Bay	19,548	184,012	203,560	9,451	1,019	10,470	48.3%	0.6%	5.1%
University Mound Reservoir	30,350	156,680	187,030	14,777	7,924	22,700	48.7%	5.1%	12.1%
New Irvington Tunnel	13,618	160,224	173,841	8,973	3,044	12,016	65.9%	1.9%	6.9%
Tesla Treatment Facility	26,496	112,307	138,802	2,743		2,743	10.4%	0.0%	2.0%
Alameda Siphon No. 4	20,280	105,389	125,669	16,231	54	16,285	80.0%	0.1%	13.0%
New Crystal Springs Bypass Tunnel	17,612	100,248	117,860	112	236	348	0.6%	0.2%	0.3%
Bay Tunnel	8,334	90,753	99,087	6,615		6,615	79.4%	0.0%	6.7%
Lower Crystal Springs Dam	7,332	77,253	84,585	5,749	502	6,251	78.4%	0.6%	7.4%
Crystal Springs / San Andreas	7,505	76,267	83,771	4,170	579	4,749	55.6%	0.8%	5.7%
San Andreas Pipeline No.3	9,311	73,764	83,075	7,673	458	8,130	82.4%	0.6%	9.8%
San Joaquin Crossovers	8,903	69,965	78,868	3,036	262	3,297	34.1%	0.4%	4.2%
Stanford Heights Reservoir	9,891	64,393	74,284	1,336	981	2,317	13.5%	1.5%	3.1%
Lake Merced Pump Station	9,491	64,688	74,178	3,508	7,126	10,634	37.0%	11.0%	14.3%
Alemanya Pump Station	7,544	66,120	73,664	2,671	530	3,201	35.4%	0.8%	4.3%
Advanced Meter Infrastructure	21,571	47,806	69,376	2,683	10,574	13,257	12.4%	22.1%	19.1%
San Joaquin Pipeline West	4,608	51,572	56,180	3,374	86	3,460	73.2%	0.2%	6.2%
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	40,065	47,357	1,458	1,242	2,700	20.0%	3.1%	5.7%
Harry Tracy WTP Short Term	2,089	40,961	43,049	1,329	183	1,512	63.6%	0.4%	3.5%
Crystal Springs Pipe # 2	3,241	38,671	41,912	2,540	890	3,430	78.4%	2.3%	8.2%
Harry Tracy WTP Long Term	4,702	33,478	38,180	2,829		2,829	60.2%	0.0%	7.4%
Forest Knolls Pump Station	2,907	23,534	26,441	1,888		1,888	64.9%	0.0%	7.1%
Noe Valley Transmission Main	1,133	21,378	22,511	981		981	86.6%	0.0%	4.4%
BDPL Nos. 3&4 Crossover	1,962	18,441	20,403	406	30	436	20.7%	0.2%	2.1%
Baden and San Pedro Valve Lot	2,737	17,181	19,917	2,057	82	2,139	75.2%	0.5%	10.7%
Calaveras Dam	998	18,062	19,060	595		595	59.6%	0.0%	3.1%
San Antonio Pump Station	1,798	13,119	14,916	931		931	51.8%	0.0%	6.2%
Harding Park	961	13,033	13,994	824	8	832	85.8%	0.1%	5.9%
Roselle Crossovers	1,943	10,917	12,859	256	32	288	13.2%	0.3%	2.2%
Standby Power Facilities	626	10,649	11,275			-	0.0%	0.0%	0.0%
San Joaquin Pipeline East	402	7,160	7,562	402		402	100.0%	0.0%	5.3%
SCADA System Phase II	115	1,383	1,498			-	0.0%	0.0%	0.0%
Total WSIPLA	308,487	2,234,170	2,542,657	141,620	37,636	179,256	45.91%	1.68%	7.05%

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The following charts summarize the employment on all WSIPLA-Covered Projects (WSIP and AMI) of Apprentices hired with the assistance of WSIPLA staff for the eight quarters ended Dec. 31, 2011.



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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 Dec. 31, 2011, 6,774 pre-employment tests had been administered to people who were cleared to work. 94 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 Dec. 31, 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 Dec. 31, 2011		
Project	Number Cleared	
Advanced Meter Infrastructure	111	
Alameda Siphon #4	229	
Alemanya Pump Station Upgrade	375	
Baden & San Pedro Valve Lot Improvements	86	
Bay Division 3 & 4 Crossover Facilities	129	
Bay Division Pipeline #5 - East Bay Reaches	498	
Bay Division Reliability Upgrade Pipeline #5	276	
Bay Tunnel Project	286	
Calaveras Dam Replacement	172	
Crystal Springs Pipeline No. 2 Replacement Project	55	
Crystal Springs San Andreas Transmission Upgrade	489	
Forest Knolls Pump Station Project	115	
Harding Park Recycled Water Project	7	
Harry Tracy Water Treatment Plant Long Term	335	
Harry Tracy Water Treatment Project	93	
Lake Merced Pump Station	433	
Lower Crystal Springs Dam Impr	123	
New Crystal Springs Bypass Tunnel	212	
New Irvington Tunnel	372	
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	178	
San Antonio Pump Station Upgrade	70	
San Joaquin Pipeline Crossovers	188	
San Joaquin Pipeline System-Eastern Segment	60	
San Joaquin Pipeline System-Western Segment	157	
Scada System Phase II	28	
SF PUC - PNC Participants	1	
Standby Power	30	
Stanford Heights Reservoir Project	199	
Sunol Valley Water Treatment Plant	458	
Tesla Treatment Facility Project	361	
University Mound Reservoir North Basin Seismic	319	
Total Cleared	6774	
Positive Pre-Employment Tests Through Dec. 31, 2011		
Banned Substance	% Positive	# Positive
Alcohol	0.09%	6
Amphetamines	0.20%	14
Amphetamines/Dilute	0.03%	2
Benzodiazepines	0.03%	2
Cocaine	0.16%	11
Marijuana	0.55%	38
Marijuana Amphetamines	0.01%	1
Methadone	0.01%	1
Opiates	0.04%	3
Opiates/Alcohol	0.01%	1
Phencyclidine	0.01%	1
Refused	0.20%	14
Total Positive	1.37%	94

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**WSIP Craft Hour Estimate**

The WSIP Craft Hour Estimate is based on estimated construction spending as of Dec. 31, 2012. The WSIP program is expected to require a total of 8,792,187 craft hours, including 4,695,045 craft hours in twelve areas of construction activity in six Bay Area Counties from January 1, 2012 through completion in 2016.

San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement WSIP Craft Hour Forecast as of Dec. 31, 2011							
Craft Area	San		San	San Mateo	Santa Clara	Stanislaus	Total
	Alameda	Francisco	Joaquin				
Carpentry	101,374	40,032	1,955	109,236	1,712	8,579	262,886
Concrete	462,111	181,630	6,983	332,215	5,212	10,213	998,363
Electrical	78,925	145,545	9,132	166,448	6,952	16,421	423,423
Heavy Equipment Operation	518,959	380,437	4,377	177,714	5,949	67,220	1,154,656
Masonry	26,772	70,101	4,693	22,033	3,200	-	126,798
Mechanical	239,400	129,354	7,305	170,725	7,970	67,777	622,532
Painting	41,314	67,801	4,539	9,106	3,973	19,915	146,647
Roofing	29,642	35,331	2,365	1,750	1,613	-	70,701
Sheet Metal	7,905	35,331	2,365	1,000	1,613	-	48,213
Structural Steel	66,932	102,547	6,110	39,725	4,561	8,936	228,810
Trucking & Hauling	224,421	79,760	2,528	24,041	2,702	22,186	355,638
Underground Tunnel Work	256,261	-	-	117	-	-	256,378
	2,054,016	1,267,868	52,351	1,054,108	45,456	221,246	4,695,045

San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement WSIP Craft Hour Forecast as of Dec. 31, 2011						
County	2012	2013	2014	2015	2016	Total WSIP
Alameda	908,658	750,468	251,843	120,513	22,533	2,054,016
San Francisco	119,630	188,792	518,295	422,422	18,730	1,267,868
San Joaquin	52,351	-	-	-	-	52,351
San Mateo	549,703	347,821	138,249	18,336	-	1,054,108
Santa Clara	24,035	14,281	7,140	-	-	45,456
Stanislaus	196,246	24,999	-	-	-	221,246
Grand Total	1,850,623	1,326,361	915,527	561,271	41,263	4,695,045

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San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement WSIP Craft Hour Forecast as of Dec. 31, 2011						
	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>Total WSIP</u>
Carpentry	104,757	90,040	46,419	20,098	1,573	262,886
Concrete	427,652	311,339	175,593	80,233	3,546	998,363
Electrical	141,513	109,123	101,389	66,449	4,949	423,423
Heavy Equipment Operation	404,024	338,426	267,077	136,738	8,392	1,154,656
Masonry	40,591	25,997	27,986	30,537	1,687	126,798
Mechanical	274,491	164,298	100,604	73,637	9,501	622,532
Painting	45,922	28,139	33,519	35,415	3,652	146,647
Roofing	11,504	28,476	14,481	15,391	850	70,701
Sheet Metal	11,171	6,445	14,356	15,391	850	48,213
Structural Steel	78,546	49,799	51,291	46,070	3,103	228,810
Trucking & Hauling	114,913	118,519	77,734	41,313	3,159	355,638
Underground Tunnel Work	195,540	55,760	5,079	-	-	256,378
<b>Grand Total</b>	<b>1,393,028</b>	<b>1,326,361</b>	<b>915,527</b>	<b>561,271</b>	<b>41,263</b>	<b>4,695,045</b>

### **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 ...”

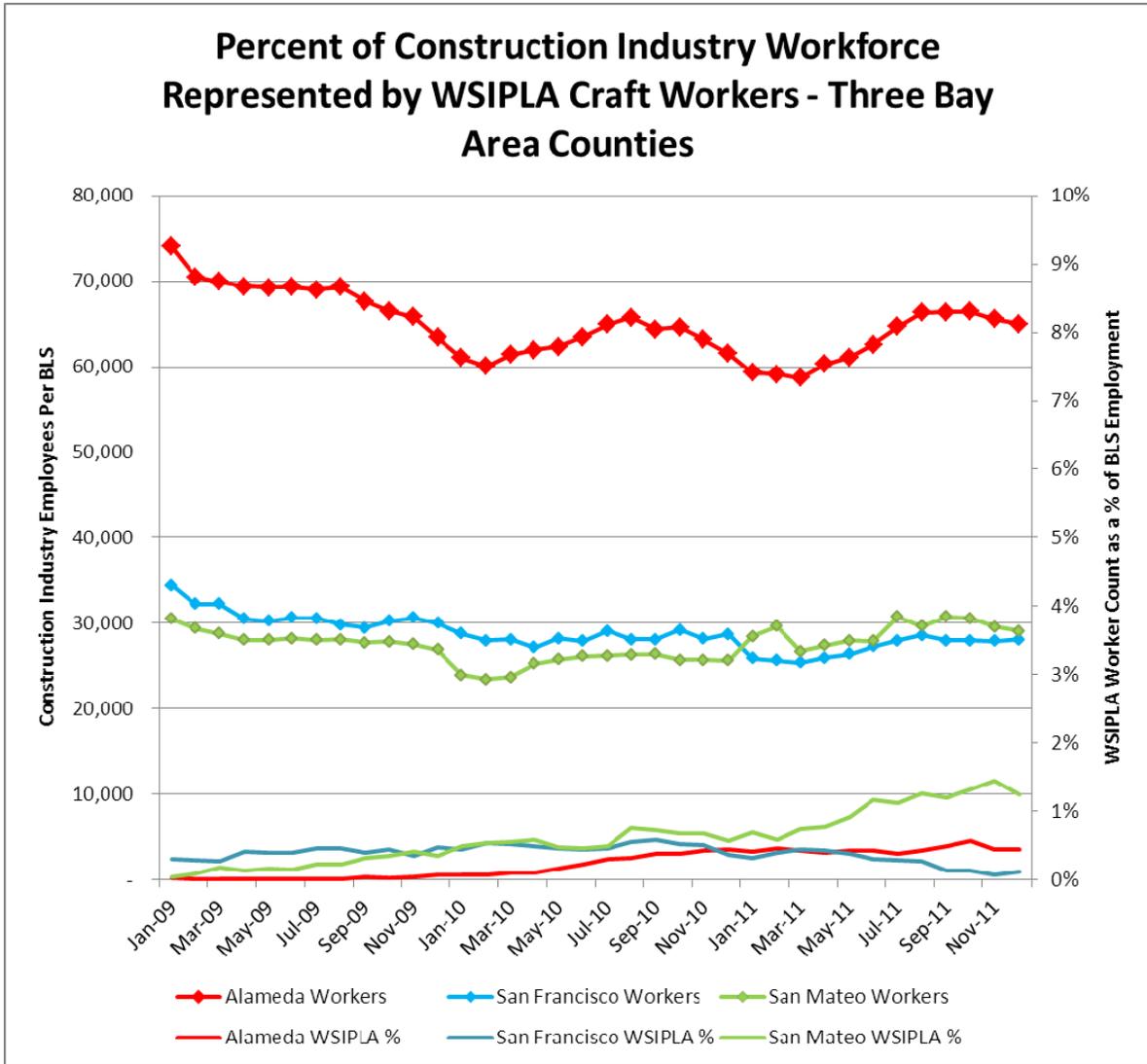
On March 26, 2007, the SFPUC approved the negotiated agreement, called the Water System Improvement Program Project Labor Agreement (the WSIPLA). The WSIPLA requires construction contractors to utilize workers dispatched by signatory unions, and prohibits the unions and contractors from participating 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.





HETCH HETCHY

WATER SYSTEM **IMPROVEMENT** PROGRAM

# **Water System Improvement Program Project Labor Agreement**

## **Quarterly Report Quarter Ended March 31, 2012 (Third 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 provide employment for construction workers employed by union-signatory and non-union construction contractors. Thirty-seven WSIP contracts awarded subject to the WSIPLA in the amount of \$1.744 Billion through March 31, 2012 represent 77.0% of the total estimated construction contracts projected to be awarded subject to the WSIPLA.

#### Construction Activity Highlights – Program-to-Date

##### Contracting:

- Thirty-seven construction contracts with a value of \$1.744 Billion have been awarded subject to the WSIPLA.
- The total of the range of the advertised construction cost estimates for the thirty-seven contracts awarded subject to the WSIPLA was \$1.986 Billion at the low end to \$2.232 Billion at the high end. The \$1.743 Billion awarded is 87.8% of the low end of the engineer's estimate.
- 9.3% of the \$1.744 Billion awarded or \$162.7 Million was awarded to Certified LBE Contractors. Each award met or exceeded the LBE subcontracting goal established by the San Francisco Human Rights Commission.
- Five Certified LBE Prime Contractors were awarded \$32.1 Million, representing 2.2% of the \$1.451 Billion awarded to Prime Contractors.
- 110 LBE-Certified Sub-Contractors were awarded \$130.5 Million representing 44.6% of the \$293.0 Million awarded to Sub-Contractors.
- 76 San Francisco Certified LBE sub-contractors were awarded \$55.7 Million representing 19.0% of the \$293.0 Million awarded to Sub-Contractors.
- 34 SFPUC-Certified Regional Sub-Contractors were awarded \$74.8 Million representing 25.5% of the \$293.0 Million awarded to Sub-Contractors.

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Employment:

- Since inception of the WSIPLA 6,507 construction workers were employed for 2,852,038 hours on PLA-Covered WSIP projects, and earned wages of \$105,508,577.
- 552 San Francisco residents worked 218,925 hours on WSIPLA-Covered WSIP Projects and earned \$7,981,089, representing or 7.7% of covered hours and 105 full-time equivalent worker years.
- 2,777 residents of the Water Service Territory worked 1,244,200 hours on WSIPLA-Covered WSIP Projects and earned wages of \$45,340,279, representing 43.6% of covered hours and 598 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.
- 7,430 pre-employment substance abuse tests have been administered to employees cleared to work on WSIPLA-covered projects as of March 31, 2012, and 104 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 March 31, 2012

Contracting:

No construction contracts were awarded subject to the WSIPLA during the Quarter Ended March 31, 2012.

Employment:

- During the Quarter ended March 31, 2012, 1,657 construction workers were employed for 330,740 hours on PLA-Covered WSIP projects, and earned wages of \$12,704,741.
- During the Quarter ended March 31, 2012, 80 San Francisco residents worked 13,305 hours on PLA-Covered WSIP projects and earned wages of \$486,222.
- During the Quarter ended March 31, 2012, 672 residents of the Water Service Territory worked 144,967 hours on PLA-Covered WSIP projects and earned wages of \$5,490,058. 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 March 31, 2012, 656 negative pre-employment substance abuse tests were administered under the provisions of the WSIPLA Substance Abuse Policy and 10 individuals were prevented from working as the result of positive tests.

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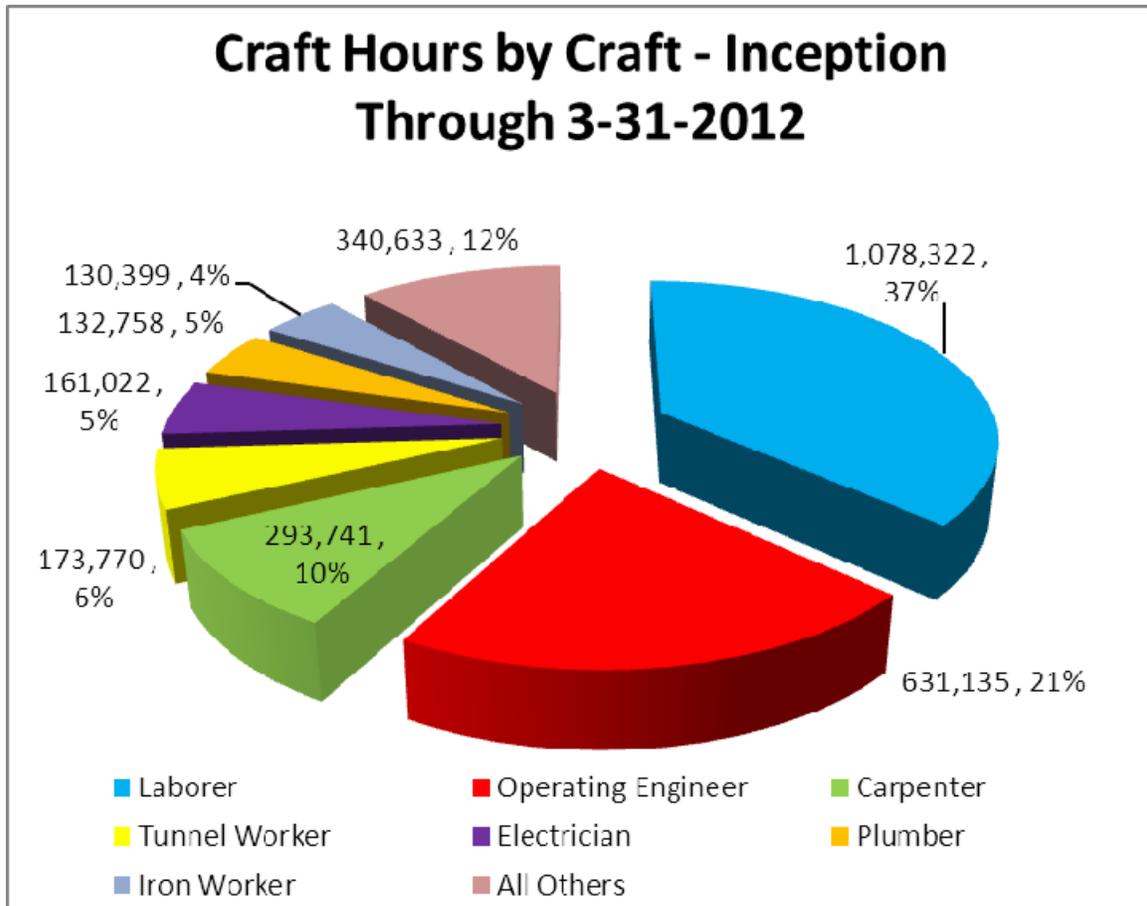
**Summary of Craft Worker Employment**

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 March 31, 2012 Employment Summary by Worker Residence and PLA Coverage									
Residence/ Project Type	Inception thru March 31, 2012				Three Months Ended March 31, 2012				
	Worker Count	FTE	Sum of Hours	Sum of Wages	Worker Count	FTE	Sum of Hours	Sum of Wages	
<b>All Workers</b>									
Advanced Meter Inf.	137	43	89,740	\$ 3,842,475	67	10	20,276	\$ 895,433	
WSIP with PLA	6,507	1,371	2,852,038	105,508,577	1,657	159	330,740	12,704,741	
WSIP without PLA	824	141	293,633	9,372,833	63	2	4,229	164,843	
Total	7,468	1,555	3,235,411	\$ 118,723,885	1,787	171	355,245	\$ 13,765,017	
<b>SF Residents</b>									
Advanced Meter Inf.	52	14	29,965	\$ 1,282,725	24	4	7,298	\$ 314,880	
WSIP with PLA	552	105	218,925	7,981,089	80	6	13,305	486,222	
WSIP without PLA	100	13	26,405	796,990	10	0	516	16,641	
Total	704	132	275,295	\$ 10,060,803	114	10	21,119	\$ 817,743	
<b>Svc. Territory Res.</b>									
Advanced Meter Inf.	54	19	40,034	\$ 1,633,978	21	3	5,979	\$ 241,371	
WSIP with PLA	2,777	598	1,244,200	45,340,279	672	70	144,967	5,490,058	
WSIP without PLA	299	39	80,606	2,580,112	17	1	1,114	55,006	
Total	3,130	656	1,364,839	\$ 49,554,369	710	73	152,059	\$ 5,786,435	
<b>Outside Residents</b>									
Advanced Meter Inf.	33	9	19,741	\$ 925,772	22	3	6,999	\$ 339,182	
WSIP with PLA	3,318	668	1,388,913	52,187,210	912	83	172,468	6,728,461	
WSIP without PLA	432	90	186,622	5,995,731	36	1	2,600	93,196	
Total	3,783	767	1,595,276	\$ 59,108,712	970	88	182,067	\$ 7,160,839	

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The following chart summarizes WSIPLA – Covered craft employment, including the WSIP and Advanced Meter Infrastructure Project, for crafts with at least 130,000 craft hours as of March 31, 2012. Carpenters, Laborers, and Operating Engineers combined represent 68.1% of total craft hours.



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**Summary of Contracts Awarded**

As of its last meeting in the Quarter ended March 31, 2012, the SFPUC had awarded thirty-seven WSIP construction contracts in the amount of \$1.744 Billion subject to the WSIPLA. The total of the ranges of the advertised engineer's estimates for these contracts was \$1.986 Billion at the low end to \$2.232 Billion at the high end. The \$1.744 Billion awarded is 87.8% 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-Seven Contracts Awarded Subject to the WSIPLA as of March 31, 2012			
<b><u>Prime Contractors</u></b>	<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	4	27,823,395	1.60%
Not Certified	20	1,418,599,641	81.35%
<b><u>Sub Contractors</u></b>			
PUC Certified	34	74,778,385	4.29%
San Francisco Certified	76	55,732,547	3.20%
Not Certified	104	162,470,275	9.32%
	239	\$ 1,743,724,979	100.00%

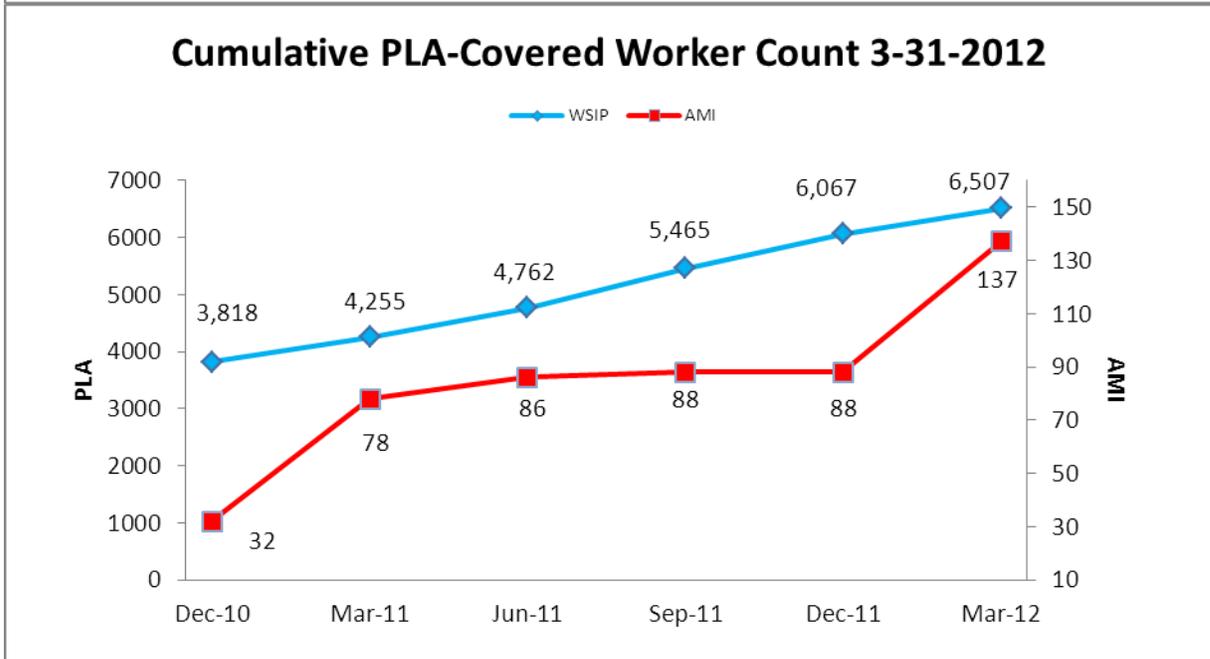
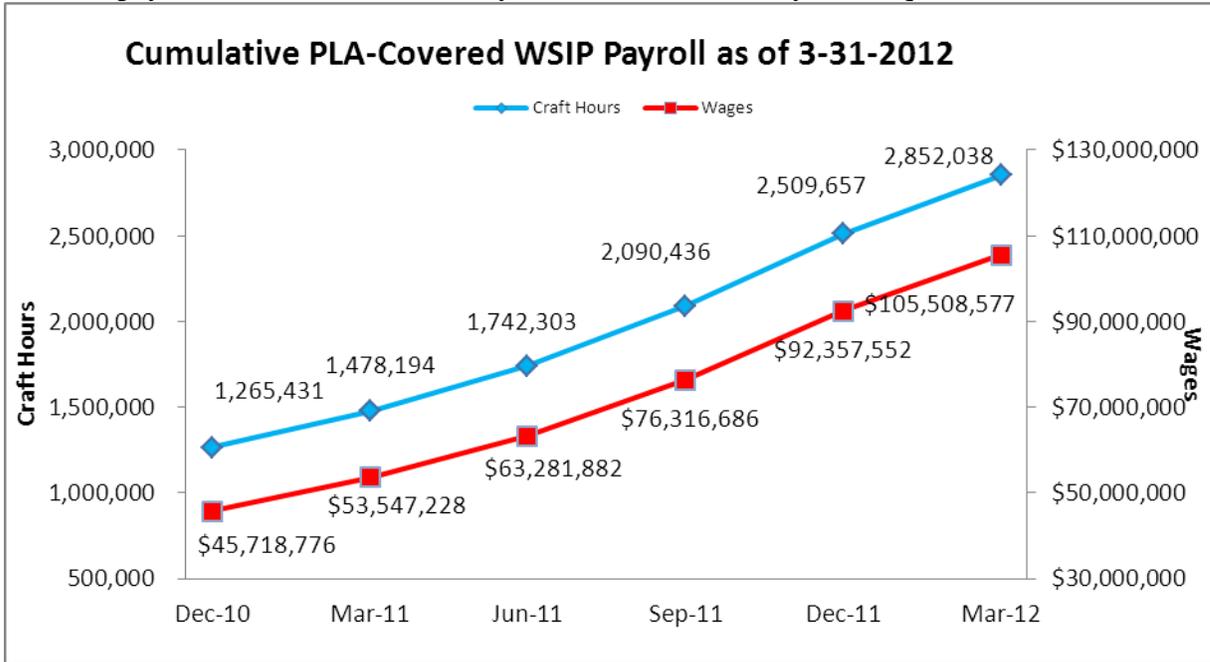
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San Francisco Public Utilities Commission Construction Contracts Awarded Subject to the WSIPLA through March 31, 2012				
<u>Contract No.</u>	<u>Prime Contractor</u>	<u>Project</u>	<u>Engineer's Estimate</u>	<u>Award</u>
WD-2504	S.J. Amoroso Construction 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	\$15 to \$18 Million	13,529,370
DB-116	PCL Civil Constructors Inc.	Tesla Treatment Facility, a Design-Build Agreement	\$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. Inc,	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 Venture	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 (SVWTP)	\$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 Improv	\$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 Constmction,	San Joaquin Pipeline System - Eastern Segment	\$52 to \$57 Million	45,329,416
WD-2652	Gordon N. Ball, Inc	Bioregional Habitat Restoration, San Antonio Creek	\$13 Million	12,947,400
HH-953	Azul Works, Inc.	Tesla Portal Protection	\$2.4 Million	2,760,000
WD-2600	Road Runner Drilling and Pump	Regional Groundwater Storage and Recovery	\$3.6 to \$4.2 Million	2,998,685
WD-2665	Steve P. Rados	Cordilleras Micro Tunnel	\$5.8 Million	5,251,100
Total Thirty-Seven Contracts				<u>\$ 1,743,724,979</u>

