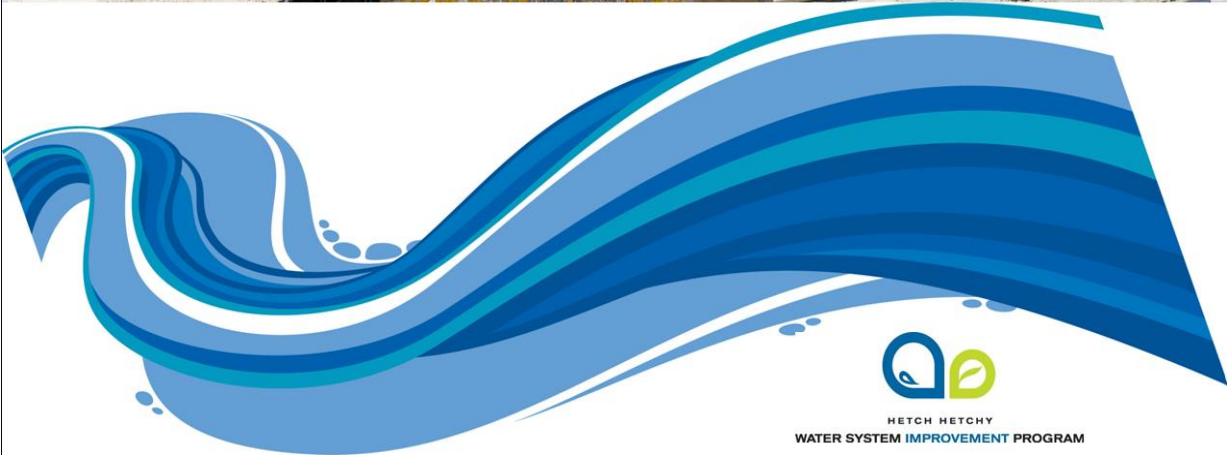




San Francisco Public Utilities Commission
WATER SYSTEM IMPROVEMENT PROGRAM

PROJECT LABOR AGREEMENT

Quarterly Report – Fourth Quarter 2008-2009



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WATER SYSTEM IMPROVEMENT PROGRAM

San Francisco Public Utilities Commission
Water System Improvement Program Project Labor Agreement
Quarterly Report – Fourth Quarter 2008-2009

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Introduction:

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 from participating in strikes 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. The WSIPLA has since been applied to fifteen projects with a contact value of \$360.0 Million.

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.

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.

The commencement of major 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. WSIP contracts awarded subject to the WSIPLA through June 30, 2009

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represent approximately 14.7% of the total estimated construction contracts projected to be awarded subject to the WSIPLA.

Contracting:

- Fifteen construction projects with a contract value of \$360 Million have been awarded subject to the WSIPLA.
- The total of the range of the advertised construction cost estimates for the fifteen contracts awarded subject to the WSIPLA was \$429.2 Million at the low end to \$479.7 Million at the high end. The \$360.0 Million awarded is 83.8% of the low end of the engineer's estimate.
- Three San Francisco-Certified LBE Prime Contractors were awarded \$26.6 Million, representing 10.3% of the \$259.5 Million awarded to Prime Contractors.
- 50 LBE-Certified Sub-Contractors were awarded \$39.1 Million representing 37.2% of the \$105.1 Million awarded to Sub-Contractors on WSIPLA covered projects.
- 39 of the LBE sub-contractor awards went to San Francisco Certified LBE's who were awarded \$25.9 Million representing 66.4% of the \$39.1 Million awarded to LBE Sub-Contractors and 24.7% of total sub-contractor awards..
- 11 SFPUC-Certified Regional Sub-Contractors were awarded \$13.1 Million representing 33.6% of the \$39.1 Million awarded to LBE Sub-Contractors and 12.5% of total sub-contractor awards.

Employment:

- 1,028 construction workers were employed for 219,530 hours on covered projects, and earned wages of \$7,869,496.
- The construction workforce includes 133 San Francisco residents who worked 32,169 or 14.7% of covered hours and earned wages of \$1,170,619.
- The construction workforce includes 374 residents of the suburban water service territory who worked 74,718 or 36.4.7% of covered hours and earned wages of \$2,708,985.
- 656 residents of San Francisco and the seven counties supplied with SFPUC water worked 131,807 hours and earned \$4,657,840. This represents 60% of the hours worked.
- 962 pre-employment substance abuse tests had been administered under the provisions of the WSIPLA Substance Abuse Policy as of June 29, 2009.
- 16 first-source apprentices and 10 first-source journeymen worked on covered projects. The 16 first-source apprentices worked 5,167 hours and earned \$125,751 while the 10 first-source journeymen worked 2,023 hours and earned \$52,485.
- Completion of the WSIP is expected to require 10,003,192 craft hours from July 1, 2009 through completion in 2015.

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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. There have been no grievances filed to date. The LRCP implements the agreement under the direction of the Joint Administrative Committee.

