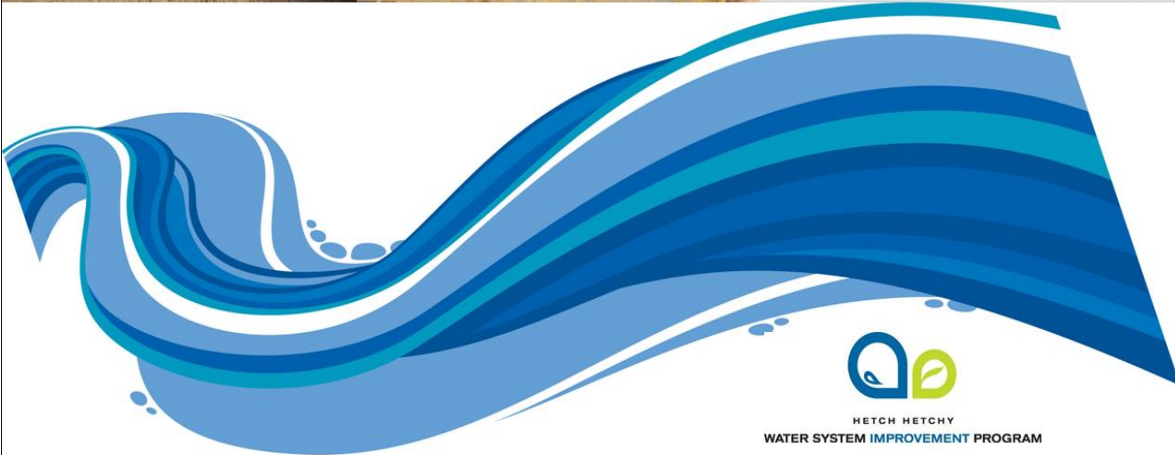
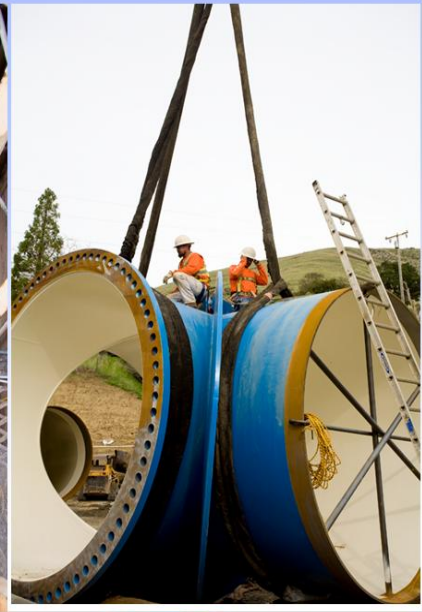


San Francisco Public Utilities Commission  
WATER SYSTEM IMPROVEMENT PROGRAM

# PROJECT LABOR AGREEMENT

Quarterly Report – Second Quarter 2010-2011



San Francisco Public Utilities Commission  
Water System Improvement Program Project Labor Agreement  
Quarterly Report – Second Quarter 2009-2010

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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 eighteen projects with a contact value of \$382.7 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.

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.

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

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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.

Summary of Construction Activity

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. Twenty-two WSIP contracts awarded subject to the WSIPLA in the amount of \$716 Million through December 31, 2009 represent 24% of the total estimated construction contracts projected to be awarded subject to the WSIPLA.

Construction Activity Highlights – Program-to-Date

Contracting:

- Twenty-two construction contracts with a value of \$715.6 Million have been awarded subject to the WSIPLA.
- The total of the range of the advertised construction cost estimates for the twenty-two contracts awarded subject to the WSIPLA was \$850.4 Million at the low end to \$947.9 Million at the high end. The \$715.6 Million awarded is 84.1% of the low end of the engineer's estimate.
- 11.1% of the \$715.6 Million awarded or \$79.3 Million was awarded to Certified LBE Contractors. Each award met or exceeded the LBE subcontracting goal established by the San Francisco Human Rights Commission.
- Three San Francisco-Certified LBE Prime Contractors were awarded \$26.6 Million, representing 4.9% of the \$549.2 Million awarded to Prime Contractors.
- 64 LBE-Certified Sub-Contractors were awarded \$52.7 Million representing 31.7% of the \$166.4 Million awarded to Sub-Contractors.
- 46 San Francisco Certified LBE sub-contractors were awarded \$33.1 Million representing 19.9% of the \$166.4 awarded to Sub-Contractors.
- 18 SFPUC-Certified Regional Sub-Contractors were awarded \$19.6 Million representing 11.8% of the \$166.4 Million awarded to Sub-Contractors.

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Employment:

- Since inception of the WSIPLA 1,713 construction workers were employed for 450,562 hours on covered projects, and earned wages of \$16,423,714.
- The construction workforce includes 222 San Francisco residents who worked 60,847 or 13.5% of covered hours and earned wages of \$2,245,451.
- The construction workforce includes 886 residents with zip codes in the Water Service Territory who worked 228,390 or 50.7% of covered hours and earned wages of \$8,380,522. The Water Service Territory consists of zip codes in San Francisco, plus zip codes in the vicinity of WSIP construction, plus zip codes within which the SFPUC delivers water.
- 1,092 residents of the seven Counties that contain a portion of the Water Service Territory worked 274,236 or 60.9% of covered hours and earned \$9,819,736.
- 1,555 pre-employment substance abuse tests had been administered under the provisions of the WSIPLA Substance Abuse Policy as of December 31, 2009.
- 35 first-source apprentices and 17 first-source journeymen worked on covered projects. The 35 first-source apprentices worked 14,544 hours and earned \$340,770 while the 17 first-source journeymen worked 2,283 hours and earned \$68,941.
- Completion of the WSIP is expected to require a total of 11,493,259 craft hours including 9,820,250 craft hours from January 1, 2010 through completion in 2015.

Construction Activity Highlights – Quarter Ended December 31, 2009

Contracting:

- Four construction contracts with a total value of \$332.9 Million were awarded subject to the WSIPLA during the Second Quarter, including the three major portions of the Bay Division Reliability Project, the Bay Tunnel and the East Bay and Peninsula Reaches of Bay Division Pipeline #5. The three contracts will construct a new, fifth Bay division pipeline consisting of 16 miles of pipeline almost entirely through the existing right of way for Pipelines 1 and 5, and a five-mile tunnel under San Francisco Bay, the first tunnel ever constructed under the Bay.
- The total awarded under the three Bay Division Pipeline Reliability Project contracts is \$329 Million or 85% of the low end of the range of the published engineer's estimates, which was \$385 Million to \$427 Million.
- During the Second Quarter three SFPUC-Certified Regional LBE contractors were awarded \$3.3 Million and two San Francisco-Certified LBE's were awarded \$5.7 Million.