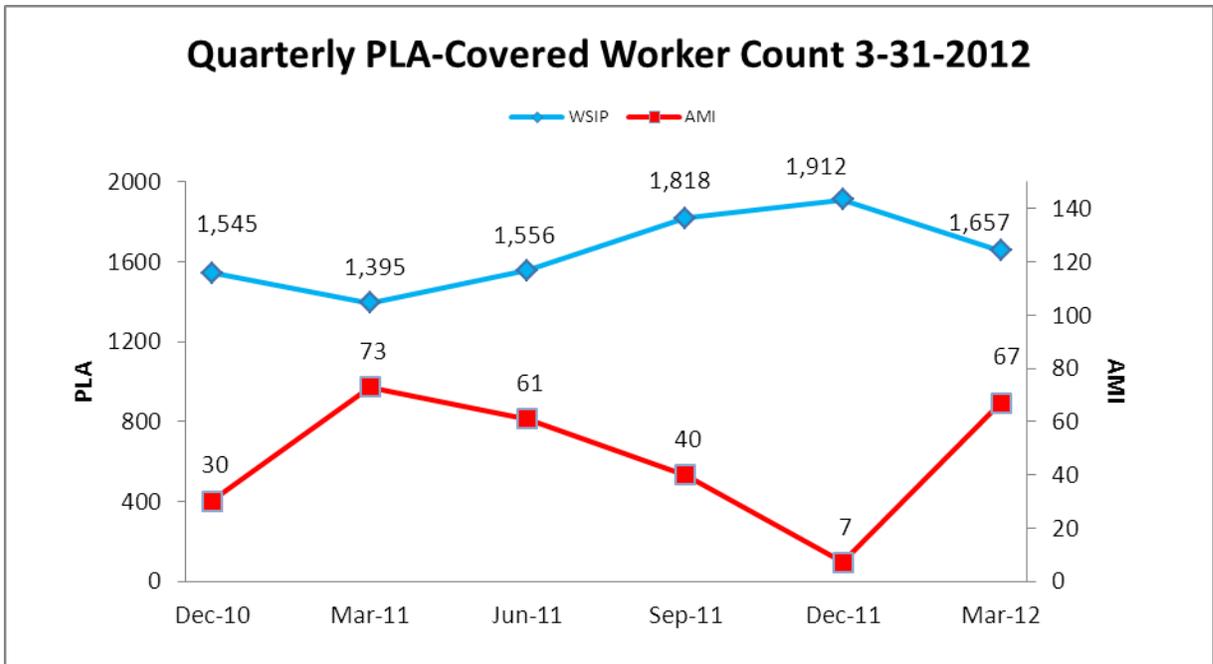
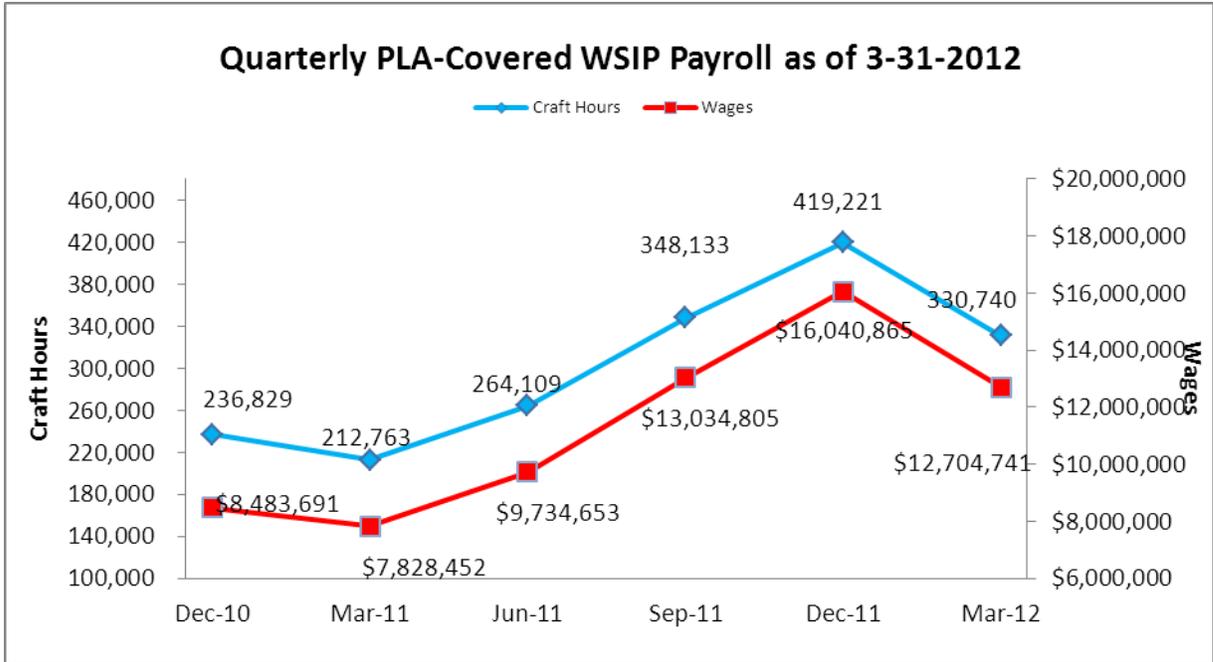
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**Craft Worker Employment on the WSIPLA**

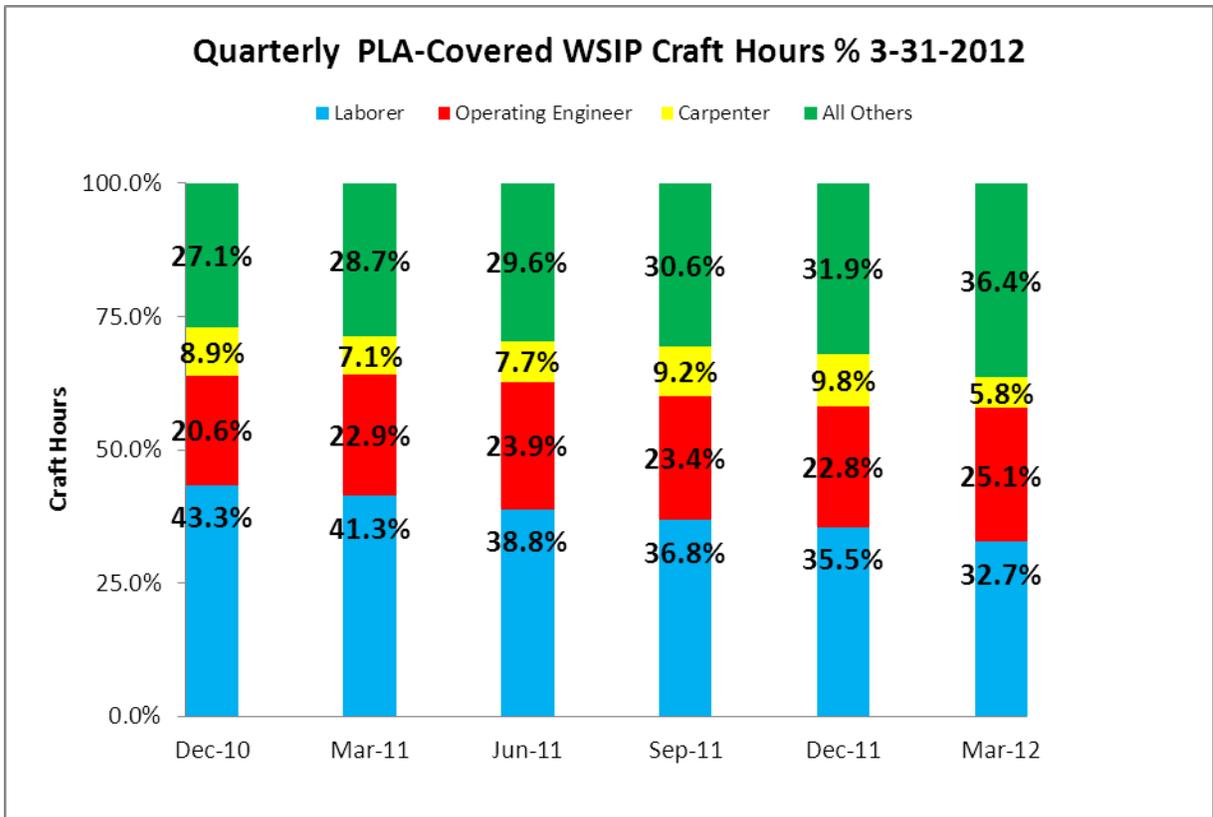
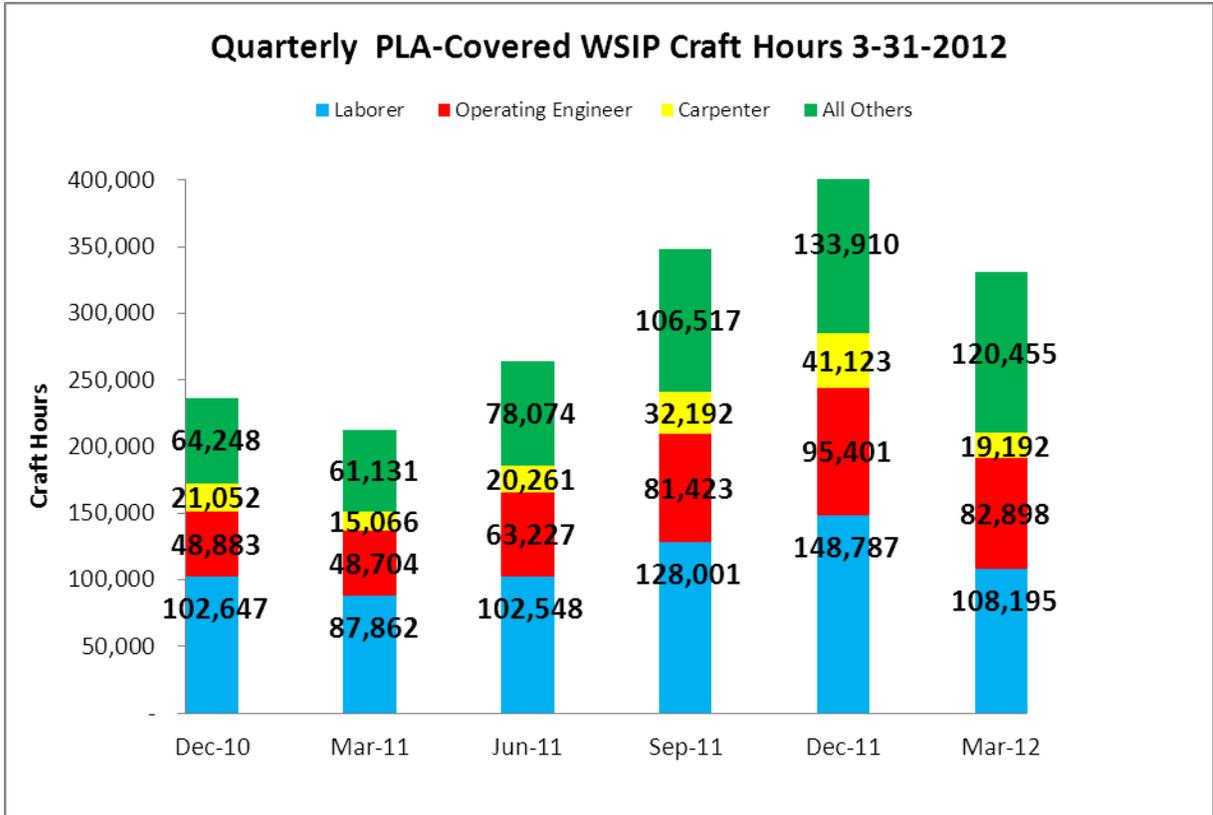
The following charts summarize craft worker employment under the WSIPLA for the last six quarters. The first and second tables are cumulative balances at the end of each quarter, and the third and fourth tables represent employment during each quarter. The fifth and sixth tables represent quarterly participation 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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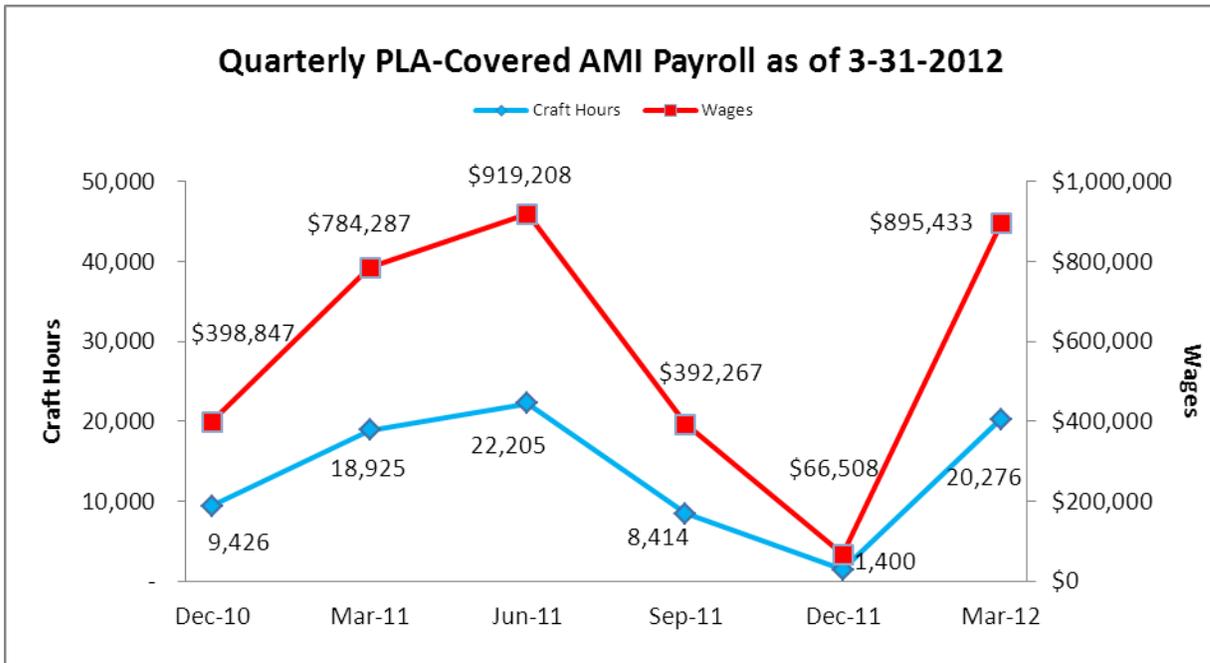
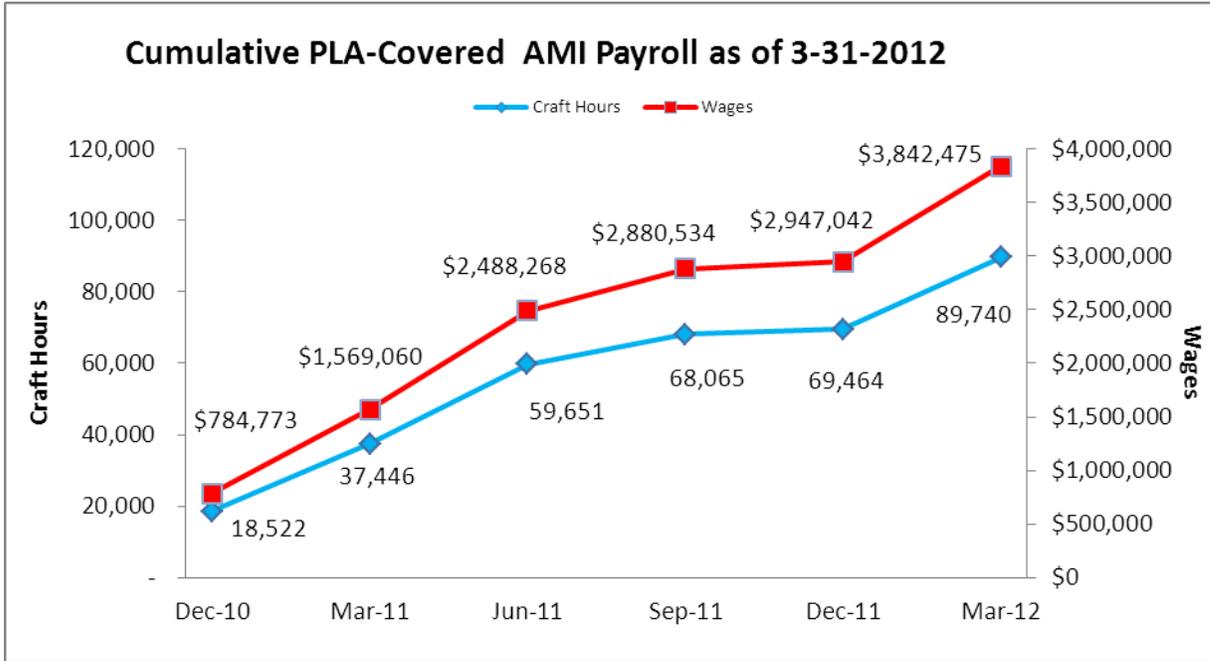


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Work commenced on contract CS-936 Advanced Meter Infrastructure during the Quarter ended June 30, 2010 to replace all water meters in San Francisco. This work is covered by the WSIPLA, funding is provided by the SFPUC operating budget, and has been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



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**Craft Utilization on the WSIPLA**

As of March 31, 2012, contractors had reported craft hours in 50 craft-worker classifications which the SFPUC summarizes into 25 craft areas reflecting all PLA-Covered work through March 31, 2012. 70.2% 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 March 31, 2012, 89,740 Plumber hours had been reported on the AMI representing \$3,842,475 in covered wages.

San Francisco Public Utilities Commission WSIP - Project Labor Agreement Covered Employment by Craft Inception Through March 31, 2012								
Craft	Craft Hours			Wages	% Craft Hours		% Wages	FTE's
	AMI	WSIP	Total PLA	Total PLA	AMI	WSIP	Total PLA	
LABORER		1,078,322	1,078,322	\$ 32,190,591		37.8%	29.4%	518.4
OPERATING ENGINEER		631,135	631,135	24,711,960		22.1%	22.6%	303.4
CARPENTER		293,741	293,741	11,743,103		10.3%	10.7%	141.2
TUNNEL WORKER		173,770	173,770	6,975,854		6.1%	6.4%	83.5
ELECTRICIAN		161,022	161,022	7,789,510		5.6%	7.1%	77.4
PLUMBER	89,740	43,018	132,758	5,951,582	100.0%	1.5%	5.4%	63.8
IRON WORKER		130,399	130,399	4,439,140		4.6%	4.1%	62.7
TEAMSTER		103,136	103,136	5,863,600		3.6%	5.4%	49.6
BOILERMAKER		64,509	64,509	2,912,338		2.3%	2.7%	31.0
CEMENT MASON		39,644	39,644	1,380,721		1.4%	1.3%	19.1
PILE DRIVER		36,940	36,940	1,907,826		1.3%	1.7%	17.8
PAINTER		36,123	36,123	1,302,023		1.3%	1.2%	17.4
ROOFER		30,944	30,944	1,041,585		1.1%	1.0%	14.9
FIELD SURVEYOR		7,462	7,462	310,234		0.3%	0.3%	3.6
SHEET METAL WORKER		6,941	6,941	298,161		0.2%	0.3%	3.3
ASBESTOS WORKER		5,835	5,835	158,837		0.2%	0.1%	2.8
BRICKLAYER		3,703	3,703	141,985		0.1%	0.1%	1.8
ELECTRICAL UTILITY LINEMAN		2,120	2,120	115,752		0.1%	0.1%	1.0
TELECOM TECHNICIAN		1,160	1,160	37,245		0.0%	0.0%	0.6
GLAZIER		884	884	40,843		0.0%	0.0%	0.4
PLASTERER		762	762	25,173		0.0%	0.0%	0.4
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		115	115	4,277		0.0%	0.0%	0.1
TERRAZZO WORKER		31	31	1,286		0.0%	0.0%	0.0
	89,740	2,852,038	2,941,778	\$ 109,351,052	100%	100%	100%	1,414

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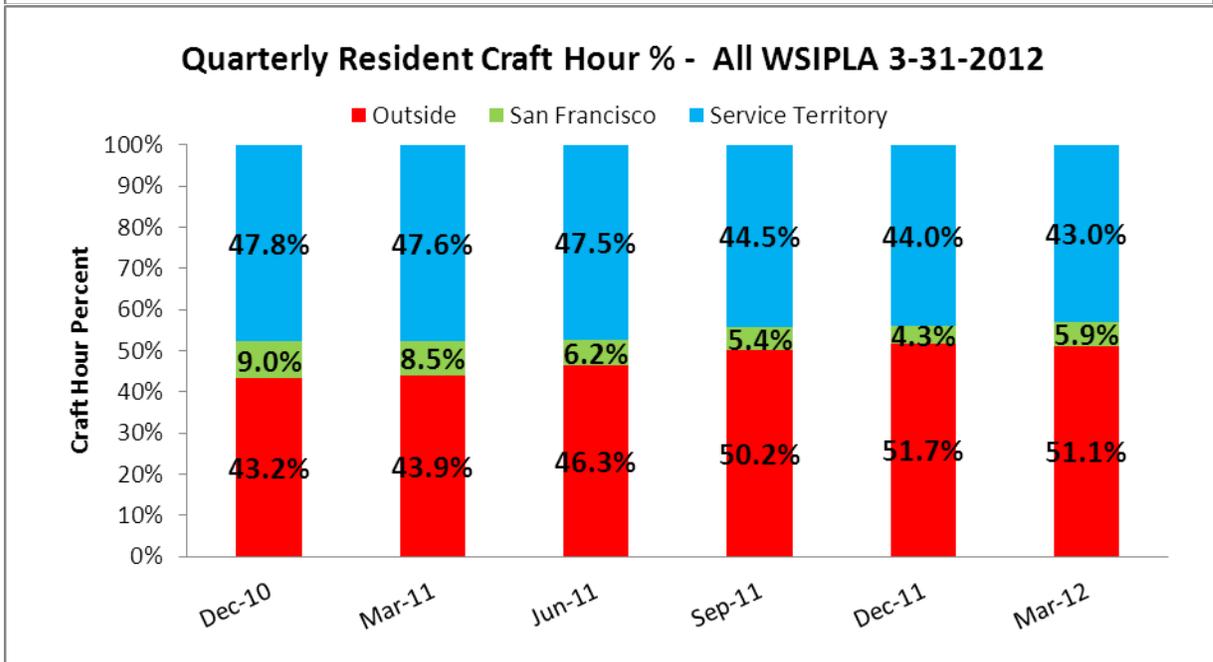
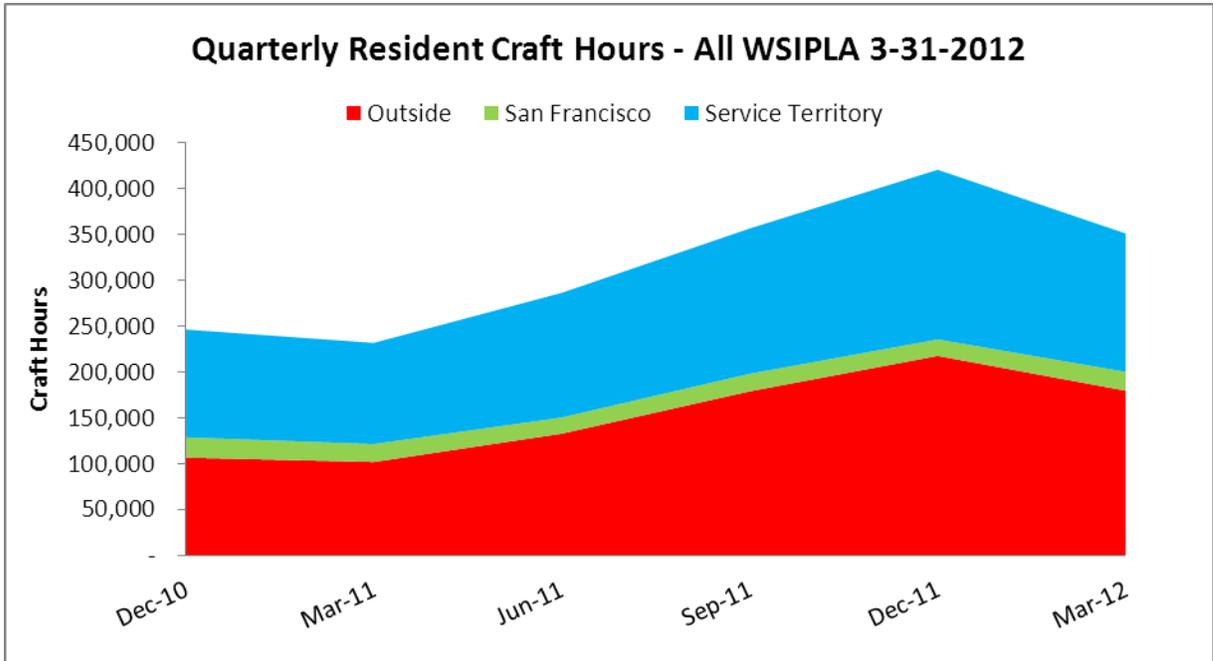
San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Craft Employment Summary for the Quarter Ended March 30, 2012 Employment Summary - Cumulative and Last Six Quarters							
	Cumulative thru March 2012	QE 12-31-10	QE 3-31-11	QE 6-30-11	QE 9-30-11	QE 12-31-11	QE 3-31-12
<u>Craft Worker Earnings</u>							
LABORER	\$ 32,190,591	\$3,093,041	\$2,674,631	\$ 3,097,885	\$ 3,847,992	\$ 4,448,075	\$ 3,200,573
OPERATING ENGINEER	24,711,960	1,859,211	1,863,953	2,480,039	3,200,937	3,806,764	3,325,745
CARPENTER	11,743,103	863,916	605,962	822,137	1,314,162	1,720,678	784,363
ELECTRICIAN	7,789,510	623,209	716,541	738,656	732,547	850,409	998,040
TUNNEL WORKER	6,975,854	83,713	82,934	535,894	1,078,623	1,826,051	1,901,685
PLUMBER	5,951,582	536,790	898,068	1,133,764	675,884	407,301	1,266,813
TEAMSTER	5,863,600	613,682	434,561	416,759	806,285	754,035	493,486
IRON WORKER	4,439,140	369,603	554,124	294,044	471,137	462,103	272,681
BOILERMAKER	2,912,338	277,132	279,293	403,245	500,274	463,990	377,321
PILE DRIVER	1,907,826		65,939	112,786	325,164	571,310	490,333
CEMENT MASON	1,380,721	139,837	84,973	87,201	157,268	278,221	137,057
PAINTER	1,302,023	139,056	145,848	71,568	147,486	248,376	167,766
ROOFER	1,041,585	150,534	81,210	352,741	47,892	46,279	37,029
FIELD SURVEYOR	310,234	16,892	31,473	33,215	64,312	52,145	58,891
SHEET METAL WORKER	298,161	39,952	18,838	14,152	15,161	32,768	25,226
ASBESTOS WORKER	158,837	7,080	10,692	33,881	23,904	57,838	13,794
BRICKLAYER	141,985	27,460	17,701	21,552	2,831	15,756	8,504
ELECTRICAL UTILITY LINEMAN	115,752	2,282	8,104		14,501	60,327	27,430
GLAZIER	40,843	5,367	1,340	670	712	4,833	12,152
TELECOMMUNICATIONS TECH	37,245	12,552	21,964	2,730			
PLASTERER	25,173	14,325	10,020	827			
SLURRY SEAL WORKER	4,644	4,644					
TILE SETTER	4,277	1,481	2,565	116		116	
TILE FINISHER	2,783	780	2,003				
TERRAZZO WORKER	1,286						1,286
	\$109,351,052	\$8,882,538	\$8,612,739	\$10,653,861	\$13,427,071	\$16,107,373	\$13,600,175
<u>Craft Hours Worked</u>							
LABORER	1,078,322	102,647	87,862	102,548	128,001	148,787	108,195
OPERATING ENGINEER	631,135	48,883	48,704	63,227	81,423	95,401	82,898
CARPENTER	293,741	21,052	15,066	20,261	32,192	41,123	19,192
TUNNEL WORKER	173,770	2,420	2,308	14,115	27,179	42,743	45,165
ELECTRICIAN	161,022	14,782	15,457	14,815	14,592	17,090	19,249
PLUMBER	132,758	12,796	21,055	26,750	13,764	7,656	27,045
IRON WORKER	130,399	10,824	15,574	8,667	14,150	12,767	7,526
TEAMSTER	103,136	10,352	7,013	7,469	14,011	13,536	9,458
BOILERMAKER	64,509	5,888	6,141	8,904	11,382	10,368	8,452
CEMENT MASON	39,644	4,166	2,308	2,458	4,409	7,738	3,919
PILE DRIVER	36,940		996	2,613	6,619	9,793	10,251
PAINTER	36,123	3,929	3,553	1,794	4,110	7,086	4,997
ROOFER	30,944	4,835	2,092	9,683	1,513	1,328	1,075
FIELD SURVEYOR	7,462	517	827	637	1,489	1,243	1,478
SHEET METAL WORKER	6,941	967	403	330	377	735	582
ASBESTOS WORKER	5,835	224	502	1,451	971	1,677	480
BRICKLAYER	3,703	734	477	487	90	336	213
ELECTRICAL UTILITY LINEMAN	2,120	38	159		259	1,103	500
TELECOMMUNICATIONS TECH	1,160	403	693	64			
GLAZIER	884	96	32	16	17	113	311
PLASTERER	762	435	304	24			
SLURRY SEAL WORKER	199	199					
TILE FINISHER	128	35	93				
TILE SETTER	115	37	72	3		3	
TERRAZZO WORKER	31						31
	2,941,778	246,255	231,688	286,313	356,546	420,620	351,016

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**Worker Residence on the WSIPLA**