Summary of Contracts Awarded

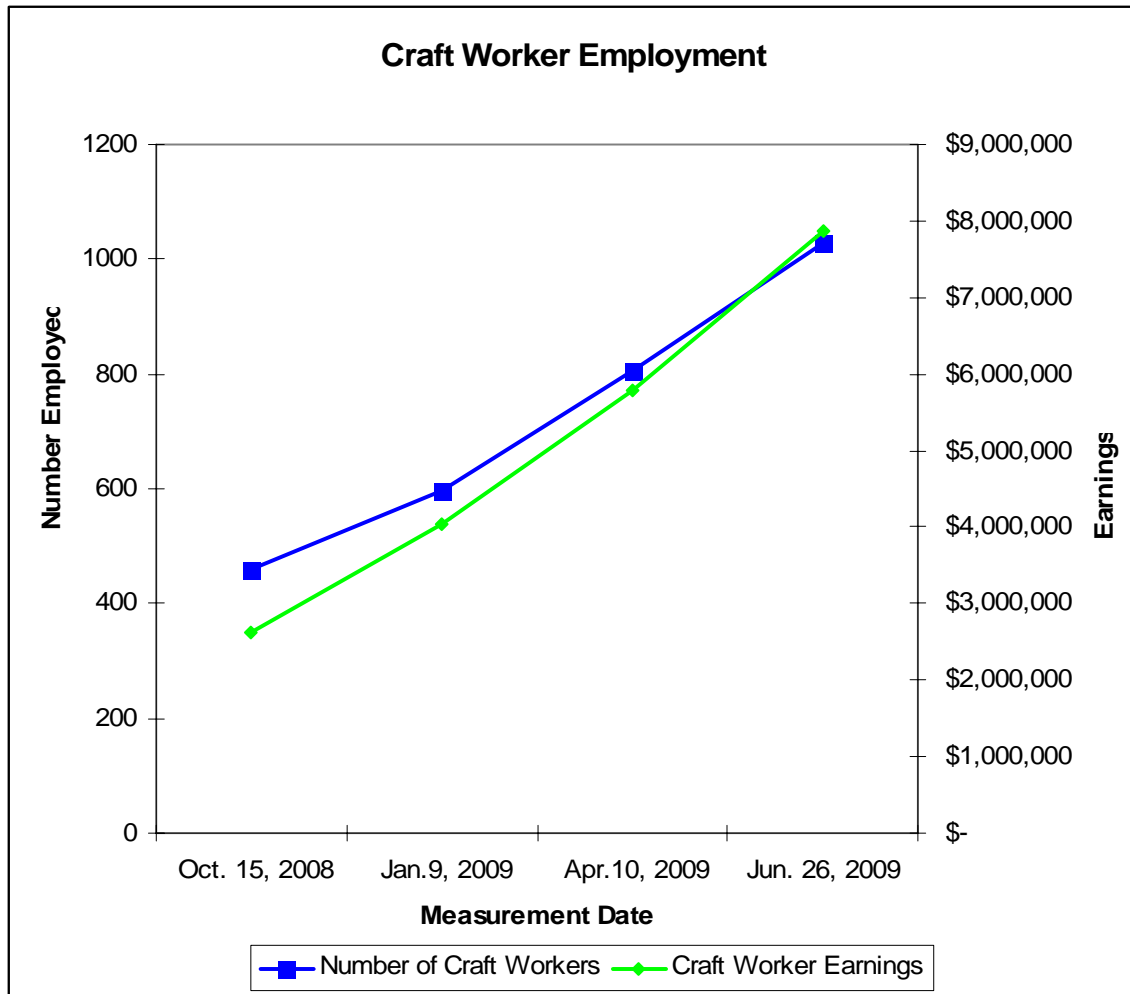
As of its meeting on June 23, 2009, the SFPUC had awarded fifteen construction contracts in the amount of \$360 Million subject to the WSIPLA. The total of the advertised engineer's estimates for these contracts was \$429.2 Million at the low end to \$479.7 Million at the high end. The \$360 Million awarded is 83.9% of the low end of the engineer's estimate.

San Francisco Public Utilities Commission Contracts Awarded Subject to the WSIPLA through June 30, 2009					
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.	Aleman 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
Total Fifteen Projects			\$429.2 to \$479.7	\$	359,989,437

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Program-Wide Craft Worker Employment

The following chart and table summarize craft worker employment under the WSIPLA for the four most recent quarterly measurement dates through June 26, 2009. The employment summaries represent electronic certified payrolls recorded in Elation Systems at the measurement date. As of June 26, 2009, 1028 craft workers in 16 crafts had been employed on WSIPLA covered projects for 219,530 hours and earned \$7,869,496.



