



HETCH HETCHY
WATER SYSTEM **IMPROVEMENT** PROGRAM

Water System Improvement Program Project Labor Agreement

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

San Francisco Public Utilities Commission
Water System Improvement Program Project Labor Agreement
Quarterly Report – Fourth 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. 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.

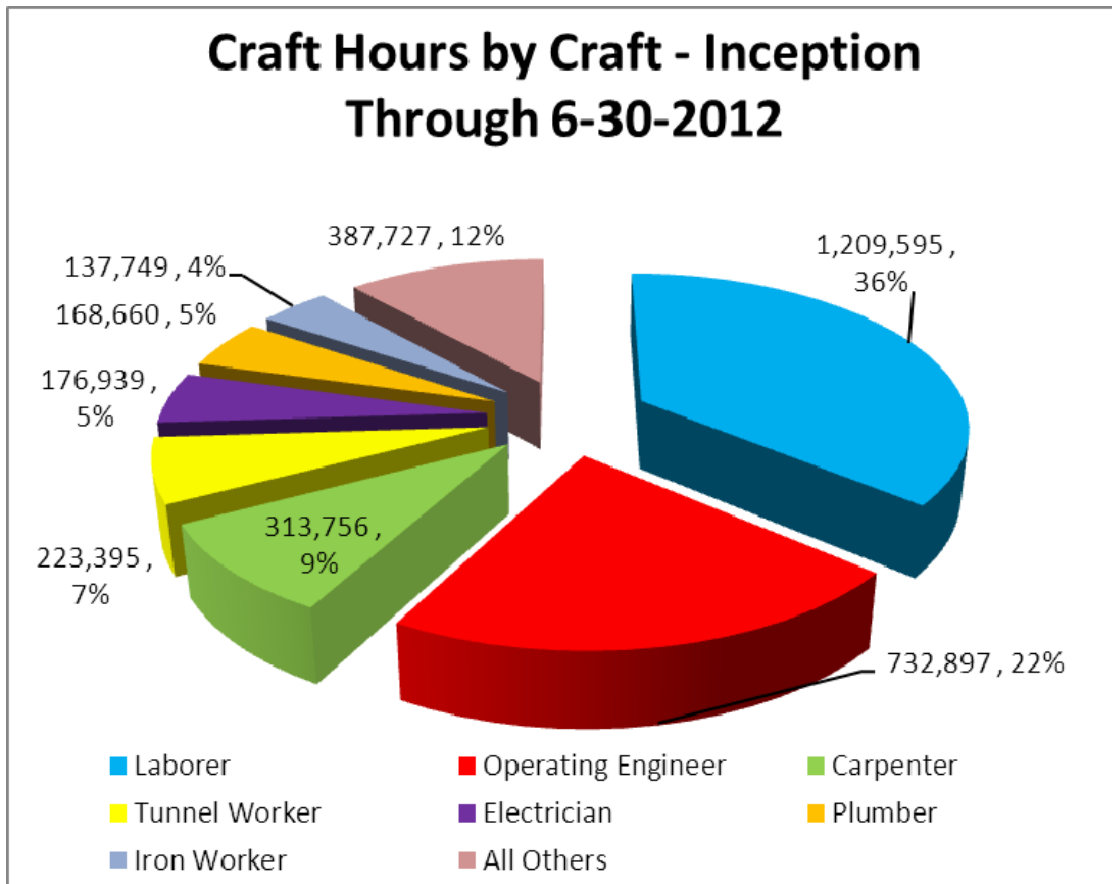
Summary of Craft Worker Employment

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
All Workers								
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
SF Residents								
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
Svc. Territory Res.								
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
Outside Residents								
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			
<u>Prime Contractors</u>	<u>Number of Contractors</u>	<u>Award</u>	<u>Percent of Total Awarded</u>
PUC Certified	1	\$ 4,320,736	0.24%
San Francisco Certified	4	27,823,395	1.54%
Not Certified	20	1,469,594,421	81.35%
<u>Sub Contractors</u>			
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%

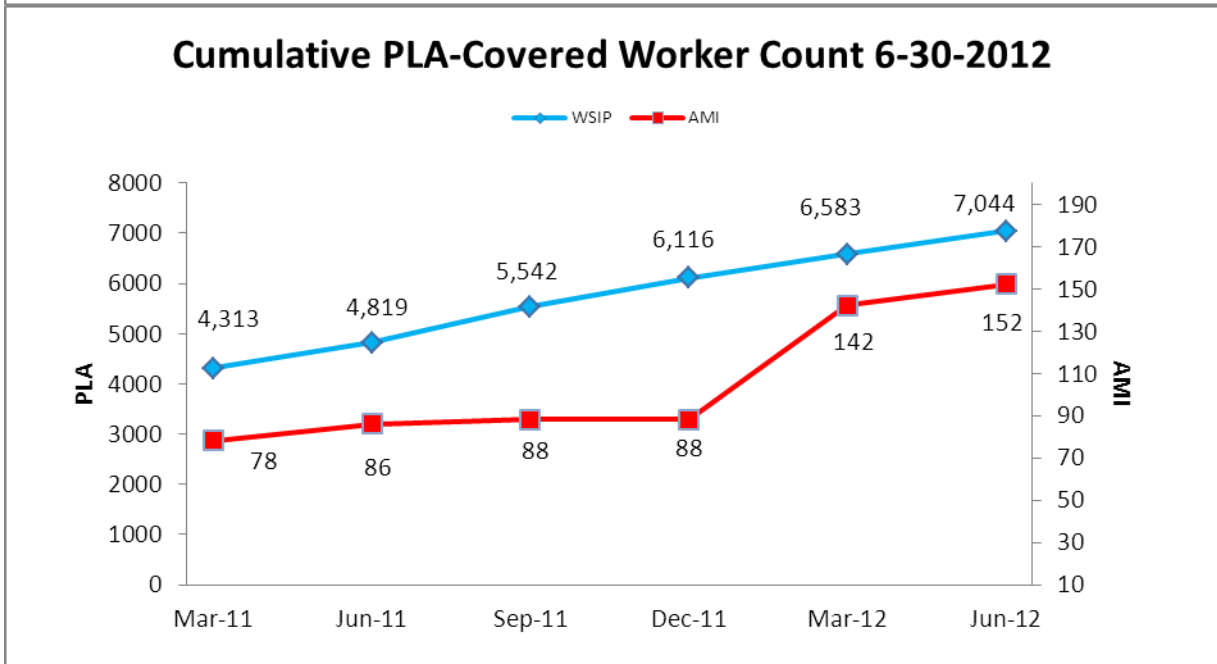
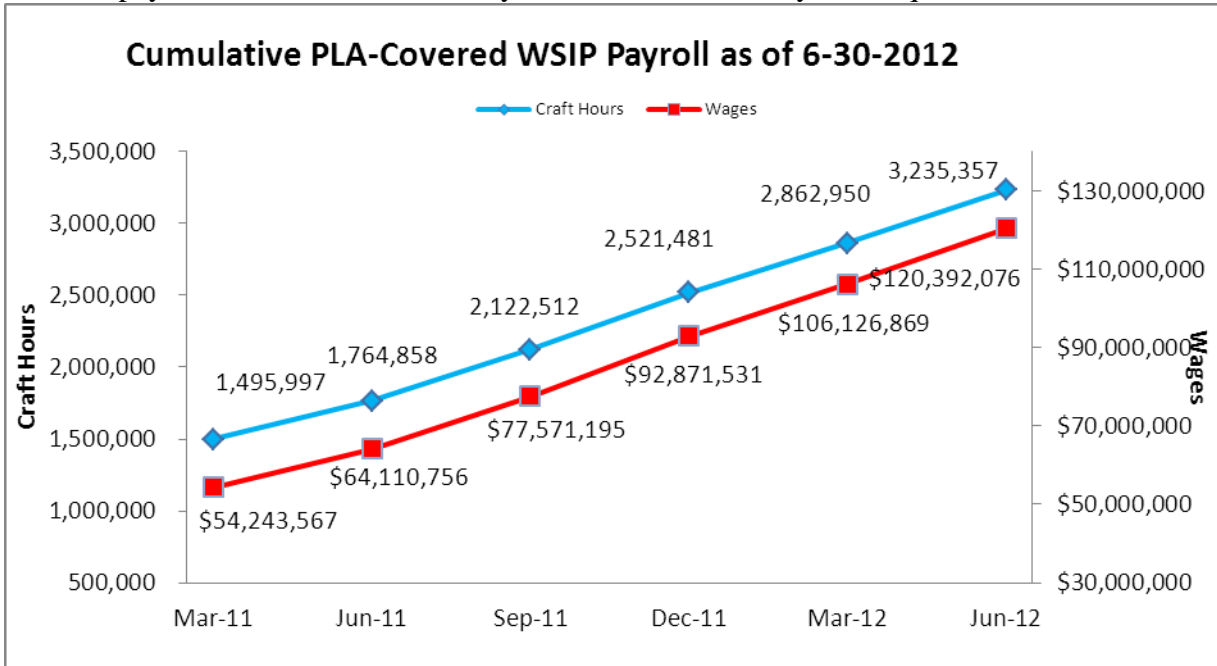
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San Francisco Public Utilities Commission Construction Contracts Awarded Subject to the WSIPLA through June 30, 2012				
<u>Contract No.</u>	<u>Prime Contractor</u>	<u>Project</u>	<u>Engineer's Estimate</u>	<u>Award</u>
WD-2504	S.J. Amoroso	Stanford 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	Alemanya 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