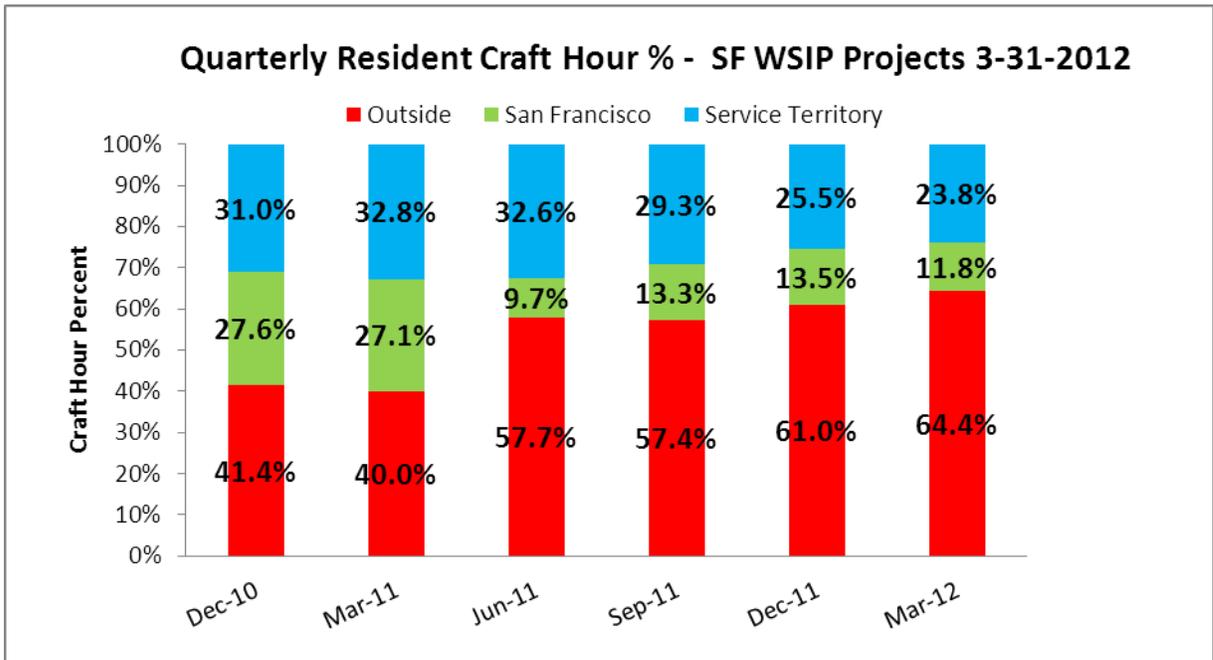
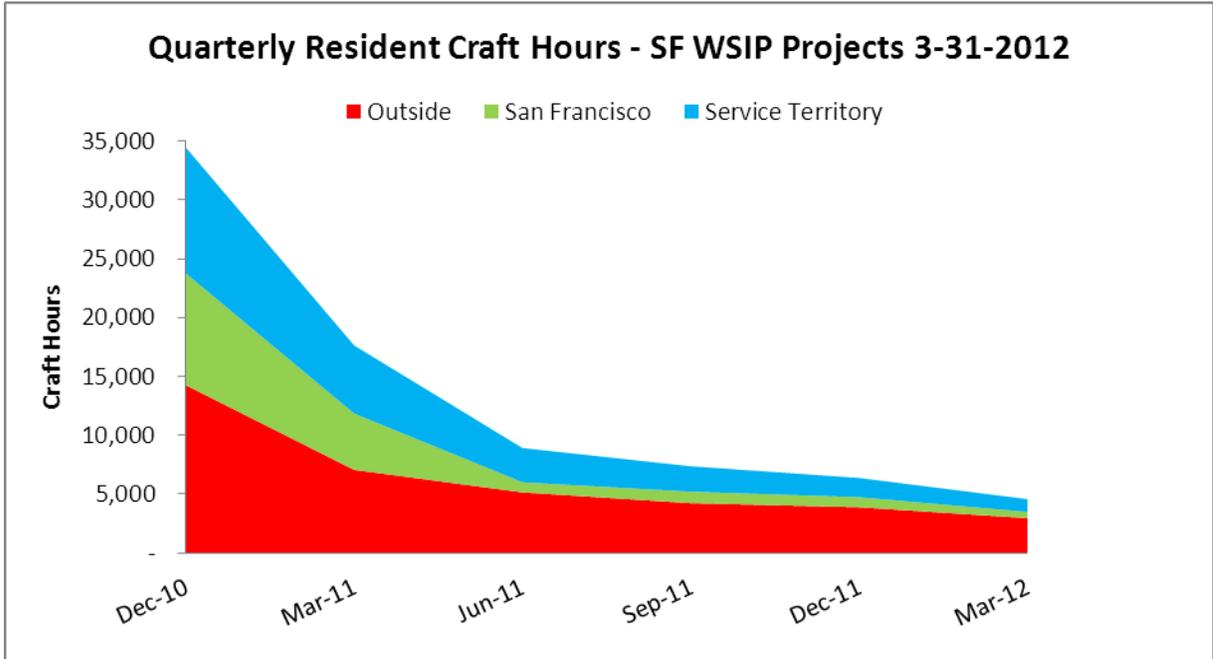
The following charts and tables summarize PLA-Covered craft hours recorded in the Elations Certified Payroll System through March 31, 2012. The Service Territory is defined as zip codes outside San Francisco within which the SFPUC wholesale water customers deliver water, plus zip codes impacted by WSIP construction.

All WSIPLA- Covered Projects



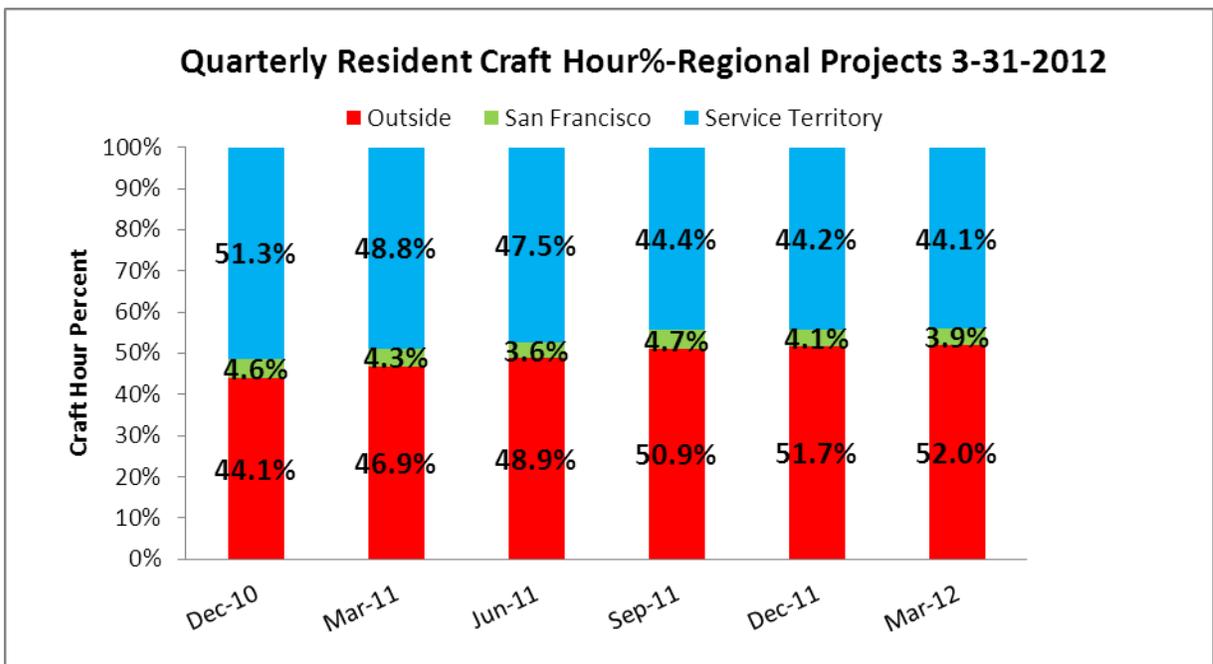
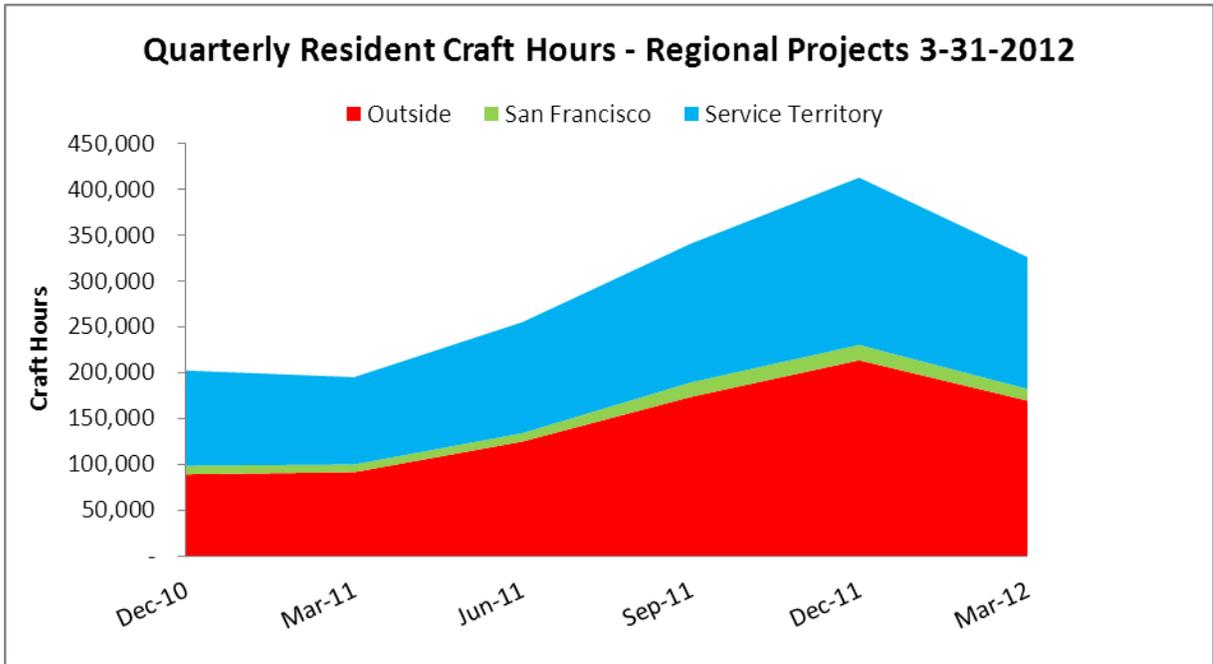
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SF Local WSIP Projects:



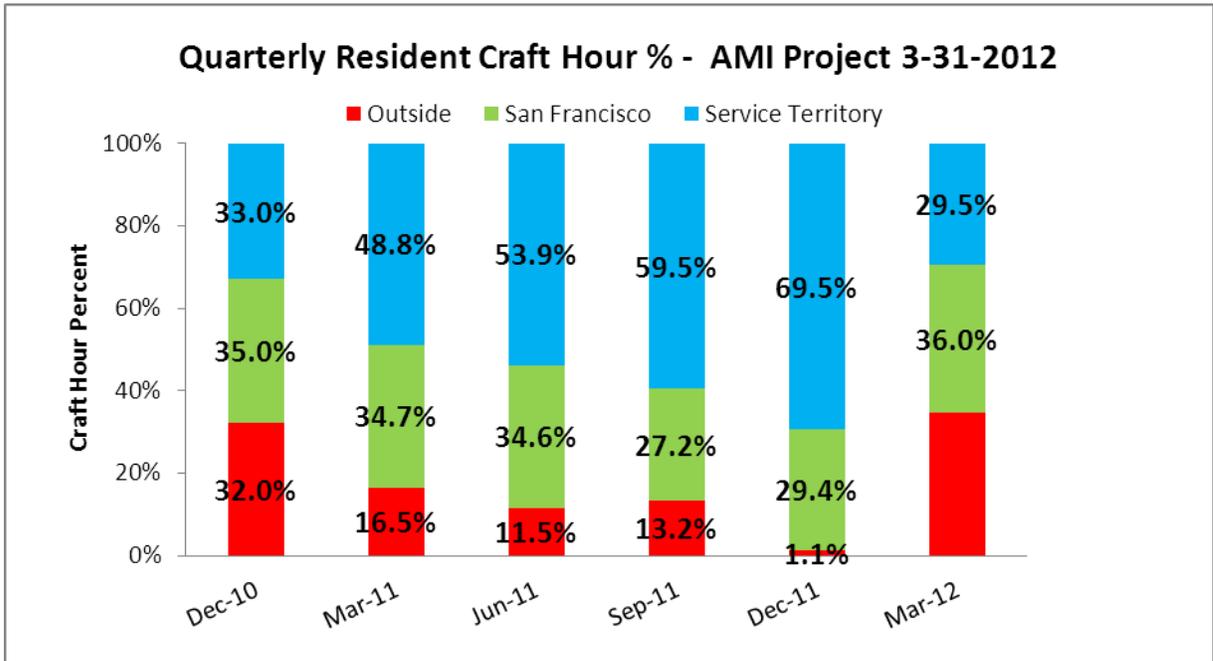
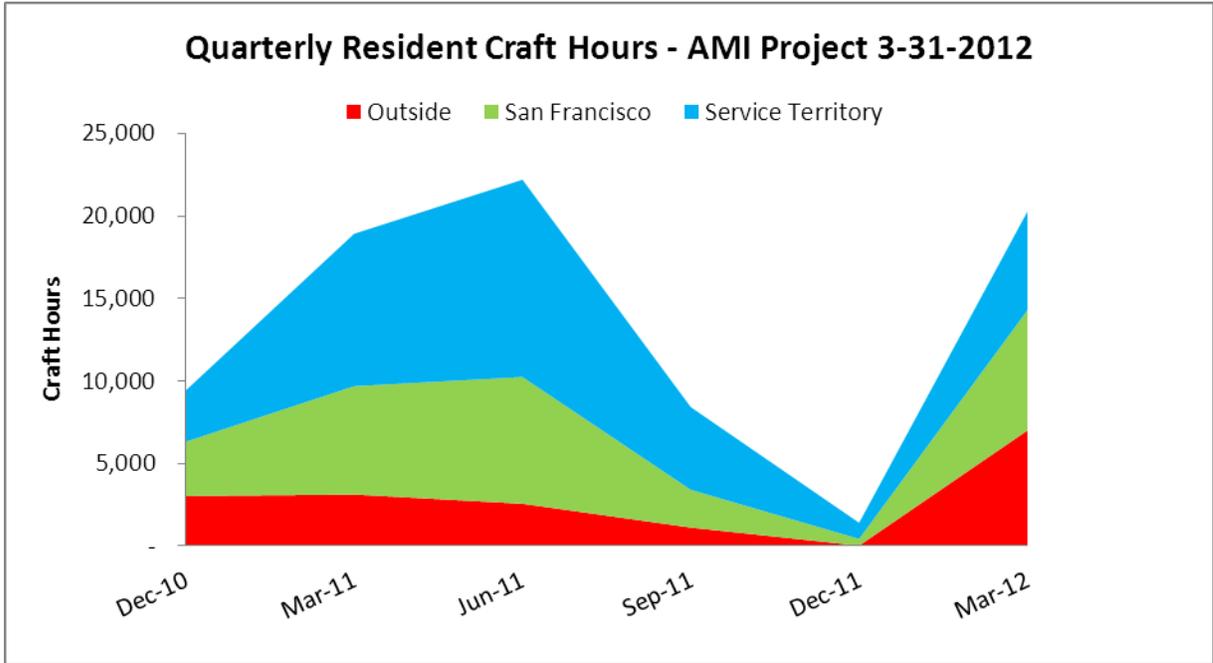
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Regional WSIP Projects:



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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 March 31, 2012 Employment Summary - Cumulative Employment of Residents by Craft						
Craft	Total Hours	San Francisco	Service Territory	Outside	% San Francisco	% Service Territory
LABORER	1,078,322	85,132	484,153	509,036	7.9%	44.9%
OPERATING ENGINEER	631,135	36,177	266,278	328,680	5.7%	42.2%
CARPENTER	293,741	40,923	130,102	122,717	13.9%	44.3%
TUNNEL WORKER	173,770	2,963	66,719	104,088	1.7%	38.4%
ELECTRICIAN	161,022	16,867	91,945	52,210	10.5%	57.1%
PLUMBER	132,758	33,530	53,993	45,235	25.3%	40.7%
IRON WORKER	130,399	11,187	52,251	66,961	8.6%	40.1%
TEAMSTER	103,136	13,444	65,141	24,552	13.0%	63.2%
BOILERMAKER	64,509	454	13,834	50,221	0.7%	21.4%
CEMENT MASON	39,644	981	20,779	17,884	2.5%	52.4%
PILE DRIVER	36,940	2,230	5,937	28,774	6.0%	16.1%
PAINTER	36,123	708	3,482	31,934	2.0%	9.6%
ROOFER	30,944	2,004	16,150	12,791	6.5%	52.2%
FIELD SURVEYOR	7,462	996	3,486	2,980	13.3%	46.7%
SHEET METAL WORKER	6,941	392	4,893	1,656	5.6%	70.5%
ASBESTOS WORKER	5,835	41	552	5,242	0.7%	9.5%
BRICKLAYER	3,703		2,750	953	0.0%	74.3%
ELECTRICAL UTILITY LINEMAN	2,120		94	2,026	0.0%	4.4%
TELECOMMUNICATIONS TECHN	1,160		1,088	72	0.0%	93.8%
GLAZIER	884	127	260	497	14.4%	29.4%
PLASTERER	762	738	24		96.9%	3.1%
SLURRY SEAL WORKER	199		85	114	0.0%	42.8%
TILE FINISHER	128		128		0.0%	100.0%
TILE SETTER	115		113	2	0.0%	98.3%
TERRAZZO WORKER	31			31	0.0%	0.0%
<b>Total WSIPLA</b>	<b>2,941,778</b>	<b>248,890</b>	<b>1,284,233</b>	<b>1,408,654</b>	<b>8.5%</b>	<b>43.7%</b>

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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 March 31, 2012 Employment Summary - Cumulative Employment of Residents by Project						
	Total Hours	San Francisco	Service Territory	Outside	% San Francisco	% Service Territory
BDPL 5 Peninsula	253,509	2,809	117,163	133,537	1.1%	46.2%
SVWTP	252,580	8,856	113,918	129,807	3.5%	45.1%
New Irvington Tunnel	237,090	739	104,261	132,091	0.3%	44.0%
BDPL5 East Bay	208,016	14,163	84,390	109,463	6.8%	40.6%
U Mound Res	187,030	50,004	51,702	85,324	26.7%	27.6%
Bay Tunnel	142,778	4,488	81,513	56,777	3.1%	57.1%
Tesla	141,279	2,724	96,058	42,497	1.9%	68.0%
Alameda Siphon 4	128,354	1,450	58,030	68,874	1.1%	45.2%
CSSA	119,735	8,667	39,410	71,658	7.2%	32.9%
NCSBT	117,860	6,825	64,924	46,112	5.8%	55.1%
Lower CS Dam	92,080	5,832	53,335	32,913	6.3%	57.9%
Advanced Meter	89,740	29,965	40,034	19,741	33.4%	44.6%
San Andreas Pipe 3	83,075	6,271	27,755	49,049	7.5%	33.4%
San Joaquin Crossovers	82,096	158	44,277	37,661	0.2%	53.9%
Lake Merced Pump	79,489	19,117	24,585	35,787	24.0%	30.9%
HTWTP LTI	78,477	2,995	32,864	42,619	3.8%	41.9%
SJPL West	75,160	409	32,628	42,123	0.5%	43.4%
Stanford Heights	74,284	11,120	20,114	43,051	15.0%	27.1%
Aleman Pump	73,664	7,878	28,780	37,005	10.7%	39.1%
CSPL2	56,070	16,266	16,330	23,474	29.0%	29.1%
NU Mound System	53,265	10,250	18,221	24,795	19.2%	34.2%
Calaveras Dam	49,223	88	13,875	35,260	0.2%	28.2%
Pulgas Roof	47,357	5,126	23,861	18,370	10.8%	50.4%
HTWTP Short Term	43,049	7,220	12,845	22,984	16.8%	29.8%
BDPL 3&4 Crossover	27,473	7,925	7,511	12,038	28.8%	27.3%
Forest Knolls Pump	26,441	3,844	8,140	14,457	14.5%	30.8%
Noe Valley Trans	22,511	3,918	8,054	10,539	17.4%	35.8%
Baden San Pedro	19,937	4,570	13,421	1,947	22.9%	67.3%
SJPL East	19,844	37	7,371	12,436	0.2%	37.1%
Harding	18,635	4,483	10,679	3,473	24.1%	57.3%
San Antonio Pump	14,916	101	11,985	2,831	0.7%	80.3%
Roselle	12,859		8,789	4,070	0.0%	68.3%
Standby Power	11,275	182	6,599	4,494	1.6%	58.5%
SCADA II	1,498	113	605	781	7.6%	40.3%
BHR - San Antonio Creek	842	228	206	408	27.1%	24.4%
Homestead Pond	198	72	3	123	36.4%	1.5%
Test Wells	89			89	0.0%	0.0%
<b>Total WSIPLA</b>	<b>2,941,778</b>	<b>248,890</b>	<b>1,284,233</b>	<b>1,408,654</b>	<b>8.5%</b>	<b>43.7%</b>

Craft Worker Residence by County – All WSIPLA Covered Projects

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San Francisco Public Utilities Commission WSIP - Project Labor Agreement Covered Employment by County of Residence Inception Through March 31, 2012								
County	Craft Hours			Wages	% Craft Hours			FTE's
	AMI	WSIP	Total PLA	Total PLA	AMI	WSIP	Total PLA	
Alameda	3,579	555,770	559,349	\$ 19,721,941	4.0%	19.5%	19.0%	268.9
Contra Costa	1,675	389,214	390,888	14,290,910	1.9%	13.6%	13.3%	187.9
San Joaquin	2,196	294,075	296,271	10,238,262	2.4%	10.3%	10.1%	142.4
San Mateo	34,015	237,687	271,701	10,866,528	37.9%	8.3%	9.2%	130.6
San Francisco	29,965	218,925	248,890	9,263,814	33.4%	7.7%	8.5%	119.7
Santa Clara	754	186,676	187,430	6,818,926	0.8%	6.5%	6.4%	90.1
Stanislaus		142,385	142,385	4,994,910	0.0%	5.0%	4.8%	68.5
Sacramento		115,342	115,342	4,466,986	0.0%	4.0%	3.9%	55.5
Out of State	9,558	87,948	97,506	4,503,401	10.7%	3.1%	3.3%	46.9
Solano	371	94,826	95,196	3,417,281	0.4%	3.3%	3.2%	45.8
Sonoma	4,177	56,123	60,300	2,291,610	4.7%	2.0%	2.0%	29.0
Butte		49,499	49,499	1,927,109	0.0%	1.7%	1.7%	23.8
Calaveras		44,122	44,122	1,752,405	0.0%	1.5%	1.5%	21.2
Fresno		34,238	34,238	1,159,068	0.0%	1.2%	1.2%	16.5
Tuolumne		32,768	32,768	1,228,330	0.0%	1.1%	1.1%	15.8
San Bernardino		29,720	29,720	1,220,229	0.0%	1.0%	1.0%	14.3
Riverside		26,533	26,533	1,106,493	0.0%	0.9%	0.9%	12.8
Los Angeles		22,535	22,535	889,186	0.0%	0.8%	0.8%	10.8
Merced		22,241	22,241	772,339	0.0%	0.8%	0.8%	10.7
Monterey		19,147	19,147	668,522	0.0%	0.7%	0.7%	9.2
Napa		19,102	19,102	773,806	0.0%	0.7%	0.6%	9.2
Placer		18,585	18,585	757,847	0.0%	0.7%	0.6%	8.9
Madera		18,149	18,149	693,756	0.0%	0.6%	0.6%	8.7
Yolo		15,828	15,828	544,068	0.0%	0.6%	0.5%	7.6
El Dorado		14,301	14,301	514,441	0.0%	0.5%	0.5%	6.9
Shasta		12,514	12,514	475,695	0.0%	0.4%	0.4%	6.0
Orange		10,798	10,798	496,852	0.0%	0.4%	0.4%	5.2
Santa Cruz		10,626	10,626	414,291	0.0%	0.4%	0.4%	5.1
Amador		8,141	8,141	303,071	0.0%	0.3%	0.3%	3.9
San Diego	854	7,070	7,924	351,778	1.0%	0.2%	0.3%	3.8
San Luis Obispo		6,998	6,998	312,278	0.0%	0.2%	0.2%	3.4
San Benito		6,828	6,828	240,308	0.0%	0.2%	0.2%	3.3
Marin	2,558	3,908	6,466	288,374	2.9%	0.1%	0.2%	3.1
Yuba		6,130	6,130	243,079	0.0%	0.2%	0.2%	2.9
Kern		5,439	5,439	189,335	0.0%	0.2%	0.2%	2.6
Imperial		4,980	4,980	225,742	0.0%	0.2%	0.2%	2.4
Mariposa		4,916	4,916	211,845	0.0%	0.2%	0.2%	2.4
Nevada		4,789	4,789	197,886	0.0%	0.2%	0.2%	2.3
Sutter		3,857	3,857	142,586	0.0%	0.1%	0.1%	1.9
Tehama		2,561	2,561	98,408	0.0%	0.1%	0.1%	1.2
Kings		1,876	1,876	74,028	0.0%	0.1%	0.1%	0.9
Siskiyou		1,383	1,383	57,821	0.0%	0.0%	0.0%	0.7
Mendocino	40	990	1,030	41,315	0.0%	0.0%	0.0%	0.5
Santa Barbara		779	779	37,440	0.0%	0.0%	0.0%	0.4
Lake		549	549	19,867	0.0%	0.0%	0.0%	0.3
Inyo		497	497	15,009	0.0%	0.0%	0.0%	0.2
Humboldt		349	349	20,403	0.0%	0.0%	0.0%	0.2
Colusa		108	108	2,962	0.0%	0.0%	0.0%	0.1
Plumas		93	93	3,142	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
Trinity		25	25	1,527	0.0%	0.0%	0.0%	0.0
Tulare		20	20	338	0.0%	0.0%	0.0%	0.0
<b>Total WSIPLA</b>	<b>89,740</b>	<b>2,852,038</b>	<b>2,941,778</b>	<b>\$ 109,351,052</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>1,414</b>

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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 March 31, 2012 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	7,690	29,508	37,198	\$ 1,333,050	25.7%	13.5%	14.9%	17.9
94110	348	33,440	33,788	1,091,581	1.2%	15.3%	13.6%	16.2
94124	8,154	22,134	30,288	1,169,752	27.2%	10.1%	12.2%	14.6
94116	757	29,142	29,898	1,513,495	2.5%	13.3%	12.0%	14.4
94134	5,096	21,836	26,932	810,519	17.0%	10.0%	10.8%	12.9
94122	1,660	16,815	18,475	773,696	5.5%	7.7%	7.4%	8.9
94103		10,375	10,375	325,954		4.7%	4.2%	5.0
94127		8,950	8,950	337,851		4.1%	3.6%	4.3
94121	2,213	5,431	7,644	288,440	7.4%	2.5%	3.1%	3.7
94117	489	5,702	6,191	159,256	1.6%	2.6%	2.5%	3.0
94102	2,334	2,932	5,266	211,528	7.8%	1.3%	2.1%	2.5
94132	8	5,123	5,131	219,995	0.0%	2.3%	2.1%	2.5
94118	351	3,290	3,641	158,527	1.2%	1.5%	1.5%	1.8
94133		3,346	3,346	114,761		1.5%	1.3%	1.6
94131	32	3,132	3,164	157,743	0.1%	1.4%	1.3%	1.5
94114		3,095	3,095	112,620		1.4%	1.2%	1.5
94107		2,924	2,924	99,268		1.3%	1.2%	1.4
94108		2,875	2,875	59,410		1.3%	1.2%	1.4
94109		2,514	2,514	73,346		1.1%	1.0%	1.2
94130		2,510	2,510	51,416		1.1%	1.0%	1.2
94164		977	977	25,485		0.4%	0.4%	0.5
94128		704	704	55,752		0.3%	0.3%	0.3
94142	380	261	641	26,513	1.3%	0.1%	0.3%	0.3
94115	8	548	556	18,781	0.0%	0.3%	0.2%	0.3
94123	446	50	496	24,939	1.5%	0.0%	0.2%	0.2
94129		447	447	13,106		0.2%	0.2%	0.2
94140		288	288	11,589		0.1%	0.1%	0.1
94166		191	191	14,325		0.1%	0.1%	0.1
94188		133	133	5,045		0.1%	0.1%	0.1
94104		129	129	2,750		0.1%	0.1%	0.1
94111		112	112	2,917		0.1%	0.0%	0.1
94125		8	8	225		0.0%	0.0%	0.0
94158		8	8	178		0.0%	0.0%	0.0
	29,965	218,925	248,890	\$ 9,263,814	100.0%	100.0%	100.0%	119.7

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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 employed on the WSIPLA are Teamsters and Tunnel Workers.

