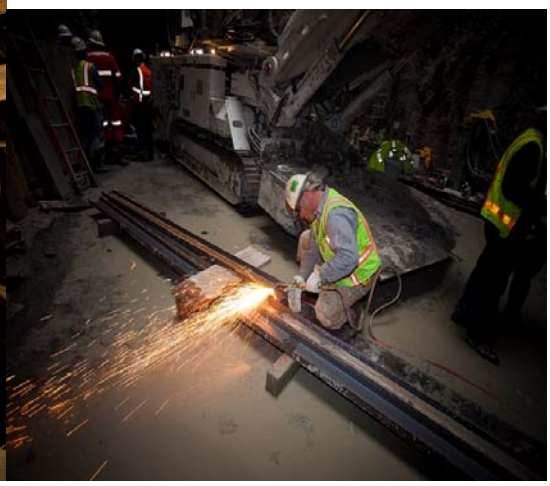
Water System Improvement Program Project Labor Agreement

Quarterly Report – Third Quarter 2010-2011



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WATER SYSTEM IMPROVEMENT PROGRAM

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Introduction

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-one WSIP contracts awarded subject to the WSIPLA in the amount of $1.415 Billion through March 31, 2011 represent 65.4% of the total estimated construction contracts projected to be awarded subject to the WSIPLA.

Construction Activity Highlights – Program-to-Date

Contracting:

- Thirty-one construction contracts with a value of $1.415 Billion have been awarded subject to the WSIPLA.
- The total of the range of the advertised construction cost estimates for the thirty-one contracts awarded subject to the WSIPLA was $1.669 Billion at the low end to $1.860 Billion at the high end. The $1.415 Billion awarded is 84.8% of the low end of the engineer's estimate.
- 9.4% of the $1.415 Billion awarded or $133.3 Million was awarded to Certified LBE Contractors. Each award met or exceeded the LBE subcontracting goal established by the San Francisco Human Rights Commission.
- Three San Francisco-Certified LBE Prime Contractors were awarded $26.6 Million, representing 2.3% of the $1.159 Billion awarded to Prime Contractors.
- One SFPUC Certified Regional LBE prime contractor was awarded $4.3 Million or .37% of the $1.159 Billion awarded to Prime Contractors.
- 98 LBE-Certified Sub-Contractors were awarded $102.3 Million representing 39.9% of the $256.1 Million awarded to Sub-Contractors.
- 71 San Francisco Certified LBE sub-contractors were awarded $51.2 Million representing 20.0% of the $256.1 Million awarded to Sub-Contractors.
- 27 SFPUC-Certified Regional Sub-Contractors were awarded $51.0 Million representing 20.0% of the $256.1 Million awarded to Sub-Contractors.

Employment:

- Since inception of the WSIPLA 4,143 construction workers were employed for 1,474,989 hours on PLA-Covered WSIP projects, and earned wages of $53,369,748.
- The WSIP construction workforce includes 425 San Francisco residents who worked 159,730 hours and earned $5,694,926, representing or 10.9% of covered hours and 77 full-time equivalent worker years.
- The WSIP construction workforce includes 1,819 residents of the Water Service Territory who worked 629,020 or 42.7% of covered hours and earned wages of $22,759,455, representing 302 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.
- 4,592 pre-employment substance abuse tests been administered to employees cleared to work on WSIPLA-covered projects as of March 31, 2011. 67 people were prevented from working on WSIPLA-covered projects because they did not pass the pre-employment substance abuse screening process.
- 125 low-income Apprentices were placed on WSIPLA-covered projects as of March 31, 2011 with the assistance of SFPUC and City staff. These 125 Apprentices are 26.9% of the apprentices employed to date, have worked 41.6% of covered apprentice hours, and earned 37.9% of covered apprentice wages.
- Completion of the WSIP is expected to require a total of 8,657,865 craft hours including a forecast of 5,908,989 or 68.3% of the craft hours required from April 1, 2011 through completion in 2015.

<u>Construction Activity Highlights – Quarter Ended March 31, 2011</u>

Contracting:

There were two construction contracts awarded subject to the WSIPLA during the Quarter Ended March.31, 2011: WD-2555, Crystal Springs Pipeline No.2 Replacement Project in the amount of $32,547,350 Ranger Pipelines Inc; and WD-2596, Harry Tracy Water Treatment Plant Long-Term Improvements in the amount of $ 174,197,000 to Kiewit Infrastructure West Company.

Employment:

- During the Quarter ended March 31, 2011 1,272 construction workers worked 199,222 hours on WSIP projects covered by the WSIPLA, and earned $7,280.565.
- During the Quarter ended March 31, 2011 73 San Francisco residents worked 12,091 hours and earned $444,376 on WSIPLA-covered construction projects.
- During the Quarter ended March 31, 2011 600 residents of the Water Service Territory worked 95,056 hours and earned $3,401,007. 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, 2011 568 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.
- 16 additional low-income workers were placed on WSIPLA covered projects during the Quarter ended March 31, 2011. First-source workers were employed for 15,119 hours and earned $414,241 during the Quarter ended March 31, 2011.

Summary of Craft Worker Employment:

The following table summarizes 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, 2011
Employment Summary by Worker Residence and PLA Coverage

	Inception thru March 31, 2011				Three Months Ended Mar. 31, 2011			
Residence/ Project Type	Worker Count	FTE	Sum of Hours	Sum of Wages	Worker Count	FTE	Sum of Hours	Sum of Wages
All Workers								
Advanced Meter Inf.	78	17	35,784	$ 1,502,591	73	8	17,262	717,818
WSIP with PLA	4,143	709	1,474,989	53,369,748	1,272	96	199,222	7,280,565
WSIP without PLA	692	133	275,910	8,720,633	42	2	3,502	116,225
Total	4,913	859	1,786,683	$ 63,592,972	1,387	106	219,986	$ 8,114,607
SF Residents								
Advanced Meter Inf.	31	6	11,680	$ 497,014	29	3	5,971	242,004
WSIP with PLA	425	77	159,730	5,694,926	73	6	12,091	444,376
WSIP without PLA	71	12	24,625	733,460	5	0	218	6,413
Total	527	94	196,035	$ 6,925,400	107	9	18,280	$ 692,792
Svc. Territory Res.								
Advanced Meter Inf.	36	7	15,206	$ 598,330	34	4	8,333	343,376
WSIP with PLA	1,819	302	629,020	22,759,455	600	46	95,056	3,401,007
WSIP without PLA	267	36	74,461	2,364,372	8	0	589	20,732
Total	2,122	346	718,686	$ 25,722,157	642	50	103,978	$ 3,765,115
Outside Residents								
Advanced Meter Inf.	13	4	8,898	$ 407,247	11	1	2,959	132,439
WSIP with PLA	1,980	330	686,240	24,915,367	608	44	92,075	3,435,182
WSIP without PLA	362	85	176,824	5,622,800	29	1	2,695	89,080
Total	2,355	419	871,962	$ 30,945,415	648	47	97,728	$ 3,656,701

Summary of Contracts Awarded:

As of its last meeting in the Quarter ended March 31, 2011, the SFPUC had awarded thirty-one WSIP construction contracts in the amount of $1.415 Billion subject to the WSIPLA. The total of the ranges of the advertised engineer's estimates for these

contracts was $1.669 Billion at the low end to $1.860 Billion at the high end. The $1.415 Billion awarded is 84.8% of the low end of the engineer's estimate.

In addition, in March of 2009 the SFPUC awarded a Personal Services Contract 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 March. 31, 2011

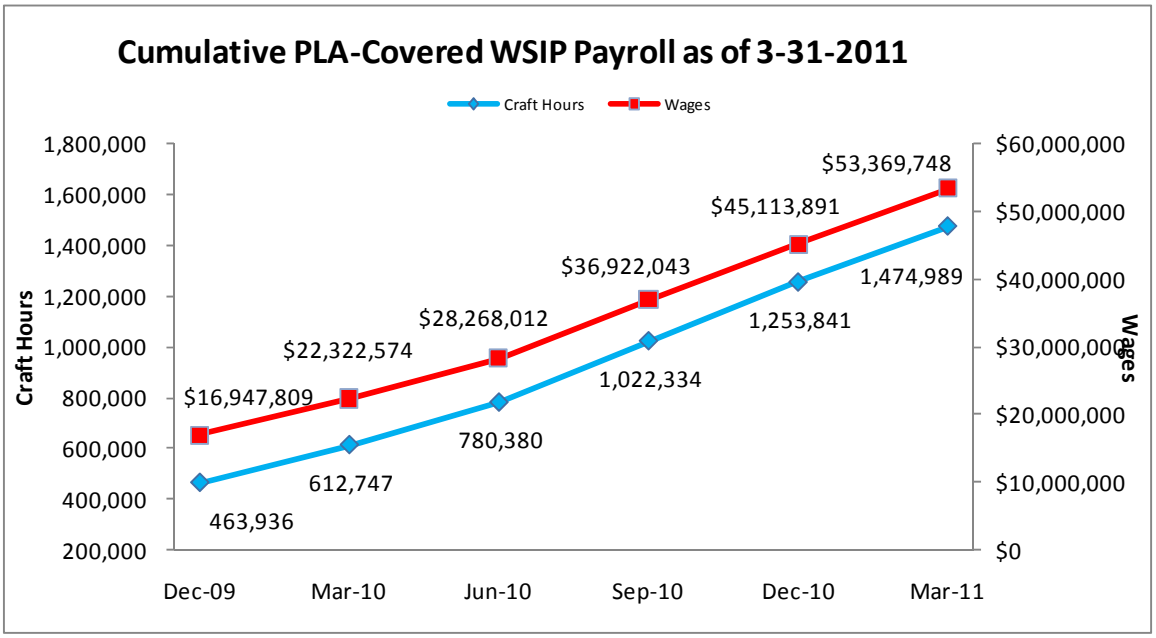
Prime Contractors	Number of Contractors	Award	Percent of Total Awarded
PUC Certified	1	$ 4,320,736	0.31%
San Francisco Certified	3	26,641,087	1.88%
Not Certified	16	1,127,812,409	79.71%
Sub Contractors			
PUC Certified	27	51,093,743	3.61%
San Francisco Certified	71	51,195,695	3.62%
Not Certified	94	153,802,858	10.87%
	212	$ 1,414,866,528	100.00%

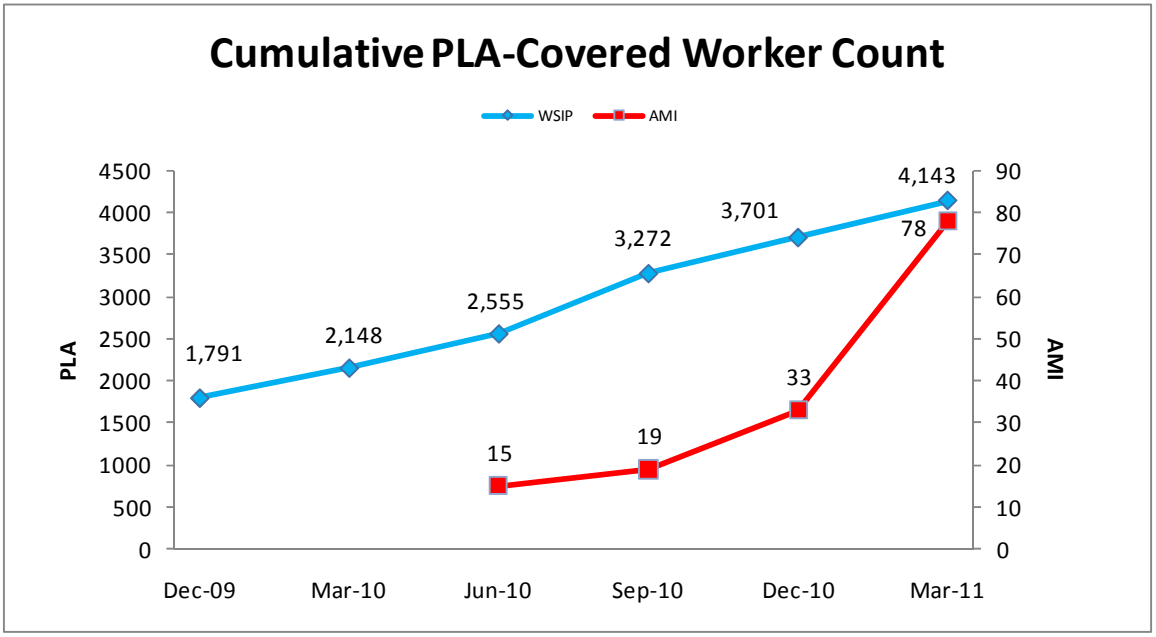
San Francisco Public Utilities Commission
Construction Contracts Awarded Subject to the WSIPLA through March 31, 2011