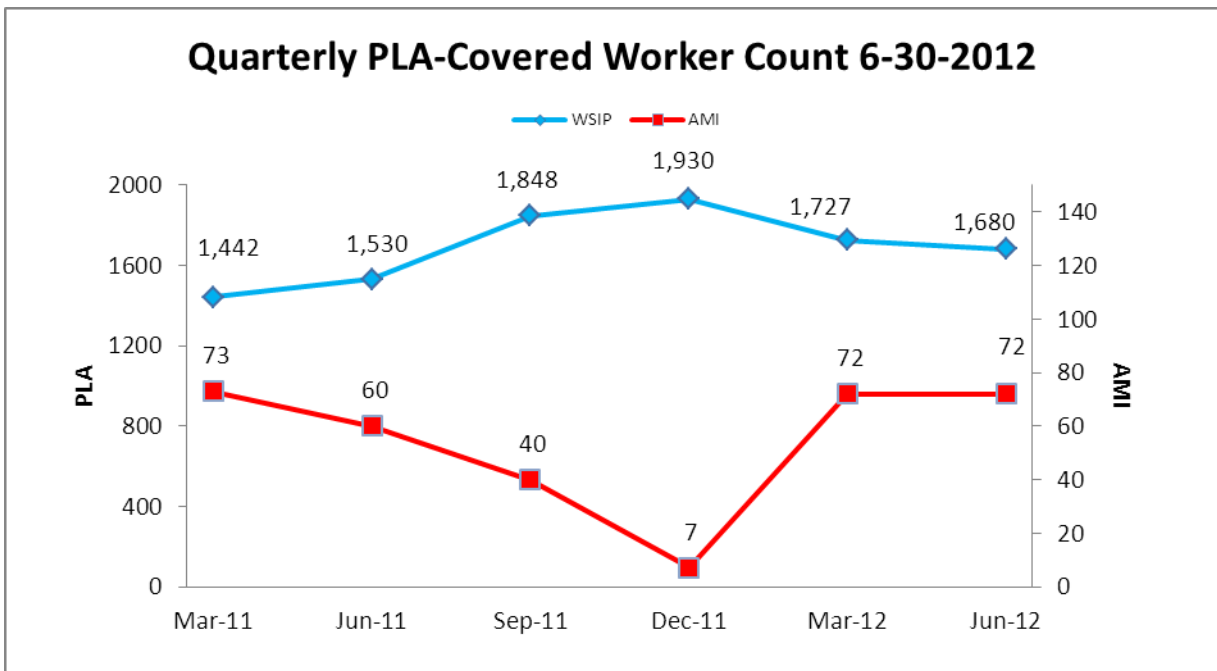
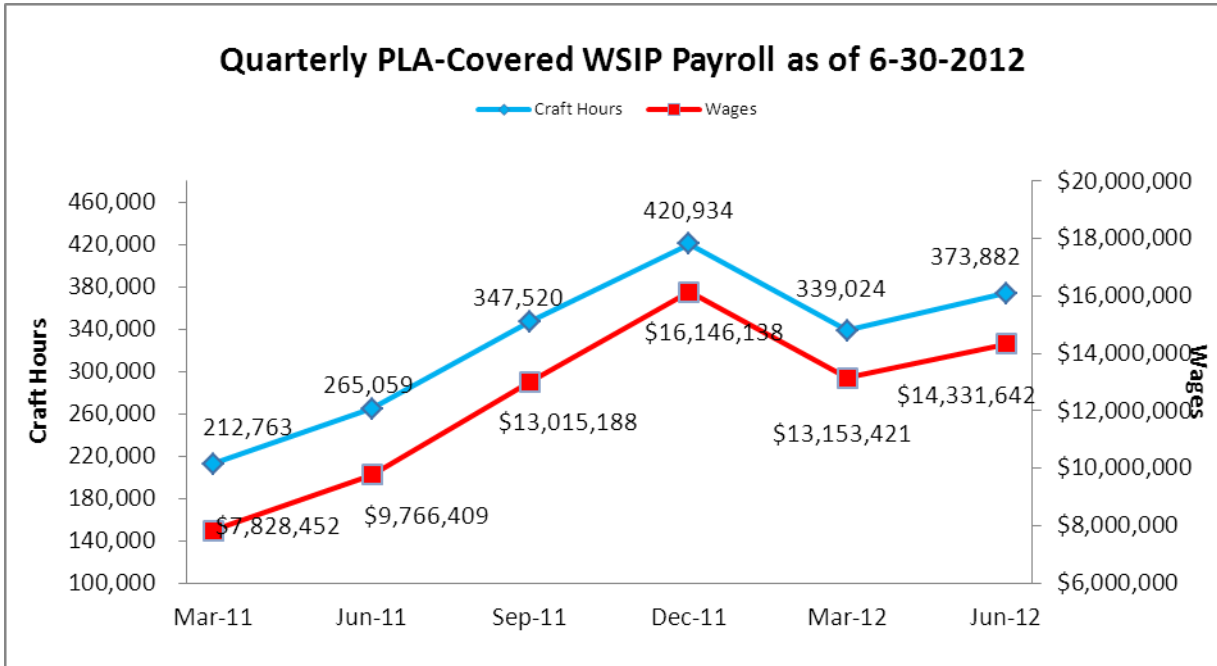
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Craft Worker Employment on the WSIPLA