Employment:

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- During the second quarter the number of construction workers who have worked on projects covered by the WSIPLA increased by 389 to a total of 1,713. During the Second Quarter individuals covered by the WSIPLA worked 124,758 hours and earned \$3,940,662.
- The number of WSIPLA-covered construction workers residing in San Francisco grew by 67 to a total of 222 individuals. San Francisco residents worked 16,304 hours and earned \$572,033 during the Second Quarter.
- The number of WSIPLA-covered construction workers residing in the Water Service Territory grew by 226 to a total of 886 individuals. Water Service Territory residents worked 68,139 hours and earned \$2,508,273 during the Second Quarter. The Water Service Territory consists of zip codes in San Francisco, plus zip codes in the vicinity of WSIP construction, plus zip codes within which the SFPUC delivers water.
- The number of WSIPLA-covered construction workers residing in a county that contains a portion of the Water Service Territory grew by 253 to a total of 1,092 individuals. Residents of one of the seven Water Service Territory Counties worked 73,104 hours and earned \$2,758,198 during the Second Quarter.
- During the Second Quarter 337 pre-employment substance abuse tests were administered under the provisions of the WSIPLA Substance Abuse Policy and 5 individuals were prevented from working.
- 19 first-source placements were made on WSIPLA covered projects during the Second Quarter consisting of 13 apprentices and 6 journeymen. During the Second Quarter workers placed by the First-Source program worked 5,575 hours and earned \$138,986.

Summary of Contracts Awarded:

As of its meeting on December 18, 2009, the SFPUC had awarded twenty-two construction contracts in the amount of \$715.6 Million subject to the WSIPLA. The total of the ranges of the advertised engineer's estimates for these contracts was \$850.4 Million at the low end to \$947.9 Million at the high end. The \$715.6 Million awarded is 84.1% of the low end of the engineer's estimate.

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San Francisco Public Utilities Commission Contracts Awarded Subject to the WSIPLA through Dec. 31, 2009				
<u>Contract No.</u>	<u>Prime Contractor</u>	<u>Project</u>	<u>Engineer's Estimate</u>	<u>Award</u>
WD-2504	S.J. Amoroso Construction Co. Inc.	Stanford Heights Reservoir Seismic Retrofit and Improvement	\$18 to \$24 Million	\$ 17,899,960
WD-2511	Power Engineering Contractors, Inc.	Standby Power Facilities, Various Locations	\$5.7 Million	8,419,000
WD-2501	Monterey Mechanical Co.	Alemany Pump Station	\$18 to \$22 Million	23,269,000
WD-2469	Cal State Constructors, Inc.	Forest Knolls Pump Station and Storage Tank Upgrade	\$5.5 to \$7 Million	6,547,000
WD-2564	NTK Construction, Inc.	Harry Tracy Water Treatment Plant-Short Term Improvements- Phases 2 and 3	\$15 to \$18 Million	13,824,000
WD-2543	Shaw Pipeline Inc.	North University Mound System Upgrade, Water Main Installation, Sewer Replacement and Pavement Renovation	\$15 to \$18 Million	13,529,370
DB-116	PCL Civil Constructors Inc.	Tesla Treatment Facility, a Design-Build Agreement (DBA)	\$90 Million	81,420,562
WD-2498	Shank/Balfour Beatty, J.V.	New Crystal Springs Bypass Tunnel	\$55 to \$65 Million	55,674,000
WD-2529	KJ Woods Construction Inc.	Noe Valley Transmission Main- Phase 2	\$6 to \$8 Million	5,724,000
WD-2556	JMB Construction, Inc	Baden and San Pedro Valve Lot Improvements	\$15 to \$18 Million	11,536,500
WD-2548	Western Water Constructors	Lake Merced Pump Station Essential Upgrades	\$52 to \$60 Million	31,584,000
WD-2568	Shimmick Construction	BDPL Nos. 3&4 Crossover Facilities	\$21.5 Million	12,695,000
WD-2552	Steve P. Rados	Alameda Siphon No. 4 Project	\$45.5 Million	31,933,695
WD-2513	Mountain Cascade	San Andreas Pipeline No.3 Installation Project	\$20 to \$25 Million	16,336,350
WD-2539	S.J. Amoroso Construction Co	University Mound Reservoir North Basin Seismic Upgrades	\$47 to \$52 Million	29,597,000
HH-914R	Mountain Cascade	Roselle Crossover Improvements	\$3.1 Million	2,837,000
WD-2566	Mountain Cascade	San Antonio Pump Station Upgrades Project	\$8.5 to \$9.5 Million	6,991,000
WD-2573	S.J.Amoroso Construction Co., Inc	Pulgas Balancing Reservoir Structural Rehabilitation and Roof Replacement	\$14 to \$18 Million	12,857,000
Wd-2541	Ranger Pipelines Inc	Bay Division Pipeline Reliability Upgrade- Pipeline #5 (East Bay)	\$88 to \$98 Million	61,558,005
WD-2589	Ranger Pipelines Inc	Supervisory Control and Data Acquisition (SCADA) System Phase II	\$10.6 Million	3,847,250
WD-2542	Mountain Cascade, Inc	Bay Division Pipeline No. 5 - Peninsula Reaches	\$62 to \$69 Million	52,183,400
WD-2531	Michels/JayDee/Coluccio, Joint	Bay Division Pipelines Reliability Upgrade – Bay Tunnel	\$235 to \$260 Million	215,294,530
		Total Twenty-Two Projects	\$850.4 to \$947.9	\$ 715,557,622