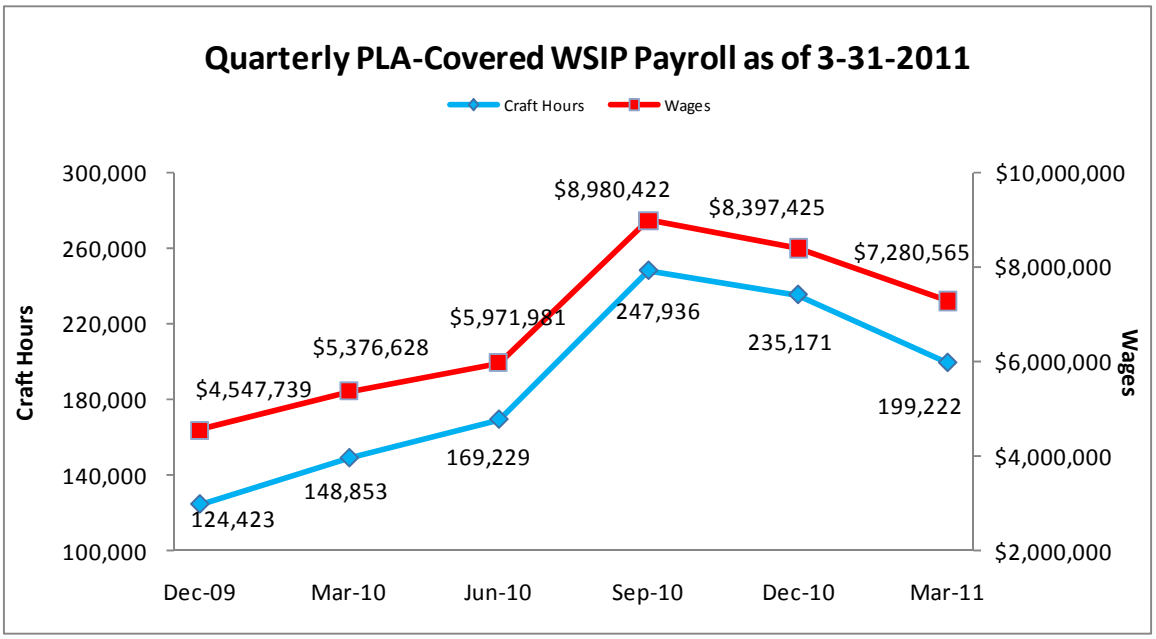
Contract No.	Prime Contractor	Project	Engineer's Estimate	Award
WD-2504	S.J. Amoroso Construction Co. Inc.	Stanford Heights Reservoir Seismic Retrofit and Improvement	$18 to $24 Million	$ 17,899,960
WD-2511	Power Engineering Contractors, Inc.	Standby Power Facilities, Various Locations	$5.7 Million	8,419,000
WD-2501	Monterey Mechanical 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 (SVWT	$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 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 Replacement P	$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
		Total Thirty-One Projects	$1.406 to $1.567	$ 1,414,866,528

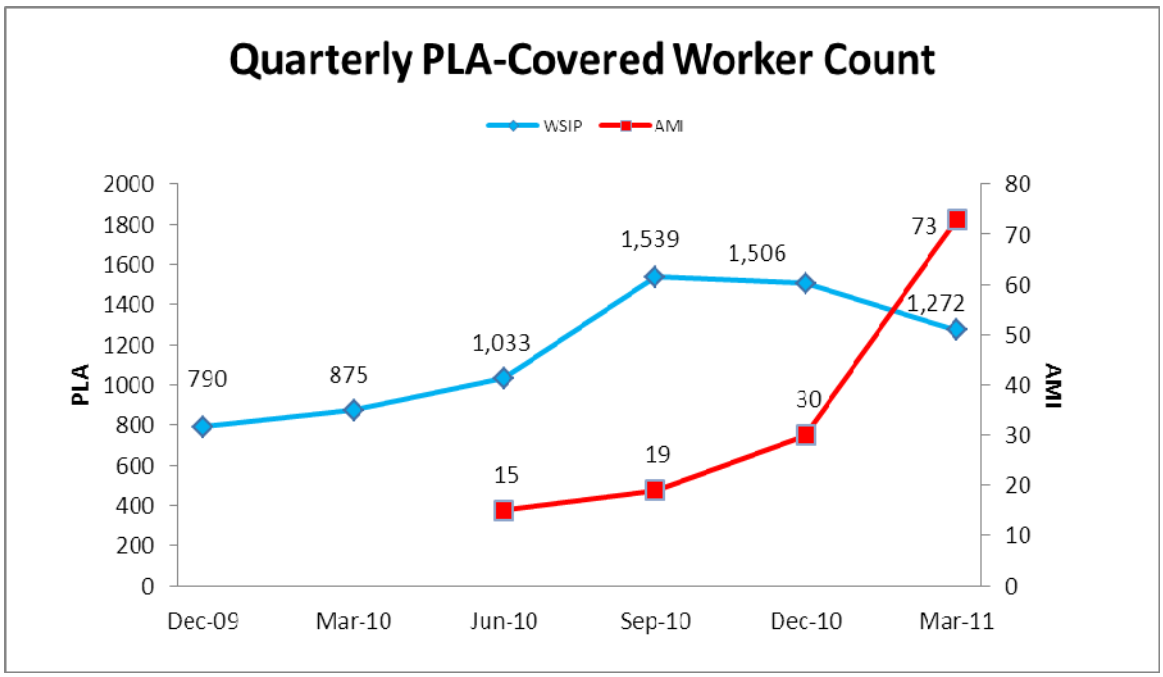
Craft Worker Employment on the PLA

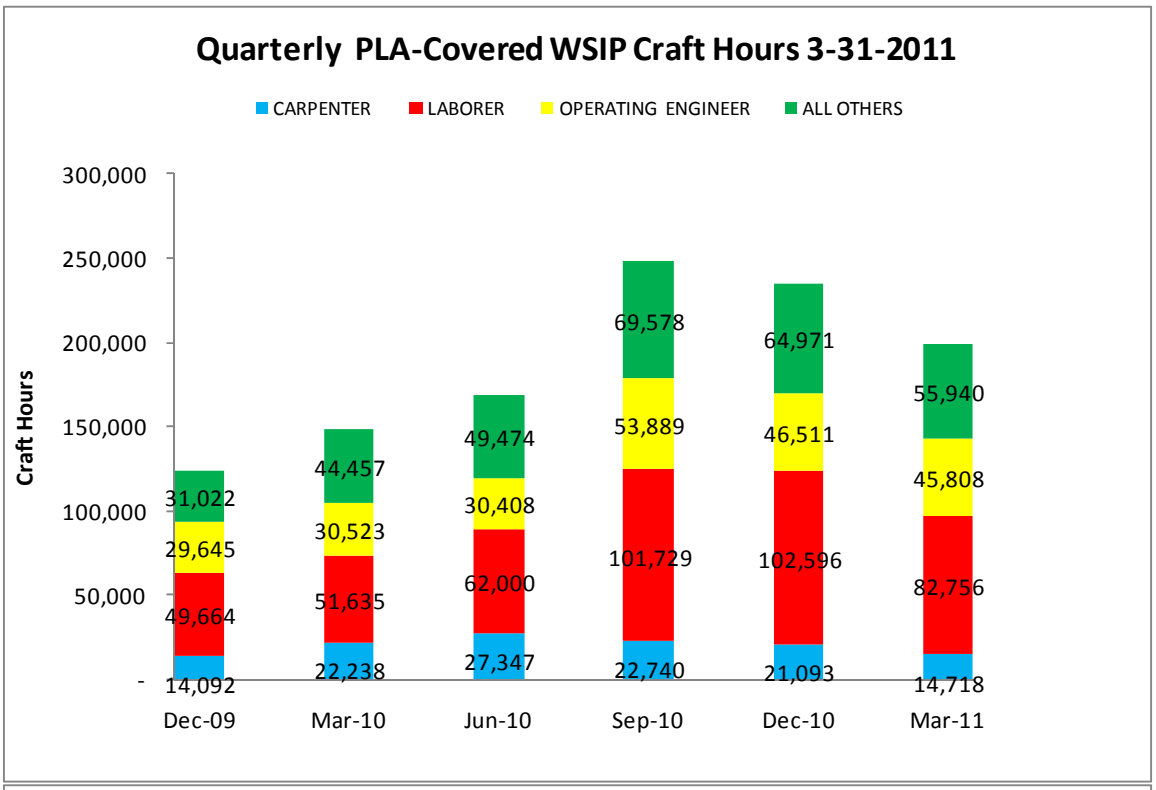
The following charts summarize craft worker employment under the WSIPLA for the last six quarters. The first and second tables are cumulative balances at the end of each quarter, and the third and fourth tables represent employment during each quarter. The fifth and sixth tables represent quarterly participation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

