

# Water System Improvement Program Project Labor Agreement

Quarterly Report
Quarter Ended September 30, 2012
(First Quarter 2012-2013)



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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 September 30, 2012 represent 80.6% of the total estimated construction contracts projected to be awarded subject to the WSIPLA.

#### <u>Construction Activity Highlights – Program-to-Date</u>

#### 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.

#### Employment:

- Since inception of the WSIPLA 7,779 construction workers were employed for 3,732,081 hours on PLA-Covered WSIP projects, and earned wages of \$139,601,780.
- 625 San Francisco residents worked 263,700 hours on WSIPLA-Covered WSIP Projects and earned \$9,578,550, representing or 7.1% of covered hours and 127 full-time equivalent worker years.
- 3,324 residents of the Water Service Territory worked 1,607,685 hours on WSIPLA-Covered WSIP Projects and earned wages of \$59,233,596, representing 43.1% of covered hours and 773 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.
- 8,814 pre-employment substance abuse tests have been administered to employees cleared to work on WSIPLA-covered projects as of Sept. 30, 2012, and 113 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 September 30, 2012

#### Contracting:

No construction contracts were awarded subject to the WSIPLA during the Quarter Ended September 30, 2012.

#### Employment:

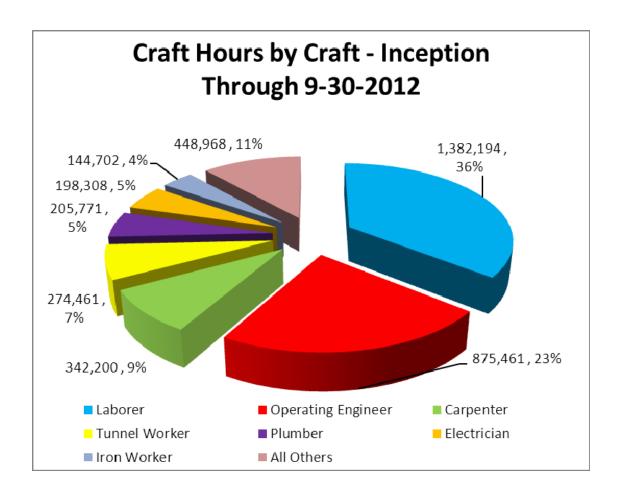
- During the Quarter ended September 30, 2012, 2,029 construction workers were employed for 467,135 hours on PLA-Covered WSIP projects, and earned wages of \$17,928,424.
- During the Quarter ended September 30, 2012, 125 San Francisco residents worked 28,699 hours on PLA-Covered WSIP projects and earned wages of \$953,777.
- During the Quarter ended September 30, 2012, 823 residents of the Water Service Territory worked 199,387 hours on PLA-Covered WSIP projects and earned wages of \$7,541,702. 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 September 30, 2012, 833 negative pre-employment substance abuse tests were administered under the provisions of the WSIPLA Substance Abuse Policy and 6 individuals were prevented from working as the result of positive tests.

# **Summary of Craft Worker Employment**

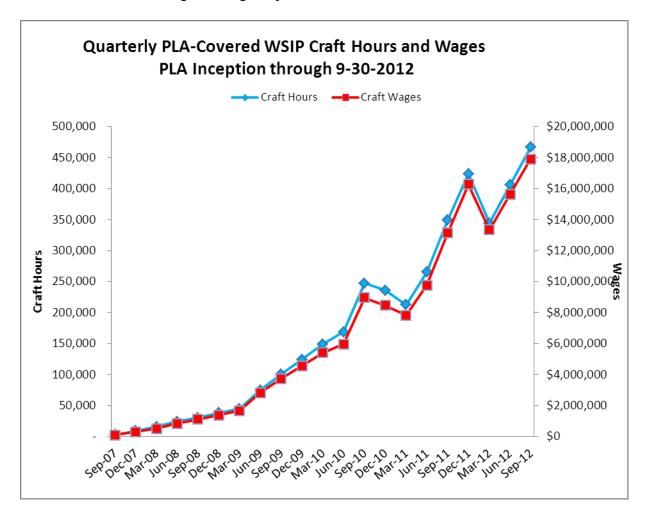
The following tables and charts summarize craft worker employment recorded in the Elations System. Worker counts are duplicated for individuals who work in multiple categories, so detail worker counts generally exceed the related total worker counts.

		San	Francisco Publ	ic l	Jtilities Comn	nission				
	Water	System	Improvement P	rogr	am - Project	Labor A	greeme	ent		
	Craft Em	ployme	nt Summary fo	r th	e Quarter En	ded Sept	i. 30, 2	2012		
	Employ	ment S	ummary by Wo	rker	Residence a			5		
		Incepti	on thru Sept. 30	), 20	012	Three	Month:	s Ended S	ept	. 30, 2012
Residence/ Project	Worker				Worker		Sum of		Sum of	
Type	Count	FTE	Sum of Hours	Su	m of Wages	Count	FTE	Hours		Wages
All Workers										
Advanced Meter Inf.	172	67	139,983	\$	6,013,030	79	6	13,440	\$	587,785
WSIP with PLA	7,779	1,794	3,732,081		139,601,780	2,029	225	467,135		17,928,424
WSIP without PLA	942	146	304,266		9,810,559	85	3	7,139		296,113
Total	8,893	2,008	4,176,330	\$	155,425,369	2,193	234	487,713	\$	18,812,321
SF Residents										
Advanced Meter Inf.	61	22	45,624	\$	1,967,338	26	2	3,943	\$	179,049
WSIP with PLA	625	127	263,700		9,578,450	125	14	28,699		953,777
WSIP without PLA	110	14	28,516		897,271	8	0	1,028		51,374
Total	796	162	337,840	\$	12,443,059	159	16	33,669	\$	1,184,199
Svc. Territory Res.										
Advanced Meter Inf.	63	27	55,343	\$	2,209,765	24	2	3,971	\$	145,534
WSIP with PLA	3,324	773	1,607,685		59,233,596	823	96	199,387		7,541,702
WSIP without PLA	344	40	83,505		2,696,587	34	1	2,416		96,030
Total	3,731	840	1,746,533	\$	64,139,949	881	99	205,774	\$	7,783,266
Outside Residents										
Advanced Meter Inf.	54	19	39,015	\$	1,835,926	31	3	5,527	\$	263,202
WSIP with PLA	3,990	895	1,860,697		70,789,734	1,088	115	239,049		9,432,945
WSIP without PLA	496	92	192,245		6,216,701	43	2	3,695		148,709
Total	4,540	1,006	2,091,957	\$	78,842,361	1,162	119	248,271	\$	9,844,856

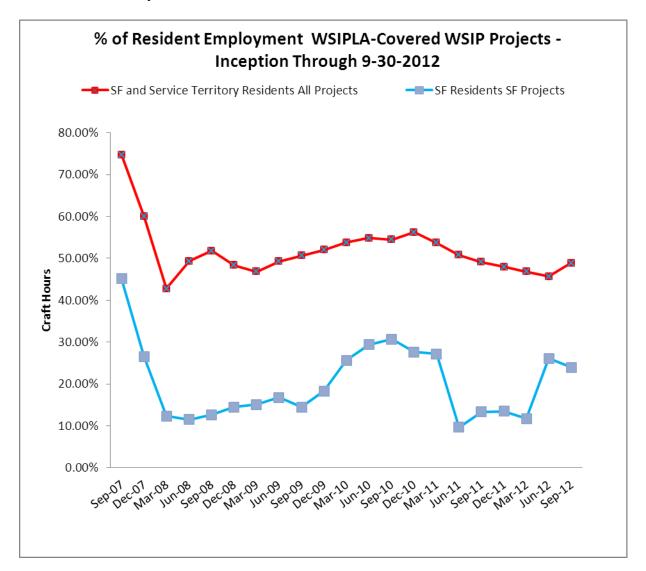
The following chart summarizes WSIPLA – Covered craft employment, including the WSIP and Advanced Meter Infrastructure Project, for crafts with at least 130,000 craft hours as of September 30, 2012. Carpenters, Laborers, and Operating Engineers combined represent 69.7% of craft hours worked on PLA-Covered WSIP Projects, and 61.7% of hours worked on the WSIPLA in total..



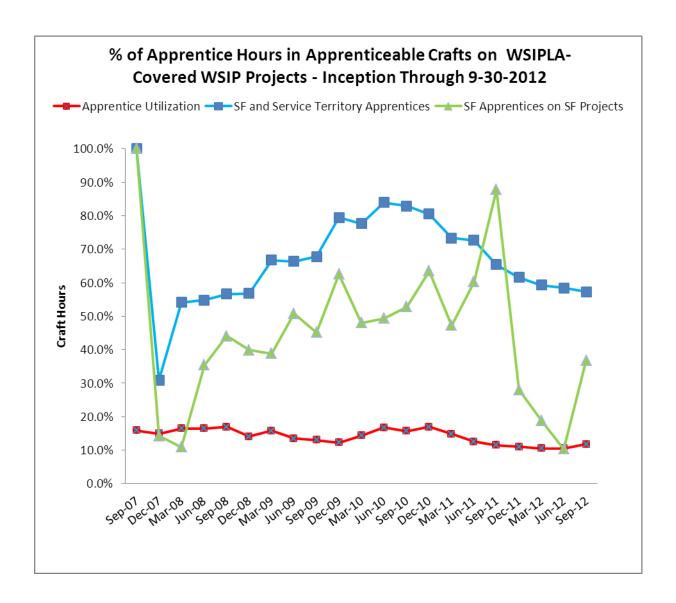
The following chart summarizes WSIPLA-Covered Craft Hours and Craft Wages on WSIP Projects from Inception of the agreement in March 2007 through September 30, 2012. WSIPLA-Covered WSIP projects have utilized 3,372,081 craft hours representing \$139,601,780 in craft wages through September 30, 2012.



The following chart summarizes employment of residents of San Francisco and the SFPUC Water Service Territory on covered WSIP projects through September 30, 2012. 50.1% of craft hours have been worked by residents of San Francisco and the SFPUC Water Service Territory, and 20.7% of craft hours on projects located in San Francisco have been worked by San Francisco residents.



The following chart summarizes employment of Apprentices in Apprenticeable Crafts on covered WSIP projects through September 30, 2012. 12.9% of craft hours in Apprenticeable trades have been worked by Apprentices. 68.5% of Apprentice hours have been worked by residents of San Francisco or the SFPUC's Water Service Territory, and 48.0% of Apprentice Hours on covered projects located in San Francisco have been worked by San Francisco residents.



#### **Summary of Contracts Awarded**

As of its last meeting in the Quarter ended September 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 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 project is called the Advanced Meter Infrastructure Project (the AMI).