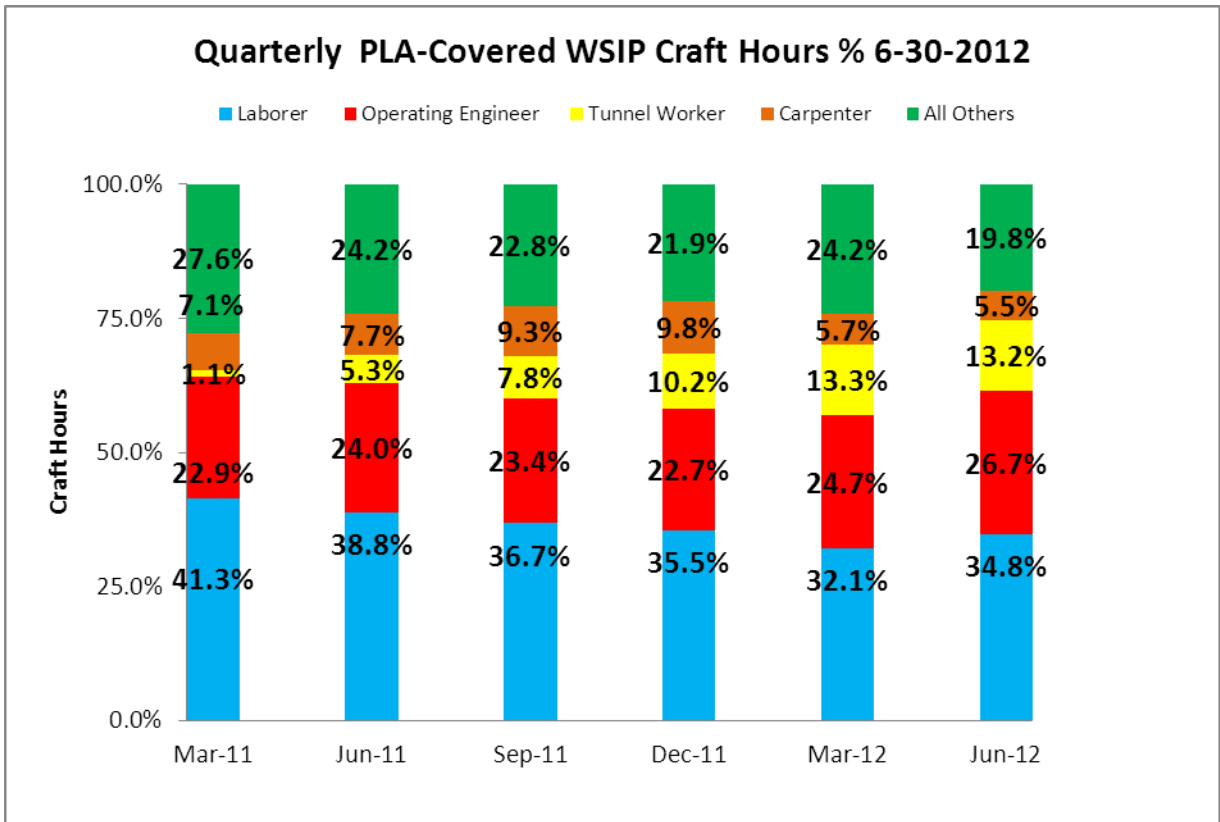
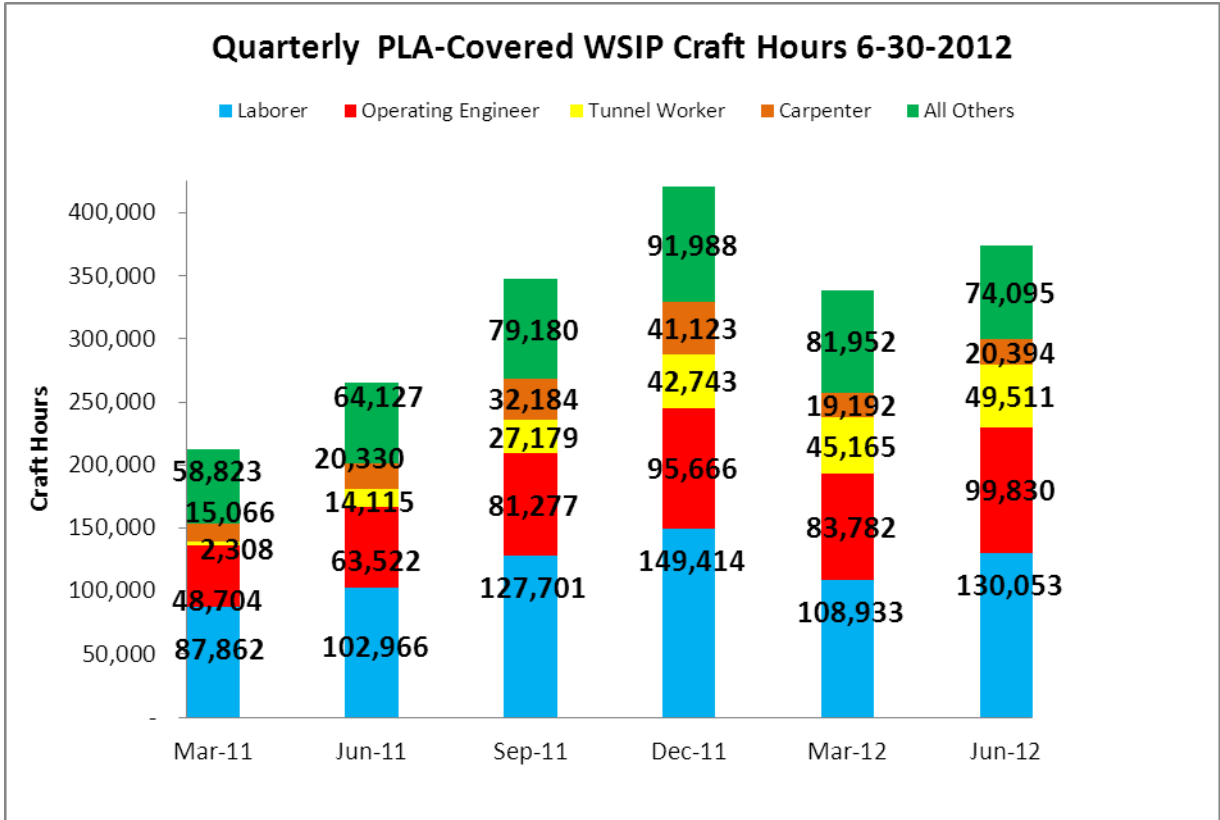
The following charts summarize craft worker employment under the WSIPLA for the last six quarters. The first and second tables are cumulative balances at the end of each quarter, and the third and fourth tables represent employment during each quarter. The fifth and sixth tables represent quarterly participation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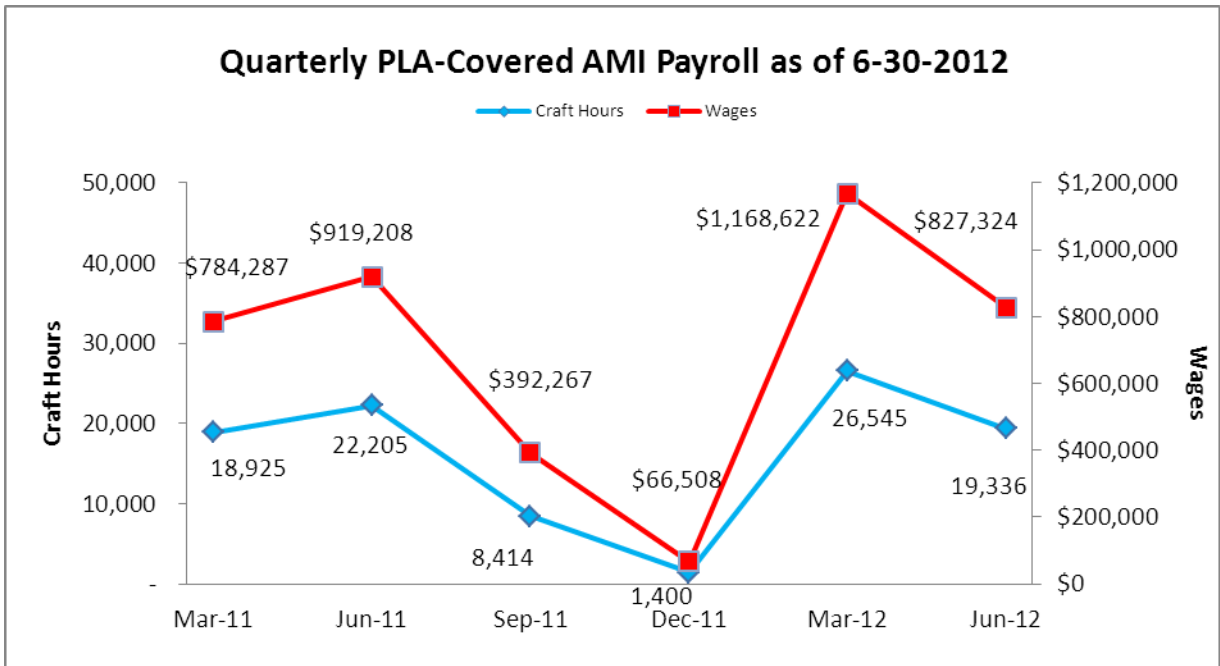
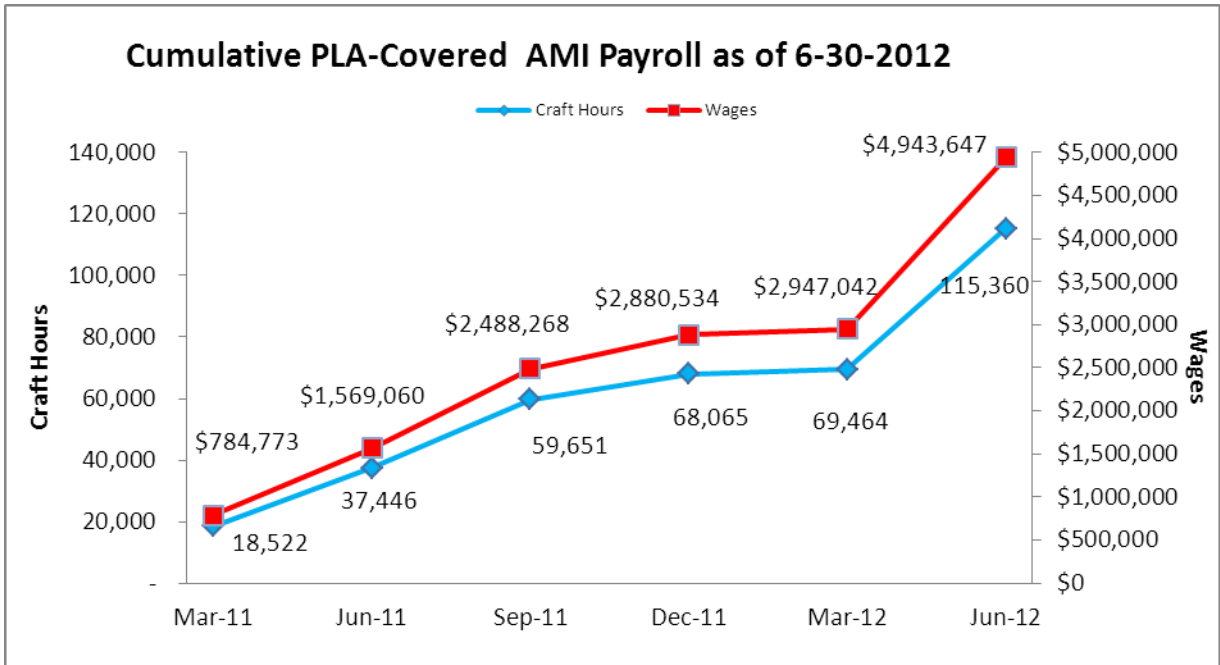