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San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Report of Activities for the Quarter Ended June 30, 2009 Employment Summary - All Projects Includes Electronic Certified Payrolls Recorded Through June 26, 2009				
<u>Number of Craft Workers</u>	Jun. 26, 2009	Apr.10, 2009	Jan.9, 2009	Oct. 15, 2008
ASBESTOS WORKER	4	4	3	3
BRICKLAYER	9	8	7	7
CARPENTER	102	93	77	66
CEMENT MASON	32	31	26	22
ELECTRICIAN	66	58	41	37
FIELD SURVEYOR	15	15	15	12
IRON WORKER	159	147	113	94
LABORER	349	260	212	154
OPERATING ENGINEER	143	86	61	44
PAINTER	32	23	7	1
PILE DRIVER	5	4	4	4
PLUMBER	25	23	16	8
ROOFER	52	36	9	8
SHEET METAL WORKER	4	4	4	
TEAMSTER	14	6	2	
TUNNEL WORKER	17	6		
	1,028	804	597	460
<u>Craft Worker Earnings</u>				
ASBESTOS WORKER	\$ 1,734	\$ 1,734	\$ 1,320	\$ 1,320
BRICKLAYER	39,924	17,632	14,983	12,617
CARPENTER	1,837,289	1,622,300	1,318,154	929,649
CEMENT MASON	85,770	80,854	65,918	32,603
ELECTRICIAN	1,057,383	818,285	565,572	263,267
FIELD SURVEYOR	9,858	10,340	9,129	15,159
IRON WORKER	481,881	438,331	318,645	201,219
LABORER	2,352,317	1,770,472	1,275,472	871,291
OPERATING ENGINEER	945,802	515,731	276,125	187,750
PAINTER	76,596	55,068	19,353	12,026
PILE DRIVER	171,565	141,501	108,151	70,536
PLUMBER	259,803	135,280	39,192	14,457
ROOFER	92,495	44,506	19,471	19,240
SHEET METAL WORKER	7,497	7,186	5,594	
TEAMSTER	254,196	78,721	6,399	
TUNNEL WORKER	195,386	51,786		
	\$ 7,869,496	\$5,789,726	\$ 4,043,478	\$ 2,631,133
<u>Craft Hours Worked</u>				
ASBESTOS WORKER	56	56	48	48
BRICKLAYER	1,165	509	434	322
CARPENTER	49,147	43,584	35,668	25,409
CEMENT MASON	2,488	2,340	1,900	917
ELECTRICIAN	19,965	15,529	10,866	4,968
FIELD SURVEYOR	210	220	195	164
IRON WORKER	16,179	14,778	10,806	6,756
LABORER	81,092	61,141	44,135	28,370
OPERATING ENGINEER	25,534	13,997	7,871	5,288
PAINTER	2,036	1,470	507	307
PILE DRIVER	3,528	2,866	2,227	1,452
PLUMBER	5,264	2,820	769	274
ROOFER	3,167	1,561	689	666
SHEET METAL WORKER	150	144	112	
TEAMSTER	3,833	1,323	70	
TUNNEL WORKER	5,720	1,507		
	219,530	163,842	116,295	74,940

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Local Hire of Construction Workers

The State of California's Department of Industrial Relations requires that SFPUC construction contractors provide the SFPUC with certified payroll reports regarding employment of workers who are covered by the State's prevailing wage laws. The SFPUC requires its contractors to file their certified payroll reports electronically over the internet with a system developed by Elation Systems, Inc. The electronic certified payrolls are used to report the county of residence for covered workers and to report the hours worked and wages earned by disadvantaged workers placed by the WSIPLA's first-source hiring program. Electronic certified payrolls recorded in Elation Systems as of June 26, 2009 were used to produce the payroll data included in this report.

The following table summarizes employment on WSIPLA covered projects through June 30, 2009 by the employee's county of residence.