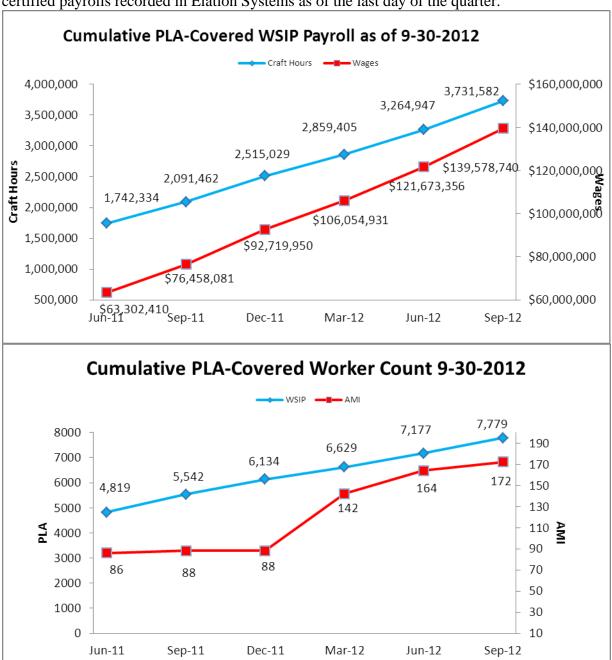
The San Francisco Human Rights Commission's LBE subcontracting goals were met or exceeded for each contract awarded. The following table summarizes awards to LBE subcontractors.

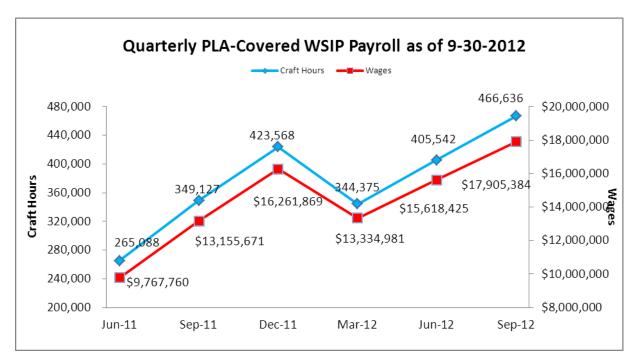
LBE Partici	LBE Participation in Forty Contracts Awarded									
Subject to the	e WSIPLA as	of September 30	, 2012							
	Number of		Percent of Total							
Prime Contractors	Contractors	<u>Award</u>	<u>Awarded</u>							
PUC Certified	1	\$ 4,320,736	0.24%							
San Francisco Certified	4	27,823,395	1.54%							
Not Certified	20	1,469,594,421	81.35%							
Sub Contractors										
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%							

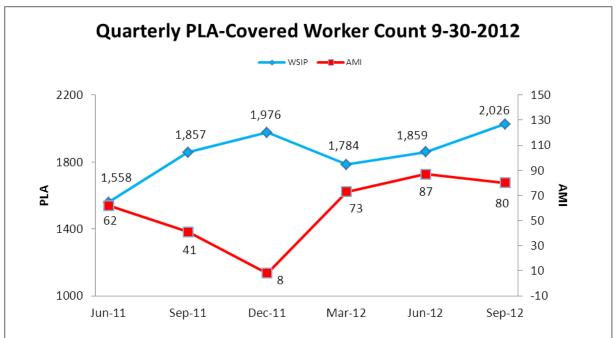
	Construction Con	San Francisco Public Utilities Commission	ombor 20, 2012		
Contract	Construction Con	tracts Awarded Subject to the WSIPLA through Sept	ember 50, 2012		
No.	Prime Contractor	Project	Engineer's Estimate		Award
WD-2504	S.J. Amoroso	Stanford Heights Reservoir Seismic Retrofit	\$18 to \$24 Million	\$	17,899,960
WD-2511	Power Engineering	Standby Power Facilities, Various Locations	\$5.7 Million		8,419,000
WD-2501	Monterey Mechanical	Alemany Pump Station	\$18 to \$22 Million		23,269,000
WD-2469	Cal State Constructors	Forest Knolls Pump Station and Storage Tank	\$5.5 to \$7 Million		6,547,000
WD-2564	NTK Construction	Harry Tracy Water Treatment Plant-Short Term	\$15 to \$18 Million		13,824,000
WD-2543	Shaw Pipeline Inc.	North University Mound System Upgrade	\$15 to \$18 Million		13,529,370
DB-116	PCL Constructors	Tesla Treatment Facility	\$90 Million		81,420,562
WD-2498	Shank/Balfour-Beatty	New Crystal Springs Bypass Tunnel	\$55 to \$65 Million		55,674,000
WD-2529	KJ Woods	Noe Valley Transmission Main- Phase 2	\$6 to \$8 Million		5,724,000
WD-2556	JMB Construction	Baden and San Pedro Valve Lot Improvements	\$15 to \$18 Million		11,536,500
WD-2548	Western Water	Lake Merced Pump Station Essential Upgrades	\$52 to \$60 Million		31,584,000
WD-2568	Shimmick Construction	BDPL Nos. 3&4 Crossover Facilities	\$21.5 Million		12,695,000
WD-2552	Steve P. Rados	Alameda Siphon No. 4 Project	\$45.5 Million		31,933,695
WD-2513	Mountain Cascade	San Andreas Pipeline No.3 Installation Project	\$20 to \$25 Million		16,336,350
WD-2539	S.J. Amoroso	University Mound Reservoir North Basin	\$47 to \$52 Million		29,597,000
HH-914R	Mountain Cascade	Roselle Crossover Improvements	\$3.1 Million		2,837,000
WD-2566	Mountain Cascade	San Antonio Pump Station Upgrades Project	\$8.5 to \$9.5 Million		6,991,000
WD-2573	S.J.Amoroso	Pulgas Reservoir Structural Rehabilitation	\$14 to \$18 Million		12,857,000
WD-2541	Ranger Pipelines Inc	Bay Division Pipeline Reliability Upgrade-East Bay	\$88 to \$98 Million		61,558,005
WD-2589	Ranger Pipelines Inc	Supervisory Control and Data Acquisition Phase II	\$10.6 Million		3,847,250
WD-2542	Mountain Cascade,	Bay Division Pipeline No. 5 - Peninsula Reaches	\$62 to \$69 Million		52,183,400
WD-2531	Michels/JayDee/Coluccio, JV	•	\$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	_	\$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 Construction,	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			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
	S.J.Amoroso	Sutro Reservoir Rehabilitation	\$28 to \$36 Million		27,453,000
WD-2666	Shimmick Construction	Bioregional Habitat Restoration, Sheep Camp Creek			3,912,500
	The state of the s		+=··	¢ 1	
		Total Forty Contracts		φl	,806,410,479

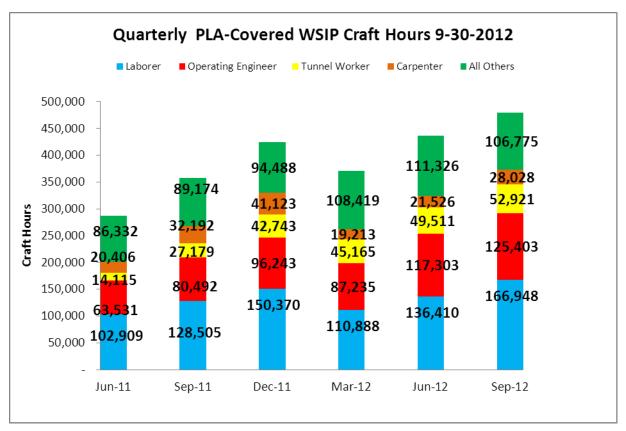
#### **Craft Worker Employment on the WSIPLA**

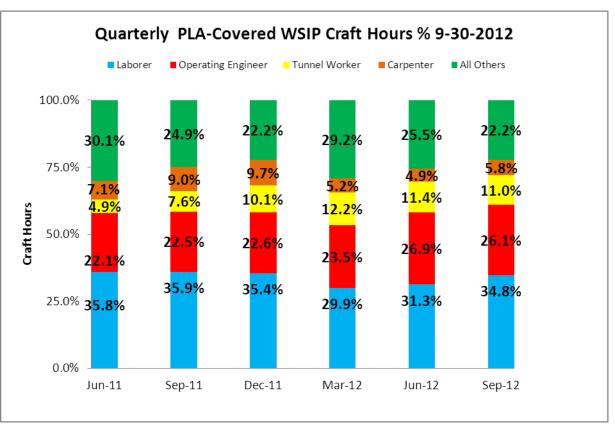
The following charts summarize craft worker employment under the WSIPLA for the last six quarters. The first and second tables are cumulative balances at the end of each quarter, and the third and fourth tables represent employment during each quarter. The fifth and sixth tables represent quarterly participation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



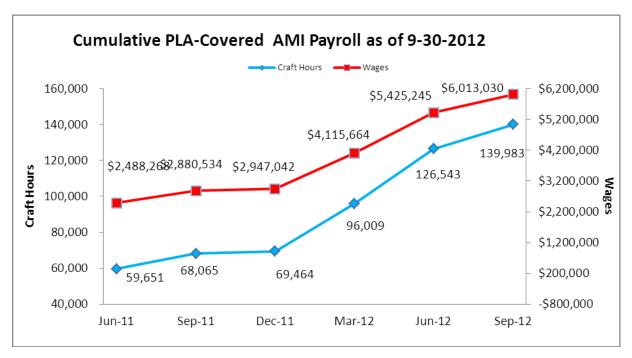


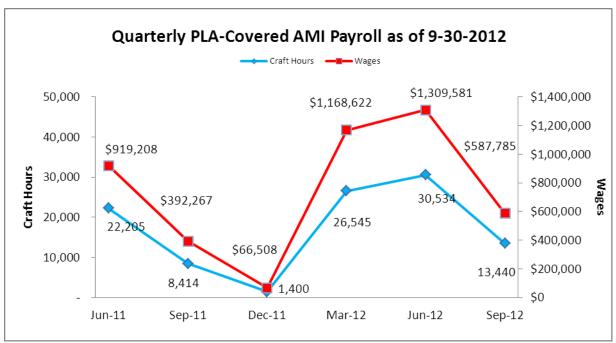






Work commenced on contract CS-936 Advanced Meter Infrastructure (the AMI) during the Quarter ended June 30, 2010 to replace all water meters in San Francisco. This work is covered by the WSIPLA, funding is provided by the SFPUC operating budget, and 99.9% of the craft hours have been worked by Plumbers as of September 30, 2012.