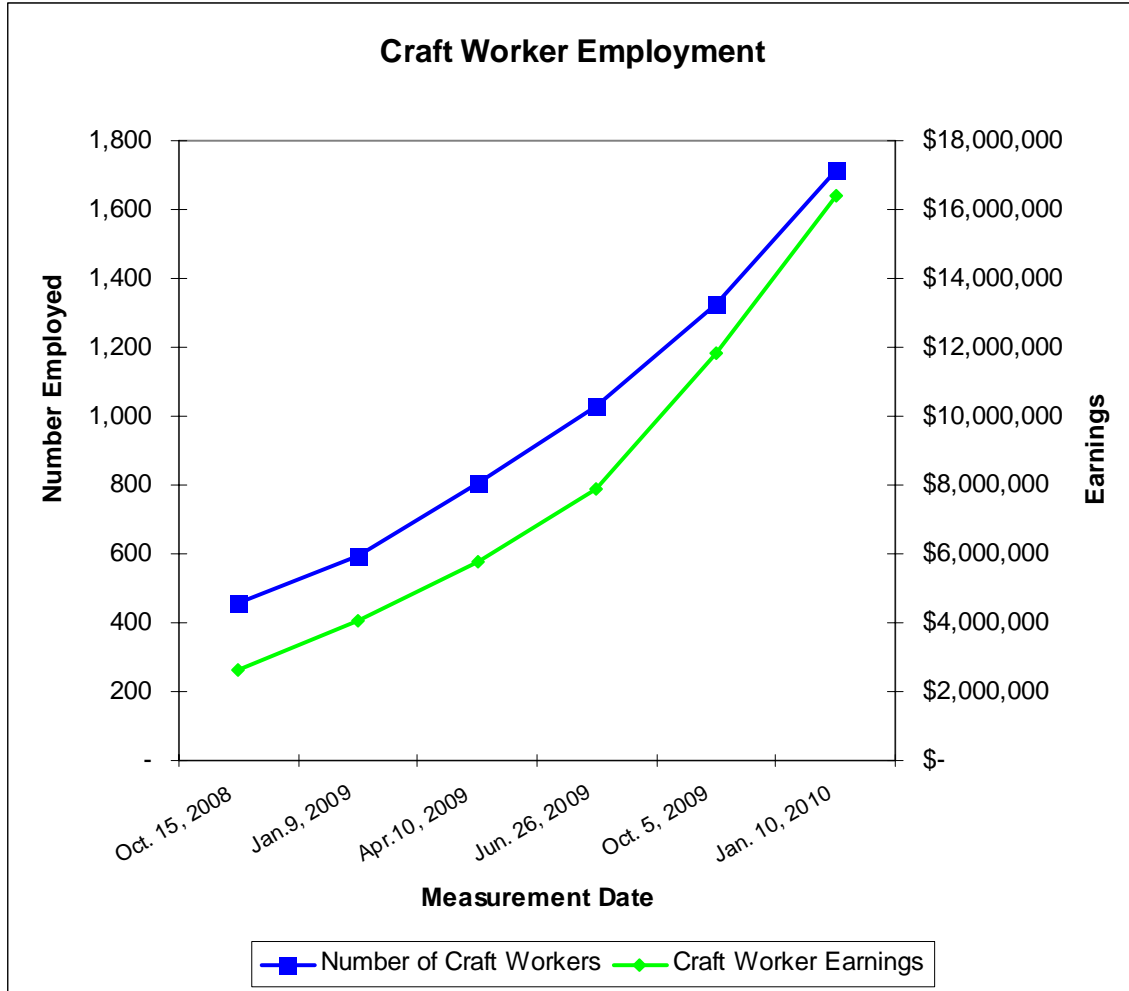
The San Francisco Human Rights Commission's LBE subcontracting goals were met or exceeded for each contract awarded. The following table summarizes awards to LBE subcontractors.

LBE Participation in Twenty-Two Contracts Awarded Subject to the WSIPLA as of December 31, 2009			
	<u>Number of Contractors</u>	<u>Award</u>	<u>Percent of Total Awarded</u>
<b>Prime Contractors</b>			
San Francisco Certified	3	\$ 26,641,087	3.72%
Not Certified	13	522,541,816	73.03%
<b>Sub Contractors</b>			
PUC Certified	18	19,627,405	2.74%
San Francisco Certified	46	33,075,673	4.62%
Not Certified	74	113,671,641	15.89%
	154	\$ 715,557,622	100.00%

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Program-Wide Craft Worker Employment

The following chart and table summarize craft worker employment under the WSIPLA for five quarterly measurement dates through January 8, 2010. The employment summaries represent electronic certified payrolls recorded in Elation Systems at the measurement date. As of January 8, 2010, 1713 craft workers in 18 crafts had been employed on WSIPLA covered projects for 450,562 hours and earned \$16,423,714.





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San Francisco Public Utilities Commission Water System Improvement Program - Project Labor Agreement Report of Activities for the Quarter Ended Dec.31, 2009 Employment Summary - All Projects Includes Electronic Certified Payrolls Recorded Through January 8, 2010						
Number of Craft Workers	Jan. 10, 2010	Oct. 5, 2009	Jun. 26, 2009	Apr.10, 2009	Jan.9, 2009	Oct. 15, 2008
ASBESTOS WORKER	13	13	4	4	3	3
BOILERMAKER	7	1				
BRICKLAYER	10	10	9	8	7	7
CARPENTER	140	110	102	93	77	66
CEMENT MASON	70	46	32	31	26	22
ELECTRICIAN	115	95	66	58	41	37
FIELD SURVEYOR	24	21	15	15	15	12
GLAZIER	6	3				
IRON WORKER	210	187	159	147	113	94
LABORER	593	457	349	260	212	154
OPERATING ENGINEER	274	196	143	86	61	44
PAINTER	47	47	32	23	7	1
PILE DRIVER	8	5	5	4	4	4
PLUMBER	36	33	25	23	16	8
ROOFER	53	53	52	36	9	8
SHEET METAL WORKER	15	4	4	4	4	
TEAMSTER	70	25	14	6	2	
TUNNEL WORKER	22	18	17	6		
	1,713	1,324	1,028	804	597	460
Craft Worker Earnings						
ASBESTOS WORKER	\$ 4,199	\$ 4,199	\$ 1,734	\$ 1,734	\$ 1,320	\$ 1,320
BOILERMAKER	39,954	3,588				
BRICKLAYER	42,066	42,066	39,924	17,632	14,983	12,617
CARPENTER	2,796,179	2,169,674	1,837,289	1,622,300	1,318,154	929,649
CEMENT MASON	203,975	144,138	85,770	80,854	65,918	32,603
ELECTRICIAN	1,834,655	1,536,709	1,057,383	818,285	565,572	263,267
FIELD SURVEYOR	32,143	24,730	9,858	10,340	9,129	15,159
GLAZIER	5,035	2,148				
IRON WORKER	725,707	548,006	481,881	438,331	318,645	201,219
LABORER	5,169,599	3,686,944	2,352,317	1,770,472	1,275,472	871,291
OPERATING ENGINEER	2,986,900	1,823,457	945,802	515,731	276,125	187,750
PAINTER	150,758	137,979	76,596	55,068	19,353	12,026
PILE DRIVER	223,067	204,327	171,565	141,501	108,151	70,536
PLUMBER	417,259	387,736	259,803	135,280	39,192	14,457
ROOFER	99,453	97,734	92,495	44,506	19,471	19,240
SHEET METAL WORKER	50,071	7,497	7,497	7,186	5,594	
TEAMSTER	720,067	537,223	254,196	78,721	6,399	
TUNNEL WORKER	922,629	452,003	195,386	51,786		
	\$ 16,423,714	\$ 11,810,158	\$ 7,869,496	\$ 5,789,726	\$ 4,043,478	\$ 2,631,133
Craft Hours Worked						
ASBESTOS WORKER	156	156	56	56	48	48
BOILERMAKER	516	26				
BRICKLAYER	1,221	1,221	1,165	509	434	322
CARPENTER	72,584	57,224	49,147	43,584	35,668	25,409
CEMENT MASON	5,892	4,155	2,488	2,340	1,900	917
ELECTRICIAN	35,132	28,885	19,965	15,529	10,866	4,968
FIELD SURVEYOR	679	498	210	220	195	164
GLAZIER	107	54				
IRON WORKER	23,236	18,124	16,179	14,778	10,806	6,756
LABORER	176,210	127,098	81,092	61,141	44,135	28,370
OPERATING ENGINEER	77,993	48,710	25,534	13,997	7,871	5,288
PAINTER	3,929	3,574	2,036	1,470	507	307
PILE DRIVER	4,558	4,128	3,528	2,866	2,227	1,452
PLUMBER	8,376	7,792	5,264	2,820	769	274
ROOFER	3,434	3,368	3,167	1,561	689	666
SHEET METAL WORKER	867	150	150	144	112	
TEAMSTER	11,370	7,812	3,833	1,323	70	
TUNNEL WORKER	24,306	12,833	5,720	1,507		
	450,562	325,804	219,530	163,842	116,295	74,940