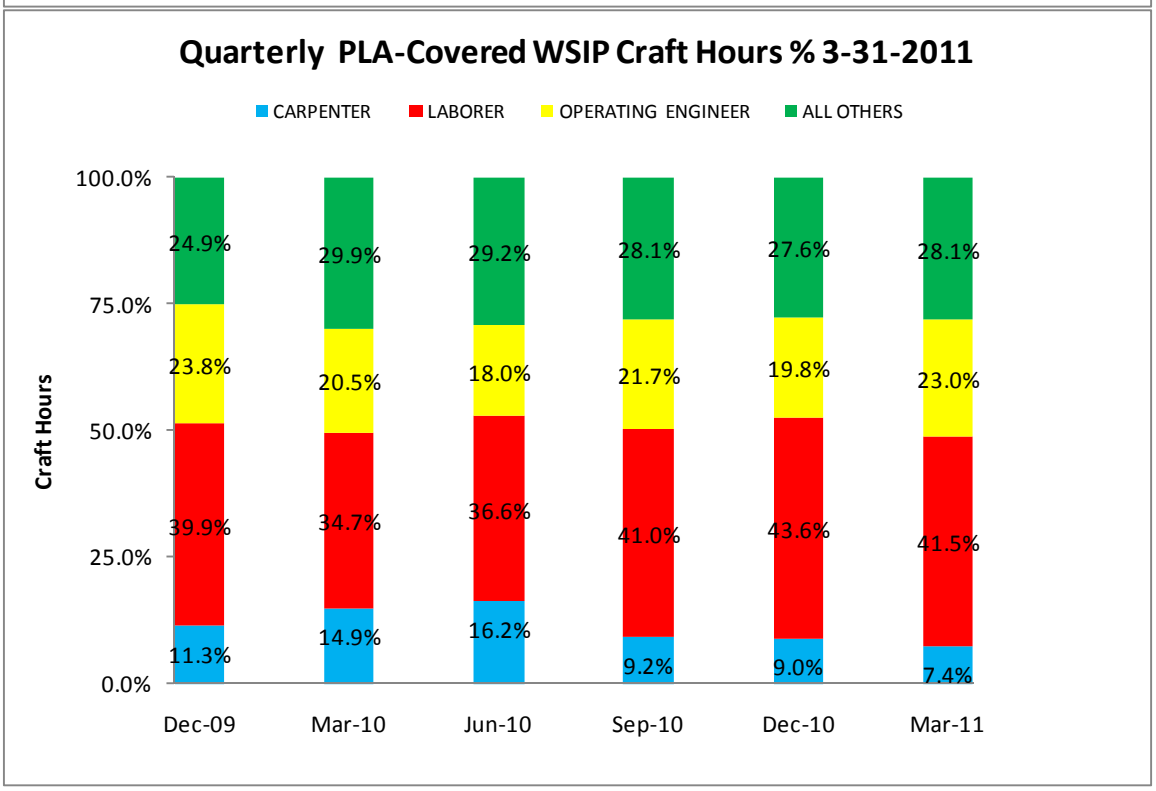




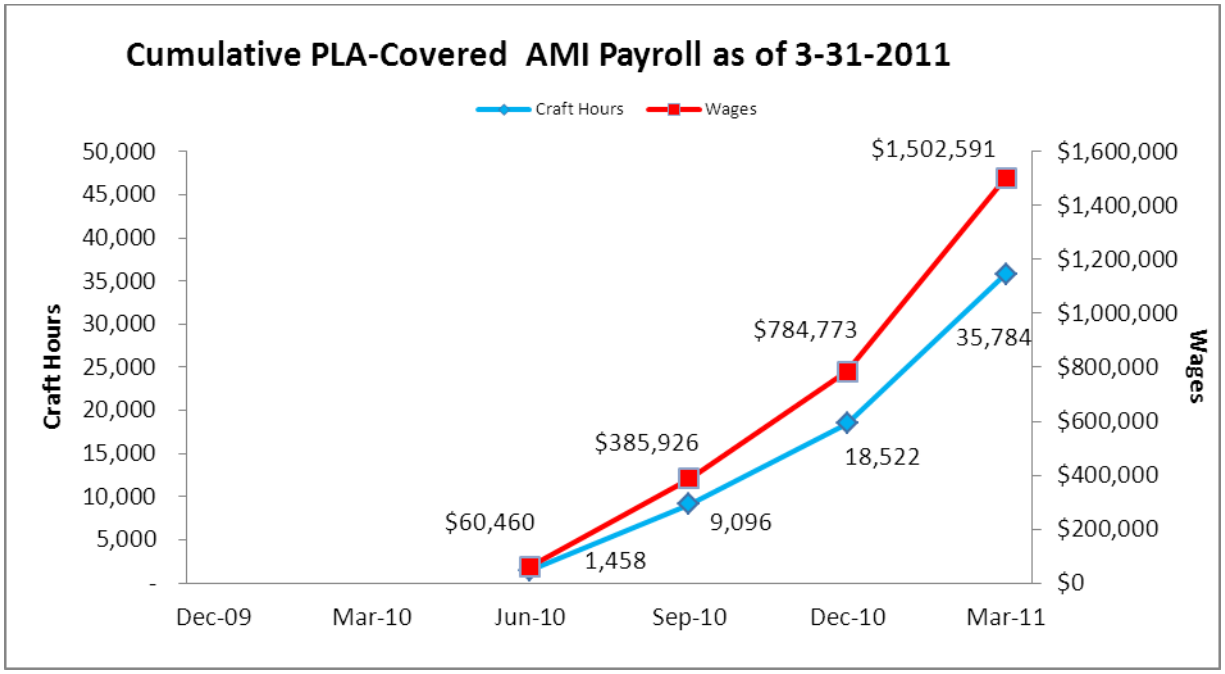

Quarterly PLA-Covered WSIP Payroll as of 3-31-2011
Craft Hours
Wages
300,000
260,000
220,000
180,000
140,000
100,000
$10,000,000
$8,000,000
$6,000,000
$4,000,000
$2,000,000
$4,547,739
$5,376,628
$5,971,981
$8,980,422
$8,397,425
$7,280,565
124,423
148,853
169,229
247,936
235,171
199,222
Dec-09
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11

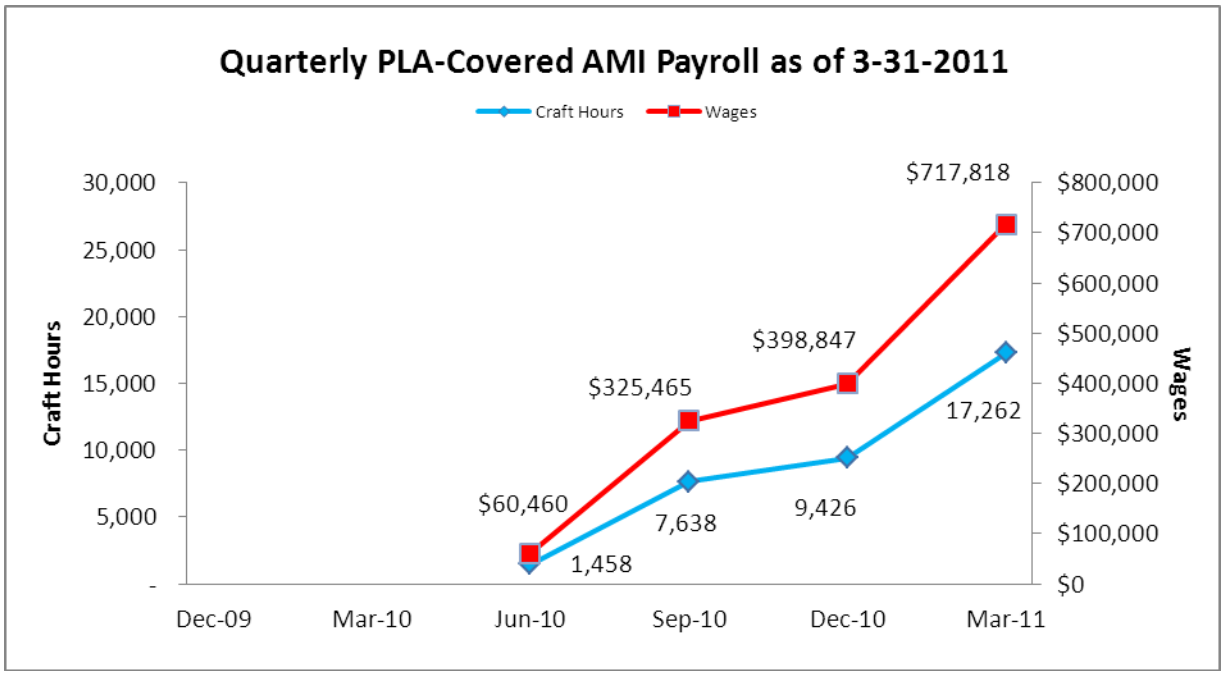

Quarterly PLA-Covered Worker Count
WSIP
AMI
PLA
AMI
2000
1800
1600
1400
1200
1000
800
600
400
200
0
80
70
60
50
40
30
20
10
0
790
875
1,033
1,539
1,506
1,272
15
19
30
73
Dec-09
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11


Quarterly PLA-Covered WSIP Craft Hours 3-31-2011
CARPENTER
LABORER
OPERATING ENGINEER
ALL OTHERS
Craft Hours
300,000
250,000
200,000
150,000
100,000
50,000
-
Dec-09
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11
14,092
49,664
29,645
31,022
22,238
51,635
30,523
44,457
27,347
62,000
30,408
49,474
22,740
101,729
53,889
69,578
21,093
102,596
46,511
64,971
14,718
82,756
45,808
55,940


Quarterly PLA-Covered WSIP Craft Hours % 3-31-2011
CARPENTER
LABORER
OPERATING ENGINEER
ALL OTHERS
Craft Hours
100.0%
75.0%
50.0%
25.0%
0.0%
Dec-09
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11
11.3%
39.9%
23.8%
24.9%
14.9%
34.7%
20.5%
29.9%
16.2%
36.6%
18.0%
29.2%
9.2%
41.0%
21.7%
28.1%
9.0%
43.6%
19.8%
27.6%
7.4%
41.5%
23.0%
28.1%

Work commenced on contract CS-936 Advanced Meter Infrastructure during the quarter ended June 30, 2010. This work is covered by the WSIPLA, and funding is provided by the SFPUC operating budget.





Craft Utilization on the PLA

As of March 31, 2011, contractors had reported craft hours in 46 worker classifications which the SFPUC summarizes into 24 craft areas reflecting all PLA-Covered work on the WSIP through March 31, 2011. 67.0% of the hours have been worked by Laborers, Operating Engineers and Carpenters. In June 2010 field work commenced on the Advanced Meter Infrastructure project, and by March 31, 2011, in addition to the hours shown below, 35,784 Plumber hours had been reported representing $1,502,591 in covered wages.

San Francisco Public Utilities Commission
WSIP - Project Labor Agreement
Covered Employment by Craft
Inception Through March 31, 2011

Craft	Hours	Wages	% Hours
LABORER	586,695	$17,481,197	32.75%
OPERATING ENGINEER	292,137	11,143,359	20.88%
CARPENTER	181,259	7,112,748	13.33%
ELECTRICIAN	94,281	4,411,591	8.27%
IRON WORKER	86,713	2,921,297	5.47%
TEAMSTER	56,516	3,249,456	6.09%
TUNNEL WORKER	55,964	2,184,174	4.09%
BOILERMAKER	25,738	1,188,131	2.23%
CEMENT MASON	20,337	693,328	1.30%
PLUMBER	19,469	859,202	1.61%
PAINTER	17,755	652,385	1.22%
ROOFER	17,127	553,306	1.04%
PILE DRIVER	7,520	402,439	0.75%
SHEET METAL WORKER	4,885	209,019	0.39%
FIELD SURVEYOR	2,607	101,399	0.19%
BRICKLAYER	2,594	94,416	0.18%
TELECOMMUNICATIONS TE	1,144	36,747	0.07%
PLASTERER	738	24,346	0.05%
ASBESTOS WORKER	674	16,846	0.03%
GLAZIER	396	21,136	0.04%
SLURRY SEAL WORKER	199	4,644	0.01%
ELECTRICAL UTILITY LINEM	104	4,457	0.01%
TILE FINISHER	84	1,840	0.00%
TILE SETTER	57	2,288	0.00%
	1,474,989	$53,369,748	100.00%

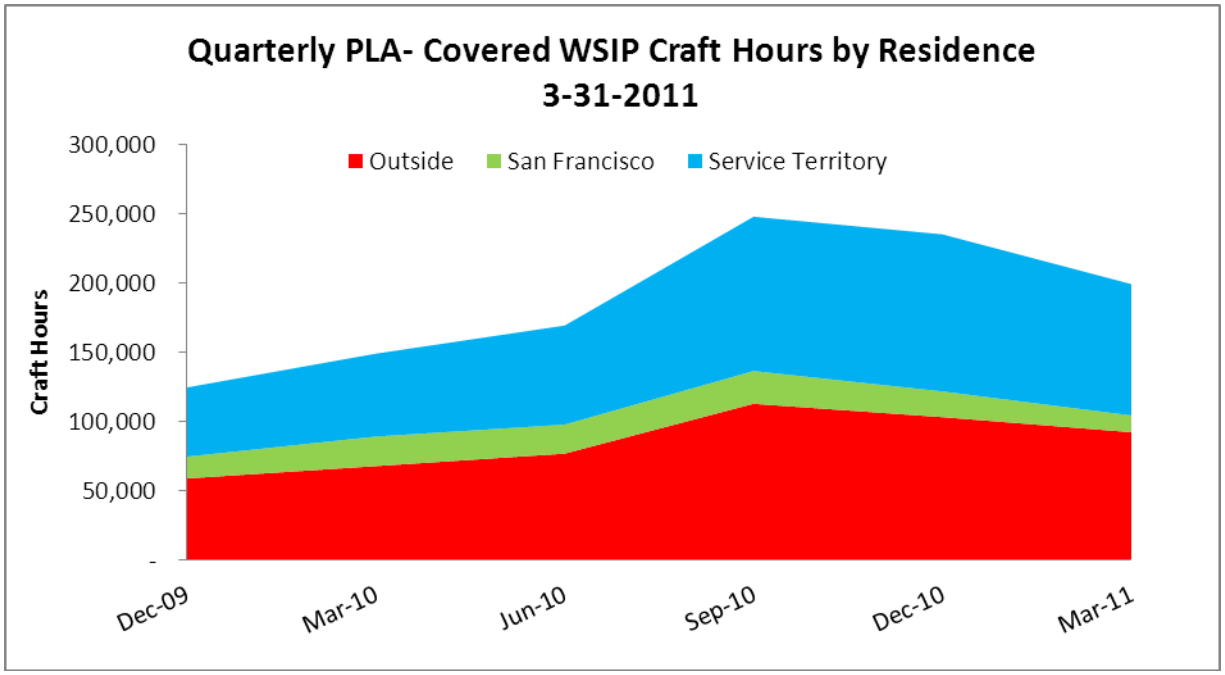
San Francisco Public Utilities Commission
Water System Improvement Program - Project Labor Agreement
Craft Employment Summary for the Quarter Ended March 31, 2011
Employment Summary - Cumulative and Last Six Quarters