#### Craft Utilization on the WSIPLA

As of September 30, 2012, contractors had reported craft hours in 54 craft-worker classifications which the SFPUC summarizes into 25 craft areas reflecting all PLA-Covered work through September 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 September 30, 2012, 139,983 craft hours had been reported on the AMI (99.7% Plumbers) representing \$6,013,130 in covered wages.

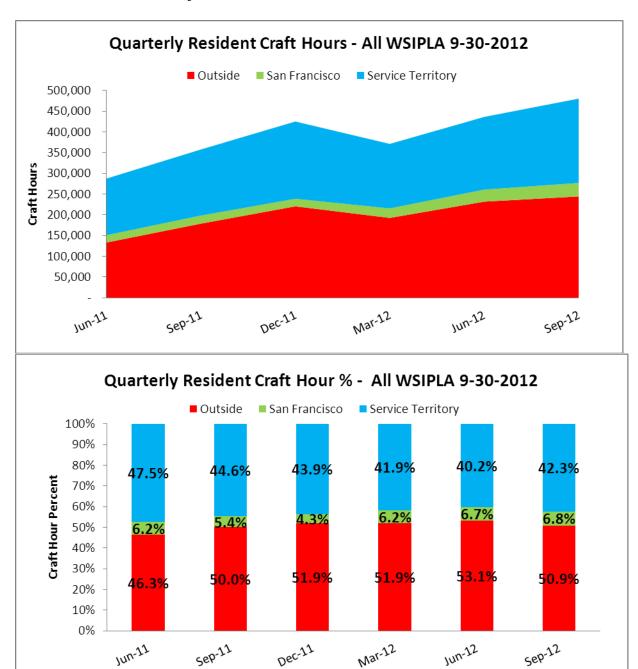
	Sa	n Francisco	Public Utilitie	es Commission			
		WSIP - Pr	oject Labor A	Agreement			
			Employment	-			
			Through Sept	,			
		Craft Hours		Wages	% Craft Hours	% Wages	
						Total	
Craft	AMI	WSIP	Total PLA	Total PLA	AMI WSIP	PLA	FTE's
LABORER	368	1,381,826	1,382,194	\$ 41,346,313	0.3% 37.0%	28.4%	664.5
OPERATING ENGINEER		875,461	875,461	34,763,688	23.5%	23.9%	420.9
CARPENTER		342,200	342,200	13,723,837	9.2%	9.4%	164.5
TUNNEL WORKER		274,461	274,461	11,245,970	7.4%	7.7%	132.0
PLUMBER	139,615	66,156	205,771	9,249,462	99.7% 1.8%	6.4%	98.9
ELECTRICIAN		198,308	198,308	9,786,276	5.3%	6.7%	95.3
IRON WORKER		144,702	144,702	4,925,272	3.9%	3.4%	69.6
TEAMSTER		129,688	129,688	7,372,627	3.5%	5.1%	62.3
BOILERMAKER		76,522	76,522	3,515,626	2.1%	2.4%	36.8
PILE DRIVER		64,141	64,141	3,169,385	1.7%	2.2%	30.8
PAINTER		59,285	59,285	2,194,705	1.6%	1.5%	28.5
CEMENT MASON		49,013	49,013	1,711,730	1.3%	1.2%	23.6
ROOFER		31,553	31,553	1,080,922	0.8%	0.7%	15.2
FIELD SURVEYOR		11,113	11,113	462,879	0.3%	0.3%	5.3
SHEET METAL WORKER		8,253	8,253	365,495	0.2%	0.3%	4.0
ASBESTOS WORKER		8,103	8,103	227,559	0.2%	0.2%	3.9
BRICKLAYER		3,789	3,789	145,786	0.1%	0.1%	1.8
ELECTRICAL LINEMAN		3,000	3,000	166,057	0.1%	0.1%	1.4
GLAZIER		1,434	1,434	63,534	0.0%	0.0%	0.7
PLASTERER		1,397	1,397	46,394	0.0%	0.0%	0.7
TELECOMM TECHNICIAN		1,160	1,160	37,245	0.0%	0.0%	0.6
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
	139,983	3,732,081	3,872,064	\$ 145,614,810	100% 100%	100%	1,862

	Sa	n Francisco Pu	blic Utilities Co	mmission			
	Water System	n Improvement	Program - Proj	ect Labor Agree	ement		
	Craft Employm	,			,		
	Employme	nt Summary - 0	Cumulative and	Last Six Quart	ers		
	0						
	Cumulative thru	OF 6 20 44	OF 0.20.44	OF 40 04 44	OF 2 24 42	OF 6 20 42	QE 9-30-12
Craft Worker Earnings	Sept. 30, 2012	QE 6-30-11	QE 9-30-11	QE 12-31-11	QE 3-31-12	QE 6-30-12	QE 9-30-12
LABORER	\$ 41,346,313	¢ 2 105 596	\$ 3,862,427	\$ 4,506,399	¢ 2 207 146	\$ 4,122,303	\$ 4,994,453
OPERATING ENGINEER	34,763,688	2,491,626	3,159,808	3,854,276	3,521,168	4,812,882	5,145,197
CARPENTER	13,723,837	828,079	1,314,162	1,720,678	785,180	879,031	1,148,212
TUNNEL WORKER	11,245,970	535,894	1,078,623	1,826,051	1,901,685	2,124,681	2,218,107
PLUMBER	9,249,462	1,136,352	677,294	402,061	1,543,932	1,861,881	1,186,096
ELECTRICIAN	9,786,276	738,656	733,372	850,409	1,001,154	941,356	1,101,972
IRON WORKER	4,925,272	294,044	471,137	462,103	273,737	256,596	238,916
TEAMSTER	7,372,627	417,454	951,359	858,060	615,607	609,112	511,078
BOILERMAKER	3,515,626	403,245	500,274	477,430	438,096	142,141	380,408
PILE DRIVER	3,169,385	117,380	325,164	568,116	490,333	575,801	684,776
PAINTER	2,194,705	71,568	147,486	254,511	306,616	289,991	435,100
CEMENT MASON	1,711,730	87,201	157,268	278,221	136,524	148,350	187,443
ROOFER	1,080,922	352,741	47,892	46,279	37,029	7,958	32,975
FIELD SURVEYOR	462,879	33,215	64,562	52,145	65,900	62,867	82,518
SHEET METAL WORKER	365,495	14,152	15,161	32,768	25,807	17,215	51,374
ASBESTOS WORKER	227,559	33,881	23,904	57,838	13,794	27,686	41,037
BRICKLAYER	145,786	21,552	2,831	15,756	8,504	903	2,898
ELECTRICAL UTILITY LINEMAN	166,057	-	14,501	60,327	27,953	21,145	31,745
GLAZIER	63,534	670	712	4,833	12,152	9,853	12,839
PLASTERER	46,394	827	-	-	-	15,196	6,024
TELECOMMUNICATIONS TECH		2,730	-	-	-	-	-
SLURRY SEAL WORKER	5,702	-	-	-	-	1,058	-
TILE FINISHER	2,783	-	-	-	-	-	-
TILE SETTER	4,277	116	-	116	-	-	-
TERRAZZO WORKER	1,286	-	<u>-</u>		1,286		<u> </u>
	145,614,810	10,686,967	13,547,938	16,328,377	14,503,604	16,928,006	18,493,169
Craft Hours Worked	4 202 404	402.000	400 505	450.070	440.000	120 110	400.040
LABORER	1,382,194	102,909	128,505	150,370	110,888	136,410	166,948
OPERATING ENGINEER CARPENTER	875,461	63,531	80,492	96,243	87,235	117,303	125,403 28,028
TUNNEL WORKER	342,200	20,406 14,115	32,192	41,123 42,743	19,213 45,165	21,526 49,511	52,921
PLUMBER	274,461 205,771	26,794	27,179 13,788	7,568	33,383	49,511	25,396
ELECTRICIAN	198,308	14,815	14,608	17,090	19,310	17,962	20,215
IRON WORKER	144,702	8,667	14,150	12,767	7,558	7,639	6,969
TEAMSTER	129,688	7,478	15,384	15,404	11,553	11,233	9,770
BOILERMAKER	76,522	8,904	11,382	10,464	8,873	3,278	8,386
PILE DRIVER	64,141	2,728	6,619	9,728	10,251	13,008	14,152
PAINTER	59,285	1,794	4,110	7,195	8,736	8,083	10,737
CEMENT MASON	49,013	2,458	4,409	7,738	3,900	4,275	5,249
ROOFER	31,553	9,683	1,513	1,328	1,075	245	413
FIELD SURVEYOR	11,113	637	1,497	1,243	1,642	1,569	1,910
SHEET METAL WORKER	8,253	330	377	735	598	327	1,003
ASBESTOS WORKER	8,103	1,451	971	1,677	480	795	1,473
BRICKLAYER	3,789	487	90	336	213	22	64
ELECTRICAL UTILITY LINEMAN			259	1,103	507	391	543
GLAZIER	1,434	16	17	113	311	230	320
PLASTERER	1,397	24				457	178
TELECOMMUNICATIONS TECH	1,160	64					
SLURRY SEAL WORKER	247					49	
TILE FINISHER	128						
TILE SETTER	115	3		3			
TERRAZZO WORKER	31				31		
	3,872,064	287,293	357,541	424,967	370,920	436,076	480,075

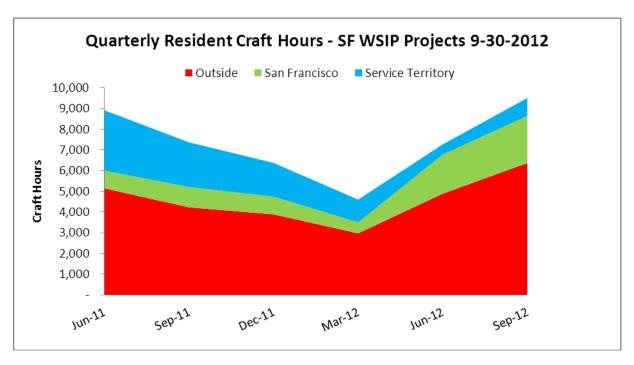
#### **Worker Residence on the WSIPLA**

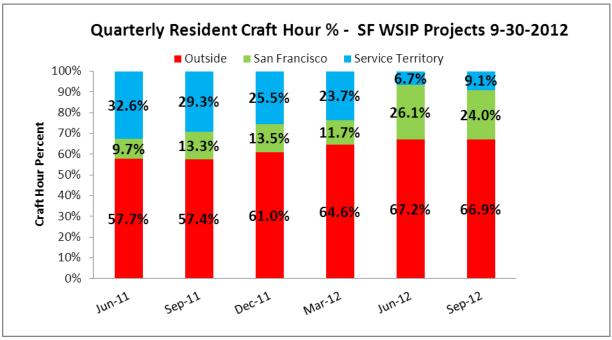
The following charts and tables summarize PLA-Covered craft hours recorded in the Elations Certified Payroll System through September 30, 2012. The Service Territory is defined as zip codes outside San Francisco within which the SFPUC wholesale water customers deliver water, plus zip codes impacted by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