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Program-Wide Local Hire of Construction Workers

The SFPUC requires its contractors to file their State of California Department of Industrial Relations mandated certified payroll reports electronically over the internet with a system developed by Elation Systems, Inc. The electronic certified payrolls enable tracking of workforce attributes by the residence zip code for each worker. Electric certified payrolls recorded in Elation Systems as of January 8, 2010 were used to produce the payroll data included in this report.

The following table summarizes employment on WSIPLA covered projects through December 31, 2009 by the employee's county of residence.

San Francisco Public Utilities Commission WSIP - Project Labor Agreement Covered Employment by County of Residence Inception Through Dec. 31, 2009						
	Number of			Number of	Hours Worked	Total Wages
	Workers	Hours Worked	Total Wages	Workers %	%	%
Alameda	380	91,166	\$ 3,075,145	22.18%	20.23%	18.72%
Contra Costa	254	84,775	3,084,374	14.83%	18.82%	18.78%
San Francisco	222	60,847	2,245,451	12.96%	13.50%	13.67%
San Mateo	163	52,475	2,151,677	9.52%	11.65%	13.10%
San Joaquin	149	34,455	1,119,698	8.70%	7.65%	6.82%
Santa Clara	125	20,984	708,099	7.30%	4.66%	4.31%
Solano	82	8,650	286,560	4.79%	1.92%	1.74%
Sonoma	51	14,397	540,983	2.98%	3.20%	3.29%
Sacramento	50	12,670	520,773	2.92%	2.81%	3.17%
Stanislaus	50	11,463	419,955	2.92%	2.54%	2.56%
Out of State	25	10,718	478,905	1.46%	2.38%	2.92%
Calaveras	13	8,286	327,881	0.76%	1.84%	2.00%
Napa	13	1,386	48,702	0.76%	0.31%	0.30%
Butte	11	4,998	175,027	0.64%	1.11%	1.07%
Los Angeles	10	426	17,146	0.58%	0.09%	0.10%
San Benito	10	2,683	83,832	0.58%	0.60%	0.51%
San Bernardino	10	2,925	120,176	0.58%	0.65%	0.73%
Fresno	9	4,898	156,608	0.53%	1.09%	0.95%
Marin	9	1,427	63,963	0.53%	0.32%	0.39%
Monterey	9	2,776	86,733	0.53%	0.62%	0.53%
Placer	9	2,258	81,543	0.53%	0.50%	0.50%
Kern	7	1,593	74,988	0.41%	0.35%	0.46%
Madera	7	2,313	86,104	0.41%	0.51%	0.52%
Yolo	7	710	23,304	0.41%	0.16%	0.14%
Merced	5	1,552	47,566	0.29%	0.34%	0.29%
Yuba	5	557	17,393	0.29%	0.12%	0.11%
El Dorado	4	135	5,086	0.23%	0.03%	0.03%
Riverside	4	455	18,476	0.23%	0.10%	0.11%
Orange	3	1,155	68,470	0.18%	0.26%	0.42%
Santa Cruz	3	936	32,214	0.18%	0.21%	0.20%
Sutter	3	215	8,004	0.18%	0.05%	0.05%
Tuolumne	3	2,848	99,710	0.18%	0.63%	0.61%
Shasta	2	2,211	82,456	0.12%	0.49%	0.50%
Amador	1	105	4,561	0.06%	0.02%	0.03%
Kings	1	49	2,266	0.06%	0.01%	0.01%
Lake	1	12	385	0.06%	0.00%	0.00%
Mendocino	1	8	225	0.06%	0.00%	0.00%
Oregon	1	1,014	57,766	0.06%	0.22%	0.35%
Siskiyou	1	40	1,507	0.06%	0.01%	0.01%
	1,713	450,562	\$ 16,423,714	100%	100%	100%

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In addition to employment by county, the SFPUC summarizes employment in its Water Service Territory both by workers residence in the Water Service Territory and residence in a County that includes some portion of the Water Service Territory. The Water Service Territory consists of zip codes in San Francisco, plus zip codes in the vicinity of WSIP construction, plus zip codes within which the SFPUC delivers water. The service territory contains portions of the seven counties shown below.

San Francisco Public Utilities Commission WSIP - Project Labor Agreement Employment of Residents of Water Service Territory Inception Through Dec. 31, 2009						
	<u>Number of</u>			<u>Number of</u> <u>Workers %</u>	<u>Hours Worked</u> <u>%</u>	<u>Total Wages</u> <u>%</u>
	<u>Workers</u>	<u>Hours Worked</u>	<u>Total Wages</u>			
San Francisco Residents	222	60,847	\$ 2,245,451	12.96%	13.50%	13.67%
Suburban Service Territory Residents	664	167,544	6,135,071	38.76%	37.19%	37.35%
Reside Outside Service Territory	827	222,172	8,043,192	48.28%	49.31%	48.97%
<b>Total Employment</b>	<b>1,713</b>	<b>450,562</b>	<b>\$ 16,423,714</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

San Francisco Public Utilities Commission WSIP - Project Labor Agreement Employment of Residents of Water Service Territory by County Inception Through Dec. 31, 2009						
	<u>Number of</u>			<u>Number of</u> <u>Workers %</u>	<u>Hours Worked</u> <u>%</u>	<u>Total Wages</u> <u>%</u>
	<u>Workers</u>	<u>Hours Worked</u>	<u>Total Wages</u>			
Alameda	186	46,112	\$ 1,661,157	10.86%	10.23%	10.11%
San Francisco	222	60,847	2,245,451	12.96%	13.50%	13.67%
San Mateo	163	52,475	2,151,677	9.52%	11.65%	13.10%
San Joaquin	149	34,984	1,139,036	8.70%	7.76%	6.94%
Santa Clara	113	19,663	663,536	6.60%	4.36%	4.04%
Stanislaus	50	11,463	419,955	2.92%	2.54%	2.56%
Tuolumne	3	2,848	99,710	0.18%	0.63%	0.61%
Subtotal in Water Service Counties	886	228,390	8,380,522	51.72%	50.69%	51.03%
Others	827	222,172	8,043,192	48.28%	49.31%	48.97%
<b>Total</b>	<b>1,713</b>	<b>450,562</b>	<b>\$ 16,423,714</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