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Work commenced on contract CS-936 Advanced Meter Infrastructure during the Quarter ended June 30, 2010 to replace all water meters in San Francisco. This work is covered by the WSIPLA, funding is provided by the SFPUC operating budget, and 99.9% of 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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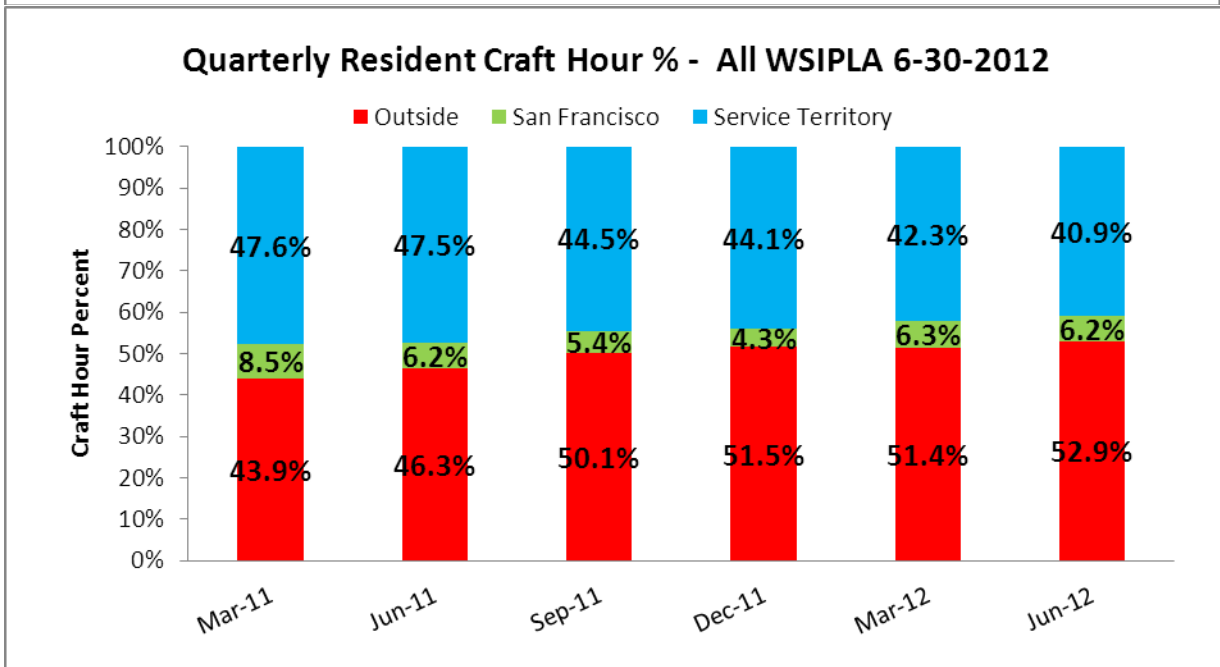
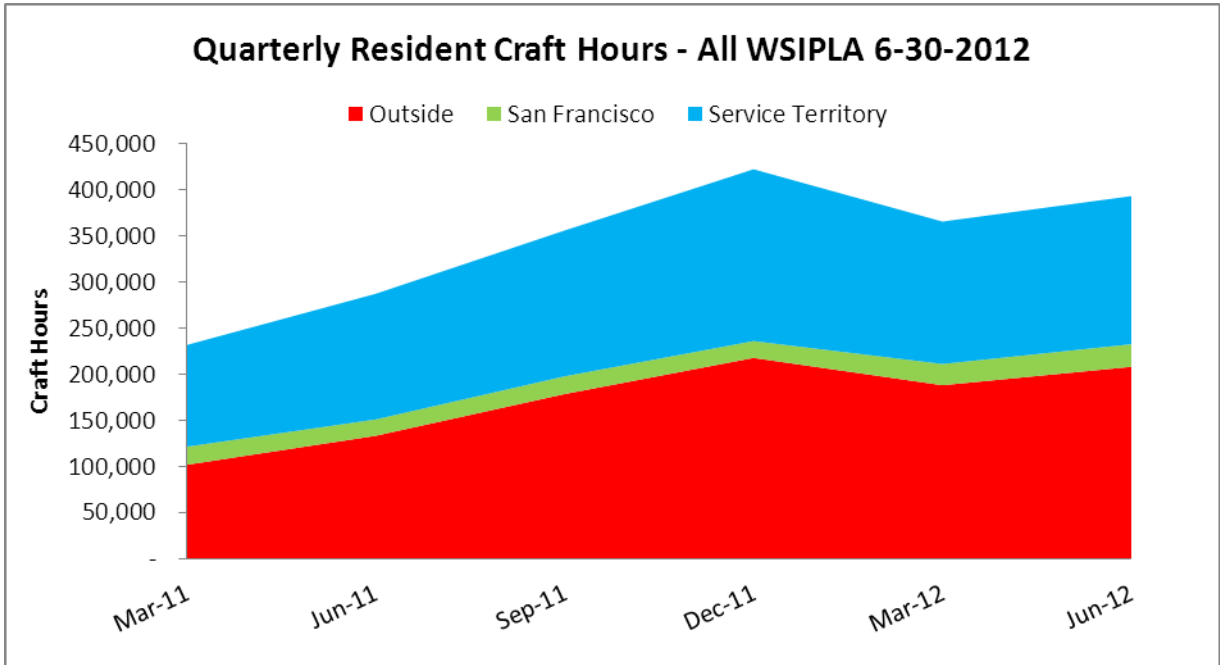
San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Craft Employment Summary for the Quarter Ended June 30, 2012 Employment Summary - Cumulative and Last Six Quarters							
	Cumulative thru June 30, 2012	QE 3-31-11	QE 6-30-11	QE 9-30-11	QE 12-31-11	QE 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	
	\$125,335,723	\$8,612,739	\$10,685,617	\$13,407,454	\$16,212,646	\$14,322,043	\$15,158,966
<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	
	3,350,718	231,688	287,264	355,934	422,334	365,568	393,218