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San Francisco Public Utilities Commission WSIP - Project Labor Agreement Covered Employment by County of Residence Inception Through June 30, 2009						
	<u>Number of</u>	<u>Hours</u>		<u>Number of</u>	<u>Hours</u>	<u>Total</u>
	<u>Workers</u>	<u>Worked</u>	<u>Total Wages</u>	<u>Workers</u>	<u>Worked %</u>	<u>Wages %</u>
				<u>%</u>		
Alameda	252	48,779	1,613,967	24.51%	22.22%	20.51%
Contra Costa	158	53,195	1,898,189	15.37%	24.23%	24.12%
San Francisco	133	32,169	1,170,619	12.94%	14.65%	14.88%
San Mateo	102	24,899	1,001,464	9.92%	11.34%	12.73%
San Joaquin	70	9,907	342,830	6.81%	4.51%	4.36%
Santa Clara	69	10,781	348,898	6.71%	4.91%	4.43%
Solano	50	4,091	133,891	4.86%	1.86%	1.70%
Sonoma	38	8,042	282,674	3.70%	3.66%	3.59%
Stanislaus	28	3,837	129,471	2.72%	1.75%	1.65%
Sacramento	22	5,436	237,941	2.14%	2.48%	3.02%
Out of State	12	3,588	182,772	1.17%	1.63%	2.32%
Calaveras	11	3,620	144,718	1.07%	1.65%	1.84%
Los Angeles	9	370	14,789	0.88%	0.17%	0.19%
Napa	9	508	16,030	0.88%	0.23%	0.20%
Butte	8	1,694	58,670	0.78%	0.77%	0.75%
Monterey	7	2,123	67,456	0.68%	0.97%	0.86%
Kern	6	698	31,294	0.58%	0.32%	0.40%
Marin	6	391	10,072	0.58%	0.18%	0.13%
San Bernardino	6	771	27,824	0.58%	0.35%	0.35%
Placer	5	504	13,562	0.49%	0.23%	0.17%
Fresno	3	959	29,642	0.29%	0.44%	0.38%
Merced	3	215	7,928	0.29%	0.10%	0.10%
San Benito	3	276	8,502	0.29%	0.13%	0.11%
Yolo	3	182	7,277	0.29%	0.08%	0.09%
Madera	2	312	11,560	0.19%	0.14%	0.15%
Orange	2	69	2,657	0.19%	0.03%	0.03%
Riverside	2	77	2,975	0.19%	0.04%	0.04%
Tuolumne	2	1,436	50,592	0.19%	0.65%	0.64%
Yuba	2	37	961	0.19%	0.02%	0.01%
Kings	1	49	2,266	0.10%	0.02%	0.03%
Santa Cruz	1	9	254	0.10%	0.00%	0.00%
Shasta	1	464	16,036	0.10%	0.21%	0.20%
Siskiyou	1	40	1,507	0.10%	0.02%	0.02%
Sutter	1	8	207	0.10%	0.00%	0.00%
	1,028	219,530	7,869,496	100.00%	100.00%	100.00%

In addition to San Francisco, the SFPUC delivers water in seven California Counties: Alameda, Mariposa, San Joaquin, San Mateo, Santo Clara, Stanislaus, and Tuolumne. 63.8% of the individuals who worked on PLA covered projects live in San Francisco or one of the seven counties in which the SFPUC delivers water. This represents 656 people who earned \$4,657,840 while working 131,807 hours.

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San Francisco Public Utilities Commission WSIP - Project Labor Agreement Employment of Residents of Water-Service Counties Inception Through June 30, 2009						
	<u>Number of</u>	<u>Hours</u>	<u>Total Wages</u>	<u>Number of</u>	<u>Hours</u>	<u>Total</u>
	<u>Workers</u>	<u>Worked</u>		<u>Workers</u>	<u>Worked %</u>	<u>Wages %</u>
Alameda	252	48,779	1,613,967	24.51%	22.22%	20.51%
San Francisco	133	32,169	1,170,619	12.94%	14.65%	14.88%
San Joaquin	70	9,907	342,830	6.81%	4.51%	4.36%
San Mateo	102	24,899	1,001,464	9.92%	11.34%	12.73%
Santa Clara	69	10,781	348,898	6.71%	4.91%	4.43%
Stanislaus	28	3,837	129,471	2.72%	1.75%	1.65%
Tuolumne	2	1,436	50,592	0.19%	0.65%	0.64%
Others	372	87,723	3,211,656	36.19%	39.96%	40.81%
	1,028	219,530	7,869,496	100.00%	100.00%	100.00%

The Elation Systems Data can also be summarized by zip code, which, although the service territory is not contiguous with zip codes, approximates the residence of workers by whether or not they are SFPUC water customers.

San Francisco Public Utilities Commission WSIP - Project Labor Agreement Covered Employment by Residence in Service Territory Since Inception Quarter Ended June 30, 2009						
	<u>Number of</u>	<u>Hours</u>	<u>Total Wages</u>	<u>Number of</u>	<u>Hours</u>	<u>Total</u>
	<u>Workers</u>	<u>Worked</u>		<u>Workers</u>	<u>Worked %</u>	<u>Wages %</u>
Outside Service Territory	521	112,644	3,989,892	50.68%	51.31%	50.70%
Suburban Service Territory	374	74,718	2,708,985	36.38%	34.04%	34.42%
San Francisco	133	32,169	1,170,619	12.94%	14.65%	14.88%
Grand Total	1,028	219,530	7,869,496	100.00%	100.00%	100.00%

First-Source Employment of Disadvantaged Residents

As of June 30, 2009, twenty-nine disadvantaged workers had been placed on covered projects. Twenty-Five of the disadvantaged workers were referrals from San Francisco's CityBuild Program, three were referred by the Job Train Program in Menlo Park, and one was referred by Northern California Construction Training, Inc. in Sacramento Ca. The twenty-nine workers worked 8,926 hours and earned \$221,635 through June 30, 2009 in six crafts.