San Francisco Public Utilities Commission WSIP - Project Labor Agreement Employment of Residents of Counties that Include a Portion of the Water Service Territory Inception Through Dec. 31, 2009						
	<u>Number of</u>			<u>Number of</u> <u>Workers %</u>	<u>Hours Worked</u> <u>%</u>	<u>Total Wages</u> <u>%</u>
	<u>Workers</u>	<u>Hours Worked</u>	<u>Total Wages</u>			
Alameda	380	91,166	\$ 3,075,145	22.18%	20.23%	18.72%
San Francisco	222	60,847	2,245,451	12.96%	13.50%	13.67%
San Mateo	163	52,475	2,151,677	9.52%	11.65%	13.10%
San Joaquin	149	34,455	1,119,698	8.70%	7.65%	6.82%
Santa Clara	125	20,984	708,099	7.30%	4.66%	4.31%
Stanislaus	50	11,463	419,955	2.92%	2.54%	2.56%
Tuolumne	3	2,848	99,710	0.18%	0.63%	0.61%
Subtotal in Water Service Counties	1,092	274,236	9,819,736	63.75%	60.87%	59.79%
Others	621	176,326	6,603,978	36.25%	39.13%	40.21%
<b>Total</b>	<b>1,713</b>	<b>450,562</b>	<b>16,423,714</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

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Apprentice Utilization

The WSIPLA encourages participating contractors to employ apprentices in the ratios specified by the State of California, Division of Apprenticeship Standards. The standard apprentice utilization rate is 20% of craft hours calculated at the end of the job for each apprenticeable trade. The principal non-apprenticeable trades expected to be employed subject to the WSIPLA are Teamsters and Tunnel Workers.

Report of Activities for the Quarter Ended Dec. 31, 2009									
Apprentice Employment by Craft									
Includes Electronic Certified Payrolls Recorded Through Jan. 8, 2010									
Project	All Craft Workers			Apprentices			Apprentice Utilization %		
	Workers	Hours	Wages	Workers	Hours	Wages	Workers	Hours	Wages
ASBESTOS WORKER	13	156	\$ 4,199	-	-	-	0.00%	0.00%	0.00%
BOILERMAKER	7	516	39,954	-	-	-	0.00%	0.00%	0.00%
BRICKLAYER, BLOCKLAYER	10	1,221	42,066	4	411	\$ 10,521	40.00%	33.67%	25.01%
CARPENTER	140	72,584	2,796,179	22	9,822	283,211	15.71%	13.53%	10.13%
CEMENT MASON	70	5,892	203,975	5	272	7,793	7.14%	4.61%	3.82%
ELECTRICIAN	115	35,132	1,834,655	31	5,904	174,223	26.96%	16.80%	9.50%
FIELD SURVEYOR	24	679	32,143	2	9	263	8.33%	1.33%	0.82%
GLAZIER	6	107	5,035	-	-	-	0.00%	0.00%	0.00%
IRON WORKER	210	23,236	725,707	56	6,758	151,434	26.67%	29.08%	20.87%
LABORER	593	176,210	5,169,599	26	11,973	246,841	4.38%	6.79%	4.77%
OPERATING ENGINEER	274	77,993	2,986,900	17	8,031	189,995	6.20%	10.30%	6.36%
PAINTER	47	3,929	150,758	8	282	7,982	17.02%	7.18%	5.29%
PILE DRIVER	8	4,558	223,067	4	326	9,429	50.00%	7.15%	4.23%
PLUMBER	36	8,376	417,259	6	1,535	46,849	16.67%	18.32%	11.23%
ROOFER	53	3,434	99,453	15	1,184	23,356	28.30%	34.48%	23.48%
SHEET METAL WORKER	15	867	50,071	-	-	-	0.00%	0.00%	0.00%
Subtotal Apprenticeable Crafts	1,621	414,886	14,781,018	196	46,505	1,151,896	12.09%	11.21%	7.79%
TEAMSTER	70	11,370	720,067	-	-	-	0.00%	0.00%	0.00%
TUNNEL WORKER	22	24,306	922,629	-	-	-	0.00%	0.00%	0.00%
Total all Crafts	1,713	450,562	\$ 16,423,714	196	46,505	\$ 1,151,896	11.44%	10.32%	7.01%

Report of Activities for the Quarter Ended Dec. 31, 2009									
Apprentice Employment by Project - Apprenticeable Trades									
Includes Electronic Certified Payrolls Recorded Through Jan. 8, 2010									
Project	All Craft Workers			Apprentices			Apprentice Utilization %		
	Workers	Hours	Wages	Workers	Hours	Wages	Workers	Hours	Wages
Aleman Pump Station	382	73,197	\$ 2,926,513	48	7,591	\$ 206,502	12.57%	10.37%	7.06%
DB-116 Tesla Treatment Facility	151	35,305	1,211,795	15	4,300	87,099	9.93%	12.18%	7.19%
Forest Knolls Pump Station	224	26,903	923,471	28	2,907	67,511	12.50%	10.81%	7.31%
Harry Tracy Short Term Improvements	140	40,815	1,425,673	10	2,089	50,525	7.14%	5.12%	3.54%
Standby Power Facilities	59	10,430	457,791	11	626	15,558	18.64%	6.00%	3.40%
Stanford Heights Reservoir	292	74,015	2,412,756	45	9,891	262,157	15.41%	13.36%	10.87%
WD-2498 New Crystal Springs Tunnel	56	24,760	871,953	12	7,960	194,713	21.43%	32.15%	22.33%
WD-2513 San Andreas Pipeline No.3	61	12,955	424,072	4	968	21,063	6.56%	7.47%	4.97%
WD-2529 Noe Valley Transmission Main	63	17,700	638,269	3	1,133	21,770	4.76%	6.40%	3.41%
WD-2539 University Mound Reservoir	133	27,157	989,075	16	3,130	87,467	12.03%	11.52%	8.84%
WD-2543 North University Mound System	91	38,904	1,274,594	5	2,875	61,287	5.49%	7.39%	4.81%
WD-2548 Lake Merced Pump Station	81	10,370	391,095	5	941	25,958	6.17%	9.07%	6.64%
WD-2552 - Alameda Siphon No. 4	77	11,368	428,875	7	1,173	28,814	9.09%	10.32%	6.72%
WD-2556 Baden San Pedro Valve Lot	57	8,055	301,238	5	790	17,210	8.77%	9.81%	5.71%
WD-2568 - BDPL Nos. 3&4 Crossover	32	2,953	103,848	3	134	4,264	9.38%	4.54%	4.11%
Subtotal Apprenticeable Crafts	1,899	414,886	\$ 14,781,018	217	46,505	\$ 1,151,896	11.43%	11.21%	7.79%
Non-Apprenticeable Crafts	93	35,676	1,642,696	-	-	-	-	-	-
Total All Crafts	1,992	450,562	\$ 16,423,714	217	46,505	\$ 1,151,896	10.89%	10.32%	7.01%

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First-Source Employment of Disadvantaged Residents

As of December 31, 2009, fifty-two placements of forty-six disadvantaged workers had been made on covered projects, including thirty-eight graduates of local providers of pre-apprenticeship training. The following tables summarize the first-source employment by training program, project, craft, apprentice or journeyman status, and residence.