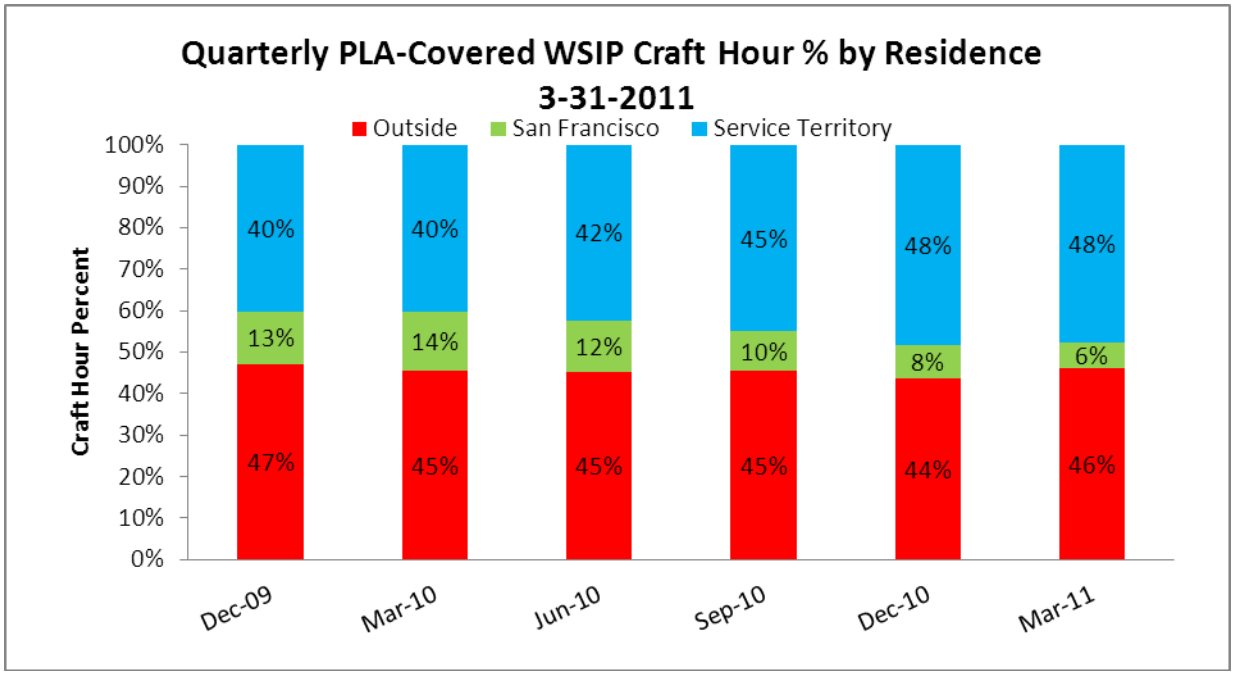
	Cumulative thru March 31, 2011	QE 12-31-09	QE 3-31-10	QE 6-30-10	QE 9-30-10	QE 12-31-10	QE 3-31-11
Craft Worker Earnings							
ASBESTOS WORKER	$ 16,846		$ 960	$ 750	$ 5,739	$ 4,209	$ 988
BOILERMAKER	1,188,131	59,079	$ 95,685	187,448	254,956	277,132	$ 265,612
BRICKLAYER	94,416				7,189	27,460	17,701
CARPENTER	7,112,748	571,723	878,615	1,052,094	908,656	864,565	589,864
CEMENT MASON	693,328	48,420	122,683	57,240	112,470	135,732	64,648
ELECTRICAL UTILITY LINEMAN	4,457						4,457
ELECTRICIAN	4,411,591	285,970	337,833	397,168	525,840	623,209	660,492
FIELD SURVEYOR	101,399	6,655	1,639	7,207	12,318	16,892	30,391
GLAZIER	21,136			7,930	2,803	5,367	
IRON WORKER	2,921,297	230,344	428,889	408,499	377,456	369,603	538,703
LABORER	17,481,197	1,501,004	1,545,504	1,798,024	3,045,161	3,091,318	2,525,249
OPERATING ENGINEER	11,143,359	1,138,754	1,163,105	1,138,389	2,078,879	1,753,714	1,732,261
PAINTER	652,385	43,099	54,744	58,934	87,576	125,038	137,281
PILE DRIVER	402,439	17,090	16,452	96,213			65,939
PLASTERER	24,346					14,325	10,020
PLUMBER	859,202	22,179	49,761	48,758	104,828	138,995	88,746
ROOFER	553,306	1,630	3,748	53,451	166,262	148,172	71,498
SHEET METAL WORKER	209,019	41,728	11,365	44,247	44,546	39,952	18,838
SLURRY SEAL WORKER	4,644					4,644	
TEAMSTER	3,249,456	243,756	236,660	322,632	962,922	560,125	338,496
TELECOMMUNICATIONS TECH	36,747					12,552	21,964
TILE FINISHER	1,840					780	1,060
TILE SETTER	2,288					1,481	807
TUNNEL WORKER	2,184,174	336,308	428,985	292,996	282,820	182,160	95,550
	$53,369,748	$4,547,739	$5,376,628	$5,971,981	$8,980,422	$8,397,425	$7,280,565
Craft Hours Worked							
ASBESTOS WORKER	674		48	36	291	104	39
BOILERMAKER	25,738	823	2,148	4,275	5,903	5,888	5,886
BRICKLAYER	2,594				162	734	477
CARPENTER	181,259	14,092	22,238	27,347	22,740	21,093	14,718
CEMENT MASON	20,337	1,374	3,523	1,684	3,549	4,044	1,752
ELECTRICAL UTILITY LINEMAN	104						104
ELECTRICIAN	94,281	5,974	7,080	9,290	12,911	14,782	14,440
FIELD SURVEYOR	2,607	163	47	204	343	517	803
GLAZIER	396			133	60	96	
IRON WORKER	86,713	6,656	12,370	11,652	11,412	10,824	15,116
LABORER	586,695	49,664	51,635	62,000	101,729	102,596	82,756
OPERATING ENGINEER	292,137	29,645	30,523	30,408	53,889	46,511	45,808
PAINTER	17,755	1,307	1,548	1,765	2,473	3,593	3,350
PILE DRIVER	7,520	368	329	1,624			996
PLASTERER	738					435	304
PLUMBER	19,469	415	1,424	1,432	2,889	3,400	1,731
ROOFER	17,127	57	129	1,673	5,088	4,755	1,767
SHEET METAL WORKER	4,885	703	281	1,341	1,027	967	403
SLURRY SEAL WORKER	199					199	
TEAMSTER	56,516	4,628	4,843	6,911	16,540	9,553	5,526
TELECOMMUNICATIONS TECH	1,144					403	693
TILE FINISHER	84					35	49
TILE SETTER	57					37	20
TUNNEL WORKER	55,964	8,557	10,690	7,457	6,931	4,609	2,489
	1,474,989	124,423	148,853	169,229	247,936	235,171	199,222

Worker Residence on the PLA

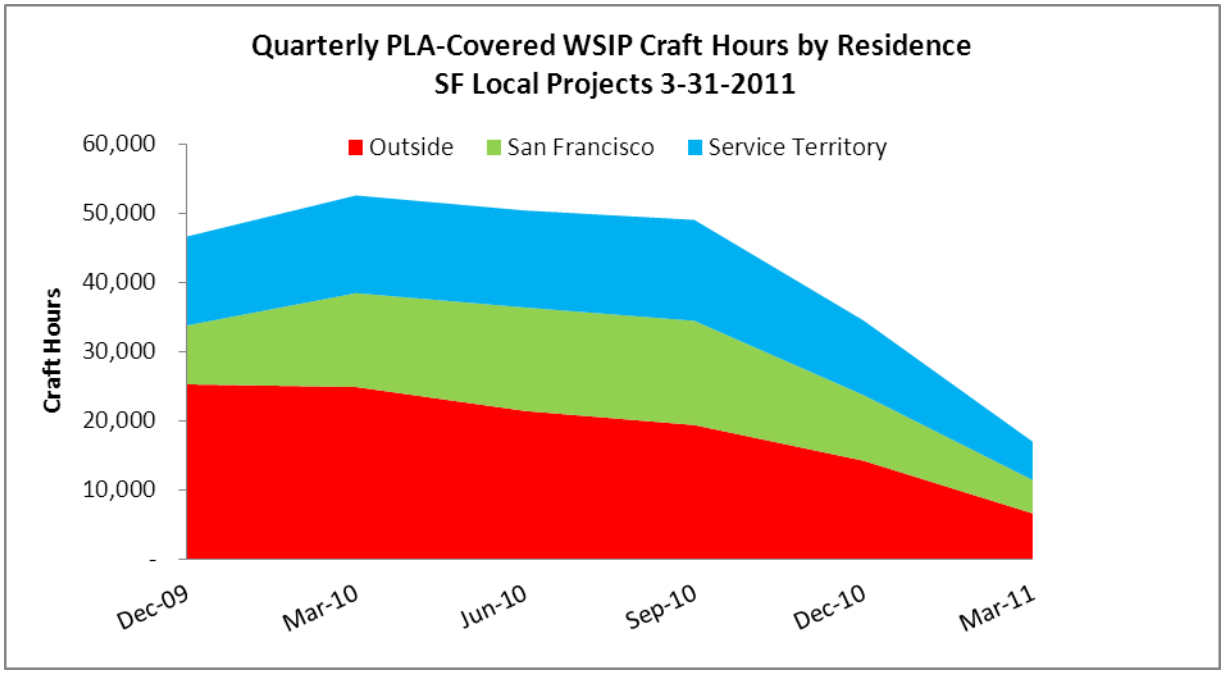
The following charts and tables summarize PLA-Covered craft hours recorded in the Elations Certified Payroll System through March 31, 2011. The Service Territory is defined as zip codes within which the SFPUC wholesale water customers deliver water, plus zip codes impacted by WSIP construction between San Francisco and Hetch Hetchy Reservoir. WSIP Projects are defined as SF Local WSIP Projects if they are located in San Francisco, and as Regional WSIP Projects if they are located Outside San Francisco.

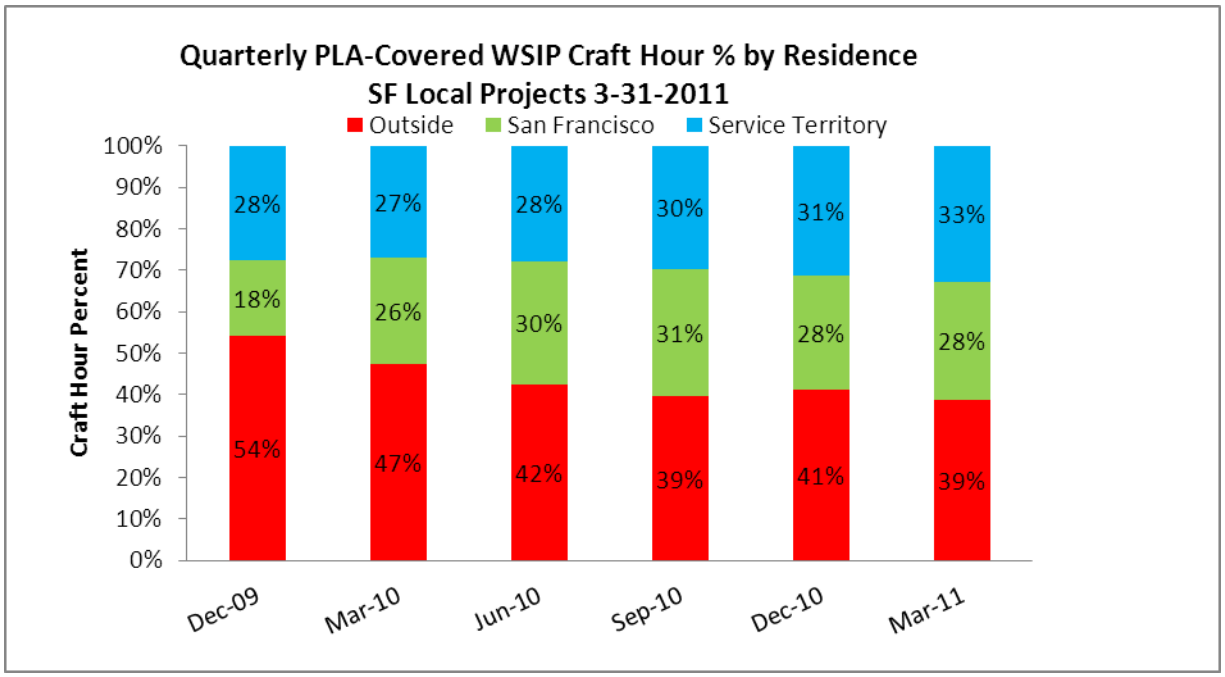
All WSIP Projects:



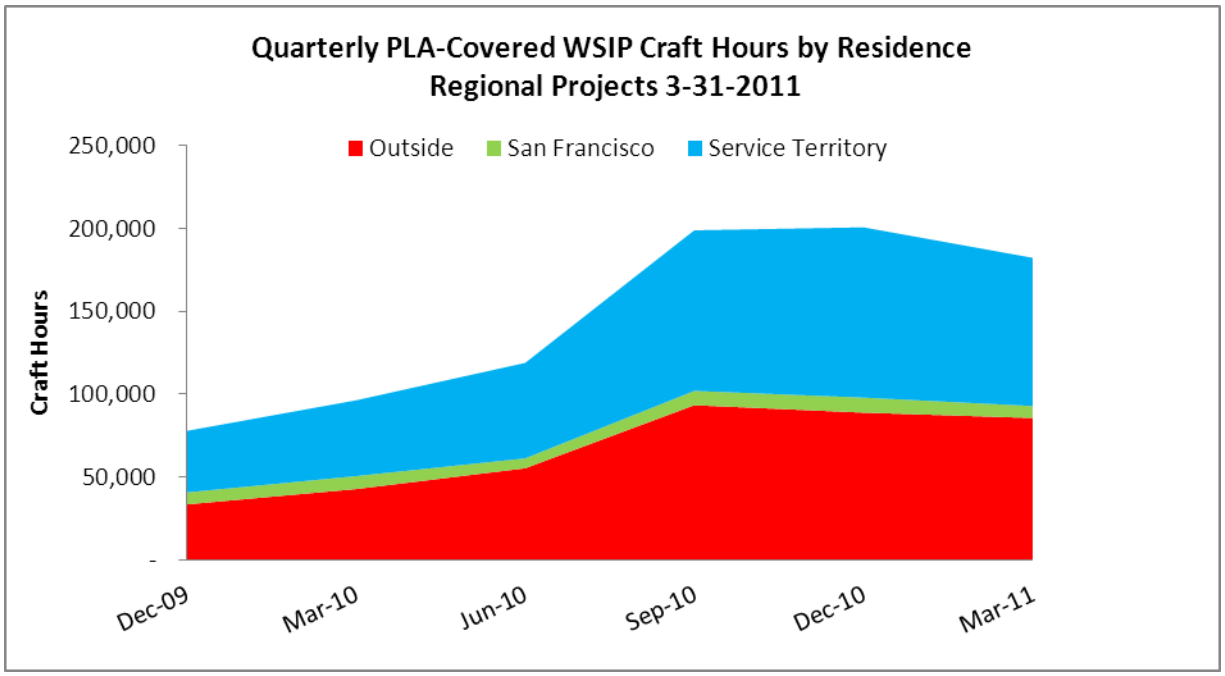


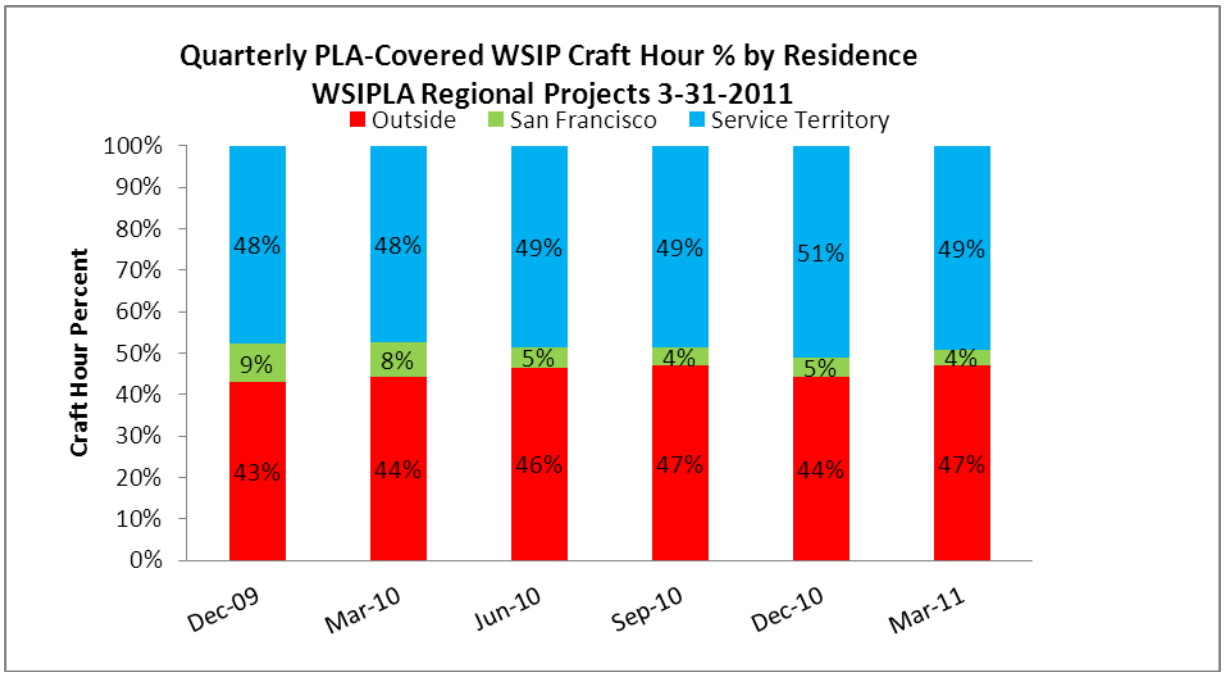
SF Local WSIP Projects:



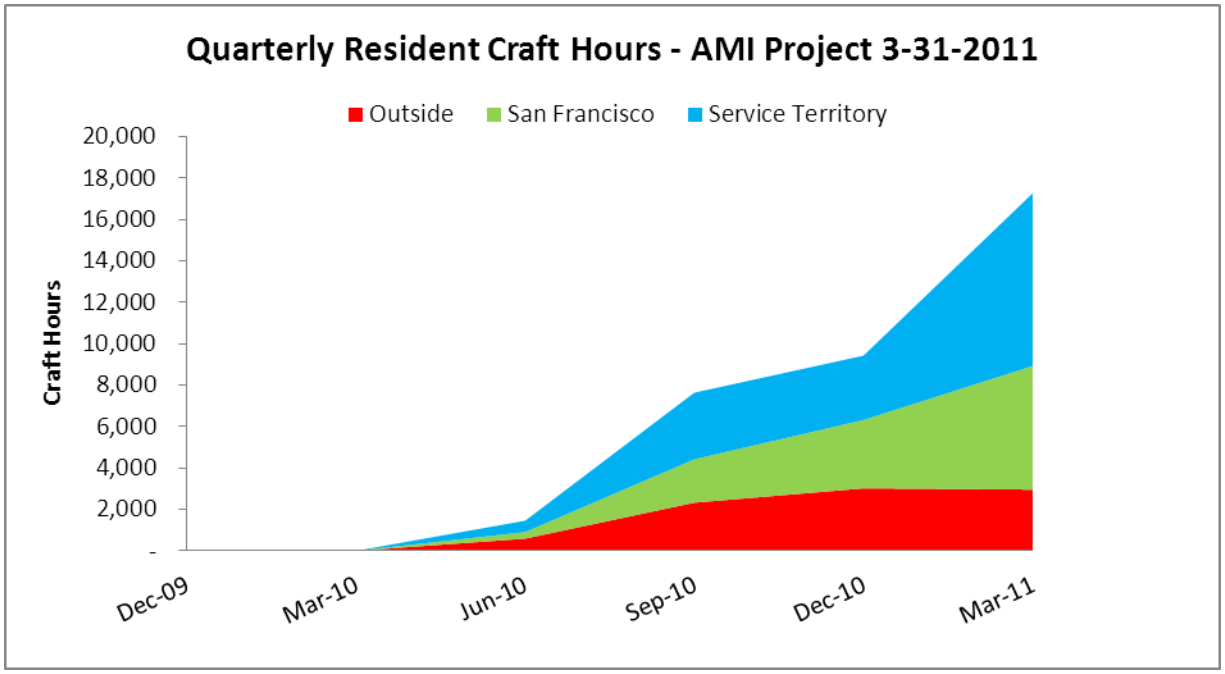


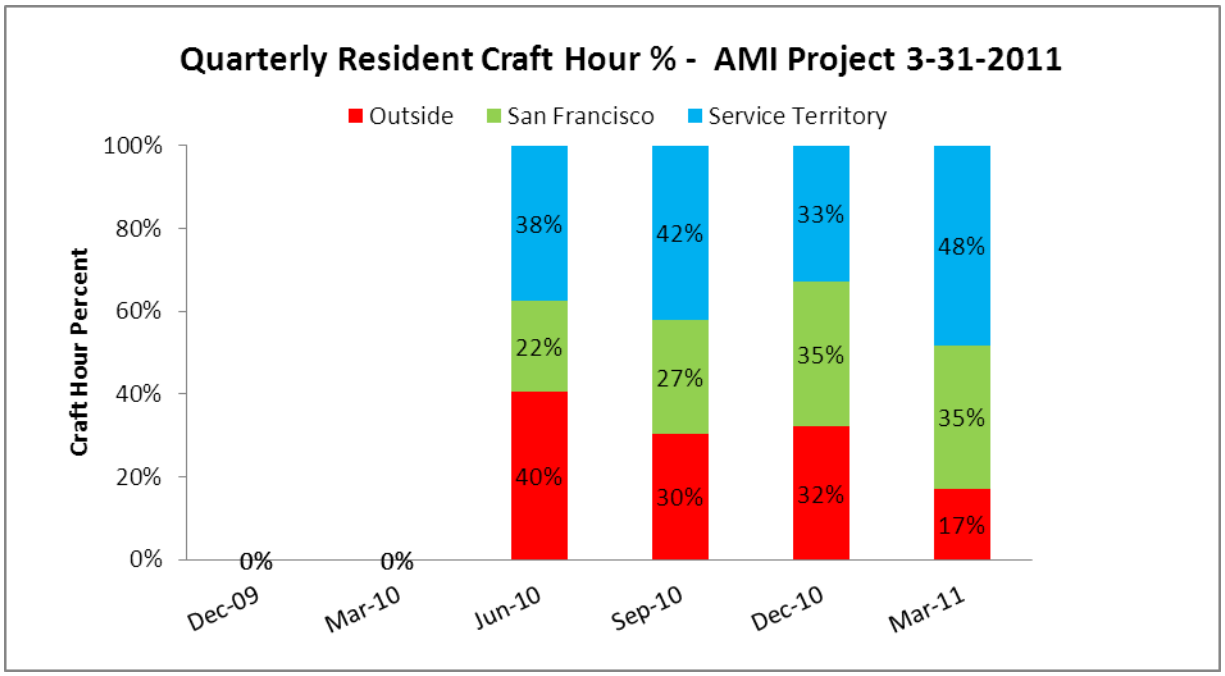
Regional WSIP Projects:





Advanced Meter Infrastructure Project:





San Francisco Public Utilities Commission
Water System Improvement Program Project Labor Agreement
Craft Hour Summary for the Quarter Ended March 31, 2011
Employment Summary - Cumulative Employment of Residents by Craft