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San Francisco Public Utilities Commission WSIP - Project Labor Agreement Cumulative First Source Placements Quarter Ended June 30, 2009			
	<u>Workers</u>	<u>Wages</u>	<u>Hours</u>
Apprentices			
CARPENTER	7	\$ 76,182	3,151
ELECTRICIAN	1	23,514	841
IRON WORKER	1	892	45
LABORER	6	31,702	1,700
OPERATING ENGINEER	2	19,380	843
PLUMBER	1	27,561	799
	<u>18</u>	<u>179,231</u>	<u>7,378</u>
Journeyman			
LABORER	10	39,013	1,456
OPERATING ENGINEER	1	3,392	93
	<u>11</u>	<u>42,405</u>	<u>1,549</u>
Total Employed			
CARPENTER	7	76,182	3,151
ELECTRICIAN	1	23,514	841
IRON WORKER	1	892	45
LABORER	16	70,715	3,156
OPERATING ENGINEER	3	22,772	936
PLUMBER	1	27,561	799
	<u>29</u>	<u>\$ 221,635</u>	<u>8,927</u>

The following table summarizes the cumulative first source placements by county of residence. Note that Certified Payrolls for one resident of San Joaquin County were first recorded after data was collected for this report.

San Francisco Public Utilities Commission WSIP - Project Labor Agreement Residence Data For First Source Placements Quarter Ended June 30, 2009			
<u>County</u>	<u>Workers</u>	<u>Wages</u>	<u>Hours</u>
Alameda	3	\$ 15,625	607
Contra Costa	1	12,173	451
San Francisco	20	176,806	7,158
San Joaquin	1	-	-
San Mateo	3	16,309	679
Solano	1	723	32
Grand Total	<u>29</u>	<u>\$ 221,635</u>	<u>8,927</u>

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Substance Abuse Prevention

The WSIPLA requires pre-employment alcohol and drug testing for all covered employees. The policy also allows testing where the contractor has reasonable cause to believe that the employee has used drugs or alcohol, and requires testing where a contractor concludes that an employee was under the influence of drugs or alcohol at the time of an accident. The SFPUC has extended the WSIPLA substance abuse prevention policy to all contractor employees working at the job site.

As of June 29, 2009, 943 people had been cleared to work, 19 had failed to pass pre-employment tests and consequently were prevented from working, and there had been no reasonable suspicion or post-accident tests administered. The following table summarizes the results of the Substance Abuse Prevention Program as of June 29, 2009.

San Francisco Public Utilities Commission WSIP - Project Labor Agreement Activities for the Quarter Ended June 30, 2009 Substance Abuse Testing Summary Tests Administered Through June 29, 2009	
<u>Individuals Cleared to Work</u>	
Alemaný Pump Station Upgrade	289
Baden & San Pedro Valve Lot Improvements	12
Forest Knolls Pump Station Project	115
Harry Tracy Water Treatment Project	78
Lake Merced Pump Station	49
New Crystal Springs Bypass Tunnel	62
Noe Valley Transmission Main Phase II	26
North University Mound System Upgrade	39
Standby Power	28
Stanford Heights Reservoir Project	184
Tesla Treatment Facility Project	61
	943
<u>Individuals Eligible to Re-Test</u>	
Alcohol	1
Amphetamine/Dilute	1
Amphetamines	2
Cocaine	2
Marijuana	9
Refused	4
	19
<u>Percent Positive</u>	
Alcohol	0.10%
Amphetamines	0.10%
Cocaine	0.21%
Dilute - Amphetamines	0.21%
Marijuana	0.94%
Refused	0.42%
	1.98%

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Project Level Employment Results

The Elation Systems, Inc. electronic certified payrolls allow for summarization of craft worker employment results for individual WSIP projects. The first table on the following page summarizes employment of service territory residents by project. The second table summarizes project employment by the employees' county of residence, for those counties in which the SFPUC delivers water.