Report of Activities for the Quarter Ended Dec. 31, 2009 First Source Employment by Provider of Pre-Apprenticeship Training Includes Electronic Certified Payrolls Recorded Through Jan. 8, 2010	
<u>Training Program</u>	<u>Individuals Placed</u>
CityBuild	32
Job Train	5
Northern California Construction and Training Inc.	1
Total Placed from Training Programs	38
Placed by the SFPUC First Source Hiring Program	8
Total First Source Placements	46

Report of Activities for the Quarter Ended Dec. 31, 2009 First Source Employment by Craft Includes Electronic Certified Payrolls Recorded Through Jan. 8, 2010				
	<u>Apprentices</u>	<u>Workers</u>	<u>Hours</u>	<u>Wages</u>
CARPENTER	10		3,358	88,233
CEMENT MASON	1		228	6,770
ELECTRICIAN	2		1,048	29,554
IRON WORKER	3		85	2,000
LABORER	14		7,238	143,982
OPERATING ENGINEER	4		1,692	39,225
PLUMBER	1		897	31,005
Total Apprentices	35		14,544	\$ 340,770
<u>Journeymen</u>				
CARPENTER	1		239	9,597
LABORER	13		1,806	48,643
OPERATING ENGINEER	1		93	3,392
PLUMBER	2		146	7,310
Total Journeymen	17		2,283	68,941
<u>Total Employed</u>				
CARPENTER	11		3,596	97,831
CEMENT MASON	1		228	6,770
ELECTRICIAN	2		1,048	29,554
IRON WORKER	3		85	2,000
LABORER	27		9,043	192,625
OPERATING ENGINEER	5		1,785	42,617
PLUMBER	3		1,043	38,315
Total Employment	52		16,827	\$ 409,711

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Report of Activities for the Quarter Ended Dec. 31, 2009			
First Source Employment by Project			
Includes Electronic Certified Payrolls Recorded Through Jan. 8, 2010			
<u>First Source Employment</u>	<u>Workers</u>	<u>Hours</u>	<u>Wages</u>
Alemanya Pump Station Total	9	3,054	\$ 87,537
DB-116 Tesla Treatment Facility Total	1	1,121	20,168
Forest Knolls Pump Station and Storage Tank Upgrade Total	3	791	19,359
Harry Tracy Water Treatment Plant-Short Term Improvements- Phases 2 & 3	4	1,479	36,993
Stanford Heights Reservoir Seismic Retrofit and Improvement Total	9	2,232	54,000
WD-2513 San Andreas Pipeline No.3 Installation Project Total	2	833	18,115
WD-2529 Noe Valley Transmission Main - Phase II Total	2	981	19,099
WD-2539 University Mound Reservoir North Basin Seismic Upgrades Total	8	1,744	48,856
WD-2543 North University Mound System Upgrade Total	5	2,561	56,533
WD-2548 Lake Merced Pump Station Essential Upgrade Total	6	739	21,309
WD-2552 - Alameda Siphon No. 4 Project Total	2	811	16,971
WD-2556 Baden and San Pedro Valve Lot Improvements Total	1	483	10,770
Total First Source Employment	52	16,827	\$ 409,711
<u>Total Employment</u>			
Alemanya Pump Station	382	73,197	\$ 2,926,513
DB-116 Tesla Treatment Facility	156	35,721	1,224,335
Forest Knolls Pump Station and Storage Tank Upgrade	225	26,919	924,183
Harry Tracy Water Treatment Plant-Short Term Improvements- Phases 2 & 3	140	40,815	1,425,673
Standby Power Facilities, Various Locations	59	10,430	457,791
Stanford Heights Reservoir Seismic Retrofit and Improvement	292	74,015	2,412,756
WD-2498 New Crystal springs Bypass (Polhemus) Tunnel	78	49,066	1,794,581
WD-2513 San Andreas Pipeline No.3 Installation Project	89	15,100	532,136
WD-2529 Noe Valley Transmission Main - Phase II	70	19,268	773,997
WD-2539 University Mound Reservoir North Basin Seismic Upgrades	148	27,474	1,009,273
WD-2543 North University Mound System Upgrade	100	44,911	1,689,656
WD-2548 Lake Merced Pump Station Essential Upgrade	81	10,370	391,095
WD-2552 - Alameda Siphon No. 4 Project	82	12,006	448,734
WD-2556 Baden and San Pedro Valve Lot Improvements	58	8,319	309,143
WD-2568 - BDPL Nos. 3&4 Crossover Facilities	32	2,953	103,848
Total Employment	1,992	450,562	\$ 16,423,714
<u>Percent First Source Employment</u>			
Alemanya Pump Station	2.36%	4.17%	2.99%
DB-116 Tesla Treatment Facility	0.64%	3.14%	1.65%
Forest Knolls Pump Station and Storage Tank Upgrade	1.33%	2.94%	2.09%
Harry Tracy Water Treatment Plant-Short Term Improvements- Phases 2 & 3	2.86%	3.62%	2.59%
Standby Power Facilities, Various Locations	0.00%	0.00%	0.00%
Stanford Heights Reservoir Seismic Retrofit and Improvement	3.08%	3.02%	2.24%
WD-2498 New Crystal springs Bypass (Polhemus) Tunnel	0.00%	0.00%	0.00%
WD-2513 San Andreas Pipeline No.3 Installation Project	2.25%	5.52%	3.40%
WD-2529 Noe Valley Transmission Main - Phase II	2.86%	5.09%	2.47%
WD-2539 University Mound Reservoir North Basin Seismic Upgrades	5.41%	6.35%	4.84%
WD-2543 North University Mound System Upgrade	5.00%	5.70%	3.35%
WD-2548 Lake Merced Pump Station Essential Upgrade	7.41%	7.13%	5.45%
WD-2552 - Alameda Siphon No. 4 Project	2.44%	6.76%	3.78%
WD-2556 Baden and San Pedro Valve Lot Improvements	1.72%	5.81%	3.48%
WD-2568 - BDPL Nos. 3&4 Crossover Facilities	0.00%	0.00%	0.00%
Percent First Source Employment All Projects	2.61%	3.73%	2.49%