Craft	Total Hours	San Francisco	Service Territory	Outside	% San Francisco	% Service Territory
ASBESTOS WORKER	674		49	625	0.0%	7.3%
BOILERMAKER	25,738	454	6,107	19,178	1.8%	23.7%
BRICKLAYER	2,594		2,257	337	0.0%	87.0%
CARPENTER	181,259	34,828	78,381	68,051	19.2%	43.2%
CEMENT MASON	20,337	698	11,892	7,747	3.4%	58.5%
ELECTRICAL UTILITY LINEMAN	104			104	0.0%	0.0%
ELECTRICIAN	94,281	13,915	55,421	24,945	14.8%	58.8%
FIELD SURVEYOR	2,607	445	2,005	157	17.1%	76.9%
GLAZIER	396		194	202	0.0%	48.9%
IRON WORKER	86,713	7,616	32,851	46,246	8.8%	37.9%
LABORER	586,695	60,034	230,087	296,574	10.2%	39.2%
OPERATING ENGINEER	292,137	25,978	123,278	142,882	8.9%	42.2%
PAINTER	17,755	114	2,886	14,756	0.6%	16.3%
PILE DRIVER	7,520	186	530	6,805	2.5%	7.0%
PLASTERER	738	738			100.0%	0.0%
PLUMBER	19,469	2,625	8,423	8,421	13.5%	43.3%
ROOFER	17,127	2,004	6,834	8,289	11.7%	39.9%
SHEET METAL WORKER	4,885	389	3,288	1,208	8.0%	67.3%
SLURRY SEAL WORKER	199		85	114	0.0%	42.8%
TEAMSTER	56,516	7,196	34,213	15,108	12.7%	60.5%
TELECOMMUNICATIONS TECH	1,144		1,072	72	0.0%	93.7%
TILE FINISHER	84		84		0.0%	100.0%
TILE SETTER	57		55	2	0.0%	96.5%
TUNNEL WORKER	55,964	2,513	29,031	24,421	4.5%	51.9%
Total WSIP	1,474,989	159,730	629,020	686,240	10.8%	42.6%
Advanced Meter Infrastructure						
PLUMBER	35,784	11,680	15,206	8,898	32.6%	42.5%
Total WSIPLA	1,510,773	171,410	644,225	695,138	11.3%	42.6%

San Francisco Public Utilities Commission
Water System Improvement Program - Project Labor Agreement
Craft Employment Summary for the Quarter Ended March 31, 2011
Employment Summary - Cumulative Employment of Residents by Project

	Total Hours	San Francisco	Service Territory	Outside	% San Francisco	% Service Territory
Alameda Siphon No. 4	91,754	1,450	40,158	50,146	1.58%	43.77%
Alemany Pump Station	74,096	7,943	28,953	37,199	10.72%	39.08%
Baden and San Pedro Valve Lot	19,375	4,368	13,157	1,850	22.54%	67.91%
Bay Tunnel	31,880	1,702	15,647	14,532	5.34%	49.08%
BDPL 5 - East Bay	141,036	10,105	54,697	76,235	7.16%	38.78%
BDPL 5 - Peninsula	89,352	1,218	42,189	45,944	1.36%	47.22%
BDPL Nos. 3&4 Crossover	14,905	7,191	2,630	5,085	48.24%	17.64%
Crystal Springs / San Andreas	5,566	483	1,961	3,123	8.67%	35.22%
Crystal Springs Pipe # 2	45	19	26		42.22%	57.78%
Forest Knolls Pump Station	26,473	3,844	8,140	14,489	14.52%	30.75%
Harding Park	991	248	367	376	25.04%	37.05%
Harry Tracy WTP Short Term	43,084	7,220	12,880	22,984	16.76%	29.89%
Lake Merced Pump Station	58,190	16,169	18,813	23,208	27.79%	32.33%
Lower Crystal Springs Dam	747	72	285	391	9.64%	38.09%
New Crystal Springs Bypass Tunnel	116,047	6,825	63,183	46,040	5.88%	54.45%
New Irvington Tunnel	34,440	544	19,005	14,891	1.58%	55.18%
Noe Valley Transmission Main	22,511	3,918	8,054	10,539	17.40%	35.78%
North U Mound System	53,265	10,250	18,221	24,795	19.24%	34.21%
Pulgas Rehab and Roof	28,964	3,300	13,196	12,468	11.39%	45.56%
Roselle Crossovers	12,328		8,331	3,997	0.00%	67.58%
San Andreas Pipeline No.3	82,871	6,294	27,865	48,712	7.59%	33.63%
San Antonio Pump Station	13,938	48	11,257	2,633	0.34%	80.77%
San Joaquin Crossovers	26,937	66	13,368	13,504	0.24%	49.63%
San Joaquin Pipeline West	168		115	53	0.00%	68.50%
SCADA System Phase II	1,498	113	605	781	7.56%	40.35%
Standby Power Facilities	11,275	182	6,574	4,519	1.61%	58.31%
Stanford Heights Reservoir	74,300	11,120	20,114	43,067	14.97%	27.07%
Sunol Valley WTP	90,865	2,858	44,390	43,616	3.15%	48.85%
Tesla Treatment Facility	127,937	2,724	86,145	39,069	2.13%	67.33%
University Mound Reservoir	180,153	49,459	48,695	81,999	27.45%	27.03%
Total WSIP	1,474,989	159,730	629,020	686,240	10.83%	42.65%
Advanced Meter Infrastructure	35,784	11,680	15,206	8,898	32.6%	42.5%
Total WSIPLA	1,510,773	171,410	644,225	695,138	11.3%	42.6%

San Francisco Public Utilities Commission
WSIPLA - WSIP Projects
Covered Employment by County of Residence
Inception Through March 31, 2011

	Water System Improvement Program				Advanced Meter Infrastructure Project			
County	Hours Worked	Total Wages	Hours Worked %	Total Wages %	Hours Worked	Total Wages	Hours Worked %	Total Wages %
Alameda	295,108	$10,298,790	20.01%	19.30%	3,065	77,254	4.28%	2.57%
Contra Costa	223,619	8,000,196	15.16%	14.99%	1,246	29,409	1.74%	0.98%
San Francisco	159,730	5,694,926	10.83%	10.67%	23,361	994,029	32.64%	33.08%
San Joaquin	152,651	5,114,047	10.35%	9.58%	1,619	75,547	2.26%	2.51%
San Mateo	127,183	5,140,032	8.62%	9.63%	25,568	1,039,039	35.72%	34.57%
Santa Clara	87,648	3,112,810	5.94%	5.83%	160	4,819	0.22%	0.16%
Stanislaus	70,898	2,483,531	4.81%	4.65%				
Sacramento	53,269	2,127,785	3.61%	3.99%				
Solano	37,693	1,329,686	2.56%	2.49%				
Sonoma	34,448	1,295,994	2.34%	2.43%	3,736	169,186	5.22%	5.63%
Out of State	28,887	1,246,744	1.96%	2.34%	11,254	534,475	15.72%	17.79%
Fresno	23,203	759,655	1.57%	1.42%				
Calaveras	23,062	869,848	1.56%	1.63%				
Butte	12,175	437,503	0.83%	0.82%				
Merced	11,895	403,309	0.81%	0.76%				
Tuolumne	11,043	407,884	0.75%	0.76%				
Madera	10,759	383,987	0.73%	0.72%				
Monterey	10,718	347,834	0.73%	0.65%				
Placer	10,428	431,800	0.71%	0.81%				
San Bernardino	9,056	364,372	0.61%	0.68%				
Napa	8,748	324,634	0.59%	0.61%				
Los Angeles	8,164	286,749	0.55%	0.54%				
Yolo	7,884	250,659	0.53%	0.47%				
Riverside	7,673	311,977	0.52%	0.58%				
Santa Cruz	7,132	274,638	0.48%	0.51%				
San Benito	5,814	205,833	0.39%	0.39%				
San Luis Obispo	4,302	197,440	0.29%	0.37%				
El Dorado	4,025	138,950	0.27%	0.26%				
Mariposa	3,806	162,924	0.26%	0.31%				
Shasta	3,550	130,149	0.24%	0.24%				
Amador	3,486	125,717	0.24%	0.24%				
Orange	2,922	160,150	0.20%	0.30%				
Kern	2,832	112,775	0.19%	0.21%				
Yuba	2,337	71,460	0.16%	0.13%				
Marin	2,190	94,437	0.15%	0.18%	1,560	81,424	2.18%	2.71%
Imperial	1,998	89,379	0.14%	0.17%				
San Diego	1,459	66,324	0.10%	0.12%				
Sutter	970	40,412	0.07%	0.08%				
Nevada	908	35,738	0.06%	0.07%				
Inyo	497	15,009	0.03%	0.03%				
Tehama	436	11,884	0.03%	0.02%				
Kings	145	4,446	0.01%	0.01%				
Lake	122	3,520	0.01%	0.01%				
Siskiyou	40	1,507	0.00%	0.00%				
Sierra	36	1,109	0.00%	0.00%				
Mendocino	23	669	0.00%	0.00%				
Tulare	20	338	0.00%	0.00%				
Santa Barbara	4	187	0.00%	0.00%				
Total WSIP	1,474,989	53,369,748	100.00%	100.00%	71,568	3,005,183	100.00%	100.00%

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, 2011 Employment Summary - San Francisco Residents by Zip Code							
	Hours			% Hours			
Zip Code	AMI	WSIP	Total PLA	AMI	WSIP	Total PLA	FTE's
94110	40	27,156	27,196	0.34%	17.00%	15.87%	13.1
94112	2,601	20,438	23,039	22.27%	12.80%	13.44%	11.1
94124	3,621	18,532	22,153	31.00%	11.60%	12.92%	10.7
94134	2,631	12,489	15,121	22.53%	7.82%	8.82%	7.3
94116	128	14,366	14,494	1.10%	8.99%	8.46%	7.0
94122	631	13,421	14,052	5.40%	8.40%	8.20%	6.8
94103	-	8,388	8,388		5.25%	4.89%	4.0
94127	-	5,459	5,459		3.42%	3.18%	2.6
94121	304	5,082	5,385	2.60%	3.18%	3.14%	2.6
94117	-	5,282	5,282		3.31%	3.08%	2.5
94132	8	4,614	4,622	0.07%	2.89%	2.70%	2.2
94102	1,404	2,884	4,288	12.02%	1.81%	2.50%	2.1
94131	-	3,044	3,044		1.91%	1.78%	1.5
94118	-	2,776	2,776		1.74%	1.62%	1.3
94107	-	2,754	2,754		1.72%	1.61%	1.3
94108	-	2,534	2,534		1.59%	1.48%	1.2
94109	-	2,480	2,480		1.55%	1.45%	1.2
94130	-	2,435	2,435		1.52%	1.42%	1.2
94114	-	2,289	2,289		1.43%	1.34%	1.1
94133	-	1,873	1,873		1.17%	1.09%	0.9
94129	-	447	447		0.28%	0.26%	0.2
94123	306		306	2.62%	0.00%	0.18%	0.1
94140	-	288	288		0.18%	0.17%	0.1
94142	-	261	261		0.16%	0.15%	0.1
94115	8	247	255	0.07%	0.15%	0.15%	0.1
94111	-	96	96		0.06%	0.06%	0.0
94188	-	61	61		0.04%	0.04%	0.0
94128	-	16	16		0.01%	0.01%	0.0
94125	-	8	8		0.01%	0.00%	0.0
94158	-	8	8		0.01%	0.00%	0.0
94164	-	6	6		0.00%	0.00%	0.0
	11,680	159,730	171,410	100.00%	100.00%	100.00%	82.4

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 March 31, 2011
Apprentice Utilization on the WSIPLA - By Craft