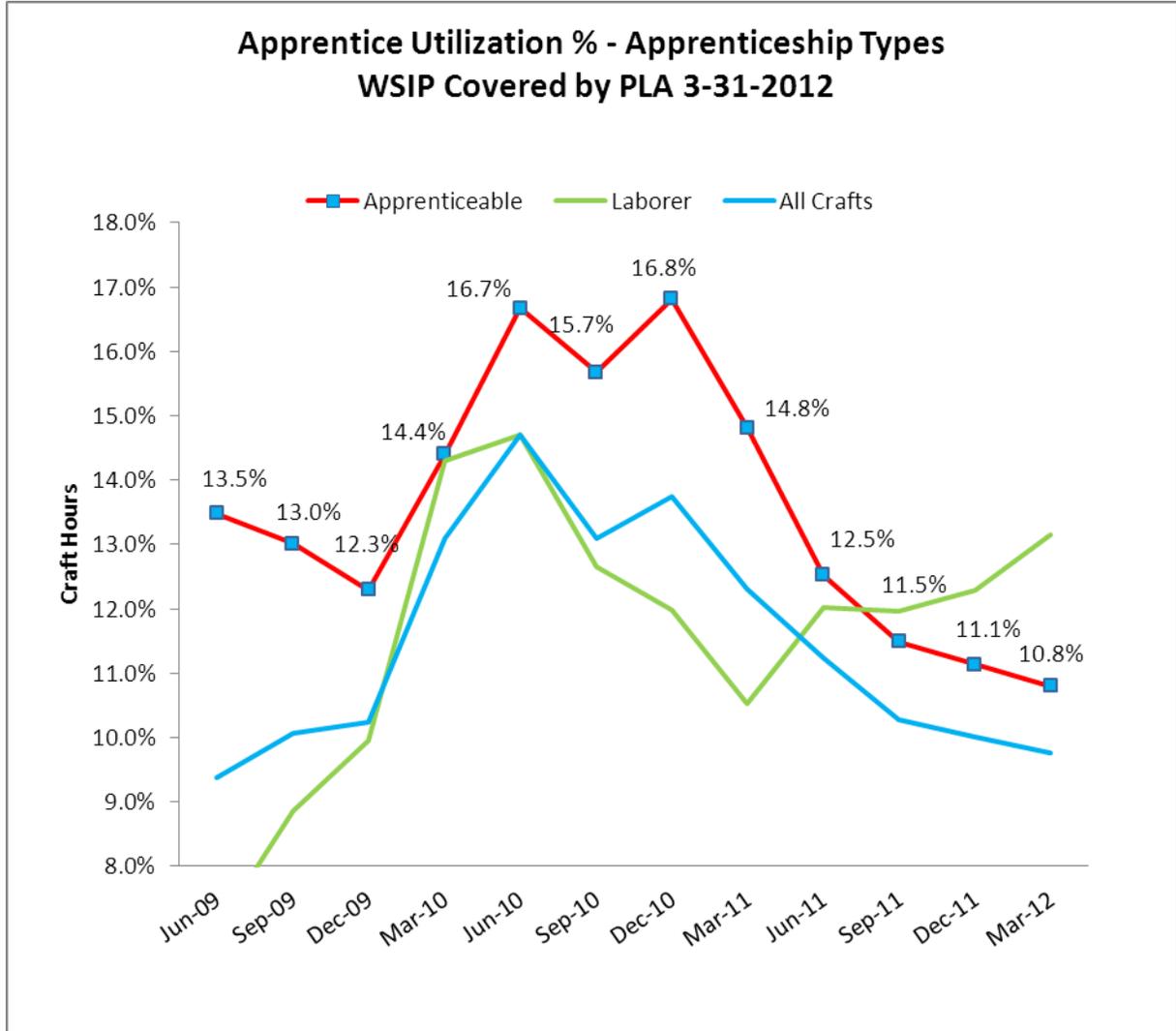
San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Craft Employment Summary for the Quarter Ended March 31, 2012 Apprentice Utilization on the WSIPLA - By Craft								
Craft/Program	Total Hours	Apprentice Hours	Apprentice Hours			Apprentice Utilization %		
			San Francisco	Service Territory	Outside	% All Apprentices	% San Francisco	Service Territory
OPERATING ENGINEER	631,135	63,735	15,015	32,633	16,088	10.1%	2.4%	5.2%
CARPENTER	293,741	45,645	16,456	17,409	11,781	15.5%	5.6%	5.9%
ELECTRICIAN	161,022	32,478	5,124	22,166	5,189	20.2%	3.2%	13.8%
IRON WORKER	130,399	29,247	7,073	11,983	10,192	22.4%	5.4%	9.2%
BOILERMAKER	64,509	1,905	40	1,229	636	3.0%	0.1%	1.9%
PLUMBER	43,018	8,681	1,952	3,714	3,016	20.2%	4.5%	8.6%
CEMENT MASON	39,644	1,544	643	117	784	3.9%	1.6%	0.3%
PILE DRIVER	36,940	857	134	289	434	2.3%	0.4%	0.8%
PAINTER	36,123	5,536	405	114	5,017	15.3%	1.1%	0.3%
ROOFER	30,944	8,655	1,121	3,969	3,565	28.0%	3.6%	12.8%
FIELD SURVEYOR	7,462	73		49	24	1.0%	0.0%	0.7%
SHEET METAL WORKER	6,941	691		513	178	10.0%	0.0%	7.4%
BRICKLAYER	3,703	671		383	288	18.1%	0.0%	10.3%
ELECTRICAL UTILITY LINEMAN	2,120	69		69		3.3%	0.0%	3.3%
GLAZIER	884	135	119	16		15.3%	13.5%	1.8%
PLASTERER	762					0.0%	0.0%	0.0%
TILE FINISHER	128					0.0%	0.0%	0.0%
TILE SETTER	115					0.0%	0.0%	0.0%
TERRAZZO WORKER	31					0.0%	0.0%	0.0%
<b>Total Apprenticeable</b>	<b>1,489,617</b>	<b>199,921</b>	<b>48,081</b>	<b>94,650</b>	<b>57,190</b>	<b>13.4%</b>	<b>3.2%</b>	<b>6.4%</b>
LABORER	1,078,322	123,497	17,460	89,297	16,740	11.5%	1.6%	8.3%
<b>Non-Apprenticeable</b>								
TUNNEL WORKER	173,770							
TEAMSTER	103,136							
ASBESTOS WORKER	5,835							
TELECOMMUNICATIONS TECH	1,160							
SLURRY SEAL WORKER	199							
<b>Total Non-Apprenticeable</b>	<b>284,099</b>							
<b>Total WSIP</b>	<b>2,852,038</b>	<b>323,418</b>	<b>65,541</b>	<b>183,947</b>	<b>73,929</b>	<b>11.3%</b>	<b>2.3%</b>	<b>6.4%</b>
AMI								
PLUMBER	89,740	28,307	10,169	16,212	1,927	31.5%	11.3%	18.1%
<b>Total WSIPLA</b>	<b>2,941,778</b>	<b>351,725</b>	<b>75,710</b>	<b>200,159</b>	<b>75,856</b>	<b>12.0%</b>	<b>2.6%</b>	<b>6.8%</b>

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San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Craft Employment Summary for the Quarter Ended March 31, 2012 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	
BDPL 5 Peninsula	85,815	142,098	25,596	253,509	6,574	18,614	25,188	7.7%	13.1%	
SVWTP	151,699	92,257	8,625	252,580	24,265	10,330	34,595	16.0%	11.2%	
New Irvington Tunnel	106,172	39,304	91,614	237,090	8,238	9,160	17,398	7.8%	23.3%	
BDPL5 East Bay	89,028	107,667	11,322	208,016	10,008	10,150	20,157	11.2%	9.4%	
U Mound Res	106,330	79,502	1,199	187,030	23,851	6,500	30,350	22.4%	8.2%	
Bay Tunnel	65,191	27,952	49,636	142,778	5,118	6,850	11,968	7.9%	24.5%	
Tesla	97,582	42,115	1,582	141,279	16,503	10,335	26,838	16.9%	24.5%	
Alameda Siphon 4	75,276	45,081	7,997	128,354	11,654	8,918	20,572	15.5%	19.8%	
CSSA	77,797	38,276	3,662	119,735	8,264	3,519	11,783	10.6%	9.2%	
NCSBT	63,888	11,634	42,339	117,860	12,361	5,252	17,612	19.3%	45.1%	
Lower CS Dam	39,115	52,959	6	92,080	4,575	3,522	8,097	11.7%	6.6%	
San Andreas Pipe 3	28,638	42,922	11,516	83,075	3,994	5,317	9,311	13.9%	12.4%	
San Joaquin Crossover	52,181	29,180	735	82,096	5,311	3,788	9,099	10.2%	13.0%	
Lake Merced Pump	58,595	19,555	1,339	79,489	9,671	26	9,697	16.5%	0.1%	
HTWTP LTI	43,939	32,731	1,808	78,477	5,825	3,451	9,276	13.3%	10.5%	
SJPL West	39,168	27,703	8,289	75,160	2,414	4,243	6,657	6.2%	15.3%	
Stanford Heights	40,434	33,851		74,284	9,134	757	9,891	22.6%	2.2%	
Alemany Pump	53,924	19,691	48	73,664	7,322	223	7,544	13.6%	1.1%	
CSPL2	20,774	30,239	5,057	56,070	2,506	1,989	4,495	12.1%	6.6%	
NU Mound System	14,383	31,800	7,082	53,265	743	2,255	2,998	5.2%	7.1%	
Calaveras Dam	25,186	22,407	1,630	49,223	2,275	1,343	3,618	9.0%	6.0%	
Pulgas Roof	32,538	14,564	255	47,357	6,619	673	7,292	20.3%	4.6%	
HTWTP Short Term	22,692	20,358		43,049	2,089		2,089	9.2%	0.0%	
BDPL 3&4 Crossover	18,496	8,978		27,473	2,575	100	2,674	13.9%	1.1%	
Forest Knolls Pump	17,165	9,243	33	26,441	2,888	19	2,907	16.8%	0.2%	
Noe Valley Trans	6,021	14,423	2,067	22,511		1,133	1,133	0.0%	7.9%	
Baden San Pedro	11,044	8,550	344	19,937	949	1,788	2,737	8.6%	20.9%	
SJPL East	13,483	6,361		19,844	536	900	1,436	4.0%	14.1%	
Harding	6,822	11,808	5	18,635	681	780	1,461	10.0%	6.6%	
San Antonio Pump	8,241	6,539	137	14,916	859	939	1,798	10.4%	14.4%	
Roselle	7,968	4,729	163	12,859	1,384	559	1,943	17.4%	11.8%	
Standby Power	9,046	2,230		11,275	626		626	6.9%	0.0%	
SCADA II	728	771		1,498	115		115	15.8%	0.0%	
BHR - San Antonio C	241	585	16	842			-	0.0%	0.0%	
Homestead Pond	24	174		198		72	72	0.0%	41.4%	
Test Wells		89		89			-	0.0%	0.0%	
<b>Total WSIP</b>	<b>1,489,617</b>	<b>1,078,322</b>	<b>284,099</b>	<b>2,852,038</b>	<b>199,921</b>	<b>123,497</b>	<b>323,418</b>	<b>13.4%</b>	<b>11.5%</b>	
<b>Advanced Meter</b>	<b>89,740</b>			<b>89,740</b>	<b>28,307</b>		<b>28,307</b>	<b>31.5%</b>	<b>0.0%</b>	
<b>Total WSIPLA</b>	<b>1,579,357</b>	<b>1,078,322</b>	<b>284,099</b>	<b>2,941,778</b>	<b>228,228</b>	<b>123,497</b>	<b>351,725</b>	<b>14.5%</b>	<b>11.5%</b>	

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The following chart indicates quarterly apprentice utilization over the three years ended March 31, 2012 for Apprenticeable Trades, Laborers, and all Crafts combined.



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Employment of Low-Income Residents

As of March 31, 2012, SFPUC and City staff had placed 228 low-income Apprentices and 94 low-income Journeymen on PLA-Covered Projects including the WSIP and the Advanced Meter Infrastructure Project. These 320 individuals represent 7.2% of the total hours worked and 5.1% of the wages earned by workers covered by the WSIPLA.

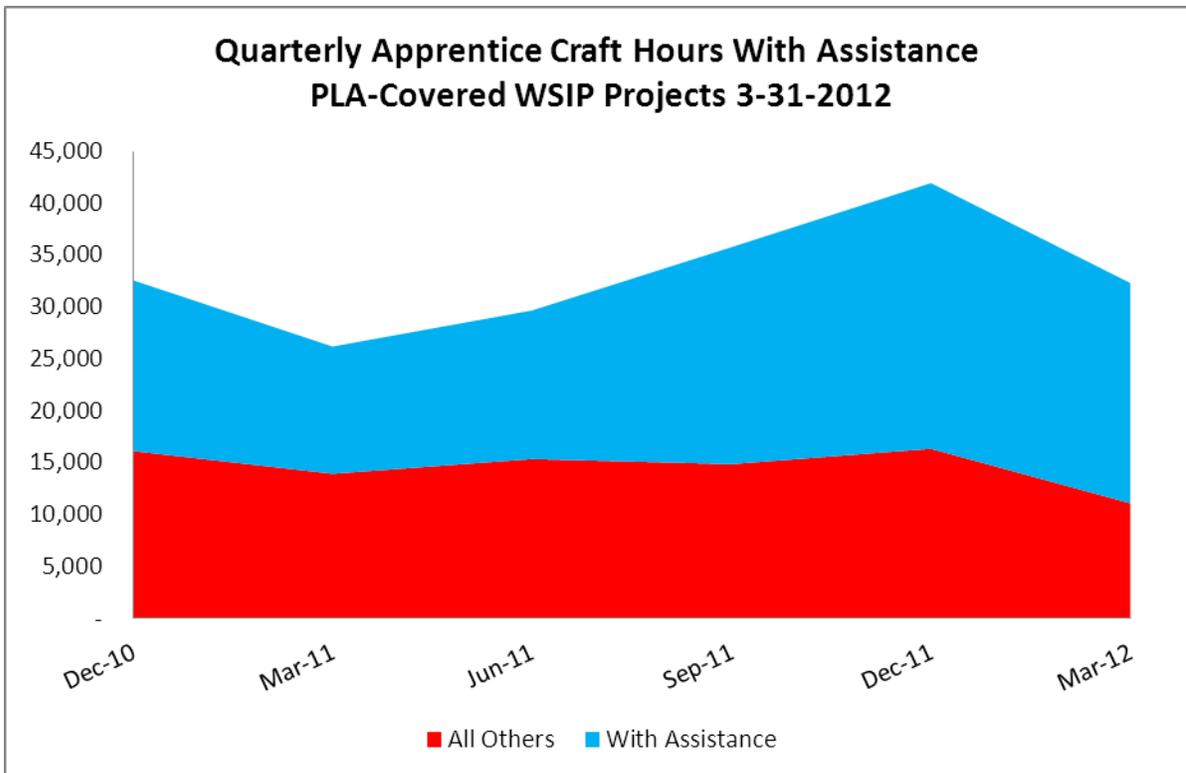
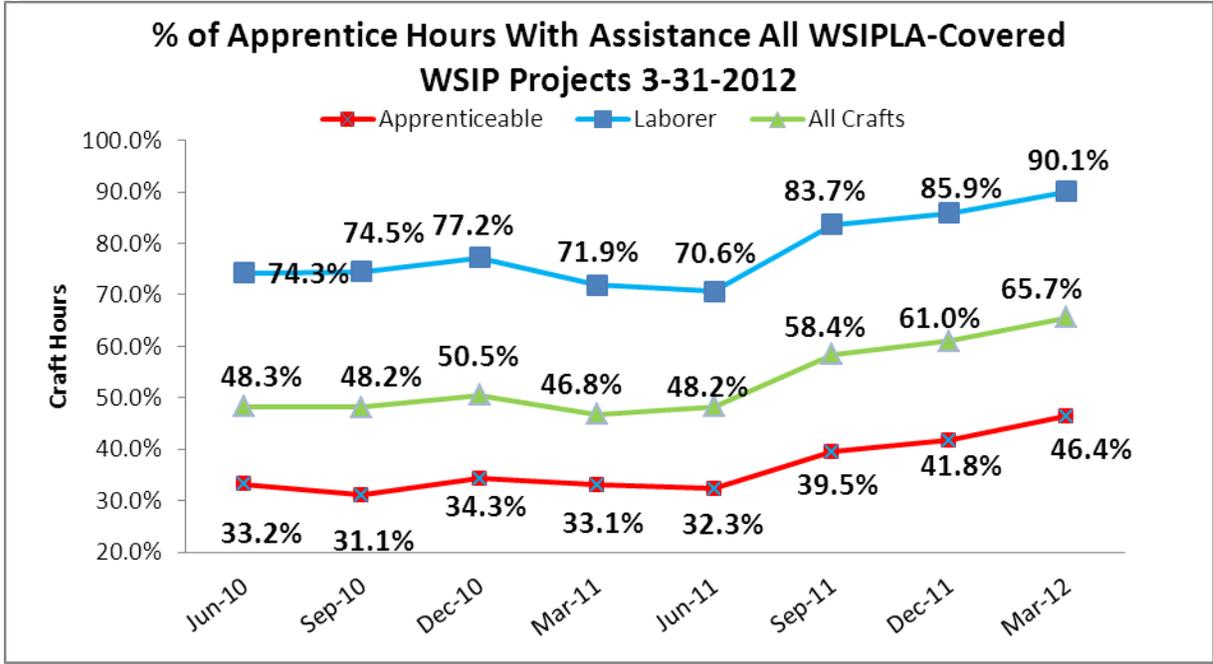
Water System Improvement Program Assisted Placement in PLA-Covered WSIP Projects and Advance Meter Infrastructure Project By Pre-Apprenticeship Training Program PLA Inception (Stanford Heights Reservoir) through March 31, 2012						
Referring Agency	Workers	Hours	Wages	% Workers	% Hours	% Wages
<u>Pre-Apprenticeship Training</u>						
CityBuild Academy	38	21,963	\$ 533,972	4.53%	6.24%	5.96%
Cypress Mandela Training Center, Inc.	18	20,140	445,261	2.15%	5.73%	4.97%
Helmets to Hardhats	1	3,339	80,910	0.12%	0.95%	0.90%
Job Train's Project Build	26	30,444	661,405	3.10%	8.66%	7.38%
Northern California Construction and Training Inc.	1	1,253	22,752	0.12%	0.36%	0.25%
San Joaquin County Office of Ed. YouthBuild	9	9,890	206,873	1.07%	2.81%	2.31%
Total Pre-Apprenticeship Graduates General Referral/Assistance	93	87,028	1,951,172	11.08%	24.74%	21.76%
CityBuild	48	20,494	517,487	5.72%	5.83%	5.77%
SFPUC	87	59,529	1,470,642	10.37%	16.92%	16.40%
Total General Referral/Assistance	135	80,023	1,988,129	16.09%	22.75%	22.18%
Total Assisted Apprentice Placements	228	167,050	3,939,301	27.18%	47.49%	43.94%
Unassisted Apprentices	611	184,675	5,026,305	72.82%	52.51%	56.06%
Total Apprentices	839	351,725	8,965,606	100.00%	100.00%	100.00%
<u>Journeyman Assistance</u>						
CityBuild	67	31,002	1,223,417	1.14%	1.20%	1.22%
Cypress Mandela Training Center, Inc.	2	260	6,891	0.03%	0.01%	0.01%
Job Train's Project Build	4	2,104	61,556	0.07%	0.08%	0.06%
San Joaquin County Office of Ed. YouthBuild	1	262	6,018	0.02%	0.01%	0.01%
SFPUC	20	9,782	345,241	0.34%	0.38%	0.34%
Total Assisted Journeyman Placements	94	43,409	1,643,123	1.60%	1.68%	1.64%
Unassisted Journeymen	5772	2,546,644	98,742,323	98.40%	98.32%	98.36%
Total Journeymen	5866	2,590,053	100,385,446	100.00%	100.00%	100.00%
<u>Total Workforce</u>						
<u>Pre-Apprenticeship Training</u>						
CityBuild Academy	38	21,963	533,972	0.57%	0.75%	0.49%
Cypress Mandela Training Center, Inc.	18	20,140	445,261	0.27%	0.68%	0.41%
Helmets to Hardhats	1	3,339	80,910	0.01%	0.11%	0.07%
Job Train's Project Build	26	30,444	661,405	0.39%	1.03%	0.60%
Northern California Construction and Training Inc.	1	1,253	22,752	0.01%	0.04%	0.02%
San Joaquin County Office of Ed. YouthBuild	9	9,890	206,873	0.13%	0.34%	0.19%
Total Pre-Apprenticeship Graduates General Referral/Assistance	93	87,028	1,951,172	1.39%	2.96%	1.78%
CityBuild	115	51,495	1,740,904	1.72%	1.75%	1.59%
Cypress Mandela Training Center, Inc.		260	6,891	0.00%	0.01%	0.01%
Job Train's Project Build	4	2,104	61,556	0.06%	0.07%	0.06%
San Joaquin County Office of Ed. YouthBuild	1	262	6,018	0.01%	0.01%	0.01%
SFPUC	107	69,311	1,815,883	1.60%	2.36%	1.66%
Total General Referral/Assistance	227	123,431	3,631,252	1.61%	2.36%	1.67%
Total Assisted Placements	320	210,459	5,582,424	4.77%	7.15%	5.11%
All Others	6383	2,731,319	103,768,628	95.23%	92.85%	94.89%
Total Workforce	6703	2,941,778	\$109,351,052	100.00%	100.00%	100.00%

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San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Assisted Employment by Project WSIPLA Inception through March 31, 2012									
Project	Project Total Craft Hours			Assisted Craft Hours			% Assisted		
	Apprentice	Journey	Total	Apprentice	Journey	Total	Apprentice	Journey	Total
Advanced Meter Infrastructure	28,307	61,433	89,740	3,028	11,899	14,926	10.7%	19.4%	16.6%
Alameda Siphon No. 4	20,572	107,783	128,354	16,507	54	16,561	80.2%	0.1%	12.9%
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	17,201	19,937	2,057	82	2,139	75.2%	0.5%	10.7%
Bay Tunnel	11,968	130,811	142,778	9,584	286	9,870	80.1%	0.2%	6.9%
BDPL 5 - East Bay	20,157	187,859	208,016	10,675	1,052	11,726	53.0%	0.6%	5.6%
BDPL 5 - Peninsula	25,188	228,322	253,509	19,780	1,703	21,483	78.5%	0.7%	8.5%
BDPL Nos. 3&4 Crossover	2,674	24,799	27,473	855	30	885	32.0%	0.1%	3.2%
BHR - San Antonio Creek		842	842		76	76	0.0%	9.0%	9.0%
Calaveras Dam	3,618	45,605	49,223	3,035		3,035	83.9%	0.0%	6.2%
Crystal Springs / San Andreas	11,783	107,952	119,735	5,824	1,850	7,673	49.4%	1.7%	6.4%
Crystal Springs Pipe # 2	4,495	51,575	56,070	3,782	1,478	5,260	84.1%	2.9%	9.4%
Forest Knolls Pump Station	2,907	23,534	26,441	1,888		1,888	64.9%	0.0%	7.1%
Harding Park	1,461	17,174	18,635	1,080	74	1,154	73.9%	0.4%	6.2%
Harry Tracy Long Term Impr	9,276	69,201	78,477	5,699	12	5,711	61.4%	0.0%	7.3%
Harry Tracy WTP Short Term	2,089	40,961	43,049	1,329	183	1,512	63.6%	0.4%	3.5%
Homestead Pond, San Andreas Res	72	126	198			-	0.0%	0.0%	0.0%
Lake Merced Pump Station	9,697	69,792	79,489	3,508	7,446	10,954	36.2%	10.7%	13.8%
Lower Crystal Springs Dam	8,097	83,983	92,080	6,306	406	6,711	77.9%	0.5%	7.3%
New Crystal Springs Bypass Tunnel	17,612	100,248	117,860	112	236	348	0.6%	0.2%	0.3%
New Irvington Tunnel	17,398	219,692	237,090	12,741	3,647	16,387	73.2%	1.7%	6.9%
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	40,065	47,357	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	9,099	72,998	82,096	3,408	262	3,669	37.5%	0.4%	4.5%
San Joaquin Pipeline West	6,657	68,504	75,160	4,430	130	4,559	66.5%	0.2%	6.1%
San Joaquin Pipe East	1,436	18,408	19,844	1,386	1,072	2,457	96.5%	5.8%	12.4%
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	34,595	217,985	252,580	14,630	164	14,794	42.3%	0.1%	5.9%
Tesla Treatment Facility	26,838	114,441	141,279	2,743		2,743	10.2%	0.0%	1.9%
Test Well Drilling		89	89			-	0.0%	0.0%	0.0%
University Mound Reservoir	30,350	156,680	187,030	14,817	7,924	22,740	48.8%	5.1%	12.2%
<b>Total WSIPLA</b>	<b>351,725</b>	<b>2,590,053</b>	<b>2,941,778</b>	<b>167,050</b>	<b>43,409</b>	<b>210,459</b>	<b>47.49%</b>	<b>1.68%</b>	<b>7.15%</b>

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The following charts summarize the employment on all WSIPLA-Covered Projects (WSIP and AMI) of Apprentices hired with the assistance of WSIPLA staff for the eight quarters ended March 31, 2012.



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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 March 31, 2012, 7,430 pre-employment tests had been administered to people who were cleared to work. 104 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 March 31, 2012.

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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 March 31, 2012		
Project	Number Cleared	
Crystal Spings San Andreas Transmission System	555	
Harry Tracy HTWTP	520	
Bay Division Pipeline #5 - East Bay Reaches	499	
Sunol Valley Water Treatment Plant	496	
Lake Merced Pump Station	453	
New Irvington Tunnel	396	
Tesla Treatment Facility Project	378	
Alemanay Pump Station Upgrade	375	
Bay Tunnel Project	328	
University Mound Reservoir North Basin Seismic	319	
Bay Division Reliability Upgrade Pipeline #5	288	
Calaveras Dam Replacement	265	
Alameda Siphon #4	230	
New Crystal Springs Bypass Tunnel	212	
Stanford Heights Reservoir Project	199	
San Joaquin Pipeline System-Western Segment	197	
San Joaquin Pipeline Crossovers	188	
Pulgas Balancing Reservoir Structural Rehabilitati	184	
San Andreas Pipeline #3	178	
Advanced Meter Infrastructure	162	
Bay Division 3 & 4 Crossover Facilities	138	
Lower Crystal Springs Dam Improvements	123	
Forest Knolls Pump Station Project	115	
Harry Tracy Water Treatment Project	93	
San Joaquin Pipeline System-Eastern Segment	89	
Baden & San Pedro Valve Lot Improvements	86	
San Antonio Pump Station Upgrade	70	
Crystal Springs Pipeline No. 2 Replacement Project	69	
Roselle Crossovers	63	
North University Mound System Upgrade	55	
Standby Power	30	
Scada System Phase II	28	
Noe Valley Transmission Main Phase II	27	
Regional Groundwater Storage & Recovery Project	9	
Harding Park Recycled Water Project	7	
San Antonio Creek	6	
SF PUC - PNC Participants	0	
<b>Total Cleared</b>	<b>7430</b>	
Positive Pre-Employment Tests Through March 31, 2012		
Banned Substance	% Positive	# Positive
Alcohol	0.07%	5
Amphetamines	0.19%	14
Amphetamines/Dilute	0.03%	2
Benzodiazepines	0.04%	3
Cocaine	0.13%	10
Cocaine/Marijuana	0.01%	1
Marijuana	0.57%	43
Marijuana Amphetamines	0.01%	1
Methadone	0.03%	2
Opiates	0.03%	2
Opiates/Alcohol	0.01%	1
Phencyclidine	0.01%	1
Refused	0.25%	19
<b>Total Positive</b>	<b>1.38%</b>	<b>104</b>

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**WSIP Craft Hour Estimate**

The WSIP Craft Hour Estimate is based on estimated construction spending as of March 31, 2012. The WSIP program is expected to require a total of 8,841,050 craft hours, including 4,242,773 craft hours in twelve areas of construction activity in six Bay Area Counties from April 1, 2012 through completion in 2016. The WSIP Craft Hour Model indicates that more than half of WSIP craft hours had been worked as of March 31, 2012 (48.0% of hours remaining as of April 1, 2012). The model indicates that 3,755,315 hours were worked on WSIPLA-Covered Projects as of March 31, 2012, which is 131.7% of the 2,852,038 hours recorded in the Elations system for WSIPLA-Covered Projects as of that date. Modeled hours are expected to be higher than actual hours at the program midpoint because total project hours are recognized in the model on a straight-line basis over the life of each project, and several of the largest projects will not reach peak employment until after March 31, 2012.