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San Francisco Public Utilities Commission WSIP - Project Labor Agreement Employment of Service Territory Residents by Project Inception Through June 30, 2009						
	<u>Number of</u> <u>Workers</u>	<u>Hours</u> <u>Worked</u>	<u>Total Wages</u>	<u>Number of</u> <u>Workers</u> <u>%</u>	<u>Hours</u> <u>Worked %</u>	<u>Total</u> <u>Wages %</u>
Alemanly Pump Station						
Outside Service Territory	125	27,448	1,121,059	48.08%	48.29%	50.70%
Suburban Service Territory	105	22,878	874,607	40.38%	40.25%	39.55%
San Francisco	30	6,518	215,607	11.54%	11.47%	9.75%
Alemanly Pump Station Total	260	56,844	2,211,273	100.00%	100.00%	100.00%
Tesla Treatment Facility						
Outside Service Territory	10	768	27,140	25.64%	25.08%	25.53%
Suburban Service Territory	29	2,293	79,169	74.36%	74.92%	74.47%
Tesla Treatment Facility Total	39	3,061	106,309	100.00%	100.00%	100.00%
Forest Knolls Pump Station						
Outside Service Territory	125	14,277	474,295	60.98%	55.30%	53.70%
Suburban Service Territory	62	7,736	273,568	30.24%	29.96%	30.97%
San Francisco	18	3,804	135,442	8.78%	14.74%	15.33%
Forest Knolls Pump Station Total	205	25,816	883,305	100.00%	100.00%	100.00%
Harry Tracy WTP - Ph. 2 and 3						
Outside Service Territory	36	11,486	376,289	50.00%	50.21%	47.17%
Suburban Service Territory	17	5,916	196,410	23.61%	25.86%	24.62%
San Francisco	19	5,474	225,096	26.39%	23.93%	28.21%
Harry Tracy WTP - Ph. 2 and 3 Total	72	22,875	797,796	100.00%	100.00%	100.00%
Standby Power Facilities						
Outside Service Territory	24	3,757	148,159	44.44%	42.22%	38.91%
Suburban Service Territory	25	4,971	227,085	46.30%	55.87%	59.65%
San Francisco	5	170	5,482	9.26%	1.91%	1.44%
Standby Power Facilities Total	54	8,898	380,727	100.00%	100.00%	100.00%
Stanford Heights Reservoir						
Outside Service Territory	131	35,964	1,163,411	54.58%	55.40%	55.30%
Suburban Service Territory	72	18,194	580,847	30.00%	28.03%	27.61%
San Francisco	37	10,753	359,457	15.42%	16.57%	17.09%
Stanford Heights Reservoir Total	240	64,910	2,103,715	100.00%	100.00%	100.00%
New Crystal Springs Bypass Tunnel						
Outside Service Territory	17	7,247	261,312	36.17%	58.86%	60.23%
Suburban Service Territory	26	4,186	141,693	55.32%	34.00%	32.66%
San Francisco	4	879	30,839	8.51%	7.14%	7.11%
New Crystal Springs Bypass Tunnel Total	47	12,311	433,844	100.00%	100.00%	100.00%
Noe Valley Transmission Main						
Outside Service Territory	14	1,225	41,940	66.67%	71.37%	72.90%
Suburban Service Territory	4	354	12,490	19.05%	20.59%	21.71%
San Francisco	3	138	3,102	14.29%	8.04%	5.39%
Noe Valley Transmission Main Total	21	1,717	57,532	100.00%	100.00%	100.00%
North University Mound System						
Outside Service Territory	39	10,493	377,820	52.00%	46.18%	42.77%
Suburban Service Territory	22	7,919	313,358	29.33%	34.85%	35.47%
San Francisco	14	4,311	192,266	18.67%	18.97%	21.76%
North University Mound System Total	75	22,722	883,444	100.00%	100.00%	100.00%
Lake Merced Pump Station						
Outside Service Territory	2	42	1,088	25.00%	14.33%	12.46%
Suburban Service Territory	4	139	4,745	50.00%	47.44%	54.34%
San Francisco	2	112	2,900	25.00%	38.23%	33.21%
Lake Merced Pump Station Total	8	293	8,732	100.00%	100.00%	100.00%
Baden and San Pedro Valve Lot						
Outside Service Territory	1	38	1,070	14.29%	44.71%	37.98%
Suburban Service Territory	5	36	1,321	71.43%	42.35%	46.88%
San Francisco	1	11	427	14.29%	12.94%	15.15%
Baden and San Pedro Valve Lot Total	7	85	2,819	100.00%	100.00%	100.00%
All Projects Total	1,028	219,530	7,869,496			