#### All WSIPLA- Covered Projects

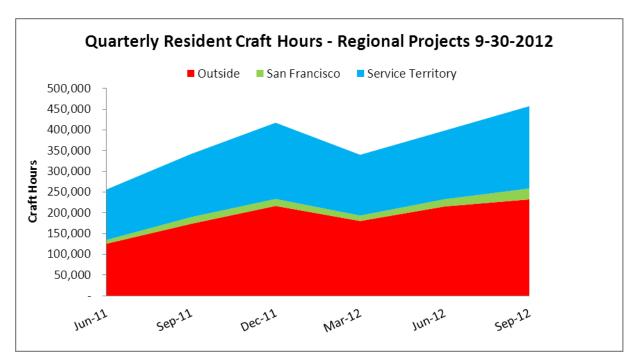


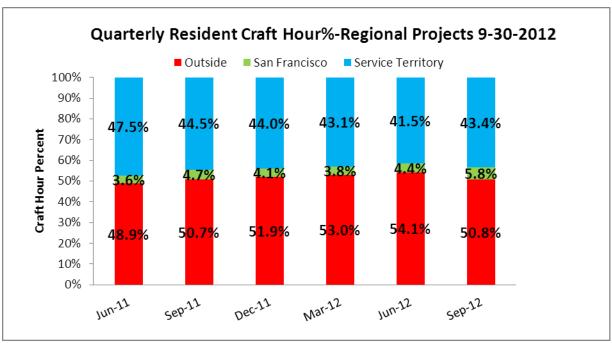
#### **SF Local WSIP Projects:**



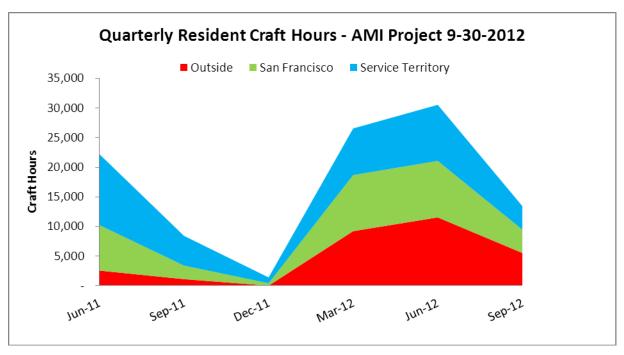


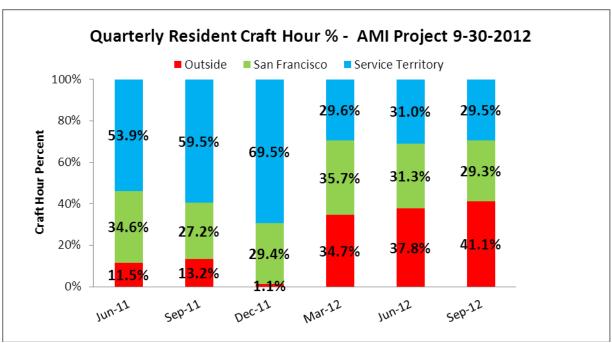
#### **Regional WSIP Projects:**





#### Advanced Meter Infrastructure Project:





# Craft Worker Residence by Craft - All WSIPLA Covered Projects

# San Francisco Public Utilities Commission Water System Improvement Program Project Labor Agreement Craft Hour Summary for the Quarter Ended Sept. 30, 2012

Employment Sumi	mary - Cumu	lative Empl	oyment of Re	esidents by	Craft	
		San	Service		% San	% Service
Craft	Total Hours	Francisco	Territory	Outside	Francisco	Territory
LABORER	1,382,194	105,552	623,777	652,864	7.6%	45.1%
OPERATING ENGINEER	875,461	44,418	365,010	466,033	5.1%	41.7%
CARPENTER	342,200	44,994	148,298	148,908	13.1%	43.3%
TUNNEL WORKER	274,461	4,410	108,258	161,794	1.6%	39.4%
PLUMBER	205,771	50,114	73,663	81,994	24.4%	35.8%
ELECTRICIAN	198,308	18,774	113,811	65,724	9.5%	57.4%
IRON WORKER	144,702	12,617	58,748	73,338	8.7%	40.6%
TEAMSTER	129,688	16,825	79,148	33,715	13.0%	61.0%
BOILERMAKER	76,522	133	18,886	57,504	0.2%	24.7%
PILE DRIVER	64,141	2,905	11,892	49,344	4.5%	18.5%
PAINTER	59,285	2,450	5,060	51,775	4.1%	8.5%
CEMENT MASON	49,013	981	24,513	23,520	2.0%	50.0%
ROOFER	31,553	2,008	16,238	13,308	6.4%	51.5%
FIELD SURVEYOR	11,113	1,118	3,581	6,414	10.1%	32.2%
SHEET METAL WORKER	8,253	392	5,771	2,090	4.7%	69.9%
ASBESTOS WORKER	8,103	87	1,428	6,588	1.1%	17.6%
BRICKLAYER	3,789		2,764	1,025	0.0%	72.9%
ELECTRICAL UTILITY LINEMAN	3,000		155	2,845	0.0%	5.2%
GLAZIER	1,434	275	492	667	19.1%	34.3%
PLASTERER	1,397	1,275	96	26	91.3%	6.8%
TELECOMMUNICATIONS TECH	1,160		1,088	72	0.0%	93.8%
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	3,872,064	309,324	1,663,028	1,899,712	8.0%	42.9%

Craft Worker Residence by Project - All WSIPLA Covered Projects

San Francisco Public Utilities Commission
Water System Improvement Program - Project Labor Agreement
Craft Employment Summary for the Quarter Ended Sept. 30, 2012
Employment Summary - Cumulative Employment of Residents by Project

Employment Summa	ary Carrialative	San	Service	into by 1 10jo	% San	% Service
	Total Hours	Francisco	Territory	Outside	Francisco	Territory
New Irvington Tunnel	341,669	959	144,673	196,038	0.3%	42.3%
Sunol Valley WTP	341,346	10,349	146,356	184,640	3.0%	42.9%
BDPL 5 - Peninsula	285,560	2,887	131,520	151,153	1.0%	46.1%
Bay Tunnel	246,648	7,760	155,014	83,875	3.1%	62.8%
BDPL 5 - East Bay	208,255	14,163	84,607	109,485	6.8%	40.6%
Crystal Springs / San Andreas	188,573	14,797	67,478	106,298	7.8%	35.8%
University Mound Reservoir	187,030	50,004	51,702	85,324	26.7%	27.6%
Harry Tracy Long Term Impr	166,783	8,782	72,298	85,704	5.3%	43.3%
Calaveras Dam	160,052	1,090	40,894	118,068	0.7%	25.6%
Tesla Treatment Facility	141,584	2,724	96,278	42,583	1.9%	68.0%
Advanced Meter Infrastructure	139,983	45,624	55,343	39,015	32.6%	39.5%
Alameda Siphon No. 4	128,857	1,450	58,041	69,366	1.1%	45.0%
New Crystal Springs Bypass Tunnel	117,860	6,825	64,924	46,112	5.8%	55.1%
Crystal Springs Pipe # 2	103,025	29,553	28,785	44,687	28.7%	27.9%
San Joaquin Pipe East	97,763	37	57,253	40,473	0.0%	58.6%
Lake Merced Pump Station	94,070	22,638	25,428	46,005	24.1%	27.0%
San Joaquin Pipeline West	93,822	426	38,806	54,590	0.5%	41.4%
Lower Crystal Springs Dam	92,464	5,832	53,458	33,174	6.3%	57.8%
San Andreas Pipeline No.3	83,075	6,271	27,755	49,049	7.5%	33.4%
San Joaquin Crossovers	81,454	158	43,951	37,345	0.2%	54.0%
Stanford Heights Reservoir	74,284	11,120	20,114	43,051	15.0%	27.1%
Alemany 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%
Homestead Pond	46,190	7,879	12,255	26,056	17.1%	26.5%
BDPL Nos. 3&4 Crossover	43,380	5,671	14,730	22,980	13.1%	34.0%
Harry Tracy WTP Short Term	43,049	7,220	12,845	22,984	16.8%	29.8%
BHR - San Antonio Creek	27,174	1,270	8,512	17,392	4.7%	31.3%
Forest Knolls Pump Station	26,441	3,844	8,140	14,457	14.5%	30.8%
Harding Park	22,710	4,898	13,447	4,366	21.6%	59.2%
Noe Valley Transmission Main	22,511	3,918	8,054	10,539	17.4%	35.8%
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%
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%
BDPL 5 Cordilleras Micro Tunnel	9,405		2,248	7,157	0.0%	23.9%
San Mateo Creek	8,681	214	2,940	5,528	2.5%	33.9%
Test Well Drilling	6,088		296	5,792	0.0%	4.9%
Tesla Portal Protection	5,386	2,144	2,138	1,105	39.8%	39.7%
Sutro Reservoir	2,113	602	487	1,025	28.5%	23.0%
SCADA System Phase II	1,498	113	605	781	7.6%	40.3%
BDPL 3&4 - Hayward Fault	8			8	0.0%	0.0%
Total WSIPLA	3,872,064	309,324	1,663,028	1,899,712	8.0%	42.9%