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

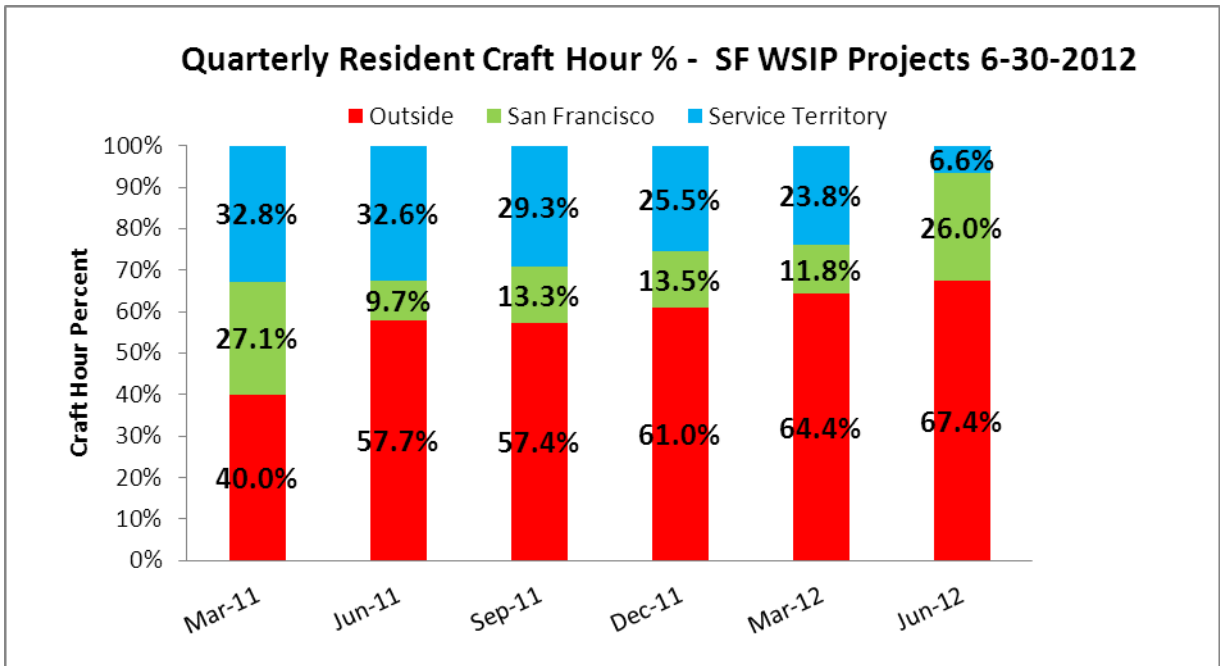
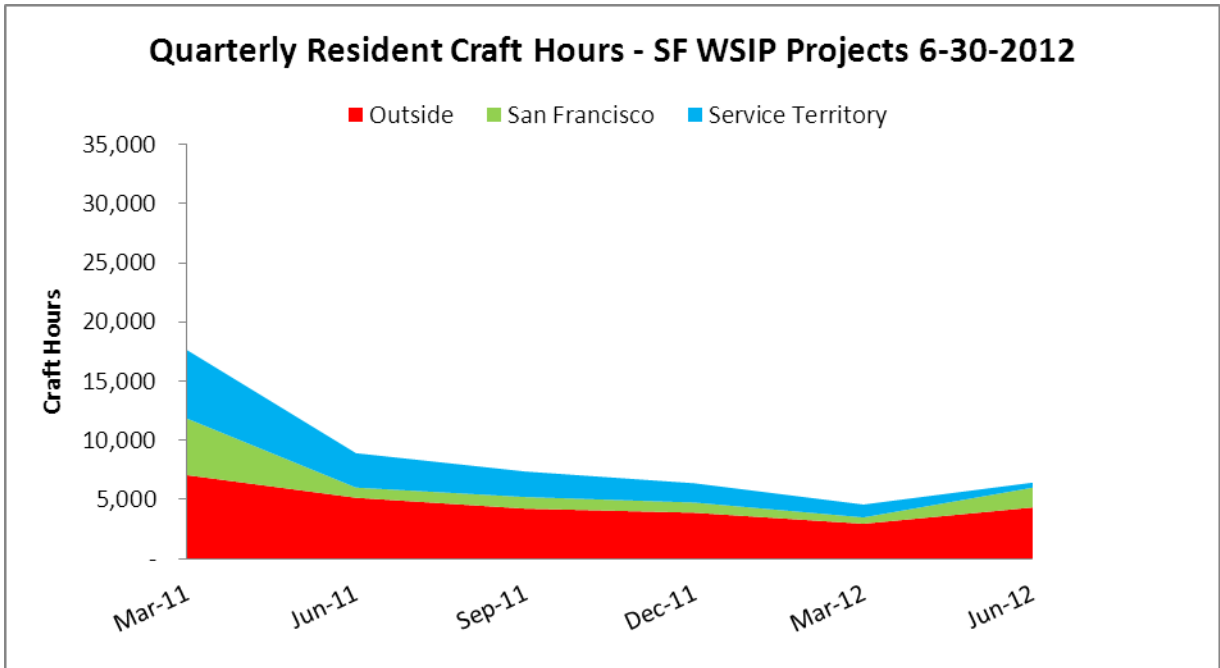
The following charts and tables summarize PLA-Covered craft hours recorded in the Elations Certified Payroll System through June 30, 2012. The Service Territory is defined as zip codes outside San Francisco within which the SFPUC wholesale water customers deliver water, plus zip codes impacted by WSIP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