San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement WSIP Craft Hour Forecast as of March 31, 2012								
Craft Area	San		San		San Mateo	Santa Clara	Stanislaus	Total
	Alameda	Francisco	Joaquin					
Carpentry	96,166	39,730	1,191	93,114	1,436	7,248	238,886	
Concrete	416,694	180,418	4,253	261,181	4,567	8,629	875,742	
Electrical	69,421	144,283	5,563	155,048	6,058	13,874	394,246	
Heavy Equipment Operation	476,751	378,744	2,666	145,877	4,539	56,795	1,065,372	
Masonry	23,385	69,469	2,859	20,147	2,880	-	118,740	
Mechanical	217,623	128,299	4,450	143,473	6,351	57,265	557,461	
Painting	39,980	67,190	2,765	8,510	3,334	16,826	138,605	
Roofing	28,768	35,012	1,441	1,715	1,452	-	68,388	
Sheet Metal	7,029	35,012	1,441	937	1,452	-	45,870	
Structural Steel	60,565	101,684	3,722	34,327	3,996	7,550	211,845	
Trucking & Hauling	213,331	79,272	1,540	17,611	2,163	18,745	332,663	
Underground Tunnel Work	194,955	-	-	-	-	-	194,955	
	1,844,667	1,259,115	31,890	881,941	38,228	186,931	4,242,773	

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San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement WSIP Craft Hour Forecast as of March 31, 2012						
County	2012 - Nine					
	Months	2013	2014	2015	2016	Total WSIP
Alameda	687,524	760,729	251,843	122,037	22,533	1,844,667
San Francisco	110,877	188,792	518,295	422,422	18,730	1,259,115
San Joaquin	31,890	-	-	-	-	31,890
San Mateo	377,522	347,835	138,249	18,336	-	881,941
Santa Clara	16,807	14,281	7,140	-	-	38,228
Stanislaus	156,816	30,115	-	-	-	186,931
<b>Grand Total</b>	<b>1,381,436</b>	<b>1,341,752</b>	<b>915,527</b>	<b>562,795</b>	<b>41,263</b>	<b>4,242,773</b>

San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement WSIP Craft Hour Forecast as of March 31, 2012						
	2012 - Nine					
	Months	2013	2014	2015	2016	Total WSIP
Carpentry	80,140	90,622	46,419	20,131	1,573	238,886
Concrete	303,184	312,944	175,593	80,475	3,546	875,742
Electrical	110,138	111,293	101,389	66,478	4,949	394,246
Heavy Equipment Operation	311,334	340,842	267,077	137,726	8,392	1,065,372
Masonry	31,613	26,917	27,986	30,537	1,687	118,740
Mechanical	206,354	167,301	100,604	73,701	9,501	557,461
Painting	36,528	29,491	33,519	35,415	3,652	138,605
Roofing	8,727	28,939	14,481	15,391	850	68,388
Sheet Metal	8,365	6,909	14,356	15,391	850	45,870
Structural Steel	60,142	51,204	51,291	46,106	3,103	211,845
Trucking & Hauling	90,796	119,529	77,734	41,445	3,159	332,663
Underground Tunnel Work	134,116	55,760	5,079	-	-	194,955
<b>Grand Total</b>	<b>1,381,436</b>	<b>1,341,752</b>	<b>915,527</b>	<b>562,795</b>	<b>41,263</b>	<b>4,242,773</b>

### **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 ...”

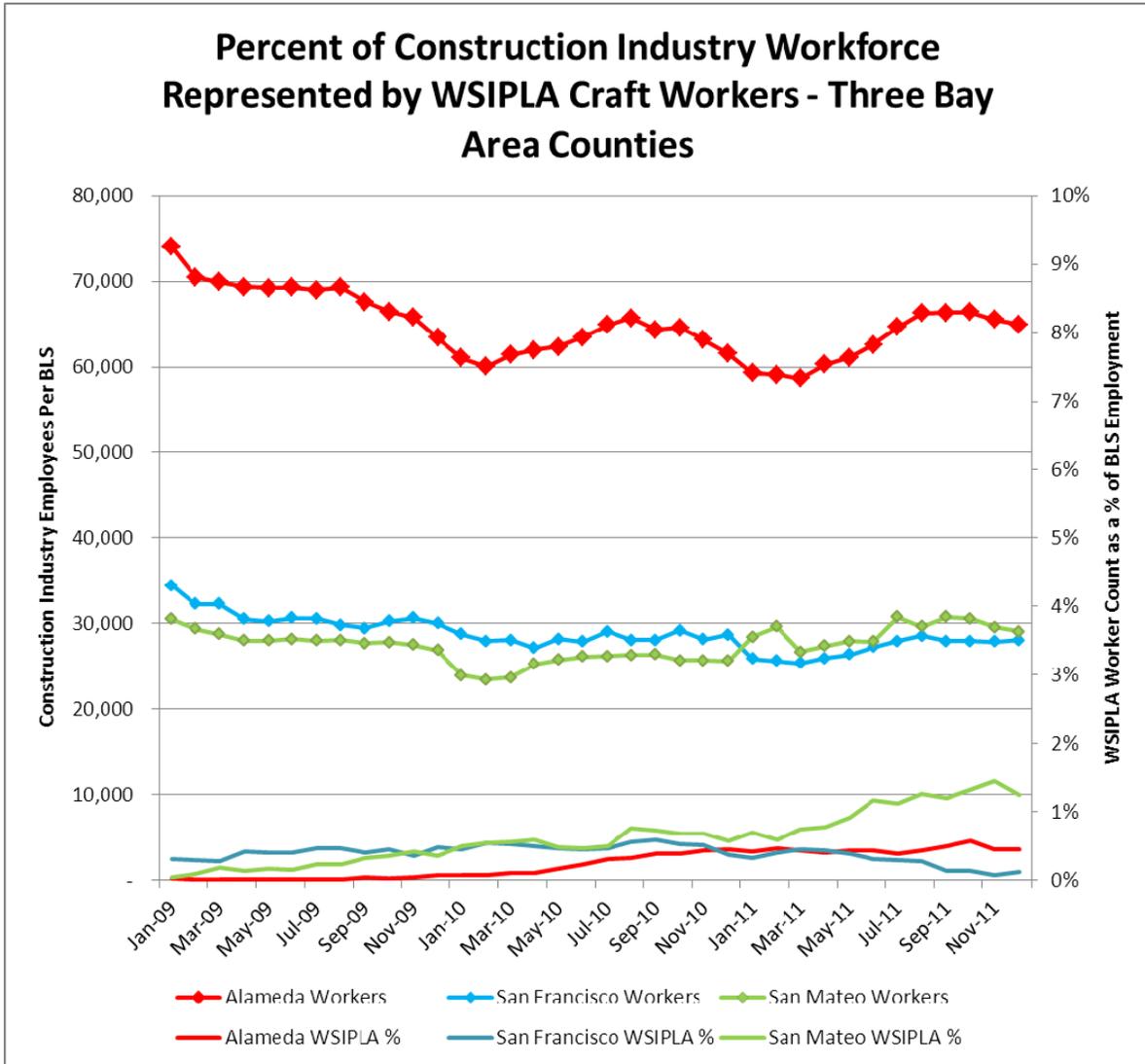
On March 26, 2007, the SFPUC approved the negotiated agreement, called the Water System Improvement Program Project Labor Agreement (the WSIPLA). The WSIPLA requires construction contractors to utilize workers dispatched by signatory unions, and prohibits the unions and contractors from participating 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 counties of Alameda, San Francisco, and San Mateo during the weekly pay period that

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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. Note that no QCEW estimates had been released for 2012 at the time this report was prepared.





HETCH HETCHY

WATER SYSTEM **IMPROVEMENT** PROGRAM

# **Water System Improvement Program Project Labor Agreement**

**Quarterly Report  
Quarter Ended June 30, 2012  
(Fourth Quarter 2011-2012)**

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San Francisco Public Utilities Commission  
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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 provide employment for construction workers employed by union-signatory and non-union construction contractors. Forty WSIP contracts awarded subject to the WSIPLA in the amount of \$1.806 Billion through June 30, 2012 represent 80.9% of the total estimated construction contracts projected to be awarded subject to the WSIPLA.

#### Construction Activity Highlights – Program-to-Date

##### Contracting:

- Forty construction contracts with a value of \$1.806 Billion have been awarded subject to the WSIPLA.
- The total of the range of the advertised construction cost estimates for the forty contracts awarded subject to the WSIPLA was \$2.076 Billion at the low end to \$2.335 Billion at the high end. The \$1.806 Billion awarded is 87.0% of the low end of the engineer's estimate.
- 9.5% of the \$1.806 Billion awarded or \$171.0 Million was awarded to Certified LBE Contractors. Each award met or exceeded the LBE subcontracting goal established by the San Francisco Human Rights Commission.
- Five Certified LBE Prime Contractors were awarded \$32.1 Million, representing 2.1% of the \$1.502 Billion awarded to Prime Contractors.
- 116 LBE-Certified Sub-Contractors were awarded \$138.8 Million representing 45.6% of the \$293.0 Million awarded to Sub-Contractors.
- 81 San Francisco Certified LBE sub-contractors were awarded \$61.3 Million representing 20.1% of the \$304.7 Million awarded to Sub-Contractors.
- 35 SFPUC-Certified Regional Sub-Contractors were awarded \$77.5 Million representing 25.4% of the \$304.7 Million awarded to Sub-Contractors.

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Employment:

- Since inception of the WSIPLA 7,044 construction workers were employed for 3,235,357 hours on PLA-Covered WSIP projects, and earned wages of \$120,392,076.
- 585 San Francisco residents worked 237,857 hours on WSIPLA-Covered WSIP Projects and earned \$8,693,442, representing or 7.35% of covered hours and 114 full-time equivalent worker years.
- 3,016 residents of the Water Service Territory worked 1,401,939 hours on WSIPLA-Covered WSIP Projects and earned wages of \$51,390,402, representing 43.3% of covered hours and 674 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.
- 7,981 pre-employment substance abuse tests have been administered to employees cleared to work on WSIPLA-covered projects as of June 30, 2012, and 107 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 June 30, 2012

Contracting:

Three construction contracts were awarded subject to the WSIPLA during the Quarter Ended June 30, 2012.

- WD-2629-Seismic Upgrade of Bay Division Pipeline Nos. 3&4 at the Hayward Fault was awarded to Steve P. Rados, Inc. in the amount of \$31,320,000. The Engineer's estimate was \$49 to \$54 Million.
- WD-2627R- Sutro Reservoir Rehabilitation and Seismic Upgrade was awarded to S.J.Amoroso Construction Co., Inc. in the amount of \$27,453,000. The Engineer's estimate was \$28 to \$36 Million.
- WD-2666-Bioregional Habitat Restoration, Sheep Camp Creek was awarded to Shimmick Construction in the amount of \$3,912,500. The Engineer' estimate was \$2.7 Million.

Employment:

- During the Quarter ended June 30, 2012, 1,703 construction workers were employed for 373,882 hours on PLA-Covered WSIP projects, and earned wages of \$14,331,642.
- During the Quarter ended June 30, 2012, 107 San Francisco residents worked 18,382 hours on PLA-Covered WSIP projects and earned wages of \$675,392.
- During the Quarter ended June 30, 2012, 703 residents of the Water Service Territory worked 154,817 hours on PLA-Covered WSIP projects and earned wages of \$5,823,672. The Water Service Territory consists of zip codes outside of

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San Francisco, both in the vicinity of WSIP construction and within which the SFPUC delivers water.

- During the Quarter ended June 30, 2012, 551 negative pre-employment substance abuse tests were administered under the provisions of the WSIPLA Substance Abuse Policy and 3 individuals were prevented from working as the result of positive tests.

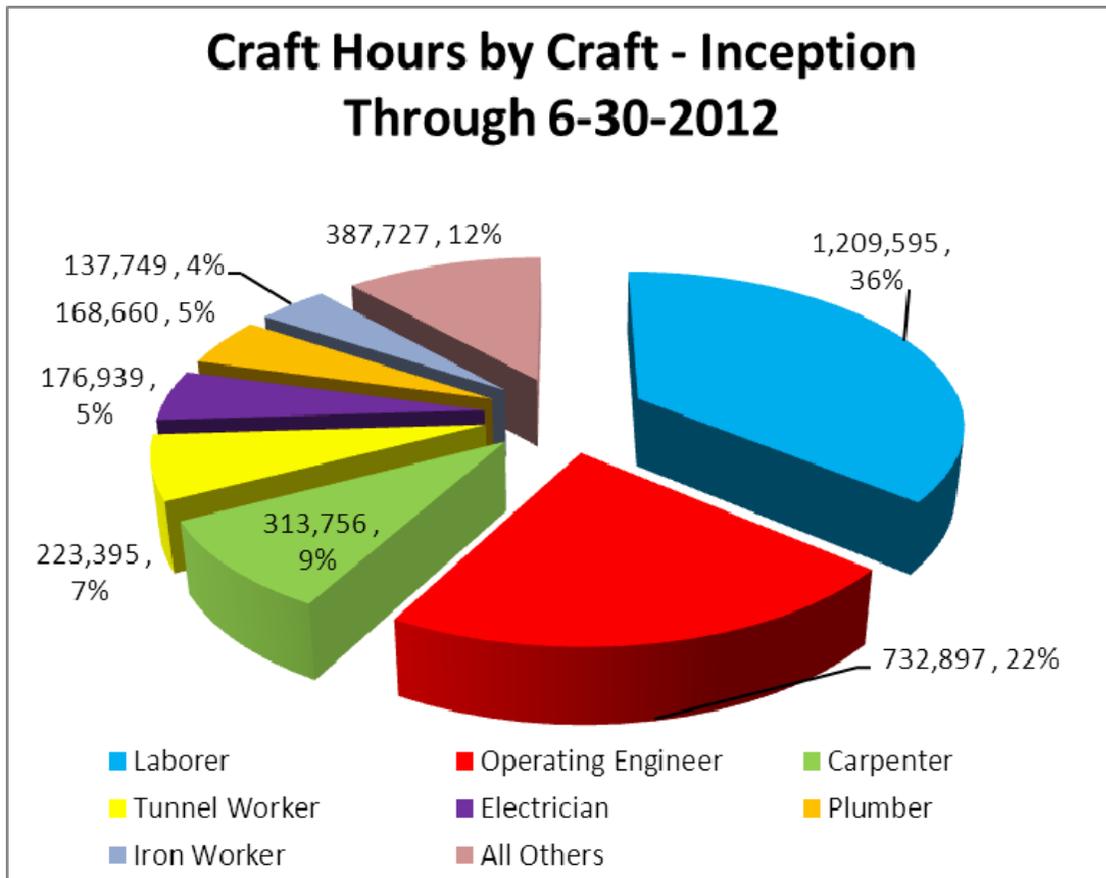
### Summary of Craft Worker Employment

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 June 30, 2012 Employment Summary by Worker Residence and PLA Coverage								
Residence/ Project Type	Inception thru June 30, 2012				Three Months Ended June 30, 2012			
	Worker Count	FTE	Sum of Hours	Sum of Wages	Worker Count	FTE	Sum of Hours	Sum of Wages
<b>All Workers</b>								
Advanced Meter Inf.	152	55	115,360	\$ 4,943,647	71	9	19,336	\$ 827,324
WSIP with PLA	7,044	1,555	3,235,357	120,392,076	1,703	180	373,882	14,331,642
WSIP without PLA	884	143	297,178	9,517,933	86	2	3,498	139,490
Total	8,080	1,754	3,647,896	\$ 134,853,656	1,860	191	396,716	\$ 15,298,457
<b>SF Residents</b>								
Advanced Meter Inf.	58	18	38,258	\$ 1,638,133	22	3	6,122	\$ 262,412
WSIP with PLA	585	114	237,857	8,693,442	107	9	18,382	675,392
WSIP without PLA	106	13	27,490	845,956	11	0	931	35,327
Total	749	146	303,605	\$ 11,177,532	140	12	25,435	\$ 973,131
<b>Svc. Territory Res.</b>								
Advanced Meter Inf.	54	23	47,793	\$ 1,929,676	21	3	5,876	\$ 222,599
WSIP with PLA	3,016	674	1,401,939	51,390,402	703	74	154,817	5,823,672
WSIP without PLA	316	39	81,117	2,602,779	25	0	579	27,294
Total	3,386	736	1,530,849	\$ 55,922,858	749	78	161,272	\$ 6,073,565
<b>Outside Residents</b>								
Advanced Meter Inf.	42	14	29,309	\$ 1,375,837	28	4	7,339	\$ 342,313
WSIP with PLA	3,592	767	1,595,561	60,308,231	897	96	200,684	7,832,578
WSIP without PLA	469	91	188,571	6,069,198	50	1	1,988	76,869
Total	4,103	872	1,813,441	\$ 67,753,266	975	101	210,010	\$ 8,251,761

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The following chart summarizes WSIPLA – Covered craft employment, including the WSIP and Advanced Meter Infrastructure Project, for crafts with at least 130,000 craft hours as of June 30, 2012. Carpenters, Laborers, and Operating Engineers combined represent 67.3% of total craft hours.



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**Summary of Contracts Awarded**

As of its last meeting in the Quarter ended June 30, 2012, the SFPUC had awarded forty WSIP construction contracts in the amount of \$1.806 Billion subject to the WSIPLA. The total of the ranges of the advertised engineer's estimates for these contracts was \$2.075 Billion at the low end to \$2.336 Billion at the high end. The \$1.806 Billion awarded is 87.1% 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 Forty Contracts Awarded Subject to the WSIPLA as of June 30, 2012			
<b><u>Prime Contractors</u></b>	<u>Number of Contractors</u>	<u>Award</u>	<u>Percent of Total Awarded</u>
PUC Certified	1	\$ 4,320,736	0.24%
San Francisco Certified	4	27,823,395	1.54%
Not Certified	20	1,469,594,421	81.35%
<b><u>Sub Contractors</u></b>			
PUC Certified	35	77,463,385	4.29%
San Francisco Certified	81	61,348,267	3.40%
Not Certified	105	165,860,275	9.18%
	246	\$ 1,806,410,479	100.00%

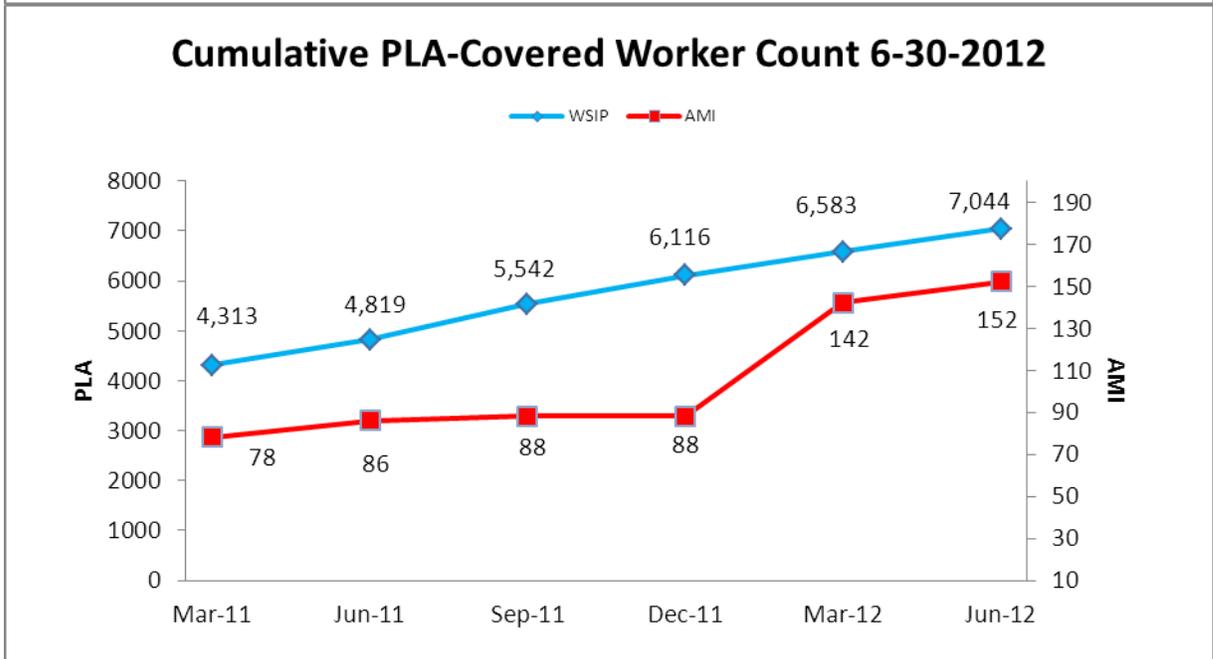
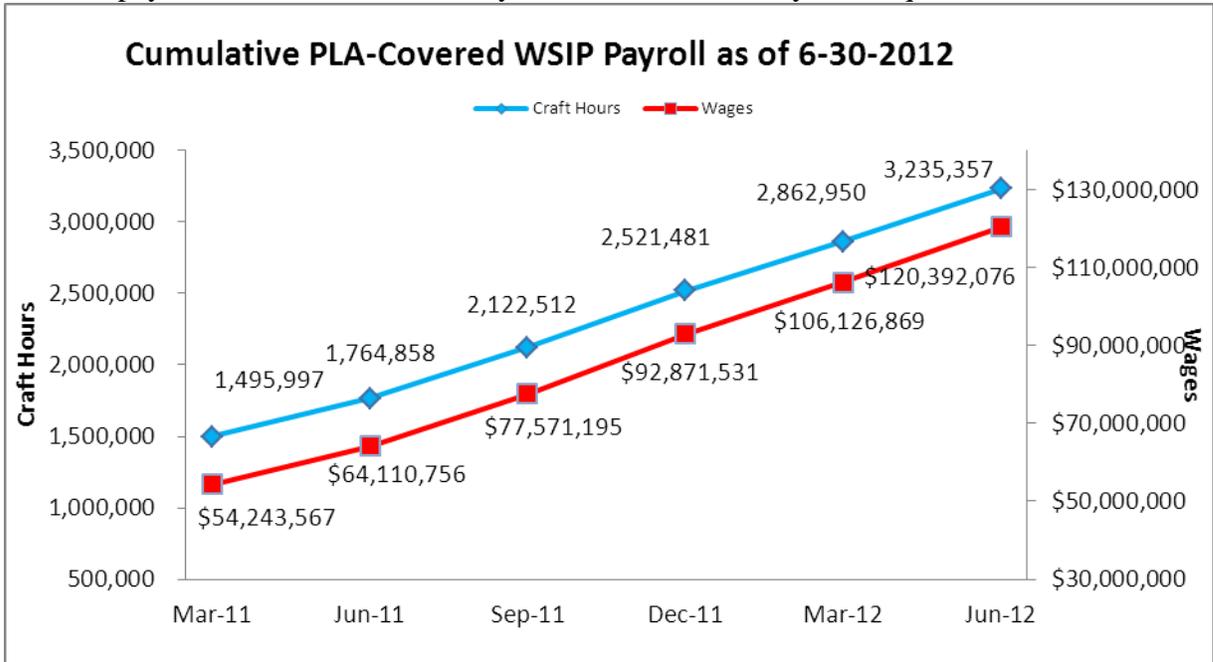
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San Francisco Public Utilities Commission Construction Contracts Awarded Subject to the WSIPLA through June 30, 2012				
<u>Contract No.</u>	<u>Prime Contractor</u>	<u>Project</u>	<u>Engineer's Estimate</u>	<u>Award</u>
WD-2504	S.J. Amoroso	Stanford Heights Reservoir Seismic Retrofit	\$18 to \$24 Million	\$ 17,899,960
WD-2511	Power Engineering	Standby Power Facilities, Various Locations	\$5.7 Million	8,419,000
WD-2501	Monterey Mechanical	Alemany Pump Station	\$18 to \$22 Million	23,269,000
WD-2469	Cal State Constructors	Forest Knolls Pump Station and Storage Tank	\$5.5 to \$7 Million	6,547,000
WD-2564	NTK Construction	Harry Tracy Water Treatment Plant-Short Term	\$15 to \$18 Million	13,824,000
WD-2543	Shaw Pipeline Inc.	North University Mound System Upgrade	\$15 to \$18 Million	13,529,370
DB-116	PCL Constructors	Tesla Treatment Facility	\$90 Million	81,420,562
WD-2498	Shank/Balfour-Beatty	New Crystal Springs Bypass Tunnel	\$55 to \$65 Million	55,674,000
WD-2529	KJ Woods	Noe Valley Transmission Main- Phase 2	\$6 to \$8 Million	5,724,000
WD-2556	JMB Construction	Baden and San Pedro Valve Lot Improvements	\$15 to \$18 Million	11,536,500
WD-2548	Western Water	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	University Mound Reservoir North Basin	\$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	Pulgas Reservoir Structural Rehabilitation	\$14 to \$18 Million	12,857,000
WD-2541	Ranger Pipelines Inc	Bay Division Pipeline Reliability Upgrade-East Bay	\$88 to \$98 Million	61,558,005
WD-2589	Ranger Pipelines Inc	Supervisory Control and Data Acquisition Phase II	\$10.6 Million	3,847,250
WD-2542	Mountain Cascade,	Bay Division Pipeline No. 5 - Peninsula Reaches	\$62 to \$69 Million	52,183,400
WD-2531	Michels/JayDee/Coluccio, JV	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	\$109 Million	83,102,160
WD-2581	Southland/Tutor Perini JV	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 Proiect	\$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	\$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 Constrmction,	San Joaquin Pipeline System - Eastern Segment	\$52 to \$57 Million	45,329,416
WD-2652	Gordon N. Ball, Inc	Bioregional Habitat Restoration, San Antonio Creek	\$13 Million	12,947,400
HH-953	Azul Works, Inc.	Tesla Portal Protection	\$2.4 Million	2,760,000
WD-2600	Road Runner Drilling	Regional Groundwater Storage and Recovery	\$3.6 to \$4.2 Million	2,998,685
WD-2665	Steve P. Rados	Cordilleras Micro Tunnel	\$5.8 Million	5,251,100
WD-2629	Steve P. Rados	Bay Division Pipeline 3&4 at the Hayward Fault	\$49 to \$54 Million	31,320,000
WD-2627R	S.J.Amoroso	Sutro Reservoir Rehabilitation	\$28 to \$36 Million	27,453,000
WD-2666	Shimmick Construction	Bioregional Habitat Restoration, Sheep Camp Creek	\$2.7 Million	3,912,500
Total Forty Contracts				\$ 1,806,410,479

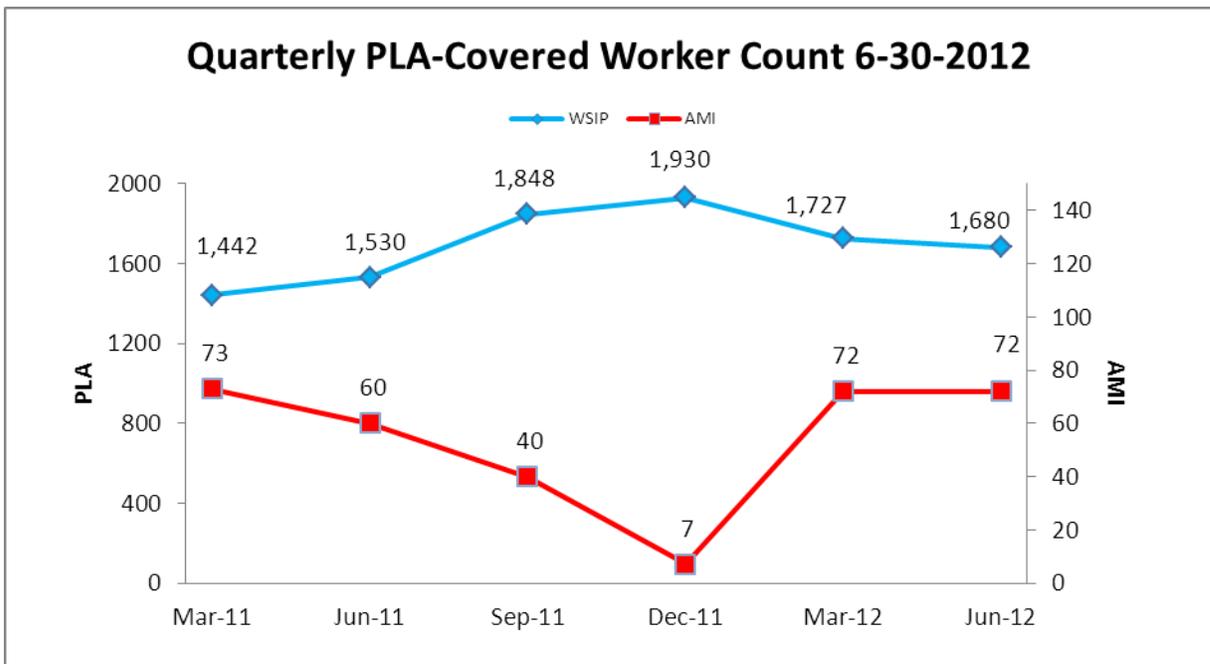
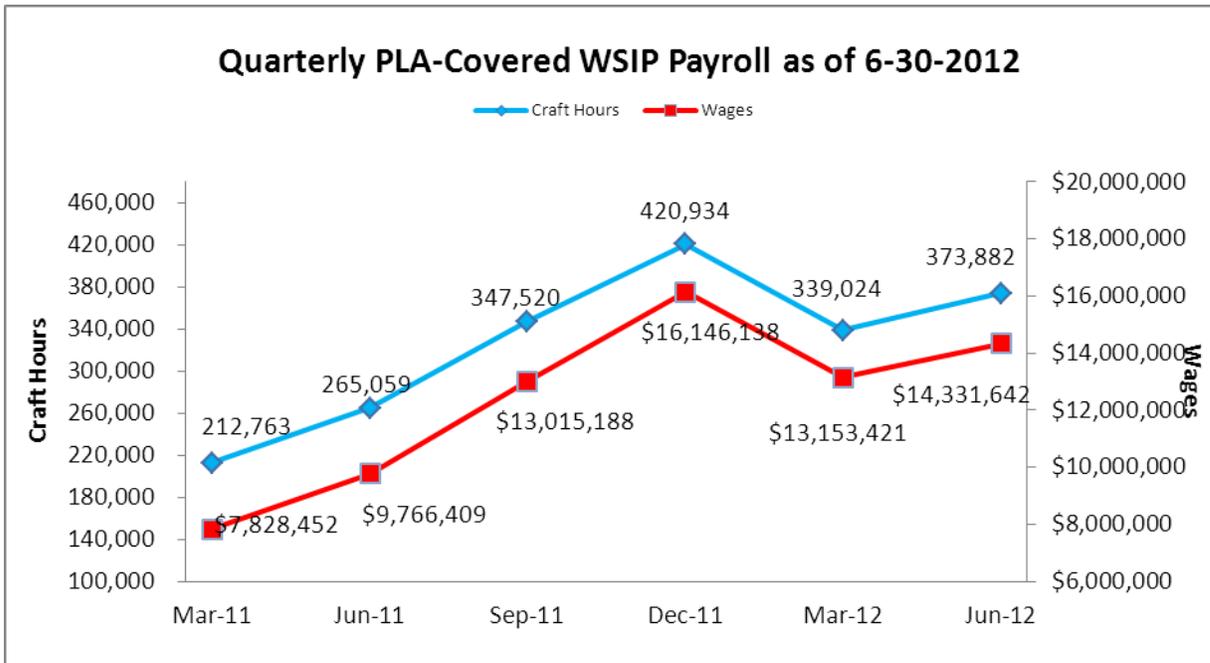
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**Craft Worker Employment on the WSIPLA**