Craft Worker Residence by County - All WSIPLA Covered Projects

# San Francisco Public Utilities Commission WSIP - Project Labor Agreement Covered Employment by County of Residence

	Inception Through September 30, 2012							
		Craft Hours		Wages		Craft Ho	ours	
County	AMI	WSIP	Total PLA	Total PLA	AMI	WSIP	Total PLA	FTE's
Alameda	6,434	707,730	714,164	25,382,844	4.6%	19.0%	18.4%	343.3
Contra Costa	4,815	501,148	505,962	18,757,465	3.4%	13.4%	13.1%	243.3
San Joaquin	2,196	367,281	369,477	12,961,853	1.6%	9.8%	9.5%	177.6
San Mateo	46,372	314,938	361,309	14,464,731	33.1%	8.4%	9.3%	173.7
San Francisco	45,624	263,700	309,324	11,545,788	32.6%	7.1%	8.0%	148.7
Santa Clara	1,218	243,136	244,354	9,134,262	0.9%	6.5%	6.3%	117.5
Stanislaus		185,820	185,820	6,512,342		5.0%	4.8%	89.3
Sacramento	320	145,877	146,196	5,673,744	0.2%	3.9%	3.8%	70.3
Out of State	13,383	128,561	141,944	6,542,843	9.6%	3.4%	3.7%	68.2
Solano	2,034	138,709	140,743	5,211,273	1.5%	3.7%	3.6%	67.7
Sonoma	10,229	75,988	86,216	3,293,391	7.3%	2.0%	2.2%	41.5
Butte		76,764	76,764	3,015,789		2.1%	2.0%	36.9
Tuolumne		56,624	56,624	2,095,131		1.5%	1.5%	27.2
Calaveras		54,725	54,725	2,230,829		1.5%	1.4%	26.3
San Bernardino		40,116	40,116	1,669,457		1.1%	1.0%	19.3
Fresno		37,168	37,168	1,274,755		1.0%	1.0%	17.9
Riverside		33,896	33,896	1,442,221		0.9%	0.9%	16.3
Los Angeles		33,303	33,303	1,341,582		0.9%	0.9%	16.0
Merced		28,197	28,197	997,277		0.8%	0.7%	13.6
Napa		25,764	25,764	1,059,729		0.7%	0.7%	12.4
Madera		24,280	24,280	922,744		0.7%	0.6%	11.7
Placer		24,250	24,250	976,992		0.6%	0.6%	11.7
Shasta		23,675	23,675	940,794		0.6%	0.6%	11.4
El Dorado		22,589	22,589	826,259		0.6%	0.6%	10.9
Monterey		22,049	22,049	779,962		0.6%	0.6%	10.6
Yolo		21,408	21,408	767,325		0.6%	0.6%	10.3
Santa Cruz		17,927	17,927	660,800		0.5%	0.5%	8.6
Orange		14,580	14,580	665,964	4.00/	0.4%	0.4%	7.0
Marin	5,832	6,627	12,458	538,476	4.2%	0.2%	0.3%	6.0
Amador		12,074	12,074	458,702	4.00/	0.3%	0.3%	5.8
San Diego	1,441	8,439	9,880	449,111	1.0%	0.2%	0.3%	4.7
Yuba	40	9,082	9,082	360,470	0.00/	0.2%	0.2%	4.4
San Luis Obispo	48	7,394	7,442	331,838	0.0%	0.2%	0.2%	3.6
San Benito		7,220	7,220	257,060		0.2%	0.2%	3.5
Nevada		7,072	7,072	294,252		0.2%	0.2%	3.4
Sutter		6,145	6,145	224,926		0.2%	0.2%	3.0
Imperial		5,956	5,956 5,790	271,594 239,844		0.2%	0.2%	2.9
Mariposa Kern		5,790 5,482	5,790 5,482	239,844 190,683		0.2% 0.1%	0.1% 0.1%	2.8 2.6
		5,462	5,462 5,025	•		0.1%		2.6
Tehama Kings		4,213	4,213	192,763 177,796		0.1%	0.1%	2.4
Lake		4,213 3,875	3,875	177,796		0.1%	0.1%	1.9
Siskiyou		3,011	3,011	124,902		0.1%	0.1%	1.4
Mendocino	40	1,461	1,501	58,923	0.0%	0.1%	0.1%	0.7
Humboldt	40	828	828	38,396	0.0%	0.0%	0.0%	0.7
Santa Barbara		779	779	37,440		0.0%	0.0%	0.4
Inyo		544	544	16,669		0.0%	0.0%	0.4
Del Norte		279	279	8,821		0.0%	0.0%	0.3
Ventura		215	215	9,281		0.0%	0.0%	0.1
Colusa		148	148	4,152		0.0%	0.0%	0.1
Plumas		93	93	3,142		0.0%	0.0%	0.0
Trinity		50	50	3,054		0.0%	0.0%	0.0
Tulare		46	46	1,355		0.0%	0.0%	0.0
Sierra		36	36	1,109		0.0%	0.0%	0.0
Total WSIPLA	139,983	3,732,081	3,872,064	\$ 145,614,810	100.0%	100.0%	100.0%	1,862
TOTAL TYON LA	100,000	5,752,001	3,012,004	Ψ 1-10,017,010	100.070	.00.070	100.070	1,002

## Craft Employment of San Francisco Residents by Zip Code:

San Francisco Public Utilities Commission
Water System Improvement Program - Project Labor Agreement
Craft Hour Summary for the Quarter Ended Sept. 30, 2012
Employment Summary - San Francisco Residents by Zip Code

		Hours	mary Carri	Wages		% Hours		
						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Total	
Zip Code	AMI	WSIP	Total PLA	Total PLA	AMI	WSIP	PLA	FTE's
94112	10,898	36,027	46,924	\$ 1,680,896	23.9%	13.7%	15.2%	22.6
94110	1,235	42,505	43,740	1,438,264	2.7%	16.1%	14.1%	21.0
94124	11,359	26,260	37,619	1,423,966	24.9%	10.0%	12.2%	18.1
94116	1,888	35,681	37,568	1,891,594	4.1%	13.5%	12.1%	18.1
94134	5,721	26,945	32,666	984,152	12.5%	10.2%	10.6%	15.7
94122	2,757	17,982	20,739	889,742	6.0%	6.8%	6.7%	10.0
94121	4,784	8,062	12,846	496,779	10.5%	3.1%	4.2%	6.2
94127		11,238	11,238	420,640		4.3%	3.6%	5.4
94103		10,628	10,628	332,967		4.0%	3.4%	5.1
94117	489	6,139	6,628	168,337	1.1%	2.3%	2.1%	3.2
94102	3,128	3,001	6,129	257,901	6.9%	1.1%	2.0%	2.9
94132	8	5,520	5,528	232,884	0.0%	2.1%	1.8%	2.7
94118	1,158	3,442	4,599	209,473	2.5%	1.3%	1.5%	2.2
94114	798	3,471	4,269	165,235	1.7%	1.3%	1.4%	2.1
94131	32	4,119	4,151	190,143	0.1%	1.6%	1.3%	2.0
94133		4,106	4,106	143,082		1.6%	1.3%	2.0
94107		3,016	3,016	102,302		1.1%	1.0%	1.4
94108		2,976	2,976	64,477		1.1%	1.0%	1.4
94109		2,663	2,663	79,181		1.0%	0.9%	1.3
94130		2,590	2,590	53,766		1.0%	0.8%	1.2
94164		2,446	2,446	67,466		0.9%	0.8%	1.2
94142	917	261	1,178	52,801	2.0%	0.1%	0.4%	0.6
94188		912	912	20,481		0.3%	0.3%	0.4
94128		785	785	62,192		0.3%	0.3%	0.4
94104		688	688	18,080		0.3%	0.2%	0.3
94111		661	661	14,669		0.3%	0.2%	0.3
94115	8	548	556	18,781	0.0%	0.2%	0.2%	0.3
94123	446	50	496	24,939	1.0%	0.0%	0.2%	0.2
94129		447	447	13,106		0.2%	0.1%	0.2
94140		288	288	11,589		0.1%	0.1%	0.1
94166		191	191	14,325		0.1%	0.1%	0.1
94147		40	40	1,175		0.0%	0.0%	0.0
94125		8	8	225		0.0%	0.0%	0.0
94158		8	8	178		0.0%	0.0%	0.0
	45,624	263,700	309,324	\$11,545,788	100.0%	100.0%	100.0%	148.7

#### **Apprentice Utilization**

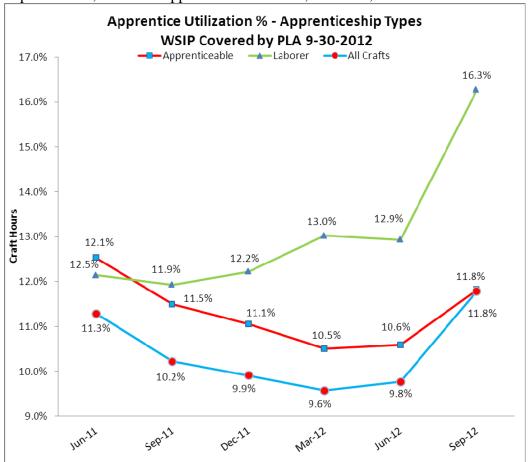
The WSIPLA encourages participating contractors to employ apprentices in the ratios specified by the State of California, Division of Apprenticeship Standards, generally 16.67% of craft hours calculated at the end of the job for each apprenticeable trade. The principal non-apprenticeable trades employed on the WSIPLA are Teamsters and Tunnel Workers. Through September 30, 2012, 21.6% of apprentice hours were worked by San Francisco residents and 55.4% of apprentice hours were worked by residents of the suburban water service territory, for a total of 77.0% worked by residents.

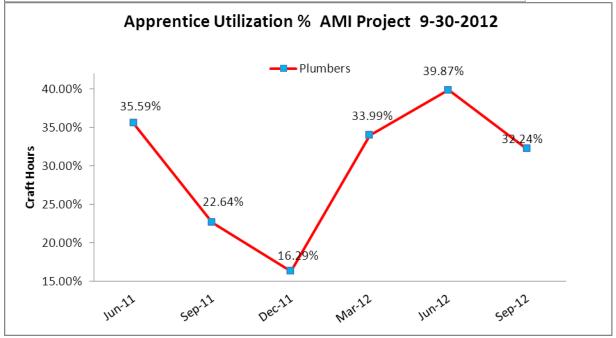
	San Francis stem Improve	ment Prog	ram - Projec	t Labor Ag				
Craπ Emplo	yment Sumr		e Quarter Er ation - By Cra		30, 2012			
	Дрргег	ILICE OLIIIZA	Apprentic			Appre	entice Uti	lization
			търгопио	0 1 10010		% All	% San	%
		Apprentic	San	Service		Apprent	Francis	Service
Craft/Program	Total Hours	e Hours	Francisco	Territory	Outside	ices	со	Territory
OPERATING ENGINEER	875,461	86,309	19,466	42,045	24,798	9.9%	2.2%	4.8%
CARPENTER	342,200	51,015	18,024	19,482	13,510	14.9%	5.3%	5.7%
PLUMBER	205,771	61,674	19,090	29,201	13,384	30.0%	9.3%	14.2%
ELECTRICIAN	198,308	39,320	6,119	26,501	6,701	19.8%	3.1%	13.4%
IRON WORKER	144,702	31,856	7,081	13,296	11,479	22.0%	4.9%	9.2%
BOILERMAKER	76,522	1,914	40	1,238	636	2.5%	0.1%	1.6%
PILE DRIVER	64,141	3,336	669	1,067	1,601	5.2%	1.0%	1.7%
PAINTER	59,285	8,960	1,480	404	7,076	15.1%	2.5%	0.7%
CEMENT MASON	49,013	1,560	643	128	789	3.2%	1.3%	0.3%
ROOFER	31,553	8,709	1,121	3,980	3,609	27.6%	3.6%	12.6%
FIELD SURVEYOR	11,113	79	-	49	30	0.7%	0.0%	0.4%
SHEET METAL WORKER	8,253	759	-	528	231	9.2%	0.0%	6.4%
BRICKLAYER	3,789	671	-	383	288	17.7%	0.0%	10.1%
ELECTRICAL UTILITY LINEMAN	3,000	79	-	79	-	2.6%	0.0%	2.6%
GLAZIER	1,434	235	219	16	-	16.4%	15.2%	1.1%
PLASTERER	1,397	-	-	-	-	0.0%	0.0%	0.0%
TILE FINISHER	128	-	-	-	-	0.0%	0.0%	0.0%
TILE SETTER	115	-	-	-	-	0.0%	0.0%	0.0%
TERRAZZO WORKER	31	-	-	-	-	0.0%	0.0%	0.0%
Total Apprenticeable	2,076,213	296,473	73,950	138,394	84,129	14.3%	3.6%	6.7%
LABORER	1,382,194	168,117	26,532	118,777	22,807	12.2%	1.9%	8.6%
Non-Apprenticeable								
TUNNEL WORKER	274,461							
TEAMSTER	129,688							
ASBESTOS WORKER	8,103							
TELECOMM TECH	1,160							
SLURRY SEAL WORKER	247							
Total Non-Apprenticeable	413,658							
Total WSIPLA	3,872,064	464,590	100,482	257,171	106,937	12.0%	2.6%	6.6%