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San Francisco Public Utilities Commission WSIP - Project Labor Agreement Employment in Service Territory Counties by Project Inception Through June 30, 2009						
	<u>Number of Workers</u>	<u>Hours Worked</u>	<u>Total Wages</u>	<u>Number of Workers %</u>	<u>Hours Worked %</u>	<u>Total Wages %</u>
Alemanly Pump Station						
Alameda	22	5,347	\$ 229,277	8.46%	9.41%	10.37%
San Francisco	30	6,518	215,607	11.54%	11.47%	9.75%
San Joaquin	19	3,581	140,787	7.31%	6.30%	6.37%
San Mateo	27	8,009	305,860	10.38%	14.09%	13.83%
Santa Clara	31	5,051	165,653	11.92%	8.89%	7.49%
Stanislaus	6	890	33,030	2.31%	1.56%	1.49%
outside	125	27,448	1,121,059	48.08%	48.29%	50.70%
Alemanly Pump Station Total	260	56,844	2,211,273	100.00%	100.00%	100.00%
Tesla Treatment Facility						
Alameda	2	96	4,415	5.13%	3.14%	4.15%
San Joaquin	22	1,618	47,749	56.41%	52.87%	44.92%
Stanislaus	5	579	27,005	12.82%	18.92%	25.40%
outside	10	768	27,140	25.64%	25.08%	25.53%
Tesla Treatment Facility Total	39	3,061	106,309	100.00%	100.00%	100.00%
Forest Knolls Pump Station						
Alameda	27	2,449	83,951	13.17%	9.49%	9.50%
San Francisco	18	3,804	135,442	8.78%	14.74%	15.33%
San Joaquin	7	134	4,652	3.41%	0.52%	0.53%
San Mateo	13	4,423	162,771	6.34%	17.13%	18.43%
Santa Clara	9	409	13,331	4.39%	1.58%	1.51%
Stanislaus	6	321	8,863	2.93%	1.24%	1.00%
outside	125	14,277	474,295	60.98%	55.30%	53.70%
Forest Knolls Pump Station Total	205	25,816	883,305	100.00%	100.00%	100.00%
Harry Tracy WTP - Ph. 2 and 3						
Alameda	5	1,402	40,704	6.94%	6.13%	5.10%
San Francisco	19	5,474	225,096	26.39%	23.93%	28.21%
San Joaquin	6	3,006	101,791	8.33%	13.14%	12.76%
San Mateo	5	1,439	51,717	6.94%	6.29%	6.48%
Santa Clara	1	70	2,199	1.39%	0.30%	0.28%
outside	36	11,486	376,289	50.00%	50.21%	47.17%
Harry Tracy WTP - Ph. 2 and 3 Total	72	22,875	797,796	100.00%	100.00%	100.00%
Standby Power Facilities						
Alameda	6	547	18,887	11.11%	6.15%	4.96%
San Francisco	5	170	5,482	9.26%	1.91%	1.44%
San Joaquin	3	187	7,111	5.56%	2.10%	1.87%
San Mateo	14	4,126	198,180	25.93%	46.37%	52.05%
Santa Clara	1	95	2,676	1.85%	1.07%	0.70%
Stanislaus	1	16	231	1.85%	0.18%	0.06%
outside	24	3,757	148,159	44.44%	42.22%	38.91%
Standby Power Facilities Total	54	8,898	380,727	100.00%	100.00%	100.00%
Stanford Heights Reservoir						
Alameda	37	10,220	329,961	15.42%	15.75%	15.68%
San Francisco	37	10,753	359,457	15.42%	16.57%	17.09%
San Joaquin	4	904	26,827	1.67%	1.39%	1.28%
San Mateo	7	883	31,372	2.92%	1.36%	1.49%
Santa Clara	15	3,640	112,778	6.25%	5.61%	5.36%
Stanislaus	8	1,944	57,368	3.33%	2.99%	2.73%
Tuolumne	1	603	22,542	0.42%	0.93%	1.07%
outside	131	35,964	1,163,411	54.58%	55.40%	55.30%
Stanford Heights Reservoir Total	240	64,910	2,103,715	100.00%	100.00%	100.00%

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New Crystal Springs Bypass Tunnel						
Alameda	3	376	9,164	6.38%	3.05%	2.11%
San Francisco	4	879	30,839	8.51%	7.14%	7.11%
San Joaquin	1	112	1,952	2.13%	0.91%	0.45%
San Mateo	13	1,594	57,517	27.66%	12.95%	13.26%
Santa Clara	7	1,223	43,352	14.89%	9.93%	9.99%
Stanislaus	1	49	1,657	2.13%	0.39%	0.38%
Tuolumne	1	833	28,050	2.13%	6.76%	6.47%
outside	17	7,247	261,312	36.17%	58.86%	60.23%
New Crystal Springs Bypass Tunnel	47	12,311	433,844	100.00%	100.00%	100.00%
Noe Valley Transmission Main						
Alameda	1	9	246	4.76%	0.50%	0.43%
San Francisco	3	138	3,102	14.29%	8.04%	5.39%
San Mateo	3	345	12,244	14.29%	20.10%	21.28%
outside	14	1,225	41,940	66.67%	71.37%	72.90%
Noe Valley Transmission Main Total	21	1,717	57,532	100.00%	100.00%	100.00%
North University Mound System						
Alameda	8	3,931	135,064	10.67%	17.30%	15.29%
San Francisco	14	4,311	192,266	18.67%	18.97%	21.76%
San Joaquin	2	29	744	2.67%	0.13%	0.08%
San Mateo	12	3,959	177,550	16.00%	17.42%	20.10%
outside	39	10,493	377,820	52.00%	46.18%	42.77%
North University Mound System Total	75	22,722	883,444	100.00%	100.00%	100.00%
Lake Merced Pump Station						
San Francisco	2	112	2,900	25.00%	38.23%	33.21%
San Joaquin	1	52	1,869	12.50%	17.75%	21.41%
San Mateo	2	48	1,560	25.00%	16.38%	17.86%
Stanislaus	1	39	1,316	12.50%	13.31%	15.07%
outside	2	42	1,088	25.00%	14.33%	12.46%
Lake Merced Pump Station Total	8	293	8,732	100.00%	100.00%	100.00%
Baden and San Pedro Valve Lot						
Alameda	1	8	225	14.29%	9.41%	8.00%
San Francisco	1	11	427	14.29%	12.94%	15.15%
San Mateo	4	28	1,096	57.14%	32.94%	38.88%
outside	1	38	1,070	14.29%	44.71%	37.98%
Baden and San Pedro Valve Lot Total	7	85	2,819	100.00%	100.00%	100.00%
Grand Total	1,028	219,530	\$7,869,496			

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WSIP Craft Hour Estimate

The WSIP Craft Hour Estimate is based on estimated construction spending as of July 1, 2009. The following table summarizes the estimated \$2.4 Billion of construction spending by county for the balance of the WSIP.