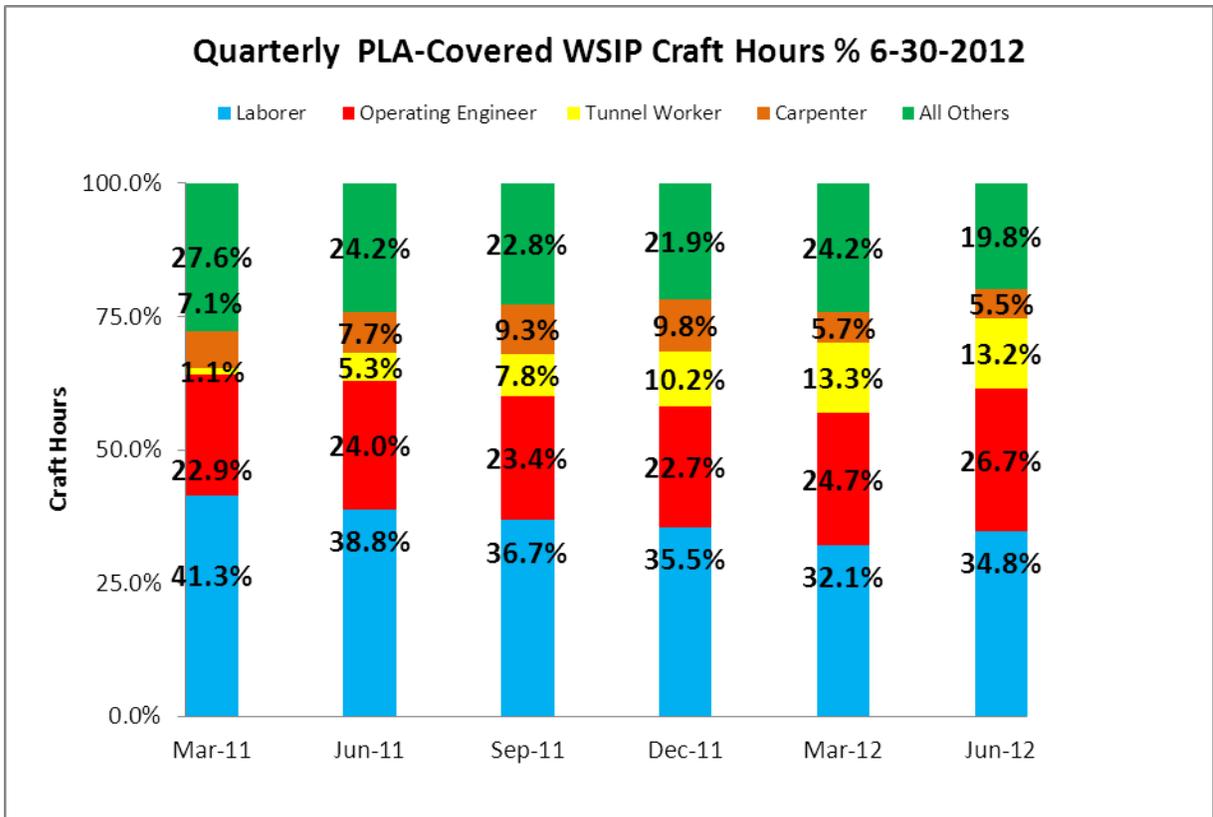
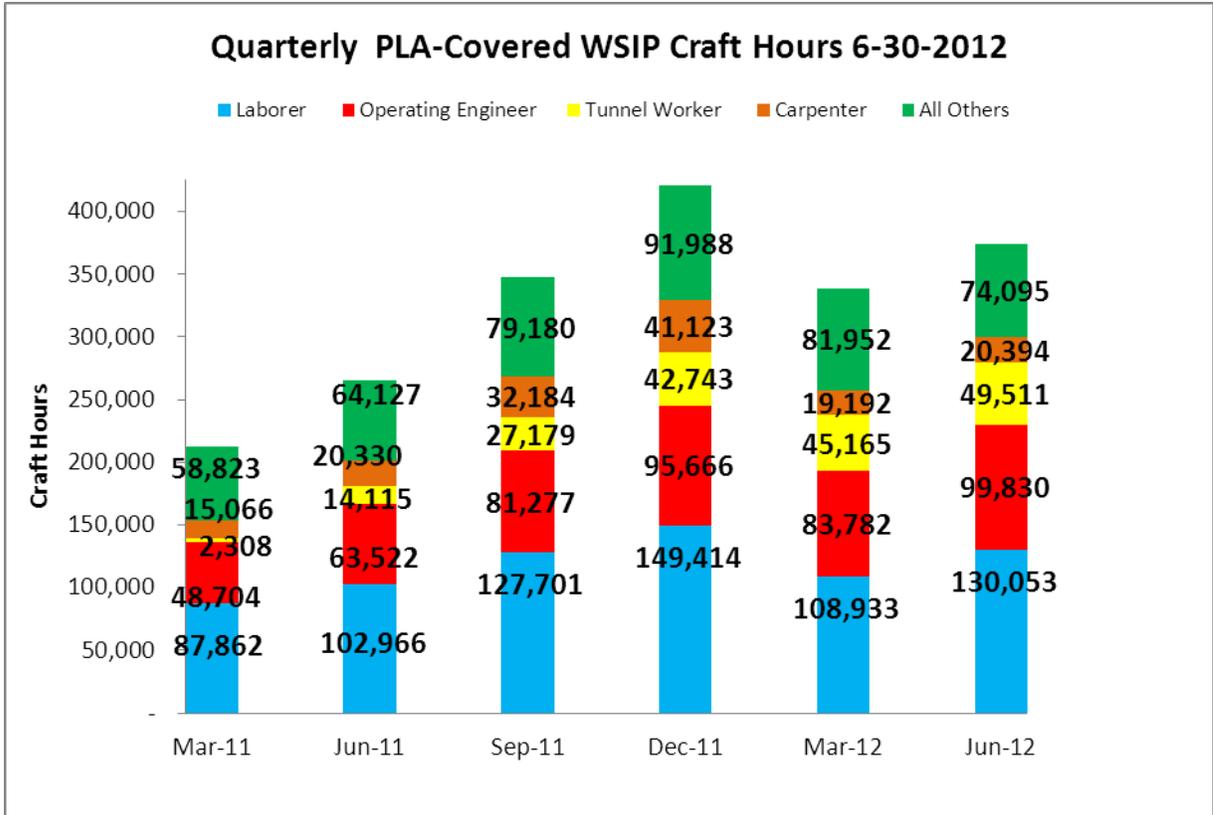
The following charts summarize craft worker employment under the WSIPLA for the last six quarters. The first and second tables are cumulative balances at the end of each quarter, and the third and fourth tables represent employment during each quarter. The fifth and sixth tables represent quarterly participation 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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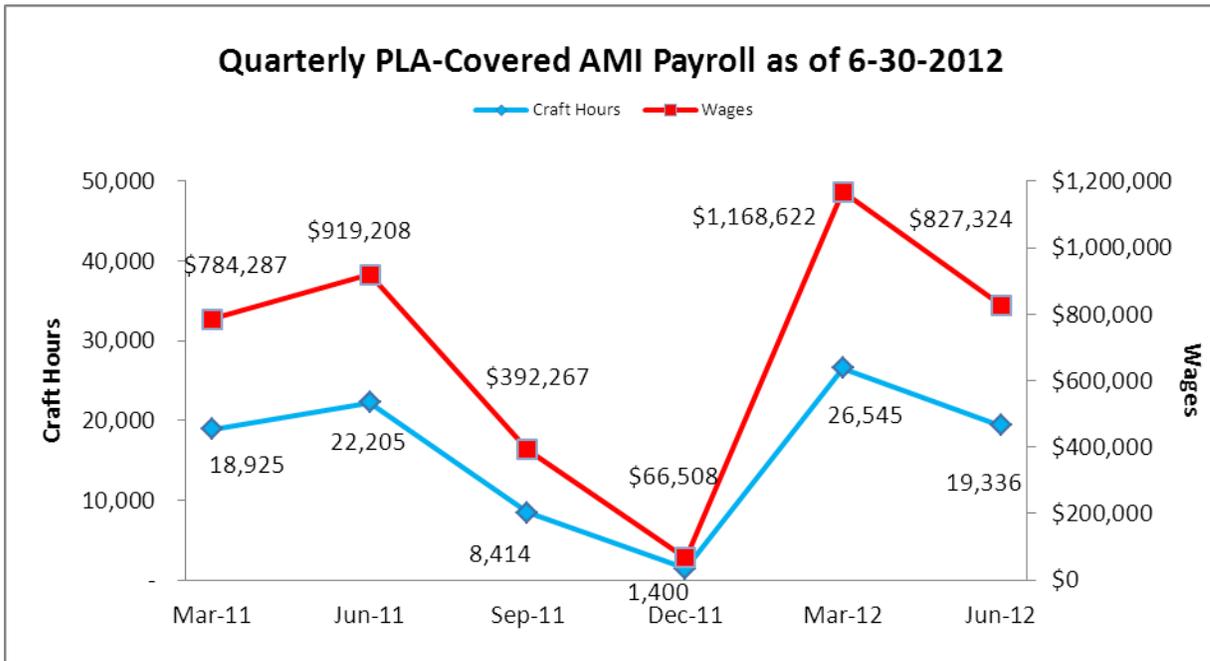
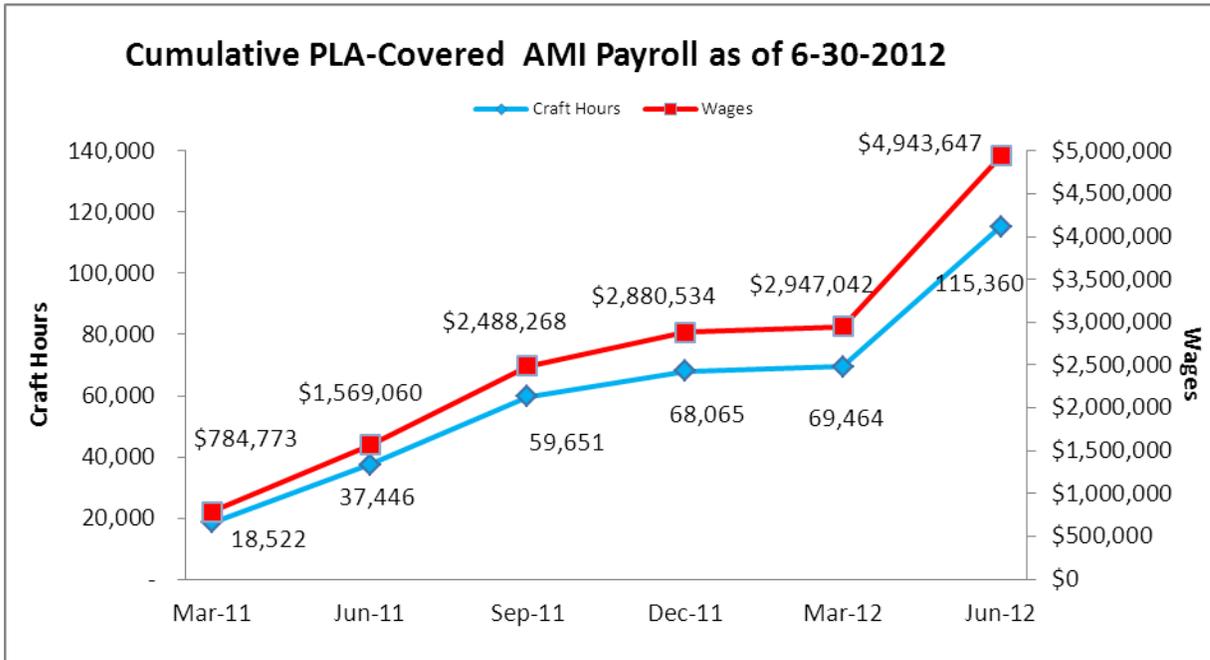


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Work commenced on contract CS-936 Advanced Meter Infrastructure during the Quarter ended June 30, 2010 to replace all water meters in San Francisco. This work is covered by the WSIPLA, funding is provided by the SFPUC operating budget, and 99.9% of the craft hours have been worked by Plumbers.



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**Craft Utilization on the WSIPLA**

As of June 30, 2012, contractors had reported craft hours in 53 craft-worker classifications which the SFPUC summarizes into 25 craft areas reflecting all PLA-Covered work through June 30, 2012. 69.7% 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 June 30, 2012, 115,218 craft hours had been reported on the AMI (99.9% Plumbers) representing \$4,937,409 in covered wages.

San Francisco Public Utilities Commission WSIP - Project Labor Agreement Covered Employment by Craft Inception Through June 30, 2012								
Craft	Craft Hours			Wages	% Craft Hours		% Wages	FTE's
	AMI	WSIP	Total PLA	Total PLA	AMI	WSIP	Total PLA	
LABORER	142	1,209,453	1,209,595	\$ 36,160,473	0.1%	37.4%	28.9%	581.5
OPERATING ENGINEER		732,897	732,897	28,919,128		22.7%	23.1%	352.4
CARPENTER		313,756	313,756	12,561,574		9.7%	10.0%	150.8
TUNNEL WORKER		223,395	223,395	9,104,603		6.9%	7.3%	107.4
ELECTRICIAN		176,939	176,939	8,631,484		5.5%	6.9%	85.1
PLUMBER	115,218	53,442	168,660	7,562,079	99.9%	1.7%	6.0%	81.1
IRON WORKER		137,749	137,749	4,686,910		4.3%	3.7%	66.2
TEAMSTER		115,346	115,346	6,564,003		3.6%	5.2%	55.5
BOILERMAKER		68,393	68,393	3,145,981		2.1%	2.5%	32.9
PILE DRIVER		48,091	48,091	2,407,180		1.5%	1.9%	23.1
PAINTER		48,026	48,026	1,733,345		1.5%	1.4%	23.1
CEMENT MASON		43,704	43,704	1,522,898		1.4%	1.2%	21.0
ROOFER		31,140	31,140	1,047,947		1.0%	0.8%	15.0
FIELD SURVEYOR		9,103	9,103	376,520		0.3%	0.3%	4.4
SHEET METAL WORKER		7,304	7,304	316,910		0.2%	0.3%	3.5
ASBESTOS WORKER		6,590	6,590	184,435		0.2%	0.1%	3.2
BRICKLAYER		3,725	3,725	142,888		0.1%	0.1%	1.8
ELECTRICAL LINEMAN		2,293	2,293	125,006		0.1%	0.1%	1.1
PLASTERER		1,219	1,219	40,370		0.0%	0.0%	0.6
TELECOMM TECHNICIAN		1,160	1,160	37,245		0.0%	0.0%	0.6
GLAZIER		1,114	1,114	50,696		0.0%	0.0%	0.5
SLURRY SEAL WORKER		247	247	5,702		0.0%	0.0%	0.1
TILE FINISHER		128	128	2,783		0.0%	0.0%	0.1
TILE SETTER		115	115	4,277		0.0%	0.0%	0.1
TERRAZZO WORKER		31	31	1,286		0.0%	0.0%	0.0
	115,360	3,235,357	3,350,718	\$ 125,335,723	100%	100%	100%	1,611

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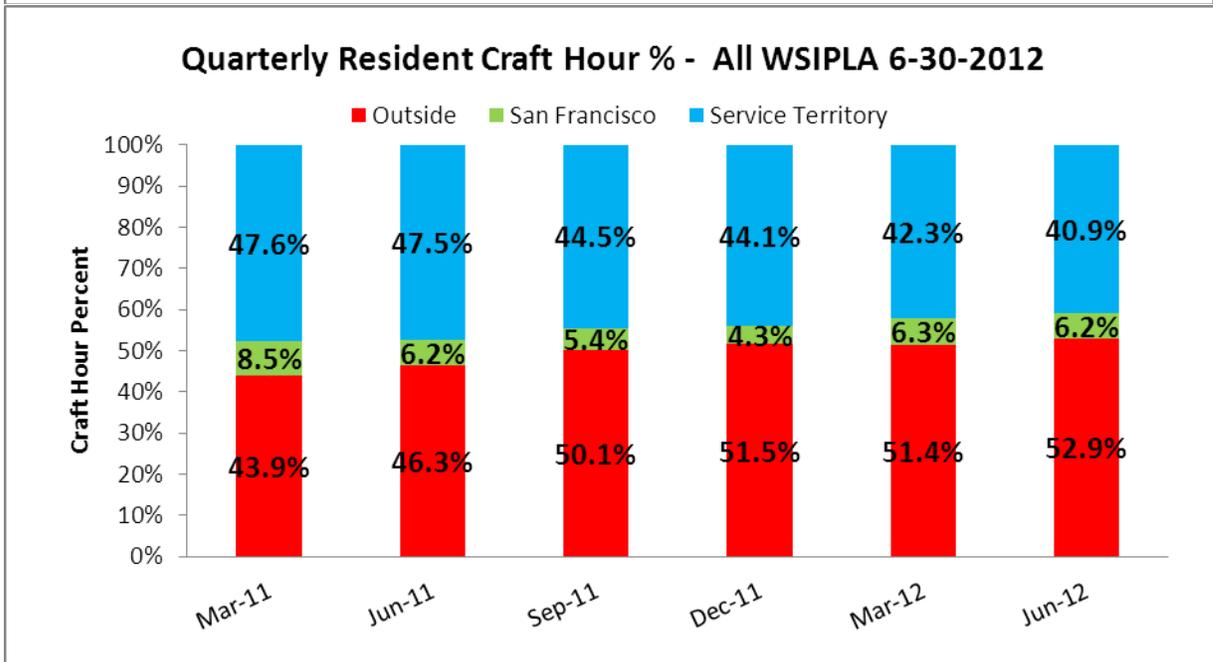
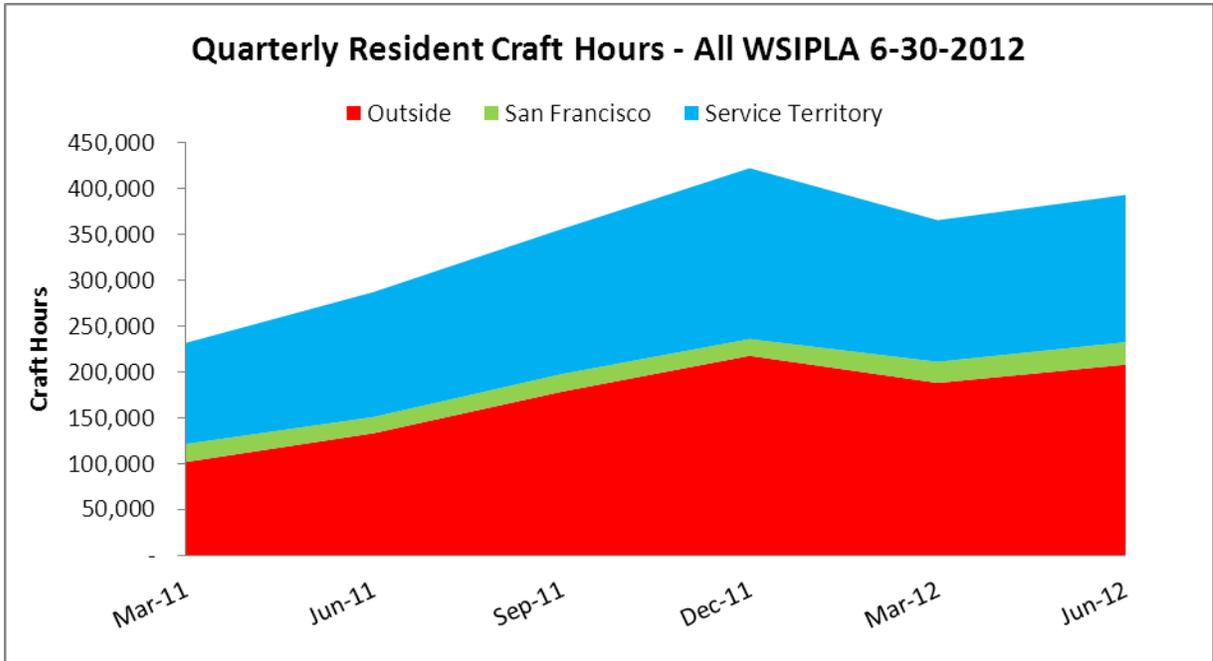
San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Craft Employment Summary for the Quarter Ended June 30, 2012 Employment Summary - Cumulative and Last Six Quarters							
	Cumulative thru June 30, 2012	QE 3-31-11	QE 6-30-11	QE 9-30-11	QE 12-31-11	QE 3-31-12	QE 6-30-12
<u>Craft Worker Earnings</u>							
LABORER	\$ 36,160,473	\$2,674,631	\$ 3,108,305	\$ 3,839,999	\$ 4,465,691	\$ 3,225,231	\$ 3,937,919
OPERATING ENGINEER	28,919,128	1,863,953	2,490,578	3,196,198	3,825,558	3,376,980	4,107,006
CARPENTER	12,561,574	605,962	825,058	1,313,832	1,720,678	784,363	833,595
TUNNEL WORKER	9,104,603	82,934	535,894	1,078,623	1,826,051	1,901,685	2,124,681
ELECTRICIAN	8,631,484	716,541	738,656	732,547	850,409	998,040	871,702
PLUMBER	7,562,079	898,068	1,136,352	668,968	407,301	1,543,932	1,348,791
TEAMSTER	6,564,003	434,561	417,454	810,677	809,457	658,007	450,823
IRON WORKER	4,686,910	554,124	294,044	471,137	462,103	273,737	256,596
BOILERMAKER	3,145,981	279,293	403,245	500,274	477,430	438,096	142,141
PILE DRIVER	2,407,180	65,939	117,380	320,834	571,310	490,333	501,428
PAINTER	1,733,345	145,848	71,568	147,486	248,376	306,616	289,503
CEMENT MASON	1,522,898	84,973	87,201	157,268	278,221	136,524	142,698
ROOFER	1,047,947	81,210	352,741	47,892	46,279	37,029	7,958
FIELD SURVEYOR	376,520	31,473	33,215	64,612	52,145	62,497	62,380
SHEET METAL WORKER	316,910	18,838	14,152	15,161	32,768	25,807	17,215
ASBESTOS WORKER	184,435	10,692	33,881	23,904	57,838	13,794	25,598
BRICKLAYER	142,888	17,701	21,552	2,831	15,756	8,504	903
ELECTRICAL UTILITY LINEMAN	125,006	8,104		14,501	60,327	27,430	11,925
GLAZIER	50,696	1,340	670	712	4,833	12,152	9,853
PLASTERER	40,370	10,020	827				15,196
TELECOMMUNICATIONS TECH	37,245	21,964	2,730				
SLURRY SEAL WORKER	5,702						1,058
TILE SETTER	4,277	2,565	116		116		
TILE FINISHER	2,783	2,003					
TERRAZZO WORKER	1,286					1,286	
	<b>\$125,335,723</b>	<b>\$8,612,739</b>	<b>\$10,685,617</b>	<b>\$13,407,454</b>	<b>\$16,212,646</b>	<b>\$14,322,043</b>	<b>\$15,158,966</b>
<u>Craft Hours Worked</u>							
LABORER	1,209,595	87,862	102,966	127,701	149,414	108,933	130,180
OPERATING ENGINEER	732,897	48,704	63,522	81,277	95,666	83,782	99,830
CARPENTER	313,756	15,066	20,330	32,184	41,123	19,192	20,394
TUNNEL WORKER	223,395	2,308	14,115	27,179	42,743	45,165	49,511
ELECTRICIAN	176,939	15,457	14,815	14,592	17,090	19,249	16,563
PLUMBER	168,660	21,055	26,794	13,646	7,656	33,383	29,837
IRON WORKER	137,749	15,574	8,667	14,150	12,767	7,558	7,639
TEAMSTER	115,346	7,013	7,478	14,071	14,260	11,790	8,738
BOILERMAKER	68,393	6,141	8,904	11,382	10,464	8,873	3,278
PILE DRIVER	48,091	996	2,728	6,511	9,793	10,251	11,208
PAINTER	48,026	3,553	1,794	4,110	7,086	8,736	8,075
CEMENT MASON	43,704	2,308	2,458	4,409	7,738	3,900	4,097
ROOFER	31,140	2,092	9,683	1,513	1,328	1,075	245
FIELD SURVEYOR	9,103	827	637	1,497	1,243	1,551	1,561
SHEET METAL WORKER	7,304	403	330	377	735	598	327
ASBESTOS WORKER	6,590	502	1,451	971	1,677	480	755
BRICKLAYER	3,725	477	487	90	336	213	22
ELECTRICAL UTILITY LINEMAN	2,293	159		259	1,103	500	226
PLASTERER	1,219	304	24				457
TELECOMMUNICATIONS TECH	1,160	693	64				
GLAZIER	1,114	32	16	17	113	311	230
SLURRY SEAL WORKER	247						49
TILE FINISHER	128	93					
TILE SETTER	115	72	3		3		
TERRAZZO WORKER	31					31	
	<b>3,350,718</b>	<b>231,688</b>	<b>287,264</b>	<b>355,934</b>	<b>422,334</b>	<b>365,568</b>	<b>393,218</b>

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**Worker Residence on the WSIPLA**

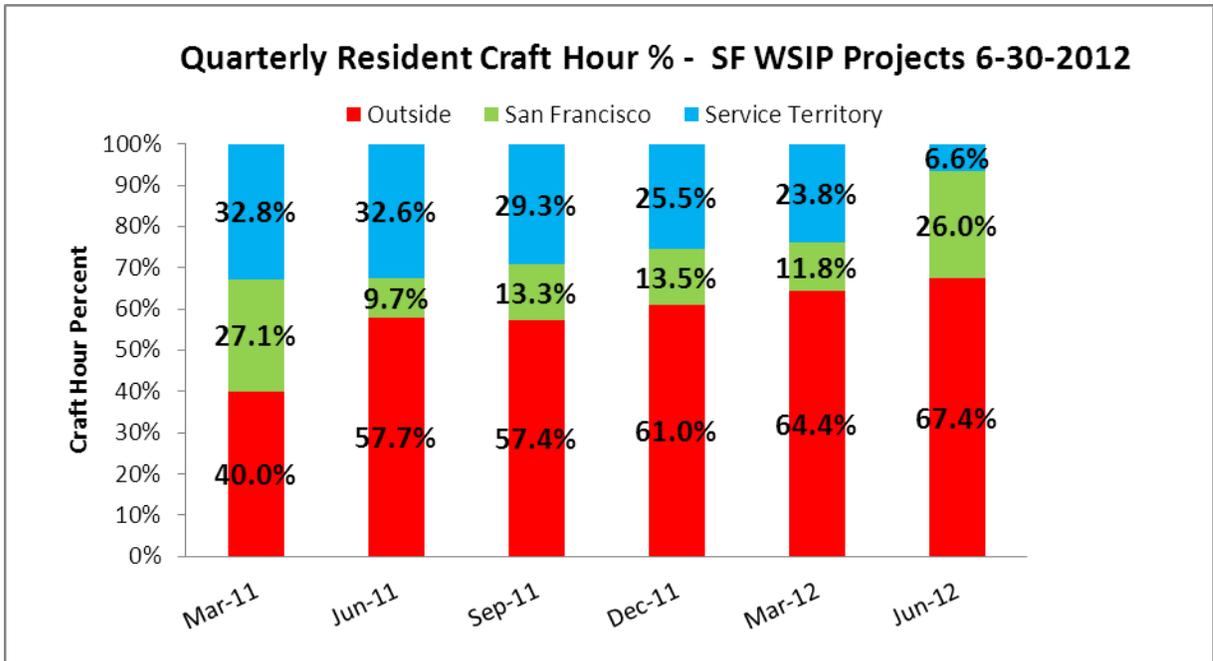
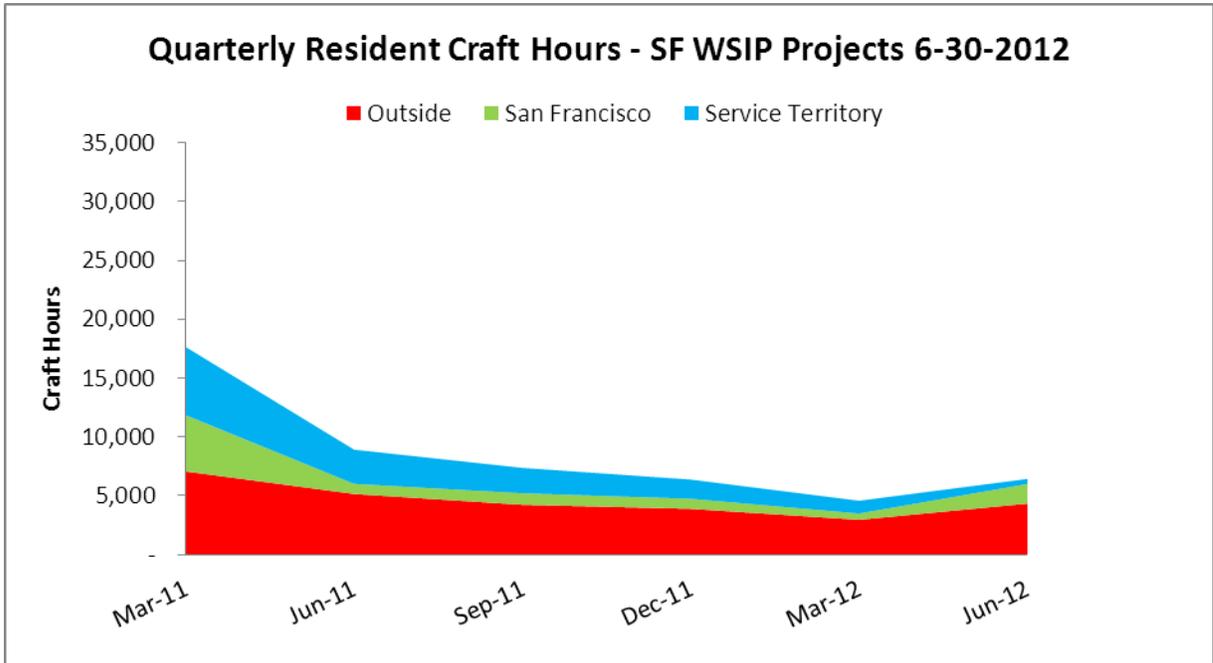
The following charts and tables summarize PLA-Covered craft hours recorded in the Elations Certified Payroll System through June 30, 2012. The Service Territory is defined as zip codes outside San Francisco within which the SFPUC wholesale water customers deliver water, plus zip codes impacted by WSIP construction.