San Francisco Public Utilities Commission
Water System Improvement Program - Project Labor Agreement
Craft Employment Summary for the Quarter Ended Sept. 30, 2012
Apprentice Utilization on the WSIPLA - By Project

		Арр	rentice Utiliz	ation on th	ne WSIPLA -	By Project				Apprentice Utilization on the WSIPLA - By Project											
									Appre												
			All Craft \	Vorkers		А	pprentices		Utilizat	tion %											
				Non-				Total	Apprent												
		Apprenticea		Apprentic	Total Craft	Apprenticea		Apprentic													
Proje		ble Trades	Laborer	eable	Hours	ble Trades	Laborer	e Hours	Trades												
New Irvington	Tunnel	147,454	48,085	146,131	341,669	9,938	12,930	22,868	6.7%	26.9%											
SVWTP		207,923	122,956	10,466	341,346	35,057	14,942	49,999	16.9%	12.2%											
BDPL 5 Penir	nsula	94,834	163,726	26,999	285,560	7,035	19,161	26,196	7.4%	11.7%											
Bay Tunnel	_	102,334	42,198	102,117	246,648	9,961	10,727	20,688	9.7%												
BDPL5 East I	Вау	89,103	107,759	11,394	208,255	10,026	10,170	20,196	11.3%	9.4%											
CSSA		124,161	57,503	6,909	188,573	14,681	5,690	20,370	11.8%	9.9%											
U Mound Res		106,330	79,502	1,199	187,030	23,851	6,500	30,350		8.2%											
HTWTP LTI		96,329	64,021	6,433	166,783	12,715	7,894	20,609	13.2%	12.3%											
Calaveras Dar	m	95,961	60,228	3,863	160,052	7,176	6,533	13,709	7.5%	10.8%											
Tesla		97,733	42,270	1,582	141,584	16,503	10,379	26,882	16.9%	24.6%											
Advanced Me		139,615	368		139,983	46,989		46,989	33.7%	0.0%											
Alameda Siph	on 4	75,376	45,484	7,997	128,857	11,659	8,918	20,577	15.5%	19.6%											
NCSBT		63,888	11,634	42,339	117,860	12,361	5,252	17,612	19.3%	45.1%											
CSPL2		40,413	54,806	7,806	103,025	5,835	3,732	9,567	14.4%	6.8%											
SJPL East	<b>D</b>	56,584	39,615	1,564	97,763	3,175	6,405	9,580	5.6%	16.2%											
Lake Merced	Pump	69,996	22,695	1,380	94,070	10,518	26	10,544	15.0%	0.1%											
SJPL West		53,299	31,987	8,537	93,822	4,061	4,818	8,879	7.6%	15.1%											
Lower CS Dai		39,467	52,991	6	92,464	4,575	3,522	8,097	11.6%	6.6%											
San Andreas	•	28,638	42,922	11,516	83,075	3,994	5,317	9,311	13.9%	12.4%											
San Joaquin (		52,117	28,602	735	81,454	5,299	3,713	9,012	10.2%	13.0%											
Stanford Heig		40,434	33,851	40	74,284	9,134	757	9,891	22.6%	2.2%											
Alemany Pum	•	53,924	19,691	48	73,664	7,322	223	7,544	13.6%	1.1%											
NU Mound Sy	rstem	14,383	31,800	7,082	53,265	743	2,255	2,998	5.2%	7.1%											
Pulgas Roof	and	32,538 11,733	14,564 34,457	255	47,357	6,619	673 5,955	7,292 8,579	20.3% 22.4%	4.6% 17.3%											
Homestead P		l '	,	4 700	46,190	2,624	704	,													
BDPL 3&4 Cr HTWTP Short		28,446 22,692	13,203	1,732	43,380	3,616	704	4,320	12.7% 9.2%	5.3%											
		l '	20,358	002	43,049	2,089	0.447	2,089		0.0%											
BHR - San Ar Forest Knolls		12,351 17,165	13,840 9,243	983 33	27,174 26,441	816 2,888	2,417 19	3,233 2,907	6.6% 16.8%	17.5% 0.2%											
Harding	Pump	7,860	14,413	437	20,441	2,000	949	1,636	8.7%	6.6%											
Ü	000	6,021			22,710	007	1,133	,	0.0%	7.9%											
Noe Valley Tr Baden San P		11,044	14,423 8,550	2,067 344	19,937	949	1,788	1,133 2,737	8.6%												
San Antonio F		8,241	6,539	137	14,916	9 <del>4</del> 9 859	939	1,798	10.4%	20.9% 14.4%											
Roselle	-ump	7,968	4,729	163	12,859	1,384	559 559	1,796	17.4%	11.8%											
Standby Pow	or	9,046	2,230	103	11,275	626	559	626	6.9%	0.0%											
Cordilleras Mi		9,046 4,177	5,228		9,405	020	515	515	0.9%	9.8%											
San Mateo C		3,055	5,226	437	9,405 8,681	394	1,126	1,520	12.9%	21.7%											
Test Wells	II CCN	3,000	5,865	222	6,088	394	296	296	0.0%	5.0%											
Tesla Portal		2,187	3,200	222	5,386	204	1,186	1,390	9.3%	37.1%											
Sutro Res		671	3,200 696	746	2,113	204	1,100	1,390	3.370	0.0%											
SCADA II		728	771	740	1,498	115		115	15.8%	0.0%											
	dayward Earlt	128	8		1,498	115		115	0.0%	0.0%											
BDPL 3&4 - F	Total WSIP	2.076.242	1,382,194	413,658	3,872,064	296,473	168,117	464,590	14.3%	12.2%											
1	TOTAL WYSIP	2,076,213	1,302,194	413,030	3,012,004	290,473	100, 117	+04,590	14.3%	12.270											

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





## **Employment of Low-Income Residents**

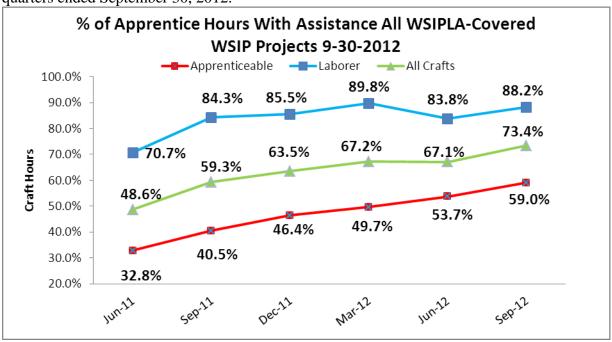
As of September 30, 2012, SFPUC and City staff had placed 319 low-income Apprentices and 122 low-income Journeymen on PLA-Covered Projects including the WSIP and the Advanced Meter Infrastructure Project. These 441 individuals represent 7.8% of the total hours worked and 5.6% of the wages earned by workers covered by the WSIPLA.