All WSIPLA- Covered Projects



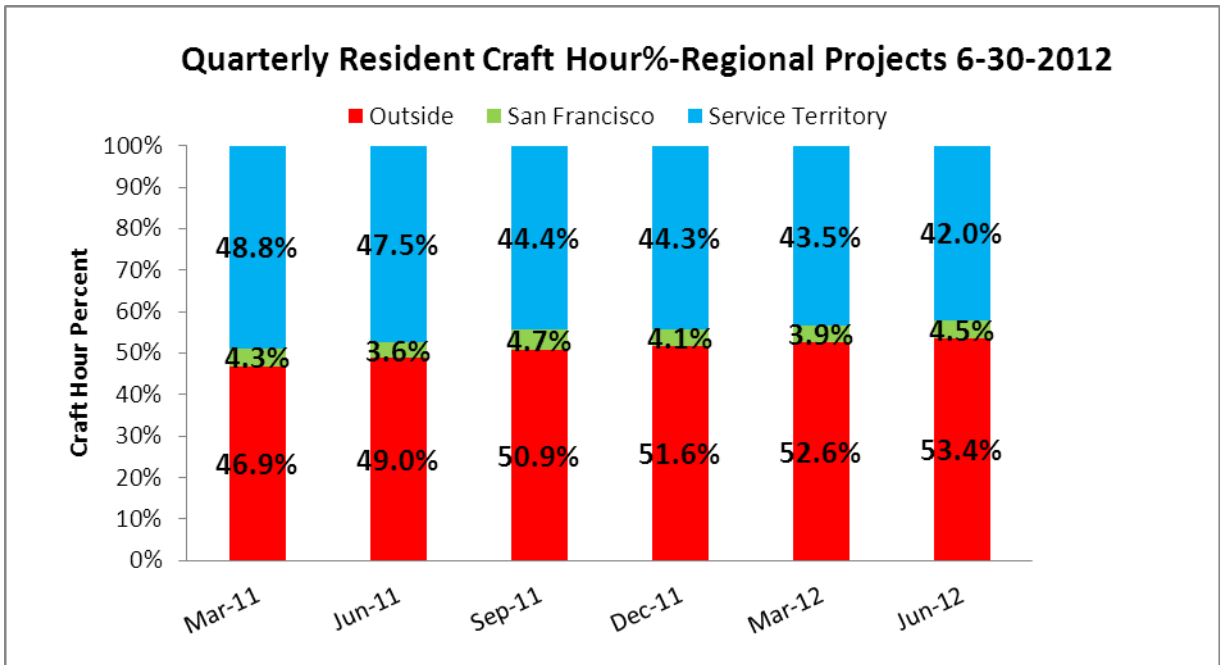
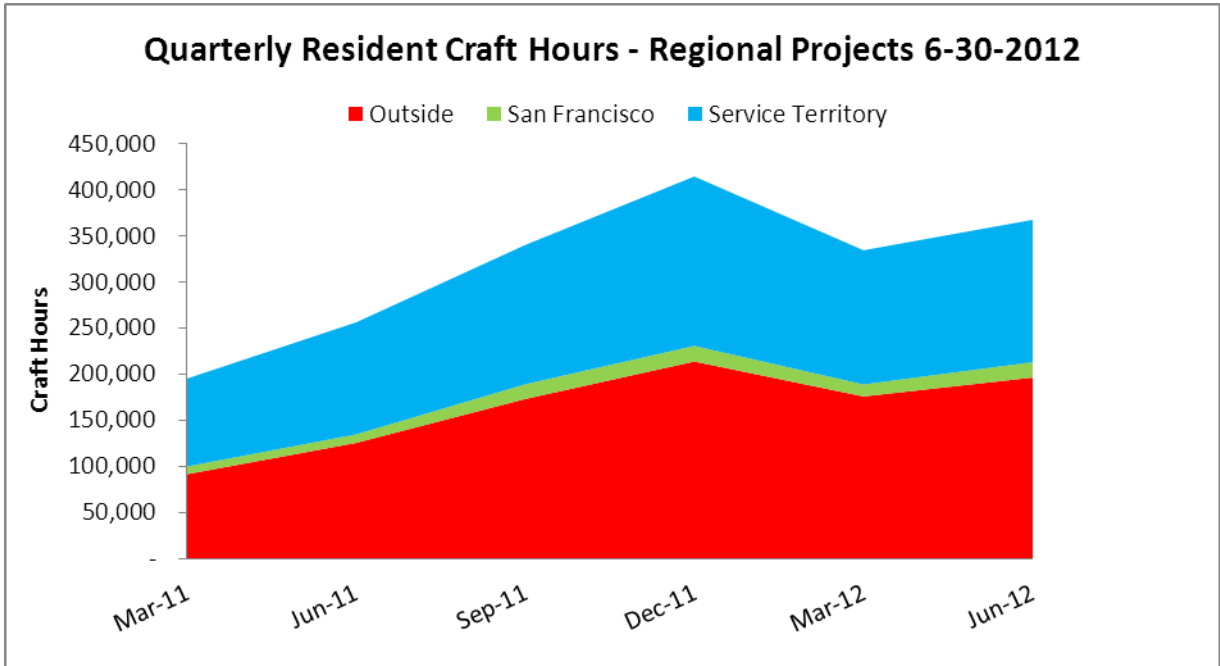
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SF Local WSIP Projects:



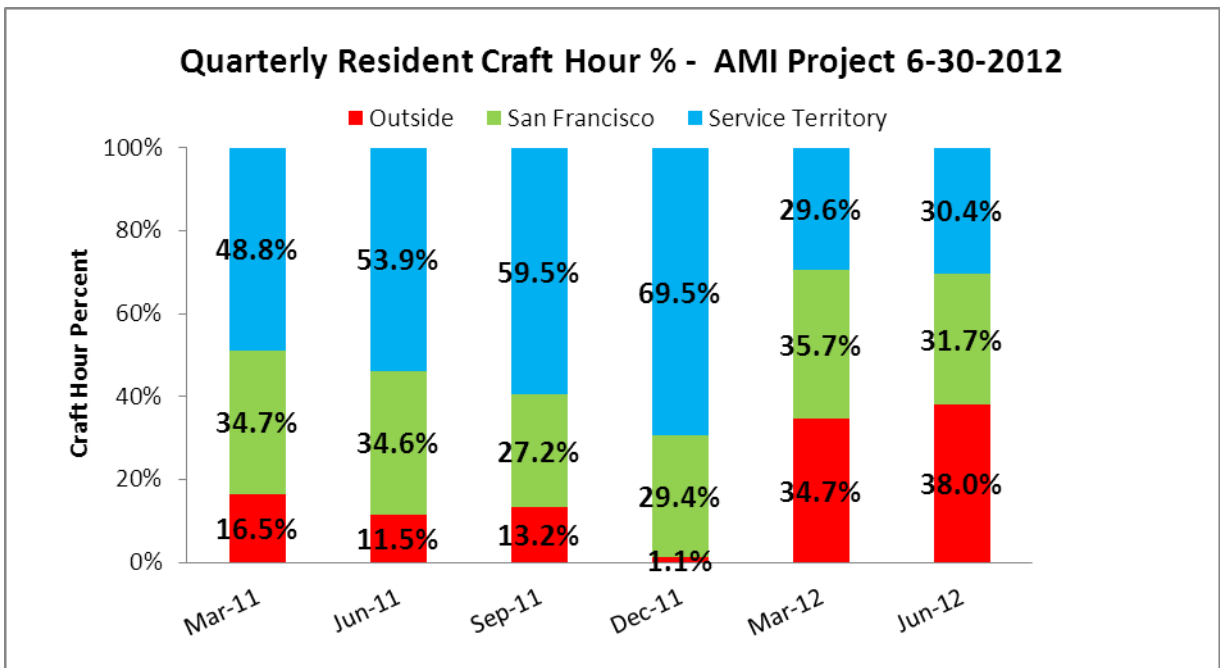
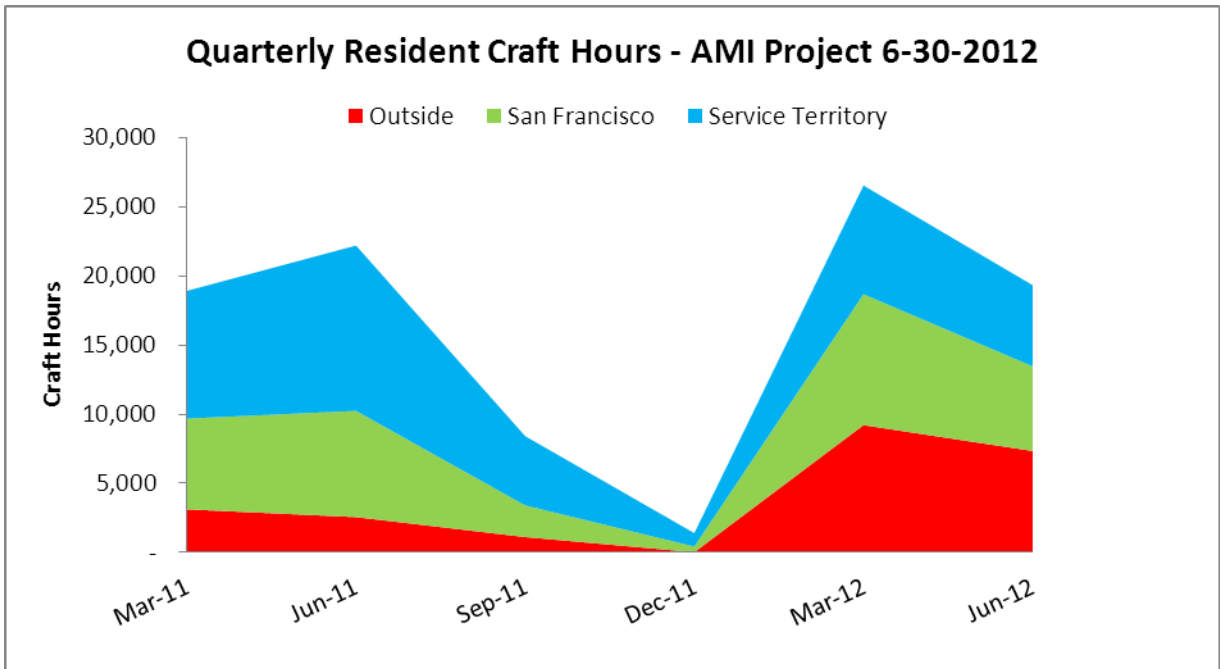
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Regional WSIP Projects:



San Francisco Public Utilities Commission
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Advanced Meter Infrastructure Project:



San Francisco Public Utilities Commission
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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%
Total WSIPLA	3,350,718	276,115	1,449,732	1,624,870	8.2%	43.3%

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

San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Craft Employment Summary for the Quarter Ended 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%
Aleman 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%
Total WSIPLA	3,350,718	276,115	1,449,732	1,624,870	8.2%	43.3%

Craft Worker Residence by County – All WSIPLA Covered Projects

San Francisco Public Utilities Commission
Water System Improvement Program Project Labor Agreement
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San Francisco Public Utilities Commission WSIP - Project Labor Agreement Covered Employment by County of Residence Inception Through 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
Total WSIPLA	115,360	3,235,357	3,350,718	\$ 125,335,723	100.0%	100.0%	100.0%	1,611

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 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.

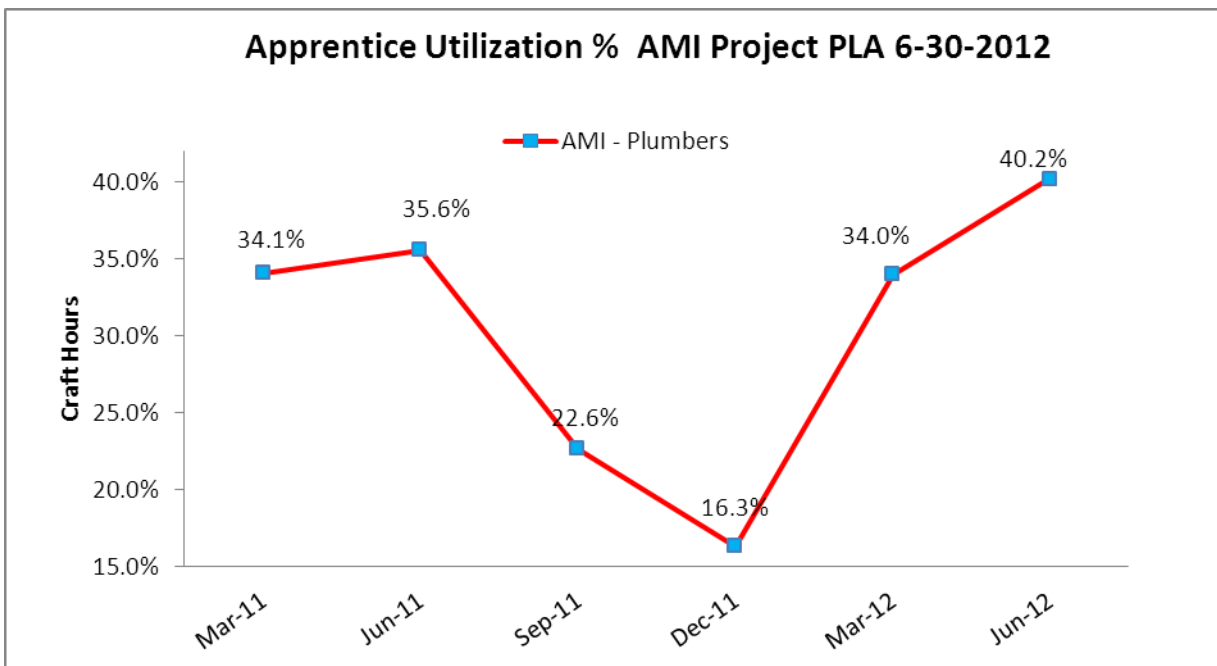
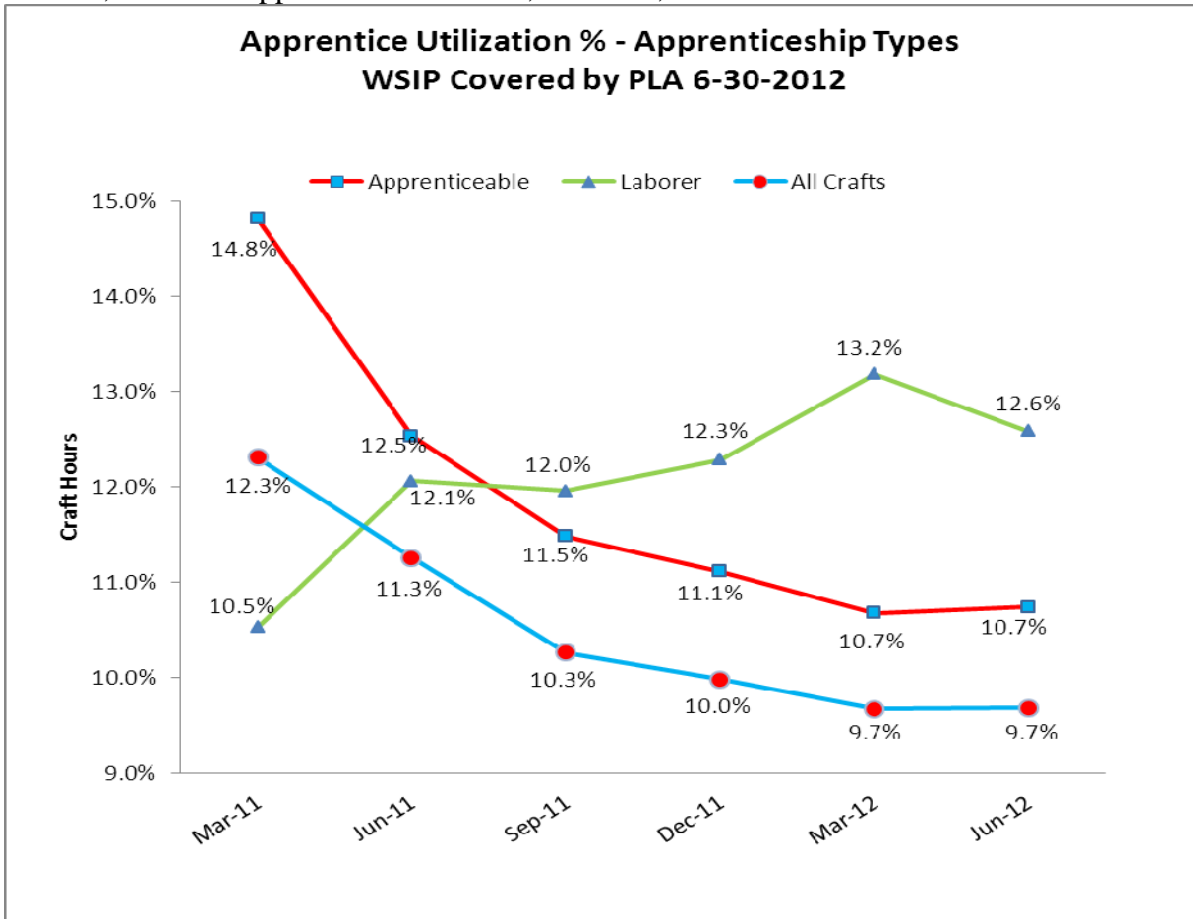
San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Craft Employment Summary for the Quarter Ended June 30, 2012 Apprentice Utilization - By Craft								
Craft/Program	Total Hours	Apprentice Hours	Apprentice Hours			Apprentice Utilization		
			San Francisco	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%
Total Apprenticeable	1,794,385	258,175	65,774	123,021	69,380	14.4%	3.7%	6.9%
LABORER	1,209,595	140,098	20,338	101,411	18,349	11.6%	1.7%	8.4%
Non-Apprenticeable								
TUNNEL WORKER	223,395							
TEAMSTER	115,346							
ASBESTOS WORKER	6,590							
TELECOMMUNICATIONS TECH	1,160							
SLURRY SEAL WORKER	247							
Total Non-Apprenticeable	346,738							
Total WSIPLA	3,350,718	398,273	86,112	224,432	87,729	11.9%	2.6%	6.7%