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Report of Activities for the Quarter Ended Dec. 31, 2009 First Source Employment by County of Residence Includes Electronic Certified Payrolls Recorded Through Jan. 8, 2010				
	<u>Apprentices</u>	<u>Workers</u>	<u>Hours</u>	<u>Wages</u>
Alameda		4	1,082	26,391
Contra Costa		2	747	17,307
San Francisco		25	9,751	232,300
San Joaquin		1	1,121	20,168
San Mateo		1	1,329	33,110
Santa Clara		1	483	10,770
Solano		1	32	723
	Total Apprentices	35	14,544	\$ 340,770
	<u>Journeyman</u>			
Alameda		1	56	1,450
San Francisco		14	2,083	63,763
San Mateo		2	144	3,728
	Total Employment	17	2,283	68,941
	<u>Total Employed</u>			
Alameda		5	1,138	27,841
Contra Costa		2	747	17,307
San Francisco		39	11,834	296,064
San Joaquin		1	1,121	20,168
San Mateo		3	1,473	36,838
Santa Clara		1	483	10,770
Solano		1	32	723
	Percent First Source Employment All Projects	52	16,827	\$ 409,711

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 December 31, 2009, 1,528 people had been cleared to work and 27 had 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 December 31, 2009.

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San Francisco Public Utilities Commission WSIP - Project Labor Agreement Substance Abuse Testing Summary Tests Administered Through Dec. 31, 2009	
<u>Individuals Cleared to Work</u>	
Alameda Siphon #4	69
Alemany Pump Station Upgrade	374
Baden & San Pedro Valve Lot Improvements	42
Bay Division 3 & 4 Crossover Facilities	30
Forest Knolls Pump Station Project	115
Harry Tracy Water Treatment Project	93
Lake Merced Pump Station	99
New Crystal Springs Bypass Tunnel	92
Noe Valley Transmission Main Phase II	27
North University Mound System Upgrade	54
San Andreas Pipeline #3	69
San Antonio Pump Station Upgrade	3
Standby Power	30
Stanford Heights Reservoir Project	198
Tesla Treatment Facility Project	111
University Mound Reservoir North Basin Seismic	122
	1,528
<u>Individuals Eligible to Re-Test</u>	
Alcohol	1
Amphetamine/Dilute	1
Amphetamines	5
Cocaine	3
Marijuana	13
Refused	4
Grand Total	27
<u>Percent Positive</u>	
Alcohol	0.06%
Amphetamines	0.06%
Cocaine	0.32%
Dilute - Amphetamines	0.19%
Marijuana	0.84%
Refused	0.26%
	1.74%

Project Level Local Hire of Construction Workers

The Elation Systems, Inc. electronic certified payrolls allow for summarization of craft worker employment results for individual WSIP projects utilizing the same zip-code based Water Service Territory that is used earlier in this report to summarize employment at the program level. The sum of the employee counts for the individual projects in construction as of December 31, 2009 is 1,992, 279 more than the 1,713 employed on all projects combined because employees who worked on more than one project are counted once on each project. The first table on the following page summarizes employment by



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project of SFPUC Water Service Territory residents based on their residence in a zip code that is either in the WSIP construction impact area or receives water from the Hetch Hetchy Water System. Hetch Hetchy water is delivered in San Francisco and in portions of Alameda, San Mateo, and Santa Clara counties. The second table summarizes employment of residents of one of the seven counties that include a portion of the Water Service Territory.