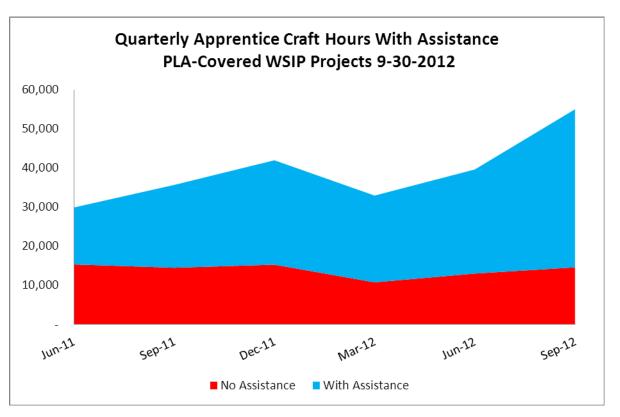
em Impro	vement Pro	gram			
-		-			
			2012		
				% Hours	% Wages
VVOIRCIS	Tiours	wages	70 WOIKCIS	70 HOUIS	70 Wages
40	24 274	601 220	2 07%	E 2E%	5.06%
	•	•			5.44%
	•	•			0.68%
	•	•			7.16%
		,			0.19%
					2.11%
116	108,585	2,452,622	11.52%	23.37%	20.65%
40	23 784	608 341	1 97%	5 12%	5.12%
					21.82%
	•				26.95%
					47.60%
	•				
					52.40% 100.00%
1007	464,590	11,874,491	100.00%	100.00%	100.00%
70	24 452	1 406 707	1.000/	4 040/	4.050/
					1.05%
					0.04%
					0.11%
					0.00%
					0.65%
	•				1.85%
			98.26%	98.10%	98.15%
7025	3,407,474	133,740,318	100.00%	100.00%	100.00%
40	24,374	601,339	0.50%	0.63%	0.41%
28	29,141	646,474	0.35%	0.75%	0.44%
1	3,339	80,910	0.01%	0.09%	0.06%
36	38,684	850,061	0.45%	1.00%	0.58%
1	1,253	22,752	0.01%	0.03%	0.02%
10	11,796	251,086	0.12%	0.30%	0.17%
116	•	•			1.68%
	,	, ,			
119	58.236	2.015.048	1.48%	1.50%	1.38%
					0.04%
					0.10%
		•			0.00%
					2.37%
					3.90%
					5.58%
					94.42%
8032	3,872,064	\$145,614,810	100.00%	100.00%	100.00%
	Placement enticeship e	Placement on the WSI enticeship Training Proceedings Reservoir) throworkers Hours  40 24,374 28 29,141 1 3,339 36 38,684 1 1,253 10 11,796 116 108,585  49 23,784 154 104,709 203 128,492 319 237,077 688 227,512 1007 464,590  70 34,453 3 1,877 7 4,457 1 262 41 23,769 122 64,816 6903 3,342,658 7025 3,407,474  40 24,374 28 29,141 1 3,339 36 38,684 1 1,253 10 11,796 116 108,585  119 58,236 3 1,877 7 4,457 1 262 195 128,478 325 193,309 441 301,894 7591 3,570,170	Workers         Hours         Wages           40         24,374         601,339           28         29,141         646,474           1         3,339         80,910           36         38,684         850,061           1         1,253         22,752           10         11,796         251,086           116         108,585         2,452,622           49         23,784         608,341           154         104,709         2,591,308           203         128,492         3,199,649           319         237,077         5,652,271           688         227,512         6,222,220           1007         464,590         11,874,491           70         34,453         1,406,707           3         1,877         58,024           7         4,457         140,758           1         262         6,018           41         23,769         863,106           122         64,816         2,474,613           6903         3,342,658         131,265,705           7025         3,407,474         133,740,318           40         24,374         601,339 </td <td>Placement on the WSIPLA enticeship Training Program Heights Reservoir) through Sept. 30, 2012  Workers Hours Wages % Workers  40 24,374 601,339 3.97% 28 29,141 646,474 2.78% 1 3,339 80,910 0.10% 36 38,684 850,061 3.57% 1 1,253 22,752 0.10% 10 11,796 251,086 0.99% 116 108,585 2,452,622 11.52%  49 23,784 608,341 4.87% 154 104,709 2,591,308 15.29% 203 128,492 3,199,649 20.16% 319 237,077 5,652,271 31.68% 688 227,512 6,222,220 68.32% 1007 464,590 11,874,491 100.00%  70 34,453 1,406,707 1.00% 3 1,877 58,024 0.04% 7 4,457 140,758 0.10% 1 262 6,018 0.01% 41 23,769 863,106 0.58% 122 64,816 2,474,613 1.74% 6903 3,342,658 131,265,705 98.26% 7025 3,407,474 133,740,318 100.00%  40 24,374 601,339 0.50% 6903 3,342,658 131,265,705 98.26% 7025 3,407,474 133,740,318 100.00%  40 24,374 601,339 0.50% 28 29,141 646,474 0.35% 1 3,339 80,910 0.01% 36 38,684 850,061 0.45% 1 1,253 22,752 0.01% 10 11,796 251,086 0.12% 116 108,585 2,452,622 1.44%  119 58,236 2,015,048 1.48% 3 1,877 58,024 0.04% 7 4,457 140,758 0.09% 1 1,253 22,752 0.01% 10 11,796 251,086 0.12% 119 58,236 2,015,048 1.48% 3 1,877 58,024 0.04% 7 4,457 140,758 0.09% 1 128,478 3,454,415 2.43% 325 193,309 5,674,263 4.05% 441 301,894 8,126,884 5.49% 7591 3,570,170 137,487,925 94,51%</td> <td>Placement on the WSIPLA enticeship Training Program Heights Reservoir) through Sept. 30, 2012  Workers Hours Wages % Workers % Hours  40 24,374 601,339 3.97% 5.25% 6.27% 1 3,339 80,910 0.10% 0.72% 36 38,684 850,061 3.57% 8.33% 1 1.253 22,752 0.10% 0.27% 10 11,796 251,086 0.99% 2.54% 116 108,585 2,452,622 11.52% 23.37% 49 23,784 608,341 4.87% 5.12% 154 104,709 2,591,308 15.29% 22.54% 203 128,492 3,199,649 20.16% 27.66% 319 237,077 5,652,271 31.68% 51.03% 688 227,512 6,222,220 68.32% 48.97% 1007 464,590 11,874,491 100.00% 100.00% 70 34,453 1,406,707 1.00% 10.00% 70 34,453 1,406,707 1.00% 10.00% 70 34,457 140,758 0.10% 0.13% 1 262 6,018 0.01% 0.01% 122 64,816 2,474,613 1.74% 1.90% 6903 3,342,658 131,265,705 98.26% 98.10% 7025 3,407,474 133,740,318 100.00% 100.00% 100.11% 1,253 22,752 0.01% 0.03% 10 11,796 251,086 0.12% 0.30% 116 108,585 2,452,622 1.44% 2.80% 119 58,236 2,015,048 1.48% 1.50% 10 11,796 251,086 0.12% 0.30% 116 108,585 2,452,622 1.44% 2.80% 119 58,236 2,015,048 1.48% 1.50% 10 11,796 251,086 0.12% 0.30% 116 108,585 2,452,622 1.44% 2.80% 119 58,236 2,015,048 1.48% 1.50% 3 1,877 58,024 0.04% 0.06% 7 4,457 140,758 0.01% 0.01% 0.09% 36 38,684 850,061 0.45% 1.00% 100.00% 100.00% 100.11% 0.09% 36 38,684 850,061 0.45% 1.00% 100.00%</td>	Placement on the WSIPLA enticeship Training Program Heights Reservoir) through Sept. 30, 2012  Workers Hours Wages % Workers  40 24,374 601,339 3.97% 28 29,141 646,474 2.78% 1 3,339 80,910 0.10% 36 38,684 850,061 3.57% 1 1,253 22,752 0.10% 10 11,796 251,086 0.99% 116 108,585 2,452,622 11.52%  49 23,784 608,341 4.87% 154 104,709 2,591,308 15.29% 203 128,492 3,199,649 20.16% 319 237,077 5,652,271 31.68% 688 227,512 6,222,220 68.32% 1007 464,590 11,874,491 100.00%  70 34,453 1,406,707 1.00% 3 1,877 58,024 0.04% 7 4,457 140,758 0.10% 1 262 6,018 0.01% 41 23,769 863,106 0.58% 122 64,816 2,474,613 1.74% 6903 3,342,658 131,265,705 98.26% 7025 3,407,474 133,740,318 100.00%  40 24,374 601,339 0.50% 6903 3,342,658 131,265,705 98.26% 7025 3,407,474 133,740,318 100.00%  40 24,374 601,339 0.50% 28 29,141 646,474 0.35% 1 3,339 80,910 0.01% 36 38,684 850,061 0.45% 1 1,253 22,752 0.01% 10 11,796 251,086 0.12% 116 108,585 2,452,622 1.44%  119 58,236 2,015,048 1.48% 3 1,877 58,024 0.04% 7 4,457 140,758 0.09% 1 1,253 22,752 0.01% 10 11,796 251,086 0.12% 119 58,236 2,015,048 1.48% 3 1,877 58,024 0.04% 7 4,457 140,758 0.09% 1 128,478 3,454,415 2.43% 325 193,309 5,674,263 4.05% 441 301,894 8,126,884 5.49% 7591 3,570,170 137,487,925 94,51%	Placement on the WSIPLA enticeship Training Program Heights Reservoir) through Sept. 30, 2012  Workers Hours Wages % Workers % Hours  40 24,374 601,339 3.97% 5.25% 6.27% 1 3,339 80,910 0.10% 0.72% 36 38,684 850,061 3.57% 8.33% 1 1.253 22,752 0.10% 0.27% 10 11,796 251,086 0.99% 2.54% 116 108,585 2,452,622 11.52% 23.37% 49 23,784 608,341 4.87% 5.12% 154 104,709 2,591,308 15.29% 22.54% 203 128,492 3,199,649 20.16% 27.66% 319 237,077 5,652,271 31.68% 51.03% 688 227,512 6,222,220 68.32% 48.97% 1007 464,590 11,874,491 100.00% 100.00% 70 34,453 1,406,707 1.00% 10.00% 70 34,453 1,406,707 1.00% 10.00% 70 34,457 140,758 0.10% 0.13% 1 262 6,018 0.01% 0.01% 122 64,816 2,474,613 1.74% 1.90% 6903 3,342,658 131,265,705 98.26% 98.10% 7025 3,407,474 133,740,318 100.00% 100.00% 100.11% 1,253 22,752 0.01% 0.03% 10 11,796 251,086 0.12% 0.30% 116 108,585 2,452,622 1.44% 2.80% 119 58,236 2,015,048 1.48% 1.50% 10 11,796 251,086 0.12% 0.30% 116 108,585 2,452,622 1.44% 2.80% 119 58,236 2,015,048 1.48% 1.50% 10 11,796 251,086 0.12% 0.30% 116 108,585 2,452,622 1.44% 2.80% 119 58,236 2,015,048 1.48% 1.50% 3 1,877 58,024 0.04% 0.06% 7 4,457 140,758 0.01% 0.01% 0.09% 36 38,684 850,061 0.45% 1.00% 100.00% 100.00% 100.11% 0.09% 36 38,684 850,061 0.45% 1.00% 100.00%