San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Construction Phase Spending Forecast as of July 1, 2009 (in Thousands)								
County	2009 (Six Months)	2010	2011	2012	2013	2014	2015	Total WSIP
Alameda	\$ 8,043	\$ 182,448	\$ 278,047	\$ 290,125	\$ 222,146	\$ 129,282	\$ 36,777	\$ 1,146,869
San Francisco	33,784	46,863	51,433	89,805	76,292	2,696	-	300,873
San Joaquin	19,549	38,861	19,076	-	-	-	-	77,485
San Mateo	24,523	85,546	216,879	197,178	148,758	3,429	-	676,313
Santa Clara	2,185	5,243	5,243	5,243	1,311	-	-	19,225
Stanislaus	210	6,357	59,782	73,275	55,114	-	-	194,738
Grand Total	\$ 88,293	\$ 365,318	\$ 630,460	\$ 655,627	\$ 503,620	\$ 135,407	\$ 36,777	\$ 2,415,503

The forecast construction spending is estimated to require 10 Million craft hours in twelve areas of construction activity from July 1, 2009 through completion.

San Francisco Public Utilities Commission Water System Improvement Program Project Labor Agreement Craft Hours by Area of Activity as of June 30, 2009							
	San		San		Santa		Total
	Alameda	Francisco	Joaquin	San Mateo	Clara	Stanislaus	
Carpentry	196,464	40,116	10,331	100,033	2,563	25,965	375,473
Concrete	869,178	188,126	36,898	430,424	3,052	30,911	1,558,587
Electrical	195,770	132,079	48,257	300,776	4,907	49,700	731,488
Heavy Equipment Operation	1,095,254	459,204	23,130	441,270	20,086	203,458	2,242,400
Masonry	44,428	60,699	24,797	134,029	-	-	263,953
Mechanical	353,087	130,404	38,603	360,693	20,252	205,141	1,108,180
Painting	82,209	61,867	23,983	158,127	5,951	60,276	392,413
Roofing	22,207	30,592	12,498	67,480	-	-	132,777
Sheet Metal	24,632	30,592	12,498	67,614	-	-	135,335
Structural Steel	169,474	94,474	32,285	207,977	2,670	27,047	533,928
Trucking & Hauling	252,813	88,460	13,359	160,703	6,629	67,151	589,117
Underground Tunnel Work	1,718,682	-	-	282,324	-	-	2,001,006
	5,024,198	1,316,613	276,639	2,711,449	66,109	669,649	10,064,658

The 10 Million craft hours are expected to provide employment in six Bay Area Counties between the second half of 2009 and completion of work on the WSIP in 2015 as shown below.

San Francisco Public Utilities Commission Water System Improvement Program Project Labor Agreement Craft Hours by County and Year as of June 30, 2009								
	2009	2010	2011	2012	2013	2014	2015	Total Hours
Alameda	28,116	544,240	1,202,590	1,333,576	1,104,388	556,651	254,637	5,024,198
San Francisco	142,547	207,866	246,106	385,173	319,572	15,349	-	1,316,613
San Joaquin	69,793	138,742	68,104	-	-	-	-	276,639
San Mateo	137,102	323,207	842,900	705,449	594,145	76,361	32,286	2,711,449
Santa Clara	7,512	18,030	18,030	18,030	4,507	-	-	66,109
Stanislaus	722	21,859	205,574	251,973	189,521	-	-	669,649
Grand Total	385,793	1,253,943	2,583,304	2,694,200	2,212,133	648,361	286,922	10,064,658

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Pre-Job Conferences and Jurisdictional Disputes

Prior to the start of construction, each General Contractor is required to hold a pre-job conference with the Building Trades Council representing the unions in the county in which the work is located. These conferences are required under the WSIPLA with the intent of minimizing disputes at the jobsite. To date, all jurisdictional disputes have been resolved informally among the unions and the contractors with the exception of one mediated accord regarding installation of water transmission lines in San Francisco. The parties to the WSIPLA have worked cooperatively to avoid any delays in covered work due to disagreements among the Unions, the Contractors, and the SFPUC.

Electronic Certified Payrolls

All SFPUC construction projects including those covered by the WSIPLA now utilize Elation Systems, Inc. to file certified payroll reports electronically over the internet. Elation Systems' electronic certified payrolls recorded as of June 26, 2009, were used to produce the employment data included in this report.