All WSIPLA- Covered Projects



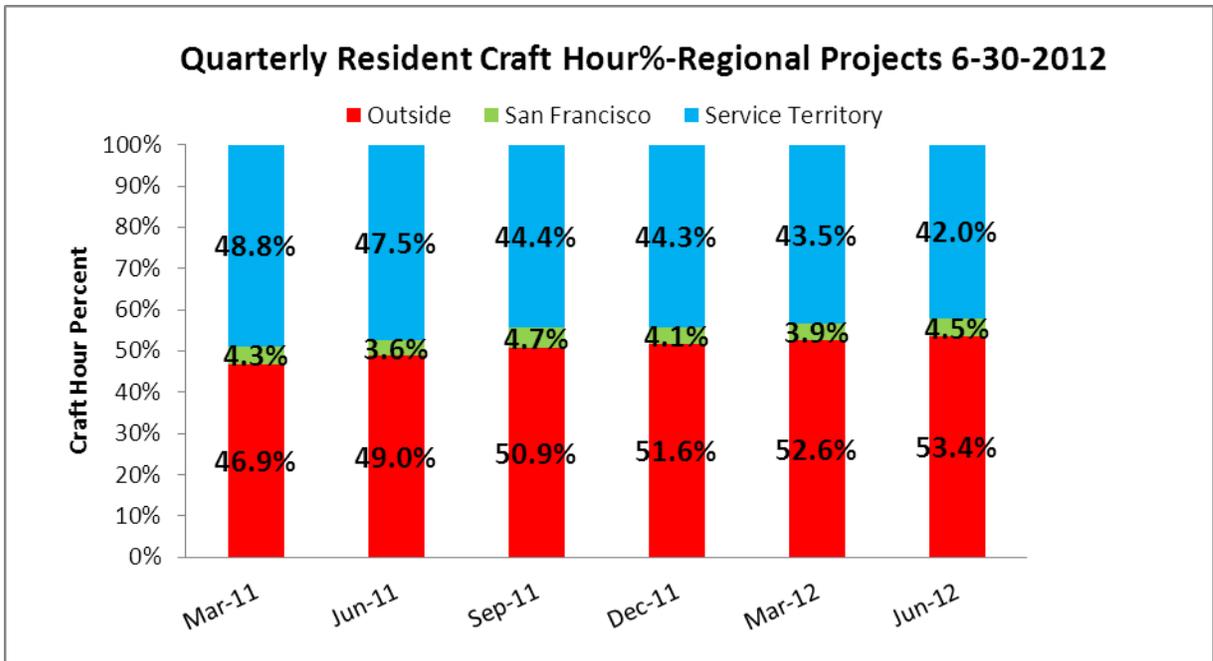
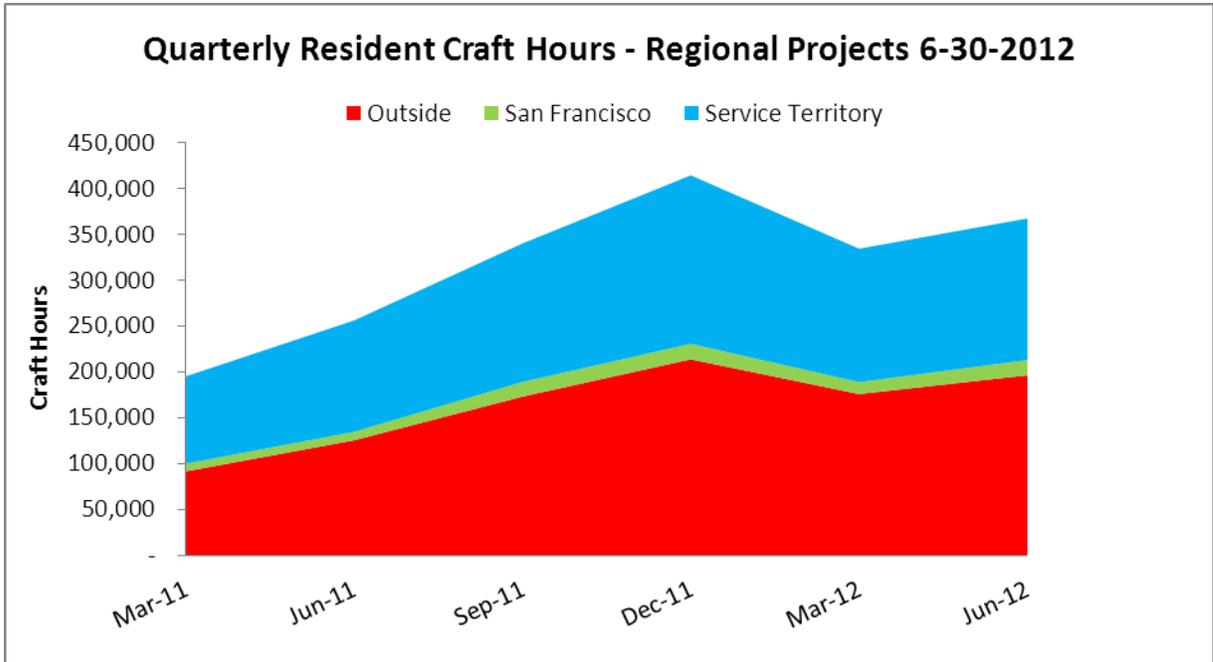
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SF Local WSIP Projects:



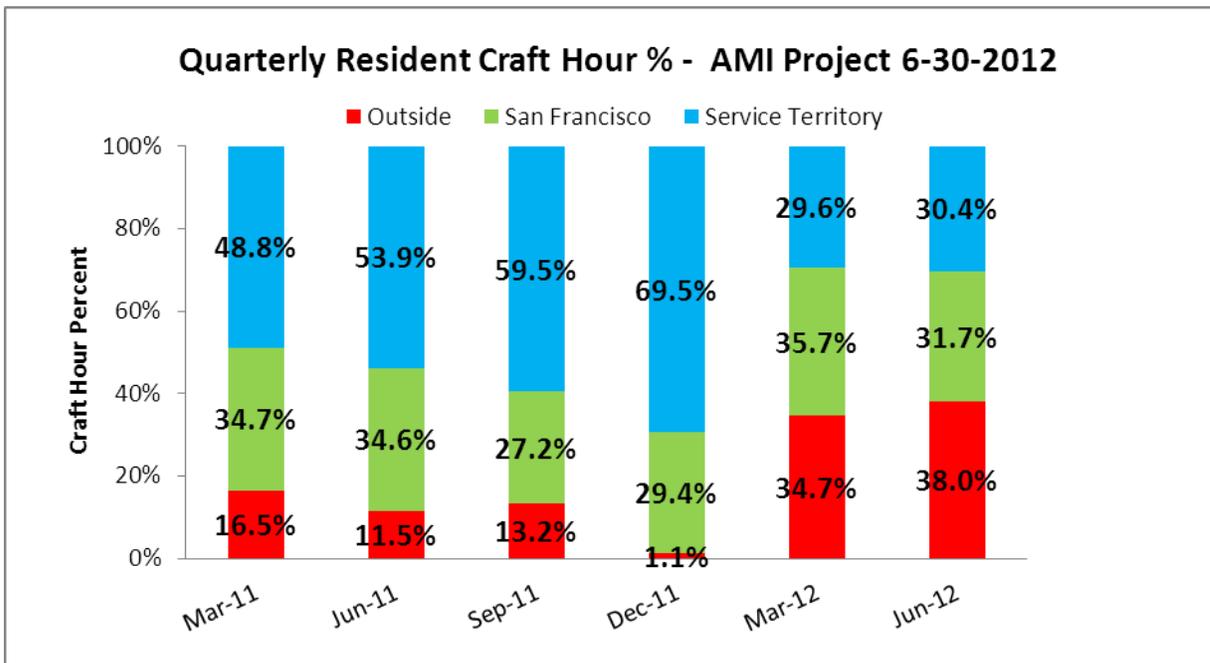
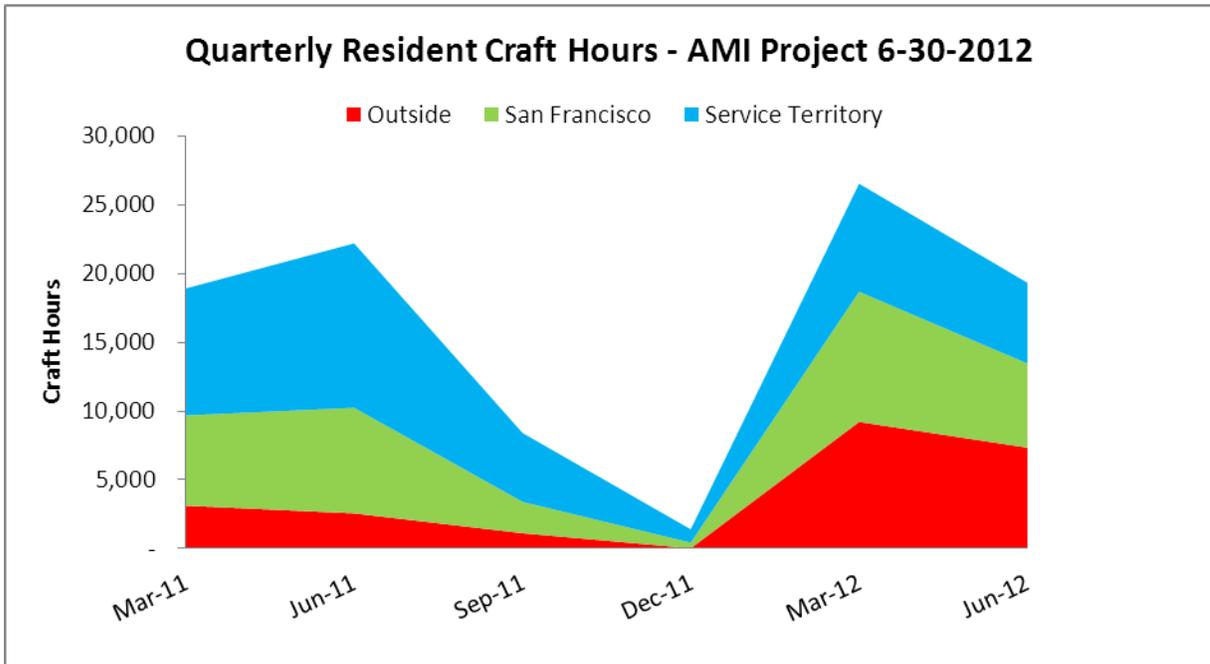
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Regional WSIP Projects:



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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 June 30, 2012 Employment Summary - Cumulative Employment of Residents by Craft						
Craft	Total Hours	San Francisco	Service Territory	Outside	% San Francisco	% Service Territory
LABORER	1,209,595	93,088	542,828	573,679	7.7%	44.9%
OPERATING ENGINEER	732,897	40,188	310,638	382,072	5.5%	42.4%
CARPENTER	313,756	42,728	136,422	134,606	13.6%	43.5%
TUNNEL WORKER	223,395	3,681	86,672	133,042	1.6%	38.8%
ELECTRICIAN	176,939	17,639	102,073	57,228	10.0%	57.7%
PLUMBER	168,660	42,277	63,844	62,538	25.1%	37.9%
IRON WORKER	137,749	11,550	56,083	70,116	8.4%	40.7%
TEAMSTER	115,346	15,392	71,004	28,950	13.3%	61.6%
BOILERMAKER	68,393	454	15,598	52,342	0.7%	22.8%
PILE DRIVER	48,091	2,230	7,924	37,937	4.6%	16.5%
PAINTER	48,026	1,048	3,769	43,209	2.2%	7.8%
CEMENT MASON	43,704	981	22,201	20,523	2.2%	50.8%
ROOFER	31,140	2,008	16,229	12,904	6.4%	52.1%
FIELD SURVEYOR	9,103	1,055	3,573	4,475	11.6%	39.3%
SHEET METAL WORKER	7,304	392	5,191	1,721	5.4%	71.1%
ASBESTOS WORKER	6,590	41	871	5,678	0.6%	13.2%
BRICKLAYER	3,725		2,750	975	0.0%	73.8%
ELECTRICAL UTILITY LINEMAN	2,293		155	2,139	0.0%	6.7%
PLASTERER	1,219	1,195	24		98.1%	1.9%
TELECOMMUNICATIONS TECH	1,160		1,088	72	0.0%	93.8%
GLAZIER	1,114	171	444	499	15.3%	39.9%
SLURRY SEAL WORKER	247		114	133	0.0%	46.2%
TILE FINISHER	128		128		0.0%	100.0%
TILE SETTER	115		113	2	0.0%	98.3%
TERRAZZO WORKER	31			31	0.0%	0.0%
<b>Total WSIPLA</b>	<b>3,350,718</b>	<b>276,115</b>	<b>1,449,732</b>	<b>1,624,870</b>	<b>8.2%</b>	<b>43.3%</b>

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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 June 30, 2012 Employment Summary - Cumulative Employment of Residents by Project						
	Total Hours	San Francisco	Service Territory	Outside	% San Francisco	% Service Territory
New Irvington Tunnel	291,913	763	126,312	164,839	0.3%	43.3%
Sunol Valley WTP	289,031	9,172	127,834	152,025	3.2%	44.2%
BDPL 5 - Peninsula	276,776	2,839	127,316	146,620	1.0%	46.0%
BDPL 5 - East Bay	208,018	14,163	84,390	109,465	6.8%	40.6%
Bay Tunnel	195,656	6,287	118,581	70,789	3.2%	60.6%
University Mound Reservoir	187,030	50,004	51,702	85,324	26.7%	27.6%
Crystal Springs / San Andreas	149,159	11,245	51,559	86,354	7.5%	34.6%
Tesla Treatment Facility	141,560	2,724	96,254	42,583	1.9%	68.0%
Alameda Siphon No. 4	128,815	1,450	58,036	69,329	1.1%	45.1%
New Crystal Springs Bypass Tunnel	117,860	6,825	64,924	46,112	5.8%	55.1%
Harry Tracy Long Term Impr	116,935	4,892	50,038	62,006	4.2%	42.8%
Advanced Meter Infrastructure	115,360	38,258	47,793	29,309	33.2%	41.4%
Lower Crystal Springs Dam	92,534	5,832	53,454	33,248	6.3%	57.8%
San Joaquin Pipeline West	91,408	417	36,931	54,060	0.5%	40.4%
Calaveras Dam	90,049	451	22,846	66,753	0.5%	25.4%
Lake Merced Pump Station	86,207	20,833	25,008	40,366	24.2%	29.0%
San Andreas Pipeline No.3	83,075	6,271	27,755	49,049	7.5%	33.4%
San Joaquin Crossovers	81,562	158	43,898	37,506	0.2%	53.8%
Crystal Springs Pipe # 2	77,073	22,188	23,029	31,856	28.8%	29.9%
Stanford Heights Reservoir	74,284	11,120	20,114	43,051	15.0%	27.1%
Alemanay Pump Station	73,664	7,878	28,780	37,005	10.7%	39.1%
North U Mound System	53,265	10,250	18,221	24,795	19.2%	34.2%
Pulgas Rehab and Roof	47,357	5,126	23,861	18,370	10.8%	50.4%
Harry Tracy WTP Short Term	43,049	7,220	12,845	22,984	16.8%	29.8%
San Joaquin Pipe East	39,257	37	18,279	20,941	0.1%	46.6%
BDPL Nos. 3&4 Crossover	37,592	9,031	12,480	16,082	24.0%	33.2%
Forest Knolls Pump Station	26,441	3,844	8,140	14,457	14.5%	30.8%
Noe Valley Transmission Main	22,511	3,918	8,054	10,539	17.4%	35.8%
Harding Park	22,128	4,872	13,083	4,173	22.0%	59.1%
Baden and San Pedro Valve Lot	19,937	4,570	13,421	1,947	22.9%	67.3%
San Antonio Pump Station	14,916	101	11,985	2,831	0.7%	80.3%
Homestead Pond	14,449	2,386	3,889	8,174	16.5%	26.9%
Roselle Crossovers	12,859		8,789	4,070	0.0%	68.3%
Standby Power Facilities	11,275	182	6,599	4,494	1.6%	58.5%
BHR - San Antonio Creek	6,788	267	1,930	4,591	3.9%	28.4%
Test Well Drilling	4,962		218	4,744	0.0%	4.4%
BDPL 5 Cordilleras Micro Tunnel	2,720		144	2,576	0.0%	5.3%
Tesla Portal Protection	1,648	432	619	597	26.2%	37.6%
SCADA System Phase II	1,498	113	605	781	7.6%	40.3%
San Mateo Creek	97		18	79	0.0%	18.7%
<b>Total WSIPLA</b>	<b>3,350,718</b>	<b>276,115</b>	<b>1,449,732</b>	<b>1,624,870</b>	<b>8.2%</b>	<b>43.3%</b>

Craft Worker Residence by County – All WSIPLA Covered Projects

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San Francisco Public Utilities Commission WSIP - Project Labor Agreement Covered Employment by County of Residence Inception Through June 30, 2012								
County	Craft Hours			Wages	% Craft Hours			FTE's
	AMI	WSIP	Total PLA	Total PLA	AMI	WSIP	Total PLA	
Alameda	5,002	619,667	624,669	\$ 22,135,938	4.3%	19.2%	18.6%	300.3
Contra Costa	2,866	440,868	443,734	16,351,724	2.5%	13.6%	13.2%	213.3
San Joaquin	2,196	325,428	327,624	11,387,971	1.9%	10.1%	9.8%	157.5
San Mateo	40,494	273,511	314,005	12,601,741	35.1%	8.5%	9.4%	151.0
San Francisco	38,258	237,857	276,115	10,331,575	33.2%	7.4%	8.2%	132.7
Santa Clara	978	213,572	214,550	7,900,770	0.8%	6.6%	6.4%	103.1
Stanislaus		156,987	156,987	5,493,687	0.0%	4.9%	4.7%	75.5
Sacramento	94	127,950	128,044	4,970,222	0.1%	4.0%	3.8%	61.6
Out of State	11,581	110,115	121,696	5,587,470	10.0%	3.4%	3.6%	58.5
Solano	679	115,195	115,874	4,207,187	0.6%	3.6%	3.5%	55.7
Sonoma	7,467	64,102	71,569	2,730,098	6.5%	2.0%	2.1%	34.4
Butte		63,377	63,377	2,489,258	0.0%	2.0%	1.9%	30.5
Calaveras		48,473	48,473	1,949,277	0.0%	1.5%	1.4%	23.3
Tuolumne		41,189	41,189	1,527,559	0.0%	1.3%	1.2%	19.8
Fresno		35,416	35,416	1,204,999	0.0%	1.1%	1.1%	17.0
San Bernardino		33,548	33,548	1,391,331	0.0%	1.0%	1.0%	16.1
Riverside		27,631	27,631	1,153,123	0.0%	0.9%	0.8%	13.3
Los Angeles		26,480	26,480	1,056,318	0.0%	0.8%	0.8%	12.7
Merced		24,871	24,871	867,167	0.0%	0.8%	0.7%	12.0
Napa		22,054	22,054	900,440	0.0%	0.7%	0.7%	10.6
Madera		21,326	21,326	810,338	0.0%	0.7%	0.6%	10.3
Placer		20,276	20,276	823,952	0.0%	0.6%	0.6%	9.7
Monterey		20,268	20,268	707,302	0.0%	0.6%	0.6%	9.7
Yolo		19,360	19,360	686,110	0.0%	0.6%	0.6%	9.3
Shasta		17,469	17,469	674,311	0.0%	0.5%	0.5%	8.4
El Dorado		17,178	17,178	617,959	0.0%	0.5%	0.5%	8.3
Santa Cruz		14,801	14,801	556,830	0.0%	0.5%	0.4%	7.1
Orange		12,346	12,346	565,499	0.0%	0.4%	0.4%	5.9
Amador		9,756	9,756	365,480	0.0%	0.3%	0.3%	4.7
Marin	4,416	5,118	9,534	424,388	3.8%	0.2%	0.3%	4.6
San Diego	1,243	7,375	8,617	385,611	1.1%	0.2%	0.3%	4.1
Yuba		7,510	7,510	297,292	0.0%	0.2%	0.2%	3.6
San Luis Obispo	48	7,046	7,094	315,924	0.0%	0.2%	0.2%	3.4
San Benito		6,944	6,944	243,739	0.0%	0.2%	0.2%	3.3
Nevada		5,499	5,499	226,702	0.0%	0.2%	0.2%	2.6
Kern		5,440	5,440	189,419	0.0%	0.2%	0.2%	2.6
Sutter		5,319	5,319	195,489	0.0%	0.2%	0.2%	2.6
Imperial		5,145	5,145	232,683	0.0%	0.2%	0.2%	2.5
Mariposa		5,091	5,091	217,060	0.0%	0.2%	0.2%	2.4
Tehama		3,697	3,697	140,736	0.0%	0.1%	0.1%	1.8
Kings		2,673	2,673	108,871	0.0%	0.1%	0.1%	1.3
Siskiyou		2,055	2,055	86,396	0.0%	0.1%	0.1%	1.0
Lake		1,751	1,751	74,798	0.0%	0.1%	0.1%	0.8
Mendocino	40	990	1,030	41,315	0.0%	0.0%	0.0%	0.5
Santa Barbara		779	779	37,440	0.0%	0.0%	0.0%	0.4
Humboldt		539	539	27,404	0.0%	0.0%	0.0%	0.3
Inyo		497	497	15,009	0.0%	0.0%	0.0%	0.2
Del Norte		279	279	8,821	0.0%	0.0%	0.0%	0.1
Ventura		215	215	9,281	0.0%	0.0%	0.0%	0.1
Colusa		123	123	3,480	0.0%	0.0%	0.0%	0.1
Plumas		93	93	3,142	0.0%	0.0%	0.0%	0.0
Trinity		50	50	3,054	0.0%	0.0%	0.0%	0.0
Sierra		36	36	1,109	0.0%	0.0%	0.0%	0.0
Tulare		30	30	925	0.0%	0.0%	0.0%	0.0
<b>Total WSIPLA</b>	<b>115,360</b>	<b>3,235,357</b>	<b>3,350,718</b>	<b>\$ 125,335,723</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>1,611</b>

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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 June 30, 2012 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	9,410	32,099	41,509	\$ 1,487,782	24.6%	13.5%	15.0%	20.0
94110	768	37,004	37,772	1,228,505	2.0%	15.6%	13.7%	18.2
94124	9,862	24,668	34,530	1,343,247	25.8%	10.4%	12.5%	16.6
94116	1,173	32,738	33,911	1,705,760	3.1%	13.8%	12.3%	16.3
94134	5,505	23,581	29,085	880,181	14.4%	9.9%	10.5%	14.0
94122	2,436	17,315	19,751	842,236	6.4%	7.3%	7.2%	9.5
94103		10,393	10,393	326,541	0.0%	4.4%	3.8%	5.0
94127		9,804	9,804	365,713		4.1%	3.6%	4.7
94121	3,445	5,875	9,320	358,670	9.0%	2.5%	3.4%	4.5
94117	489	5,831	6,320	161,711	1.3%	2.5%	2.3%	3.0
94102	2,722	2,991	5,713	235,026	7.1%	1.3%	2.1%	2.7
94132	8	5,195	5,203	222,237	0.0%	2.2%	1.9%	2.5
94118	752	3,357	4,109	183,307	2.0%	1.4%	1.5%	2.0
94133		3,772	3,772	128,844		1.6%	1.4%	1.8
94114	408	3,263	3,671	138,193	1.1%	1.4%	1.3%	1.8
94131	32	3,398	3,430	166,821	0.1%	1.4%	1.2%	1.6
94108		2,976	2,976	64,477	0.0%	1.3%	1.1%	1.4
94107		2,932	2,932	99,668	0.0%	1.2%	1.1%	1.4
94109		2,514	2,514	73,346	0.0%	1.1%	0.9%	1.2
94130		2,510	2,510	51,416	0.0%	1.1%	0.9%	1.2
94164		1,735	1,735	46,762		0.7%	0.6%	0.8
94142	795	261	1,056	46,873	2.1%	0.1%	0.4%	0.5
94128		714	714	56,512		0.3%	0.3%	0.3
94188		672	672	15,955		0.3%	0.2%	0.3
94104		568	568	14,842	0.0%	0.2%	0.2%	0.3
94115	8	548	556	18,781	0.0%	0.2%	0.2%	0.3
94123	446	50	496	24,939	1.2%	0.0%	0.2%	0.2
94129		447	447	13,106		0.2%	0.2%	0.2
94140		288	288	11,589		0.1%	0.1%	0.1
94166		191	191	14,325		0.1%	0.1%	0.1
94111		156	156	3,807		0.1%	0.1%	0.1
94125		8	8	225		0.0%	0.0%	0.0
94158		8	8	178		0.0%	0.0%	0.0
	38,258	237,857	276,115	\$10,331,575	100.0%	100.0%	100.0%	132.7

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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 employed on the WSIPLA are Teamsters and Tunnel Workers. Through June 30, 2012, 21.6% of apprentice hours were worked by San Francisco residents and 56.4% of apprentice hours were worked by residents of the suburban water service territory, for a total of 78.0% worked by residents.

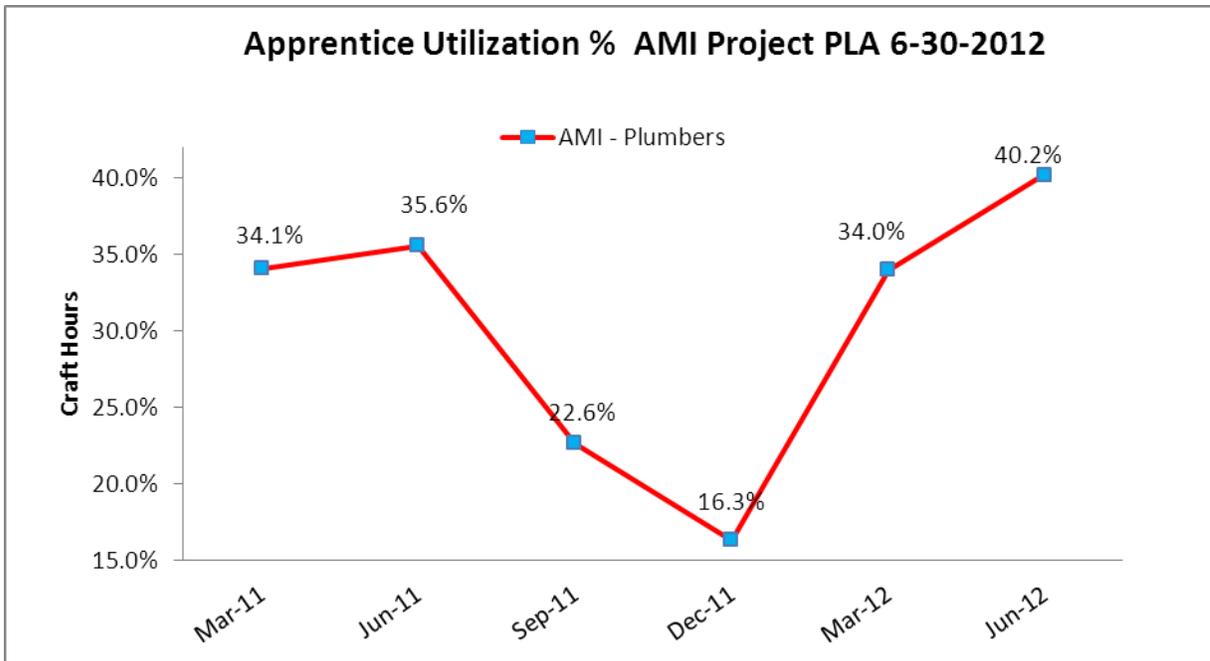
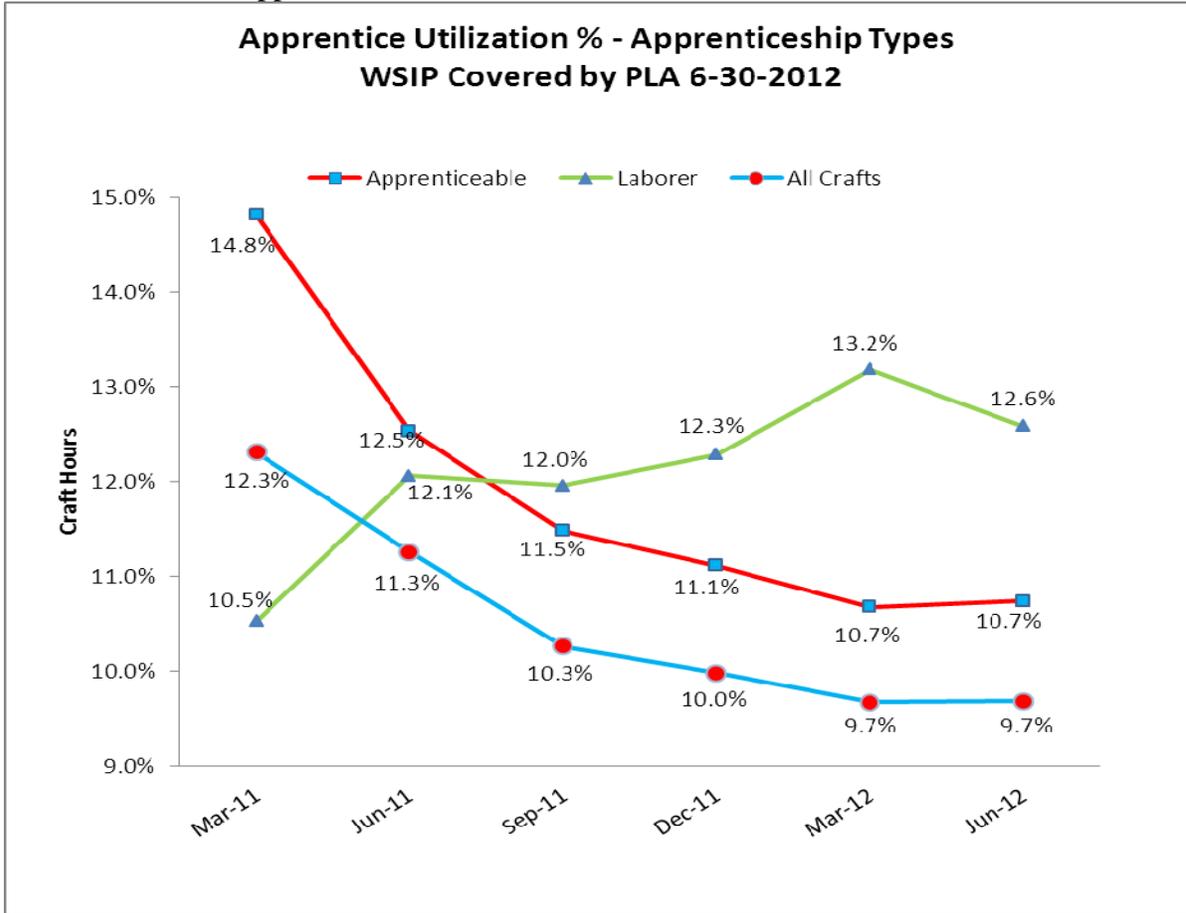
San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Craft Employment Summary for the Quarter Ended June 30, 2012 Apprentice Utilization - By Craft								
Craft/Program	Total Hours	Apprentice Hours	Apprentice Hours			Apprentice Utilization		
			San Francisco	Service Territory	Outside	% All Apprentices	% San Francisco	% Service Territory
OPERATING ENGINEER	732,897	72,077	17,117	36,886	18,075	9.8%	2.3%	5.0%
CARPENTER	313,756	47,592	16,907	18,007	12,679	15.2%	5.4%	5.7%
ELECTRICIAN	176,939	35,674	5,596	24,273	5,806	20.2%	3.2%	13.7%
PLUMBER	168,660	49,498	16,236	24,255	9,007	29.3%	9.6%	14.4%
IRON WORKER	137,749	30,651	7,081	12,551	11,020	22.3%	5.1%	9.1%
BOILERMAKER	68,393	1,914	40	1,238	636	2.8%	0.1%	1.8%
PILE DRIVER	48,091	1,474	134	550	790	3.1%	0.3%	1.1%
PAINTER	48,026	7,352	737	114	6,501	15.3%	1.5%	0.2%
CEMENT MASON	43,704	1,525	643	117	765	3.5%	1.5%	0.3%
ROOFER	31,140	8,706	1,121	3,979	3,607	28.0%	3.6%	12.8%
FIELD SURVEYOR	9,103	79		49	30	0.9%	0.0%	0.5%
SHEET METAL WORKER	7,304	706		528	178	9.7%	0.0%	7.2%
BRICKLAYER	3,725	671		383	288	18.0%	0.0%	10.3%
ELECTRICAL UTILITY LINEMAN	2,293	79		79		3.4%	0.0%	3.4%
PLASTERER	1,219					0.0%	0.0%	0.0%
GLAZIER	1,114	179	163	16		16.0%	14.6%	1.4%
TILE FINISHER	128					0.0%	0.0%	0.0%
TILE SETTER	115					0.0%	0.0%	0.0%
TERRAZZO WORKER	31					0.0%	0.0%	0.0%
<b>Total Apprenticeable</b>	<b>1,794,385</b>	<b>258,175</b>	<b>65,774</b>	<b>123,021</b>	<b>69,380</b>	<b>14.4%</b>	<b>3.7%</b>	<b>6.9%</b>
<b>LABORER</b>	<b>1,209,595</b>	<b>140,098</b>	<b>20,338</b>	<b>101,411</b>	<b>18,349</b>	<b>11.6%</b>	<b>1.7%</b>	<b>8.4%</b>
<b>Non-Apprenticeable</b>								
TUNNEL WORKER	223,395							
TEAMSTER	115,346							
ASBESTOS WORKER	6,590							
TELECOMMUNICATIONS TECH	1,160							
SLURRY SEAL WORKER	247							
<b>Total Non-Apprenticeable</b>	<b>346,738</b>							
<b>Total WSIPLA</b>	<b>3,350,718</b>	<b>398,273</b>	<b>86,112</b>	<b>224,432</b>	<b>87,729</b>	<b>11.9%</b>	<b>2.6%</b>	<b>6.7%</b>