#### San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Assisted Employment by Project

WSIPLA Inception through Sept. 30, 2012									
	Project Total Craft Hours				ted Craft I	Hours	% Assisted		
Project	Apprentice	Journey	Total	Apprentice	Journey	Total	Apprentice	Journey	Total
New Irvington Tunnel	22,868	318,801	341,669	18,192	4,856	23,048	79.6%	1.5%	6.7%
Sunol Valley WTP	49,999	291,347	341,346	20,865	2,326	23,191	41.7%	0.8%	6.8%
BDPL 5 - Peninsula	26,196	259,363	285,559	20,197	1,866	22,063	77.1%	0.7%	7.7%
Bay Tunnel	20,688	225,960	246,648	15,808	3,466	19,273	76.4%	1.5%	7.8%
BDPL 5 - East Bay	20,196	188,059	208,255	10,815	1,119	11,934	53.6%	0.6%	5.7%
Crystal Springs / San Andreas	20,370	168,203	188,573	12,595	3,832	16,427	61.8%	2.3%	8.7%
University Mound Reservoir	30,350	156,680	187,030	14,817	7,924	22,740	48.8%	5.1%	12.2%
Harry Tracy Long Term Impr	20,609	146,174	166,783	13,476	1,888	15,364	65.4%	1.3%	9.2%
Calaveras Dam	13,709	146,343	160,052	10,746		10,746	78.4%	0.0%	6.7%
Tesla Treatment Facility	26,882	114,702	141,584	2,743		2,743	10.2%	0.0%	1.9%
Advanced Meter Infrastructure	46,989	92,994	139,983	4,137	14,525	18,661	8.8%	15.6%	13.3%
Alameda Siphon No. 4	20,577	108,281	128,857	16,606	148	16,753	80.7%	0.1%	13.0%
New Crystal Springs Bypass Tunnel	17,612	100,248	117,860	319	236	555	1.8%	0.2%	0.5%
Crystal Springs Pipe # 2	9,567	93,458	103,025	8,842	3,635	12,476	92.4%	3.9%	12.1%
San Joaquin Pipe East	9,580	88,183	97,763	8,906	5,251	14,157	93.0%	6.0%	14.5%
Lake Merced Pump Station	10,544	83,527	94,070	3,881	8,049	11,930	36.8%	9.6%	12.7%
San Joaquin Pipeline West	8,879	84,943	93,822	5,372	130	5,501	60.5%	0.2%	5.9%
Lower Crystal Springs Dam	8,097	84,367	92,464	6,314	406	6,719	78.0%	0.5%	7.3%
San Andreas Pipeline No.3	9,311	73,764	83,075	7,673	458	8,130	82.4%	0.6%	9.8%
San Joaquin Crossovers	9,012	72,442	81,454	3,406	270	3,676	37.8%	0.4%	4.5%
Stanford Heights Reservoir	9,891	64,393	74,284	1,336	1,045	2,381	13.5%	1.6%	3.2%
Alemany Pump Station	7,544	66,120	73,664	2,671	530	3,201	35.4%	0.8%	4.3%
North U Mound System	2,998	50,268	53,265	2,550	106	2,656	85.1%	0.2%	5.0%
Pulgas Rehab and Roof	7,292	40,065	47,357	1,458	1,242	2,700	20.0%	3.1%	5.7%
Homestead Pond	8,579	37,611	46,190	6,826	606	7,432	79.6%	1.6%	16.1%
BDPL Nos. 3&4 Crossover	4,320	39,060	43,380	1,928	30	1,958	44.6%	0.1%	4.5%
Harry Tracy WTP Short Term	2,089	40,961	43,049	1,329	183	1,512	63.6%	0.4%	3.5%
BHR - San Antonio Creek	3,233	23,941	27,174	2,739	201	2,940	84.7%	0.8%	10.8%
Forest Knolls Pump Station	2,907	23,534	26,441	1,888		1,888	64.9%	0.0%	7.1%
Harding Park	1,636	21,074	22,710	1,160	8	1,168	70.9%	0.0%	5.1%
Noe Valley Transmission Main	1,133	21,378	22,511	981		981	86.6%	0.0%	4.4%
Baden and San Pedro Valve Lot	2,737	17,201	19,937	2,057	82	2,139	75.2%	0.5%	10.7%
San Antonio Pump Station	1,798	13,119	14,916	931		931	51.8%	0.0%	6.2%
Roselle Crossovers	1,943	10,917	12,859	256	32	288	13.2%	0.3%	2.2%
Standby Power Facilities	626	10,649	11,275			-	0.0%	0.0%	0.0%
BDPL 5 Cordilleras Micro Tunnel	515	8,890	9,405	454	180	633	88.1%	2.0%	6.7%
San Mateo Creek	1,520	7,161	8,681	1,126	149	1,275	74.1%	2.1%	14.7%
Test Well Drilling	296	5,792	6,088	296		296	100.0%	0.0%	4.9%
Tesla Portal Protection	1,390	3,996	5,386	1,390		1,390	100.0%	0.0%	25.8%
Sutro Reservoir		2,113	2,113		44	44	0.0%	2.1%	2.1%
SCADA System Phase II	115	1,383	1,498			-	0.0%	0.0%	0.0%
BDPL 3&4 - Hayward Fault		8	8			-	0.0%	0.0%	0.0%
Total WSIPLA	464,590	3,407,474	3,872,064	237,077	64,816	301,894	51.03%	1.90%	7.80%

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 September 30, 2012.





#### 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 September 30, 2012, 8,814 pre-employment tests had been administered to people who were cleared to work. 113 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 September 30, 2012.

San Francisco Public Utilities Commission	n							
WSIP - Project Labor Agreement								
Substance Abuse Testing Summary								
Tests Administered to Individuals Cleared to Work Through September 30, 20								
Project								
Crystal Spings San Andreas Transmission System								
Harry Tracy Water Treatment Plant Long-Term								
Sunol Valley Water Treatment Plant								
Bay Division Pipeline #5 - East Bay Reaches								
Lake Merced Pump Station								
Calaveras Dam Replacement								
New Irvington Tunnel								
Tesla Treatment Facility Project		378						
Alemany Pump Station Upgrade		375						
Bay Tunnel Project		365						
University Mound Reservoir North Basin Seismic		319						
Bay Division Reliability Upgrade Pipeline #5		305						
San Joaquin Pipeline System-Eastern Segment		279						
Alameda Siphon #4		229						
New Crystal Springs Bypass Tunnel		212						
Advanced Meter Infrastructure		211						
San Joaquin Pipeline System-Western Segment		207						
Stanford Heights Reservoir Project		199						
San Joaquin Pipeline Crossovers		188						
Pulgas Balancing Reservoir Structural Rehabilitati		184						
Bay Division 3 & 4 Crossover Facilities		179 178						
San Andreas Pipeline #3		176						
Lower Crystal Springs Dam Improvements Forest Knolls Pump Station Project		115						
Harry Tracy Water Treatment Short-Term		93						
Baden & San Pedro Valve Lot Improvements		86						
Crystal Springs Pipeline No. 2 Replacement Project		81						
San Antonio Pump Station Upgrade		70						
Roselle Crossovers		63						
North University Mound System Upgrade		55						
San Antonio Creek		47						
Standby Power		30						
Bay Division - Cordilleras Microtunnel		28						
Scada System Phase II		28						
Noe Valley Transmission Main Phase II		27						
Peninsula Watershed - San Mateo Creek		26						
Sutro Reservior Rehabilitation And Seismic Upgrade		25						
Regional Groundwater - Test Wells		10						
Harding Park Recycled Water Project		7						
Total Cleared		8814						
Positive Pre-Employment Tests Through September	er 30, 2012							
Banned Substance	% Positive	# Positive						
Marijuana	0.54%	48						
Refused	0.26%	23						
Amphetamines	0.15%	13						
Cocaine 0.12%								
Alcohol 0.04%								
Benzodiazepines 0.03%								
Amphetamines/Dilute 0.02%								
Marijuana Amphetamines 0.02%								
Methadone 0.02%								
Cocaine/Marijuana 0.01%								
Marijuana/Opiates 0.01%								
Opiates 0.01%								
Opiates/Alcohol 0.01%								
Phencyclidine 0.01%								
Total Positive	1.27%	113						

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#### **WSIP Craft Hour Estimate**

The WSIP Craft Hour Estimate is based on estimated construction spending as of September 30, 2012. The WSIP program is expected to require a total of 8,973,286 craft hours, including 3,792,789 craft hours in twelve areas of construction activity in six Bay Area Counties from October 1, 2012 through completion in 2019. The WSIP Craft Hour Model indicates that 57.7% of WSIP craft hours had been worked as of September 30, 2012 (42.3% of hours remaining as of October 1, 2012). The model indicates that 5,180,497 hours were worked on the WSIP as of September 30, 2012, which is 128% of the 4,036,347 hours recorded in the Elations system for WSIP 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, while actual hours are generally highest during the middle phases of the projects.

San Francisco Public Utilities Commission										
Water System Improvement Program - Project Labor Agreement										
WSIP Craft Hour Forecast as of September 30, 2012										
		San San Santa Stanislau								
Craft Area	<u>Alameda</u>	<u>Francisco</u>	<u>Joaquin</u>	<u>Mateo</u>	Clara	<u>s</u>	<u>Total</u>			
Carpentry	114,323	32,101	484	72,125	979	4,409	224,421			
Concrete	445,519	142,650	1,727	182,990	3,387	5,249	781,523			
Electrical	66,927	119,925	2,258	103,992	4,446	8,440	305,989			
Heavy Equipment Operation	538,084	282,522	1,082	97,262	2,444	34,551	955,947			
Masonry	25,832	58,228	1,160	17,775	2,240	-	105,235			
Mechanical	203,759	105,297	1,807	98,668	3,845	34,837	448,213			
Painting	36,533	56,318	1,122	9,554	2,272	10,236	116,036			
Roofing	29,533	29,347	585	3,624	1,129	-	64,218			
Sheet Metal	5,748	29,347	585	3,231	1,129	-	40,040			
Structural Steel	63,185	83,980	1,511	31,501	2,964	4,593	187,734			
Trucking & Hauling	250,852	61,789	625	12,874	1,324	11,404	338,867			
Underground Tunnel Work	224,529	-	-	37	-	-	224,566			
	2,004,826	1,001,504	12,947	633,632	26,159	113,720	3,792,789			

San Francisco Public Utilities Commission										
Water System Improvement Program - Project Labor Agreement										
	WSIP Craft Hour Forecast as of September 30, 2012									
	2012 -									
	Three									
County	<b>Months</b>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	2017	<u>2018</u>	<u>2019</u>	Total WSIP	
Alameda	158,891	600,250	570,931	312,493	204,204	158,056	-	-	2,004,826	
San Francisco	25,257	69,533	244,242	210,612	63,589	153,577	134,111	100,583	1,001,504	
San Mateo	112,119	267,589	195,667	53,060	5,198	-	-	-	633,632	
Stanislaus	56,243	57,477	-	-	-	-	-	-	113,720	
Santa Clara	4,738	14,281	7,140	-	-	-	-	-	26,159	
San Joaquin	9,013	3,933	-	-	-	-	-	-	12,947	
Grand Total	366,261	1,013,064	1,017,981	576,165	272,990	311,633	134,111	100,583	3,792,789	

0 = 1										
San Francisco Public Utilities Commission										
Water System Improvement Program - Project Labor Agreement										
WSIP Craft Hour Forecast as of September 30, 2012										
		San	San	San	Santa					
Craft Area	<u>Alameda</u>	Francisco	Joaquin	Mateo	Clara	Stanislaus	Total			
Carpentry	114,323	32,101	484	72,125	979	4,409	224,421			
Concrete	445,519	142,650	1,727	182,990	3,387	5,249	781,523			
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Sheet Metal	5,748	29,347	585	3,231	1,129	-	40,040			
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Underground Tunnel Work	224,529	-	-	37	-	-	224,566			
	2,004,826	1,001,504	12,947	633,632	26,159	113,720	3,792,789			

#### **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 Joint Administrative Committee has established the Job Training Opportunities Program to promote the employment and training of San Francisco and SFPUC Service 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 prejob 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.

#### **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 Elations 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 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.