		Apprentice Hours				Apprentice Utilization		
Craft/Program	Total Hours	Apprentice Hours	San Francisco	Service Territory	Outside	% All Apprentices	% San Francisco	% Service Territory
BOILERMAKER	25,738	1,438	40	941	457	5.59%	0.16%	3.66%
BRICKLAYER	2,594	623		364	259	24.00%	0.00%	14.02%
CARPENTER	181,259	28,434	12,628	11,270	4,536	15.69%	6.97%	6.22%
CEMENT MASON	20,337	530	441	47	43	2.61%	2.17%	0.23%
ELECTRICAL UTILITY LINEMAN	104					0.00%	0.00%	0.00%
ELECTRICIAN	94,281	20,540	3,158	13,789	3,593	21.79%	3.35%	14.63%
FIELD SURVEYOR	2,607	73		49	24	2.80%	0.00%	1.88%
GLAZIER	396	16		16		4.05%	0.00%	4.05%
IRON WORKER	86,713	21,264	5,416	8,914	6,935	24.52%	6.25%	10.28%
OPERATING ENGINEER	305,762	31,844	9,615	15,808	6,421	10.41%	3.14%	5.17%
PAINTER	17,755	2,607			2,607	14.68%	0.00%	0.00%
PILE DRIVER	7,520	326	134		192	4.34%	1.78%	0.00%
PLASTERER	738					0.00%	0.00%	0.00%
PLUMBER	19,469	5,300	1,856	2,489	955	27.22%	9.53%	12.78%
ROOFER	17,127	5,970	1,121	2,125	2,724	34.85%	6.55%	12.41%
SHEET METAL WORKER	4,885	289		260	30	5.92%	0.00%	5.31%
TILE FINISHER	84					0.00%	0.00%	0.00%
TILE SETTER	57					0.00%	0.00%	0.00%
Total Apprenticeable	787,423	119,251	34,407	56,070	28,774	15.14%	4.37%	7.12%
LABORER	586,695	62,407	12,602	40,661	9,145	10.64%	2.15%	6.93%
Non-Apprenticeable								
ASBESTOS WORKER	674							
SLURRY SEAL WORKER	199							
TEAMSTER	56,516							
TELECOMMUNICATIONS TECH	1,144							
TUNNEL WORKER	42,339							
Total Non-Apprenticeable	100,871							
Total WSIP	1,474,989	181,658	47,009	96,731	37,919	12.32%	3.19%	6.56%
AMI								
PLUMBER	35,784	10,819	2,931	7,114	775	30.23%	8.19%	19.88%
Total WSIPLA	1,510,773	192,477	49,939	103,844	38,694	12.74%	3.31%	6.87%

San Francisco Public Utilities Commission
Water System Improvement Program - Project Labor Agreement
Craft Employment Summary for the Quarter Ended March 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	ticeable Trades	Laborer
Alameda Siphon 4	54,086	32,309	5,359	91,754	8,150	6,031	14,180	15.1%	18.7%
New Irvington Tunnel	16,512	15,859	2,069	34,440	1,163	1,228	2,391	7.0%	7.7%
Alemany Pump	54,306	19,741	48	74,096	7,403	223	7,625	13.6%	1.1%
Baden San Pedro	10,647	8,385	344	19,375	937	1,788	2,724	8.8%	21.3%
Bay Tunnel	16,903	14,682	296	31,880	541	1,199	1,739	3.2%	8.2%
BDPL 3&4 Crossover	10,650	4,255		14,905	1,386	-	1,386	13.0%	0.0%
BDPL 5 Peninsula	27,695	51,521	10,136	89,352	2,385	7,457	9,842	8.6%	14.5%
BDPL5 East Bay	59,709	72,706	8,621	141,036	6,540	6,874	13,414	11.0%	9.5%
CSPL2	8	37		45	-	-	-	0.0%	0.0%
CSSA	3,231	2,336		5,566	192	338	530	5.9%	14.5%
Forest Knolls Pump	17,197	9,243	33	26,473	2,888	19	2,907	16.8%	0.2%
Harding	731	260		991	-	-	-	0.0%	0.0%
HTWTP Short Term	22,727	20,358		43,084	2,089	-	2,089	9.2%	0.0%
Lake Merced Pump	45,246	12,923	21	58,190	7,974	6	7,980	17.6%	0.0%
Lower CS Dam	339	408		747	4	26	30	1.2%	6.4%
NCSBT	62,882	10,827	42,339	116,047	11,970	5,252	17,221	19.0%	48.5%
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	18,524	10,284	156	28,964	3,163	673	3,836	17.1%	6.5%
Roselle	7,564	4,605	159	12,328	1,384	550	1,934	18.3%	11.9%
San Andreas Pipe 3	28,427	42,601	11,843	82,871	3,981	5,317	9,298	14.0%	12.5%
San Antonio Pump	7,455	6,356	127	13,938	859	939	1,798	11.5%	14.8%
San Joaquin Crossovers	14,785	11,807	345	26,937	674	1,268	1,942	4.6%	10.7%
SCADA II	728	771		1,498	115	-	115	15.8%	0.0%
SJPL West	87	64	17	168	-	-	-	0.0%	0.0%
Standby Power	9,046	2,230		11,275	626	-	626	6.9%	0.0%
Stanford Heights	40,450	33,851		74,300	9,134	757	9,891	22.6%	2.2%
SVWTP	45,399	38,399	7,067	90,865	6,332	3,606	9,938	13.9%	9.4%
Tesla	89,723	36,648	1,566	127,937	15,404	8,973	24,376	17.2%	24.5%
U Mound Res	101,968	77,009	1,177	180,153	23,219	6,500	29,718	22.8%	8.4%
Total WSIP	787,423	586,695	100,871	1,474,989	119,251	62,407	181,658	15.1%	10.6%
Advanced Meter	35,784			35,784	10,819		10,819	30.2%	0.0%
Total WSIPLA	823,207	586,695	100,871	1,510,773	130,070	62,407	192,477	15.8%	10.6%

Employment of Low-Income Residents

As of March 31, 2011, SFPUC and City staff had placed 125 low-income Apprentices and 64 low-income Journeymen on PLA-Covered Projects including the WSIP and the Advanced Meter Infrastructure Project. These 189 individuals represent 7.3% of the total hours worked and 5.5% of the wages earned by workers covered by the WSIPLA.

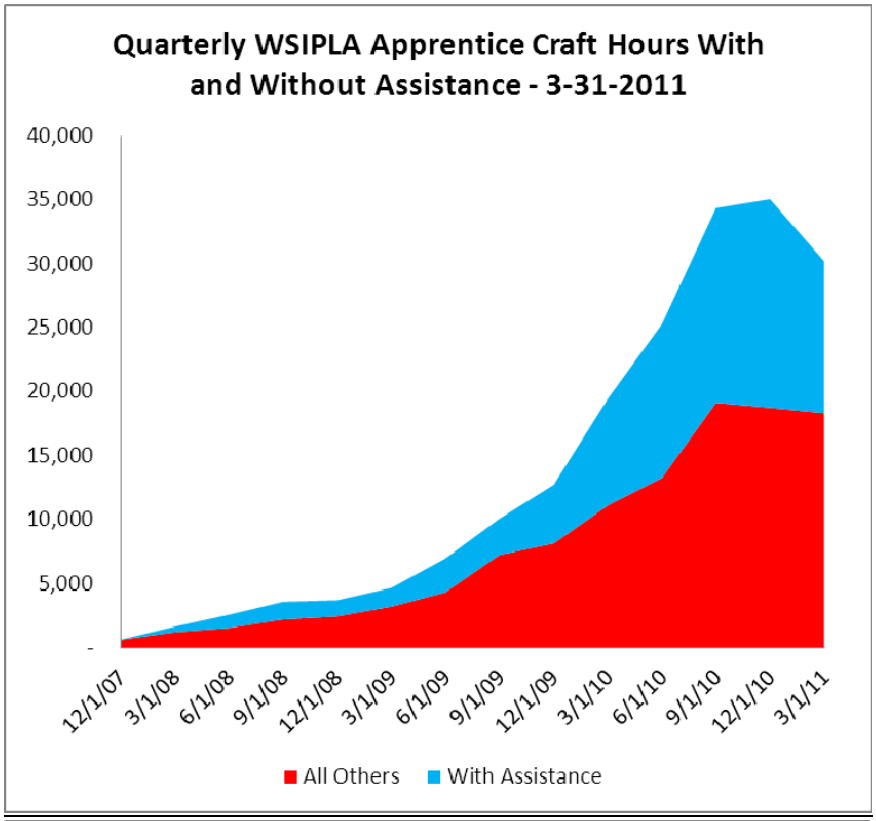
The parties to the WSIPLA, the Unions, Contractors, and the SFPUC, are committed to make good faith efforts to work with pre-apprenticeship training programs to recruit and train low-income residents for participation in the Union's recognized apprenticeship programs. As of March 31, 2011, SFPUC and City Staff have assisted with the placement

of 125 low-income apprentices on covered work, and these apprentices have worked 41.6% of the apprentice hours worked to date. The following tables and charts summarize the parties' good-faith efforts to recruit and train low-income apprentice on covered work.

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, 2011						
Referring Agency	Workers	Hours	Wages	% Workers	% Hours	% Wages
Pre-Apprenticeship Training						
CityBuild Academy	29	16,570	364,260	6.22%	8.61%	7.46%
Cypress Mandela Training Center, Inc.	6	5,689	115,692	1.29%	2.96%	2.37%
Helmets to Hardhats	1	1,910	44,443	0.21%	0.99%	0.91%
Job Train's Project Build	12	12,729	273,625	2.58%	6.61%	5.60%
Northern California Construction and Training Inc.	1	1,253	22,752	0.21%	0.65%	0.47%
San Joaquin County Office of Ed. YouthBuild	5	3,640	71,399	1.07%	1.89%	1.46%
Total Pre-Apprenticeship Graduates	54	41,790	892,170	11.59%	21.71%	18.27%
General Referral/Assistance						
CityBuild	41	15,041	387,012	8.80%	7.81%	7.92%
SFPUC	30	23,167	572,786	6.44%	12.04%	11.73%
Total General Referral/Assistance	71	38,208	959,798	15.24%	19.85%	19.65%
Total Assisted Apprentice Placements	125	79,997	1,851,968	26.82%	41.56%	37.92%
All Other	341	112,480	3,032,105	73.18%	58.44%	62.08%
Total Apprentices	466	192,477	4,884,073	100.00%	100.00%	100.00%
Journeyman Assistance						
CityBuild	57	21,018	785,270	1.73%	1.59%	1.57%
SFPUC	7	3,010	110,393	0.21%	0.23%	0.22%
Total Assisted Journeyman Placements	64	24,028	895,663	1.94%	1.82%	1.79%
All Other	3234	1,294,269	49,092,603	98.06%	98.18%	98.21%
Total Journeymen	3298	1,318,297	49,988,266	100.00%	100.00%	100.00%
Total Workforce						
Pre-Apprenticeship Training						
CityBuild Academy	29	16,570	364,260	0.77%	1.10%	0.66%
Cypress Mandela Training Center, Inc.	6	5,689	115,692	0.16%	0.38%	0.21%
Helmets to Hardhats	1	1,910	44,443	0.03%	0.13%	0.08%
Job Train's Project Build	12	12,729	273,625	0.32%	0.84%	0.50%
Northern California Construction and Training Inc.	1	1,253	22,752	0.03%	0.08%	0.04%
San Joaquin County Office of Ed. YouthBuild	5	3,640	71,399	0.13%	0.24%	0.13%
Total Pre-Apprenticeship Graduates	54	41,790	892,170	1.43%	2.77%	1.63%
General Referral/Assistance						
CityBuild	98	36,058	1,172,282	2.60%	2.39%	2.14%
SFPUC	37	26,177	683,179	0.98%	1.73%	1.25%
Total General Referral/Assistance	135	62,235	1,855,461	3.59%	4.12%	3.38%
Total Assisted Placements	189	104,025	2,747,631	5.02%	6.89%	5.01%
All Other	3575	1,406,749	52,124,709	94.98%	93.11%	94.99%
Total Workforce	3764	1,510,773	54,872,340	100.00%	100.00%	100.00%

San Francisco Public Utilities Commission
Water System Improvement Program - Project Labor Agreement
Assisted Worker Participation in PLA-Covered WSIP Projects and Advance Meter Infrastructure Project
Craft Hours By Project
PLA Inception (Stanford Heights Reservoir) through March 31, 2011