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San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Craft Employment Summary for the Quarter Ended June 30, 2012 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
New Irvington Tunnel	127,550	44,499	119,864	291,913	8,603	11,308	19,911	6.7%	25.4%
SVWTP	174,969	105,437	8,625	289,031	28,792	12,030	40,823	16.5%	11.4%
BDPL 5 Peninsula	92,451	157,535	26,789	276,776	6,996	19,135	26,131	7.6%	12.1%
BDPL5 East Bay	89,028	107,669	11,322	208,018	10,008	10,150	20,157	11.2%	9.4%
Bay Tunnel	83,410	36,201	76,046	195,656	7,479	9,034	16,513	9.0%	25.0%
U Mound Res	106,330	79,502	1,199	187,030	23,851	6,500	30,350	22.4%	8.2%
CSSA	99,417	45,519	4,223	149,159	11,082	4,185	15,267	11.1%	9.2%
Tesla	97,709	42,270	1,582	141,560	16,503	10,379	26,882	16.9%	24.6%
Alameda Siphon 4	75,371	45,447	7,997	128,815	11,654	8,918	20,572	15.5%	19.6%
NCSBT	63,888	11,634	42,339	117,860	12,361	5,252	17,612	19.3%	45.1%
HTWTP LTI	66,427	47,945	2,563	116,935	8,431	5,472	13,902	12.7%	11.4%
Advanced Meter	115,218	142		115,360	38,388		38,388	33.3%	0.0%
Lower CS Dam	39,539	52,989	6	92,534	4,575	3,522	8,097	11.6%	6.6%
SJPL West	51,883	30,999	8,527	91,408	3,964	4,654	8,618	7.6%	15.0%
Calaveras Dam	47,222	40,145	2,683	90,049	3,214	2,949	6,163	6.8%	7.3%
Lake Merced Pump	64,164	20,692	1,351	86,207	10,363	26	10,389	16.2%	0.1%
San Andreas Pipe 3	28,638	42,922	11,516	83,075	3,994	5,317	9,311	13.9%	12.4%
San Joaquin Crossover	51,929	28,898	735	81,562	5,311	3,756	9,067	10.2%	13.0%
CSPL2	28,838	41,710	6,525	77,073	3,929	2,742	6,671	13.6%	6.6%
Stanford Heights	40,434	33,851		74,284	9,134	757	9,891	22.6%	2.2%
Aleman Pump	53,924	19,691	48	73,664	7,322	223	7,544	13.6%	1.1%
NU Mound System	14,383	31,800	7,082	53,265	743	2,255	2,998	5.2%	7.1%
Pulgas Roof	32,538	14,564	255	47,357	6,619	673	7,292	20.3%	4.6%
HTWTP Short Term	22,692	20,358		43,049	2,089		2,089	9.2%	0.0%
SJPL East	25,538	13,320	399	39,257	1,293	2,053	3,346	5.1%	15.4%
BDPL 3&4 Crossover	24,593	11,411	1,588	37,592	3,132	530	3,662	12.7%	4.6%
Forest Knolls Pump	17,165	9,243	33	26,441	2,888	19	2,907	16.8%	0.2%
Noe Valley Trans	6,021	14,423	2,067	22,511		1,133	1,133	0.0%	7.9%
Harding	7,661	14,030	437	22,128	687	900	1,587	9.0%	6.4%
Baden San Pedro	11,044	8,550	344	19,937	949	1,788	2,737	8.6%	20.9%
San Antonio Pump	8,241	6,539	137	14,916	859	939	1,798	10.4%	14.4%
Homestead Pond	3,337	11,112		14,449	687	1,870	2,557	20.6%	16.8%
Roselle	7,968	4,729	163	12,859	1,384	559	1,943	17.4%	11.8%
Standby Power	9,046	2,230		11,275	626		626	6.9%	0.0%
San Antonio Creek	3,109	3,559	121	6,788	98	346	444	3.1%	9.7%
Test Wells		4,787	175	4,962		218	218	0.0%	4.5%
Cordilleras Tunnel	1,262	1,459		2,720		61	61	0.0%	4.2%
Tesla Portal	682	966		1,648	58	451	509	8.5%	46.7%
SCADA II	728	771		1,498	115		115	15.8%	0.0%
San Mateo Creek	44	53		97			-	0.0%	0.0%
<b>Total WSIP</b>	<b>1,794,385</b>	<b>1,209,595</b>	<b>346,738</b>	<b>3,350,718</b>	<b>258,175</b>	<b>140,098</b>	<b>398,273</b>	<b>14.4%</b>	<b>11.6%</b>

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The following charts indicate quarterly apprentice utilization over the six quarters ended June 30, 2012 for Apprenticeable Trades, Laborers, and all Crafts combined.



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**Employment of Low-Income Residents**

As of June 30, 2012, SFPUC and City staff had placed 256 low-income Apprentices and 107 low-income Journeymen on PLA-Covered Projects including the WSIP and the Advanced Meter Infrastructure Project. These 363 individuals represent 7.3% of the total hours worked and 5.25% of the wages earned by workers covered by the WSIPLA.

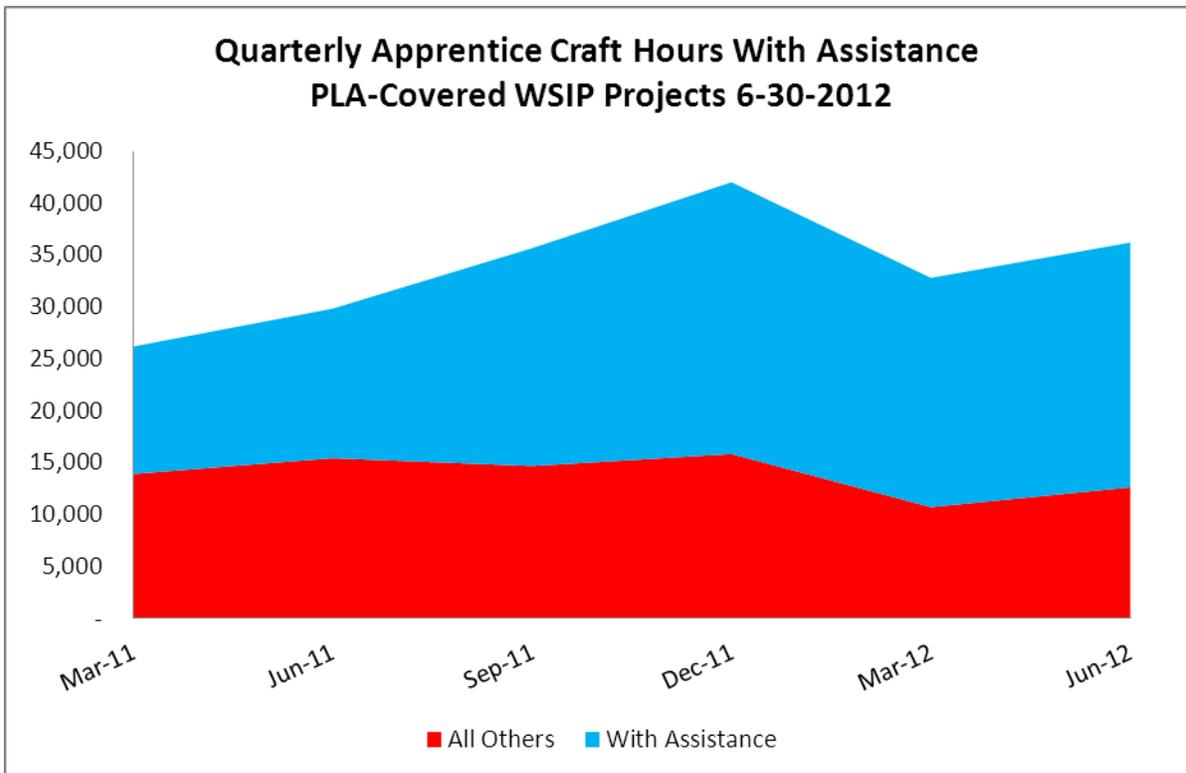
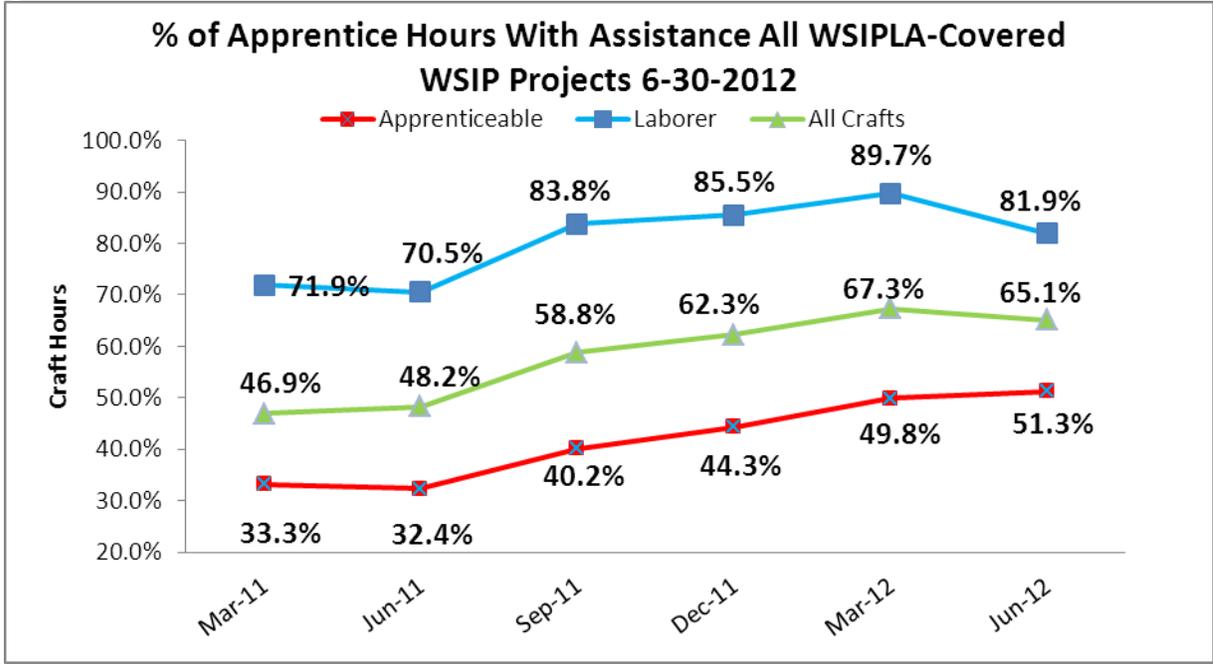
Water System Improvement Program Assisted Placement on the WSIPLA By Pre-Apprenticeship Training Program PLA Inception (Stanford Heights Reservoir) through June 30, 2012						
Referring Agency	Workers	Hours	Wages	% Workers	% Hours	% Wages
<u>Pre-Apprenticeship Training</u>						
CityBuild Academy	38	22,921	562,283	4.14%	5.76%	5.52%
Cypress Mandela Training Center, Inc.	19	22,795	506,625	2.07%	5.72%	4.97%
Helmets to Hardhats	1	3,339	80,910	0.11%	0.84%	0.79%
Job Train's Project Build	32	34,465	749,692	3.49%	8.65%	7.36%
Northern California Construction and Training Inc.	1	1,253	22,752	0.11%	0.31%	0.22%
San Joaquin County Office of Ed. YouthBuild	9	10,554	223,098	0.98%	2.65%	2.19%
Total Pre-Apprenticeship Graduates	100	95,326	2,145,360	10.89%	23.93%	21.05%
<u>General Referral/Assistance</u>						
CityBuild	48	22,037	558,573	5.23%	5.53%	5.48%
SFPUC	108	75,365	1,881,096	11.76%	18.92%	18.46%
Total General Referral/Assistance	156	97,402	2,439,669	16.99%	24.46%	23.94%
Total Assisted Apprentice Placements	256	192,728	4,585,028	27.89%	48.39%	44.99%
Unassisted Apprentices	662	205,546	5,606,191	72.11%	51.61%	55.01%
Total Apprentices	918	398,273	10,191,220	100.00%	100.00%	100.00%
<u>Journeyman Assistance</u>						
CityBuild	68	32,444	1,307,108	1.07%	1.10%	1.14%
Cypress Mandela Training Center, Inc.	2	877	24,894	0.03%	0.03%	0.02%
Job Train's Project Build	6	3,266	99,884	0.09%	0.11%	0.09%
San Joaquin County Office of Ed. YouthBuild	1	262	6,018	0.02%	0.01%	0.01%
SFPUC	30	15,119	552,596	0.47%	0.51%	0.48%
Total Assisted Journeyman Placements	107	51,967	1,990,501	1.69%	1.76%	1.73%
Unassisted Journeymen	6239	2,900,477	113,154,002	98.31%	98.24%	98.27%
Total Journeymen	6346	2,952,444	115,144,503	100.00%	100.00%	100.00%
<u>Total Workforce</u>						
<u>Pre-Apprenticeship Training</u>						
CityBuild Academy	38	22,921	562,283	0.52%	0.68%	0.45%
Cypress Mandela Training Center, Inc.	19	22,795	506,625	0.26%	0.68%	0.40%
Helmets to Hardhats	1	3,339	80,910	0.01%	0.10%	0.06%
Job Train's Project Build	32	34,465	749,692	0.44%	1.03%	0.60%
Northern California Construction and Training Inc.	1	1,253	22,752	0.01%	0.04%	0.02%
San Joaquin County Office of Ed. YouthBuild	9	10,554	223,098	0.12%	0.31%	0.18%
Total Pre-Apprenticeship Graduates	100	95,326	2,145,360	1.38%	2.84%	1.71%
<u>General Referral/Assistance</u>						
CityBuild	116	54,480	1,865,681	1.60%	1.63%	1.49%
Cypress Mandela Training Center, Inc.	2	877	24,894	0.03%	0.03%	0.02%
Job Train's Project Build	6	3,266	99,884	0.08%	0.10%	0.08%
San Joaquin County Office of Ed. YouthBuild	1	262	6,018	0.01%	0.01%	0.00%
SFPUC	138	90,484	2,433,692	1.90%	2.70%	1.94%
Total General Referral/Assistance	263	149,368	4,430,170	3.62%	4.46%	3.53%
Total Assisted Placements	363	244,695	6,575,529	5.00%	7.30%	5.25%
All Others	6901	3,106,023	118,760,193	95.00%	92.70%	94.75%
Total Workforce	7264	3,350,718	\$125,335,723	100.00%	100.00%	100.00%

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San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Assisted Employment by Project WSIPLA Inception through June 30, 2012									
Project	Project Total Craft Hours			Assisted Craft Hours			% Assisted		
	Apprentice	Journey	Total	Apprentice	Journey	Total	Apprentice	Journey	Total
New Irvington Tunnel	19,911	272,002	291,913	15,189	4,073	19,262	76.3%	1.5%	6.6%
SVWTP	40,823	248,208	289,031	16,378	1,504	17,882	40.1%	0.6%	6.2%
BDPL 5 Peninsula	26,131	250,645	276,776	20,189	1,837	22,026	77.3%	0.7%	8.0%
BDPL5 East Bay	20,157	187,861	208,018	10,675	1,119	11,793	0.0%	0.6%	5.7%
Bay Tunnel	16,513	179,143	195,656	12,642	1,581	14,223	76.6%	0.9%	7.3%
U Mound Res	30,350	156,680	187,030	14,817	7,924	22,740	48.8%	5.1%	12.2%
CSSA	15,267	133,892	149,159	9,449	2,684	12,132	61.9%	2.0%	8.1%
Tesla	26,882	114,678	141,560	2,743		2,743	10.2%	0.0%	1.9%
Alameda Siphon 4	20,572	108,244	128,815	16,507	148	16,654	80.2%	0.1%	12.9%
NCSBT	17,612	100,248	117,860	319	236	555	1.8%	0.2%	0.5%
HTWTP LTI	13,902	103,033	116,935	9,138	515	9,653	65.7%	0.5%	8.3%
Advanced Meter	38,388	76,972	115,360	3,399	13,261	16,660	8.9%	17.2%	14.4%
Lower CS Dam	8,097	84,437	92,534	6,306	406	6,711	77.9%	0.5%	7.3%
SJPL West	8,618	82,791	91,408	5,110	130	5,240	59.3%	0.2%	5.7%
Calaveras Dam	6,163	83,886	90,049	5,489		5,489	89.1%	0.0%	6.1%
Lake Merced Pump	10,389	75,818	86,207	3,508	7,446	10,954	33.8%	9.8%	12.7%
San Andreas Pipe 3	9,311	73,764	83,075	7,673	458	8,130	82.4%	0.6%	9.8%
San Joaquin Crossovers	9,067	72,495	81,562	3,376	270	3,645	37.2%	0.4%	4.5%
CSPL2	6,671	70,402	77,073	5,949	2,462	8,411	89.2%	3.5%	10.9%
Stanford Heights	9,891	64,393	74,284	1,336	981	2,317	13.5%	1.5%	3.1%
Alemany Pump	7,544	66,120	73,664	2,671	530	3,201	35.4%	0.8%	4.3%
NU Mound System	2,998	50,268	53,265	2,550	106	2,656	85.1%	0.2%	5.0%
Pulgas Roof	7,292	40,065	47,357	1,458	1,242	2,700	20.0%	3.1%	5.7%
HTWTP Short Term	2,089	40,961	43,049	1,329	183	1,512	63.6%	0.4%	3.5%
SJPL East	3,346	35,911	39,257	3,296	2,419	5,714	98.5%	6.7%	14.6%
BDPL 3&4 Crossover	3,662	33,930	37,592	1,327	30	1,357	36.2%	0.1%	3.6%
Forest Knolls Pump	2,907	23,534	26,441	1,888		1,888	64.9%	0.0%	7.1%
Noe Valley Trans	1,133	21,378	22,511	981		981	86.6%	0.0%	4.4%
Harding	1,587	20,541	22,128	1,135	8	1,143	71.5%	0.0%	5.2%
Baden San Pedro	2,737	17,201	19,937	2,057	82	2,139	75.2%	0.5%	10.7%
San Antonio Pump	1,798	13,119	14,916	931		931	51.8%	0.0%	6.2%
Homestead Pond	2,557	11,892	14,449	1,792	126	1,918	70.1%	1.1%	13.3%
Roselle	1,943	10,917	12,859	256	32	288	13.2%	0.3%	2.2%
Standby Power	626	10,649	11,275			-	0.0%	0.0%	0.0%
BHR - San Antonio Creek	444	6,345	6,788	122	181	303	27.4%	2.9%	4.5%
Test Wells	218	4,744	4,962	218		218	100.0%	0.0%	4.4%
Cordilleras Micro Tunnel	61	2,659	2,720	24		24	39.3%	0.0%	0.9%
Tesla Portal	509	1,139	1,648	509		509	100.0%	0.0%	30.9%
SCADA II	115	1,383	1,498			-	0.0%	0.0%	0.0%
San Mateo Creek		97	97			-	0.0%	0.0%	0.0%
<b>Total WSIPLA</b>	<b>398,273</b>	<b>2,952,444</b>	<b>3,350,718</b>	<b>192,728</b>	<b>51,967</b>	<b>244,695</b>	<b>48.39%</b>	<b>1.76%</b>	<b>7.30%</b>

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The following charts summarize the employment on all WSIPLA-Covered Projects (WSIP and AMI) of Apprentices hired with the assistance of WSIPLA staff for the six quarters ended June 30, 2012.



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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 June 30, 2012, 7,981 pre-employment tests had been administered to people who were cleared to work. 107 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 June 30, 2012.

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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 June 30, 2012		
Project	Number Cleared	
Crystal Springs San Andreas Transmission System	630	
Harry Tracy HTWTP	611	
Sunol Valley Water Treatment Plant	559	
Bay Division Pipeline #5 - East Bay Reaches	499	
Lake Merced Pump Station	478	
New Irvington Tunnel	408	
Tesla Treatment Facility Project	378	
Alemanya Pump Station Upgrade	375	
Calaveras Dam Replacement	359	
Bay Tunnel Project	349	
University Mound Reservoir North Basin Seismic	319	
Bay Division Reliability Upgrade Pipeline #5	297	
Alameda Siphon #4	230	
New Crystal Springs Bypass Tunnel	212	
San Joaquin Pipeline System-Western Segment	203	
Stanford Heights Reservoir Project	199	
San Joaquin Pipeline Crossovers	188	
Pulgas Balancing Reservoir Structural Rehabilitati	184	
Advanced Meter Infrastructure	183	
San Andreas Pipeline #3	178	
Bay Division 3 & 4 Crossover Facilities	161	
San Joaquin Pipeline System-Eastern Segment	150	
Lower Crystal Springs Dam Improvements	123	
Forest Knolls Pump Station Project	115	
Harry Tracy Water Treatment Project	93	
Baden & San Pedro Valve Lot Improvements	86	
Crystal Springs Pipeline No. 2 Replacement Project	75	
San Antonio Pump Station Upgrade	70	
Roselle Crossovers	63	
North University Mound System Upgrade	55	
Standby Power	30	
Scada System Phase II	28	
Noe Valley Transmission Main Phase II	27	
San Antonio Creek	26	
Peninsula Watershed Project	15	
Regional Groundwater Storage & Recovery Project	10	
Bay Division - Cordilleras Microtunnel	8	
Harding Park Recycled Water Project	7	
<b>Total Cleared</b>	<b>7981</b>	
Positive Pre-Employment Tests Through June 30, 2012		
Banned Substance	% Positive	# Positive
Marijuana	0.58%	47
Refused	0.27%	22
Amphetamines	0.15%	12
Cocaine	0.11%	9
Alcohol	0.05%	4
Benzodiazepines	0.04%	3
Amphetamines/Dilute	0.02%	2
Methadone	0.02%	2
Cocaine/Marijuana	0.01%	1
Marijuana Amphetamines	0.01%	1
Marijuana/Opiates	0.01%	1
Opiates	0.01%	1
Opiates/Alcohol	0.01%	1
Phencyclidine	0.01%	1
<b>Total Positive</b>	<b>1.32%</b>	<b>107</b>

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**WSIP Craft Hour Estimate**

The WSIP Craft Hour Estimate is based on estimated construction spending as of June 30, 2012. The WSIP program is expected to require a total of 8,818,138 craft hours, including 3,890,869 craft hours in twelve areas of construction activity in six Bay Area Counties from July 1, 2012 through completion in 2019. The WSIP Craft Hour Model indicates that 55.9% of WSIP craft hours had been worked as of June 30, 2012 (44.1% of hours remaining as of July 1, 2012). The model indicates that 4,080,333 hours were worked on WSIPLA-Covered Projects as of June 30, 2012, which is 126% of the 3,235,367 hours recorded in the Elations system for WSIPLA-Covered Projects as of that date. Modeled hours are expected to be higher than actual hours near the program midpoint because total project hours are recognized in the model on a straight-line basis over the life of each project, and several of the largest projects will not reach peak employment until after June 30, 2012.

San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement WSIP Craft Hour Forecast as of June 30, 2012								
Craft Area	San		San		San Mateo	Santa Clara	Stanislaus	Total
	Alameda	Francisco	Joaquin	San Mateo				
Carpentry	89,050	35,258	272	80,199	1,162	5,384	211,325	
Concrete	401,397	164,444	972	207,419	3,923	6,409	784,564	
Electrical	74,506	123,392	1,271	117,201	5,164	10,306	331,839	
Heavy Equipment Operation	473,030	368,731	609	113,693	3,132	42,188	1,001,383	
Masonry	24,634	58,734	653	20,130	2,560	-	106,710	
Mechanical	214,134	111,587	1,017	116,833	4,736	42,537	490,844	
Painting	39,610	56,807	632	10,925	2,697	12,499	123,168	
Roofing	24,264	29,602	329	3,937	1,290	-	59,421	
Sheet Metal	7,199	29,602	329	3,481	1,290	-	41,901	
Structural Steel	61,333	87,707	850	35,341	3,432	5,608	194,273	
Trucking & Hauling	196,293	73,489	352	14,776	1,625	13,924	300,458	
Underground Tunnel Work	244,935	-	-	48	-	-	244,982	
	1,850,385	1,139,352	7,285	723,982	31,010	138,855	3,890,869	

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San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement WSIP Craft Hour Forecast as of June 30, 2012									
County	2012 - Six								
	Months	2013	2014	2015	2016	2017	2018	2019	Total WSIP
Alameda	315,735	638,171	590,609	274,092	31,778	-	-	-	1,850,385
San Francisco	58,669	135,757	306,971	222,703	46,448	170,218	170,218	28,370	1,139,352
San Mateo	203,763	266,295	195,667	53,060	5,198	-	-	-	723,982
Stanislaus	107,742	31,113	-	-	-	-	-	-	138,855
Santa Clara	9,589	14,281	7,140	-	-	-	-	-	31,010
San Joaquin	7,285	-	-	-	-	-	-	-	7,285
Grand Total	702,783	1,085,616	1,100,387	549,855	83,424	170,218	170,218	28,370	3,890,869

San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement WSIP Craft Hour Forecast as of June 30, 2012									
	2012 - Six								
	Months	2013	2014	2015	2016	2017	2018	2019	Total WSIP
Carpentry	37,820	61,944	62,287	32,353	3,148	6,357	6,357	1,059	211,325
Concrete	145,280	242,758	237,002	101,163	9,170	22,703	22,703	3,784	784,564
Electrical	59,118	80,947	73,244	41,893	12,303	29,693	29,693	4,949	331,839
Heavy Equipment Operation	171,565	297,565	332,501	157,000	11,917	14,232	14,232	2,372	1,001,383
Masonry	15,226	17,314	17,783	17,863	5,466	15,258	15,258	2,543	106,710
Mechanical	110,664	132,670	121,323	59,338	15,385	23,753	23,753	3,959	490,844
Painting	22,614	21,566	19,729	19,979	7,307	14,757	14,757	2,460	123,168
Roofing	7,698	10,144	10,529	11,633	2,755	7,690	7,690	1,282	59,421
Sheet Metal	5,022	4,836	5,282	7,346	2,755	7,690	7,690	1,282	41,901
Structural Steel	30,691	41,334	41,504	29,678	8,023	19,865	19,865	3,311	194,273
Trucking & Hauling	50,618	81,622	86,313	58,899	5,195	8,220	8,220	1,370	300,458
Underground Tunnel Work	46,467	92,916	92,890	12,709	-	-	-	-	244,982
Grand Total	702,783	1,085,616	1,100,387	549,855	83,424	170,218	170,218	28,370	3,890,869

### **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 counties of Alameda, San Francisco, and San Mateo during the weekly pay period that

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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. Note that QCEW estimates had been released through March 2012 at the time this report was prepared.