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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%
Total WSIP	1,794,385	1,209,595	346,738	3,350,718	258,175	140,098	398,273	14.4%	11.6%

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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.

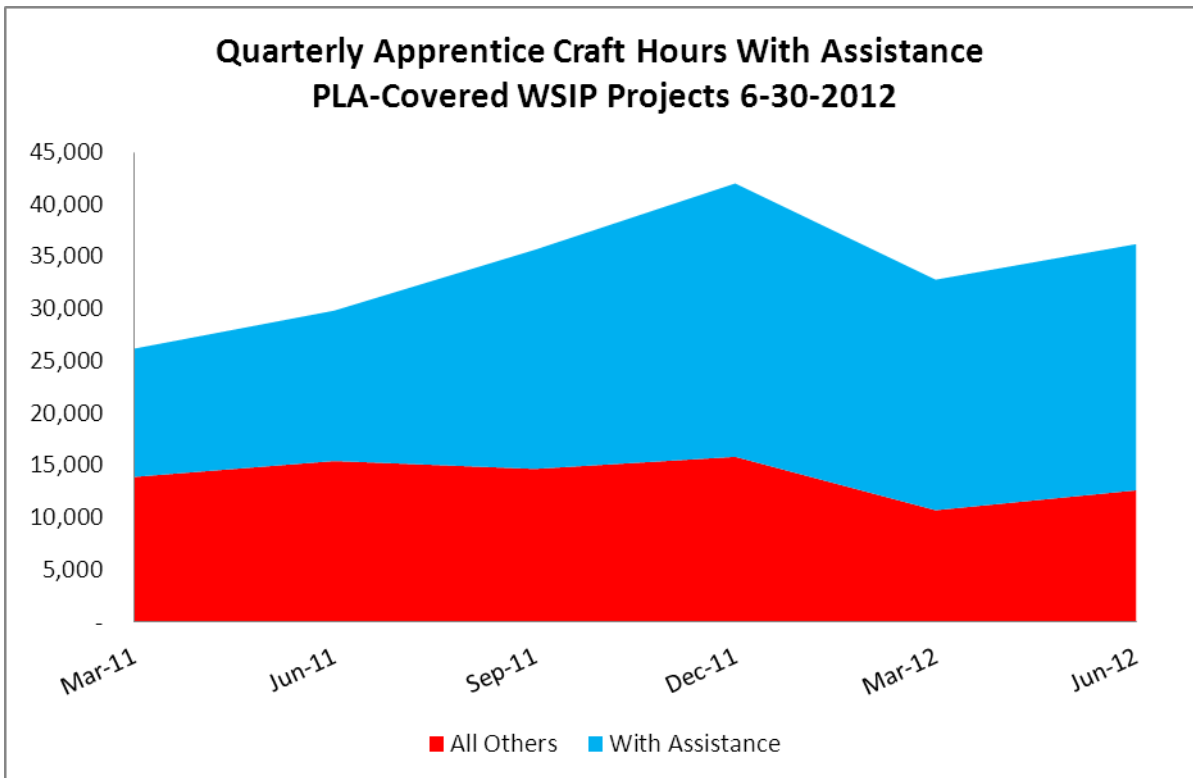
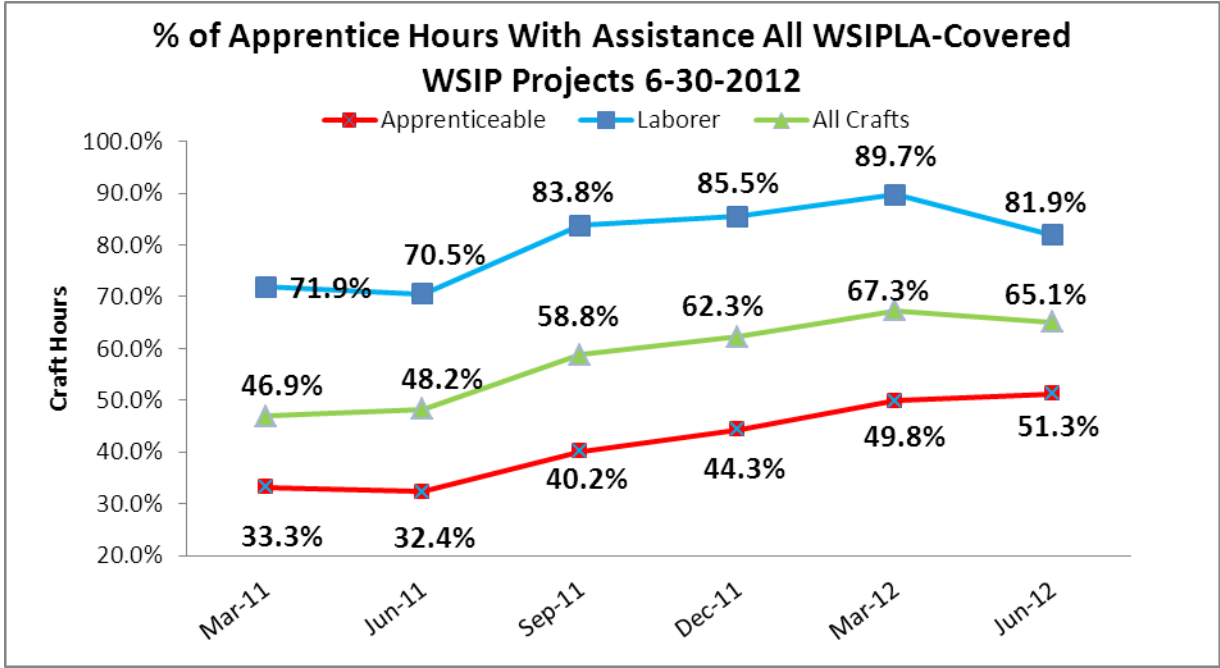
Water System Improvement Program Assisted Placement on the WSIPLA By Pre-Apprenticeship Training Program PLA Inception (Stanford Heights Reservoir) through June 30, 2012						
Referring Agency	Workers	Hours	Wages	% Workers	% Hours	% Wages
<u>Pre-Apprenticeship Training</u>						
CityBuild Academy	38	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%
Total WSIPLA	398,273	2,952,444	3,350,718	192,728	51,967	244,695	48.39%	1.76%	7.30%

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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	
Alemanys 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	
Total Cleared	7981	
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
Total Positive	1.32%	107

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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		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.