	Project Total			With Assistance			% With Assistance		
Project	Apprentice	Journey	Total	Apprentice	Journey	Total	Apprentice	Journey	Total
Advanced Meter Infrastructure	10,819	24,965	35,784	1,716	7,020	8,736	15.86%	28.12%	24.41%
Alameda Siphon No. 4	14,180	77,574	91,754	10,547		10,547	74.38%	0.00%	11.49%
Alemany Pump Station	7,625	66,471	74,096	2,685	530	3,215	35.21%	0.80%	4.34%
Baden and San Pedro Valve Lot	2,724	16,651	19,375	2,057		2,057	75.51%	0.00%	10.62%
Bay Tunnel	1,739	30,141	31,880	1,359		1,359	78.15%	0.00%	4.26%
BDPL 5 - East Bay	13,414	127,622	141,036	7,291	835	8,126	54.35%	0.65%	5.76%
BDPL 5 - Peninsula	9,842	79,510	89,352	6,897		6,897	70.08%	0.00%	7.72%
BDPL Nos. 3&4 Crossover	1,386	13,519	14,905	7		7	0.47%	0.00%	0.04%
Crystal Springs / San Andreas	530	5,037	5,566			-	0.00%	0.00%	0.00%
Crystal Springs Pipe # 2		45	45			-		0.00%	0.00%
Forest Knolls Pump Station	2,907	23,566	26,473	1,888		1,888	64.95%	0.00%	7.13%
Harding Park		991	991			-		0.00%	0.00%
Harry Tracy WTP Short Term	2,089	40,996	43,084	1,329	183	1,512	63.63%	0.45%	3.51%
Lake Merced Pump Station	7,980	50,210	58,190	2,906	6,146	9,051	36.41%	12.24%	15.55%
Lower Crystal Springs Dam	30	717	747			-	0.00%	0.00%	0.00%
New Crystal Springs Bypass Tunnel	17,221	98,826	116,047	112	236	348	0.65%	0.24%	0.30%
New Irvington Tunnel	2,391	32,049	34,440	2,120	1,100	3,220	88.68%	3.43%	9.35%
Noe Valley Transmission Main	1,133	21,378	22,511	981		981	86.58%	0.00%	4.36%
North U Mound System	2,998	50,268	53,265	2,550	106	2,656	85.05%	0.21%	4.99%
Pulgas Rehab and Roof	3,836	25,127	28,964	1,377	40	1,417	0.00%	0.16%	4.89%
Roselle Crossovers	1,934	10,394	12,328	247	32	279	12.75%	0.31%	2.26%
San Andreas Pipeline No.3	9,298	73,573	82,871	7,394	429	7,823	79.52%	0.58%	9.44%
San Antonio Pump Station	1,798	12,140	13,938	931		931	51.79%	0.00%	6.68%
San Joaquin Crossovers	1,942	24,995	26,937	1,246		1,246	64.13%	0.00%	4.62%
San Joaquin Pipeline West		168	168			-		0.00%	0.00%
SCADA System Phase II	115	1,383	1,498			-	0.00%	0.00%	0.00%
Standby Power Facilities	626	10,649	11,275			-	0.00%	0.00%	0.00%
Stanford Heights Reservoir	9,891	64,409	74,300	1,271	981	2,251	12.85%	1.52%	3.03%
Sunol Valley WTP	9,938	80,926	90,865	5,620		5,620	56.54%	0.00%	6.18%
Tesla Treatment Facility	24,376	103,561	127,937	2,743		2,743	11.25%	0.00%	2.14%
University Mound Reservoir	29,718	150,435	180,153	14,729	6,392	21,120	49.56%	4.25%	11.72%
Total WSIPLA	192,477	1,318,297	1,510,773	79,997	24,028	104,025	41.56%	1.82%	6.89%


Quarterly WSIPLA Apprentice Craft Hours With and Without Assistance - 3-31-2011
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
-
12/1/07
3/1/08
6/1/08
9/1/08
12/1/08
3/1/09
6/1/09
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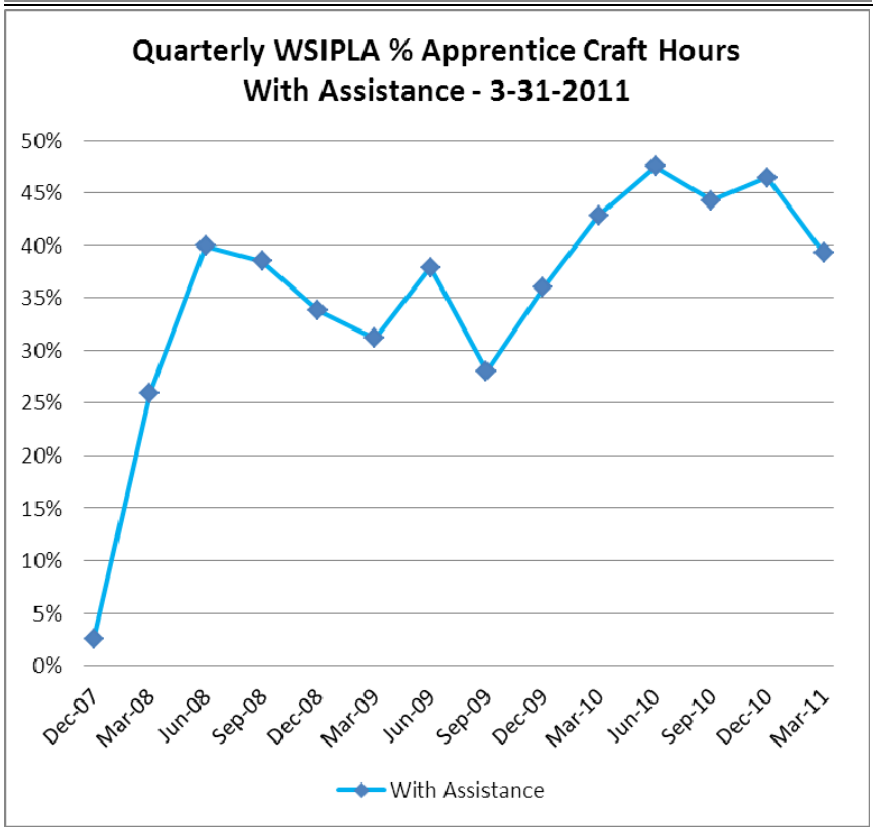
6/1/10
9/1/10
12/1/10
3/1/11
All Others
With Assistance


Quarterly WSIPLA % Apprentice Craft Hours With Assistance - 3-31-2011
50%
45%
40%
35%
30%
25%
20%
15%
10%
5%
0%
Dec-07
Mar-08
Jun-08
Sep-08
Dec-08
Mar-09
Jun-09
Sep-09
Dec-09
Mar-10
Jun-10
Sep-10
Dec-10
Mar-11
With Assistance

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, 2011, 4,592 pre-employment tests had been administered to people who were cleared to work. 67 people failed to pass pre-employment tests and consequently were prevented from working. The following tables summarize the results of the Substance Abuse Prevention Program as of March 31, 2011.

San Francisco Public Utilities Commission
WSIP - Project Labor Agreement
Substance Abuse Testing Summary
Tests Administered to Individuals Cleared to Work Through March 31, 2011

Project	Number	Percent
Advanced Meter Infrastructure	66	1.44%
Alameda Siphon #4	180	3.92%
Alemany Pump Station Upgrade	374	8.14%
Baden & San Pedro Valve Lot Improvements	86	1.87%
Bay Division 3 & 4 Crossover Facilities	99	2.16%
Bay Division Pipeline #5 - East Bay Reaches	419	9.12%
Bay Division Reliability Upgrade Pipeline #5	162	3.53%
Bay Tunnel Project	235	5.12%
Crystal Springs Pipeline No. 2 Replacement Project	5	0.11%
Crystal Springs WD-2591	11	0.24%
Crystal Springs WD-2601	155	3.38%
Forest Knolls Pump Station Project	115	2.50%
Harding Park Recycled Water Project	6	0.13%
Harry Tracy HTWTP	13	0.28%
Harry Tracy Water Treatment Project	93	2.03%
Lake Merced Pump Station	320	6.97%
New Crystal Springs Bypass Tunnel	210	4.57%
New Irvington Tunnel	191	4.16%
Noe Valley Transmission Main Phase II	27	0.59%
North University Mound System Upgrade	55	1.20%
Pulgas Balancing Reservoir Structural Rehabilitati	160	3.48%
Roselle Crossovers	63	1.37%
San Andreas Pipeline #3	179	3.90%
San Antonio Pump Station Upgrade	70	1.52%
San Joaquin Pipeline Crossovers	132	2.87%
Scada System Phase II	28	0.61%
Standby Power	30	0.65%
Stanford Heights Reservoir Project	199	4.33%
Sunol Valley Water Treatment Plant	233	5.07%
Tesla Treatment Facility Project	356	7.75%
University Mound Reservoir North Basin Seismic	320	6.97%
Grand Total	4,592	100.00%

Positive Pre-Employment Tests Through Match 31, 2011

Banned Substance	Number	Percent
Alcohol	5	0.11%
Amphetamine/Dilute	1	0.02%
Amphetamines	11	0.24%
Benzodiazepines	1	0.02%
Cocaine	8	0.17%
Marijuana	24	0.52%
Methadone	1	0.02%
Opiates	3	0.06%
Opiates/Alcohol	1	0.02%
Phencyclidine	1	0.02%
Refused	11	0.24%
Grand Total	67	1.44%

WSIP Craft Hour Estimate

The WSIP Craft Hour Estimate is based on estimated construction spending as of March 31, 2011. The WSIP program is expected to require a total of 8,657,865 craft hours. The remaining construction spending is estimated to require 5,908,989 craft hours in twelve areas of construction activity from April 1, 2011 through completion.

San Francisco Public Utilities Commission
Water System Improvement Program - Project Labor Agreement
WSIP Craft Hour Forecast as of March 31, 2011

	Alameda	San Francisco	San Joaquin	San Mateo	Santa Clara	Stanislaus	Total
Carpentry	126,832	41,454	4,398	132,223	2,388	13,301	320,597
Concrete	639,987	191,145	15,708	441,051	6,653	15,835	1,310,378
Electrical	112,059	147,432	20,544	178,626	8,982	25,460	493,103
Heavy Equipment Operation	632,941	416,997	9,847	279,369	9,759	104,227	1,453,140
Masonry	35,213	70,532	10,556	25,142	3,840	-	145,284
Mechanical	313,891	132,347	16,434	210,289	12,207	105,089	790,257
Painting	50,306	68,219	10,210	8,286	5,544	30,878	173,444
Roofing	32,776	35,548	5,320	1,877	1,935	-	77,458
Sheet Metal	11,217	35,548	5,320	1,180	1,935	-	55,201
Structural Steel	85,441	104,403	13,744	48,305	5,821	13,856	271,570
Trucking & Hauling	256,637	84,812	5,687	38,972	4,108	34,400	424,616
Underground Tunnel Work	393,824	-	-	117	-	-	393,941
	2,691,125	1,328,437	117,769	1,365,438	63,173	343,046	5,908,989

The 6,209,246 craft hours are expected to provide employment in six Bay Area Counties between April 1, 2011 and completion of work on the WSIP in 2015 as shown below.

San Francisco Public Utilities Commission
Water System Improvement Program - Project Labor Agreement
WSIP Craft Hour Forecast as of March 31, 2011

County	2011 (9 Mos.)	2012	2013	2014	2015	Total WSIP
Alameda	694,066	901,551	747,970	261,394	86,145	2,691,125
San Francisco	98,497	114,637	237,823	561,368	316,113	1,328,437
San Joaquin	70,661	47,108	-	-	-	117,769
San Mateo	385,601	476,936	350,137	143,980	8,784	1,365,438
Santa Clara	21,474	30,989	10,711	-	-	63,173
Stanislaus	144,144	175,521	23,381	-	-	343,046
Grand Total	1,414,444	1,746,742	1,370,022	966,741	411,041	5,908,989

San Francisco Public Utilities Commission
Water System Improvement Program - Project Labor Agreement
WSIP Craft Hour Forecast as of March 31, 2011

	2011 (9 Mos.)	2012	2013	2014	2015	Total WSIP
Carpentry	66,007	99,575	91,450	48,145	15,420	320,597
Concrete	350,194	402,090	317,259	181,380	59,456	1,310,378
Electrical	89,756	131,676	114,078	106,546	51,046	493,103
Heavy Equipment Operation	345,410	387,295	351,255	282,756	86,424	1,453,140
Masonry	26,085	37,423	28,273	29,888	23,615	145,284
Mechanical	200,218	254,343	169,479	109,071	57,145	790,257
Painting	38,983	39,205	30,639	36,807	27,810	173,444
Roofing	10,578	9,916	29,623	15,440	11,902	77,458
Sheet Metal	10,826	9,567	7,592	15,315	11,902	55,201
Structural Steel	55,589	72,808	53,243	54,741	35,189	271,570
Trucking & Hauling	83,234	107,304	121,371	81,574	31,133	424,616
Underground Tunnel Work	137,563	195,540	55,760	5,079	-	393,941
Grand Total	1,414,444	1,746,742	1,370,022	966,741	411,041	5,908,989

Electronic Certified Payrolls

All SFPUC construction projects including those covered by the WSIPLA utilize Elation Systems, Inc. to file 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.

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 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.