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Report of Activities for the Quarter Ended Dec. 31, 2009						
Employment of Residents the Water Service and Construction Impact Areas by Project						
Includes Electronic Certified Payrolls Recorded Through Jan. 8, 2010						
	<u>Number</u>		<u>Number</u>		<u>Total</u>	
	<u>of</u>	<u>Hours</u>	<u>Workers</u>	<u>Hours</u>	<u>Wages</u>	<u>%</u>
	<u>Workers</u>	<u>Worked</u>	<u>Total Wages</u>	<u>%</u>	<u>Worked %</u>	<u>%</u>
<b><u>Non-Resident Employment</u></b>						
Alemanya Pump Station	178	36,533	\$ 1,530,614	8.94%	8.11%	9.32%
DB-116 Tesla Treatment Facility	51	11,361	397,290	2.56%	2.52%	2.42%
Forest Knolls Pump Station	138	14,932	500,114	6.93%	3.31%	3.05%
Harry Tracy Short Term Improvements	80	21,904	717,045	4.02%	4.86%	4.37%
Standby Power Facilities	25	4,381	179,525	1.26%	0.97%	1.09%
Stanford Heights Reservoir	159	42,810	1,395,800	7.98%	9.50%	8.50%
WD-2498 New Crystal Springs Tunnel	32	24,382	929,974	1.61%	5.41%	5.66%
WD-2513 San Andreas Pipeline No.3	50	9,196	303,064	2.51%	2.04%	1.85%
WD-2529 Noe Valley Transmission	35	9,499	334,467	1.76%	2.11%	2.04%
WD-2539 University Mound Reservoir	68	14,979	580,063	3.41%	3.32%	3.53%
WD-2543 N. University Mound System	51	20,646	732,875	2.56%	4.58%	4.46%
WD-2548 Lake Merced Pump Station	43	4,728	188,862	2.16%	1.05%	1.15%
WD-2552 - Alameda Siphon No. 4	44	6,473	239,806	2.21%	1.44%	1.46%
WD-2556 Baden San Pedro Valve Lot	15	324	12,731	0.75%	0.07%	0.08%
WD-2568 - BDPL Nos. 3&4 Crossover	3	25	962	0.15%	0.01%	0.01%
<b>Total Non-Resident</b>	<b>972</b>	<b>222,172</b>	<b>8,043,192</b>	<b>48.80%</b>	<b>49.31%</b>	<b>48.97%</b>
<b><u>Service Territory Residents</u></b>						
Alemanya Pump Station	158	28,753	1,110,812	7.93%	6.38%	6.76%
DB-116 Tesla Treatment Facility	103	23,715	808,061	5.17%	5.26%	4.92%
Forest Knolls Pump Station	66	8,143	287,269	3.31%	1.81%	1.75%
Harry Tracy Short Term Improvements	36	11,904	410,950	1.81%	2.64%	2.50%
Standby Power Facilities	29	5,867	272,508	1.46%	1.30%	1.66%
Stanford Heights Reservoir	95	20,086	644,884	4.77%	4.46%	3.93%
WD-2498 New Crystal Springs Tunnel	42	21,426	766,719	2.11%	4.76%	4.67%
WD-2513 San Andreas Pipeline No.3	32	4,898	199,141	1.61%	1.09%	1.21%
WD-2529 Noe Valley Transmission	21	6,215	272,359	1.05%	1.38%	1.66%
WD-2539 University Mound Reservoir	46	5,681	204,113	2.31%	1.26%	1.24%
WD-2543 N. University Mound System	26	15,158	576,963	1.31%	3.36%	3.51%
WD-2548 Lake Merced Pump Station	28	3,867	151,461	1.41%	0.86%	0.92%
WD-2552 - Alameda Siphon No. 4	38	5,533	208,928	1.91%	1.23%	1.27%
WD-2556 Baden San Pedro Valve Lot	35	6,249	219,221	1.76%	1.39%	1.33%
WD-2568 - BDPL Nos. 3&4 Crossover	4	51	1,683	0.20%	0.01%	0.01%
<b>Total Service Territory</b>	<b>759</b>	<b>167,544</b>	<b>6,135,071</b>	<b>38.10%</b>	<b>37.19%</b>	<b>37.35%</b>
<b><u>San Francisco Residents</u></b>						
Alemanya Pump Station	46	7,912	285,088	2.31%	1.76%	1.74%
DB-116 Tesla Treatment Facility	2	646	18,984	0.10%	0.14%	0.12%
Forest Knolls Pump Station	21	3,844	136,799	1.05%	0.85%	0.83%
Harry Tracy Short Term Improvements	24	7,007	297,678	1.20%	1.56%	1.81%
Standby Power Facilities	5	182	5,759	0.25%	0.04%	0.04%
Stanford Heights Reservoir	38	11,120	372,072	1.91%	2.47%	2.27%
WD-2498 New Crystal Springs Tunnel	4	3,259	97,888	0.20%	0.72%	0.60%
WD-2513 San Andreas Pipeline No.3	7	1,007	29,931	0.35%	0.22%	0.18%
WD-2529 Noe Valley Transmission	14	3,554	167,171	0.70%	0.79%	1.02%
WD-2539 University Mound Reservoir	34	6,813	225,097	1.71%	1.51%	1.37%
WD-2543 N. University Mound System	23	9,107	379,818	1.15%	2.02%	2.31%
WD-2548 Lake Merced Pump Station	10	1,776	50,771	0.50%	0.39%	0.31%
WD-2552 - Alameda Siphon No. 4				0.00%	0.00%	0.00%
WD-2556 Baden San Pedro Valve Lot	8	1,746	77,191	0.40%	0.39%	0.47%
WD-2568 - BDPL Nos. 3&4 Crossover	25	2,877	101,203	1.26%	0.64%	0.62%
<b>Total San Francisco</b>	<b>261</b>	<b>60,847</b>	<b>2,245,451</b>	<b>13.10%</b>	<b>13.50%</b>	<b>13.67%</b>
<b><u>Total Employment</u></b>						
Alemanya Pump Station	382	73,197	2,926,513	19.18%	16.25%	17.82%
DB-116 Tesla Treatment Facility	156	35,721	1,224,335	7.83%	7.93%	7.45%
Forest Knolls Pump Station	225	26,919	924,183	11.30%	5.97%	5.63%
Harry Tracy Short Term Improvements	140	40,815	1,425,673	7.03%	9.06%	8.68%
Standby Power Facilities	59	10,430	457,791	2.96%	2.31%	2.79%
Stanford Heights Reservoir	292	74,015	2,412,756	14.66%	16.43%	14.69%
WD-2498 New Crystal Springs Tunnel	78	49,066	1,794,581	3.92%	10.89%	10.93%
WD-2513 San Andreas Pipeline No.3	89	15,100	532,136	4.47%	3.35%	3.24%
WD-2529 Noe Valley Transmission	70	19,268	773,997	3.51%	4.28%	4.71%
WD-2539 University Mound Reservoir	148	27,474	1,009,273	7.43%	6.10%	6.15%
WD-2543 N. University Mound System	100	44,911	1,689,656	5.02%	9.97%	10.29%
WD-2548 Lake Merced Pump Station	81	10,370	391,095	4.07%	2.30%	2.38%
WD-2552 - Alameda Siphon No. 4	82	12,006	448,734	4.12%	2.66%	2.73%
WD-2556 Baden San Pedro Valve Lot	58	8,319	309,143	2.91%	1.85%	1.88%
WD-2568 - BDPL Nos. 3&4 Crossover	32	2,953	103,848	1.61%	0.66%	0.63%
<b>Total Employment</b>	<b>1,992</b>	<b>450,562</b>	<b>\$16,423,714</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

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	San Francisco	Alameda	San Joaquin	San Mateo	Santa Clara	Stanislaus	Tuolumne	Outside	Total Employment	
<u>Number of Workers</u>										
Alemany Pump Station	46	37	29	40	40	12		178	362	
DB-116 Tesla Treatment Facility	2	17	55	11	8	12		51	156	
Forest Knolls Pump Station	21	29	7	14	10	6		138	225	
Harry Tracy Short Term Improvements	24	11	12	10	3			80	140	
Standby Power Facilities	5	6	5	16	1	1		25	59	
Stanford Heights Reservoir	38	41	6	10	29	8	1	159	292	
WD-2498 New Crystal Springs Tunnel	4	6	7	19	8	1	1	32	78	
WD-2513 San Andreas Pipeline No.3	7	5	15	5	4	2		50	89	
WD-2529 Noe Valley Transmission	14	9		12				35	70	
WD-2539 University Mound Reservoir	34	19	6	11	9	1		68	148	
WD-2543 N. University Mound System	23	9	2	15				51	100	
WD-2548 Lake Merced Pump Station	10	11	2	11	2	2		43	81	
WD-2552 - Alameda Siphon No. 4		14	12	1	1	10		44	82	
WD-2556 Baden San Pedro Valve Lot	8	9	1	12	13			15	58	
WD-2568 - BDPL Nos. 3&4 Crossover	25	4						3	32	
<b>Total Non-Resident</b>	<b>261</b>	<b>227</b>	<b>159</b>	<b>187</b>	<b>128</b>	<b>55</b>	<b>3</b>	<b>972</b>	<b>1,992</b>	
<u>Hours Worked</u>										
Alemany Pump Station	7,912	6,348	4,623	10,683	6,115	986		36,533	73,197	
DB-116 Tesla Treatment Facility	646	3,220	14,068	1,655	581	4,192		11,361	35,721	
Forest Knolls Pump Station	3,844	2,473	134	4,787	428	321		14,932	26,919	
Harry Tracy Short Term Improvements	7,007	2,522	4,852	4,128	402			21,904	40,815	
Standby Power Facilities	182	623	201	4,932	95	16		4,381	10,430	
Stanford Heights Reservoir	11,120	11,181	1,031	1,062	4,168	1,960	684	42,810	74,015	
WD-2498 New Crystal Springs Tunnel	3,259	2,945	4,465	6,235	3,344	1,393	2,045	24,382	49,066	
WD-2513 San Andreas Pipeline No.3	1,007	290	3,498	294	354	343	119	9,196	15,100	
WD-2529 Noe Valley Transmission	3,554	1,424		4,791				9,499	19,268	
WD-2539 University Mound Reservoir	6,813	2,649	226	1,573	977	257		14,979	27,474	
WD-2543 N. University Mound System	9,107	7,440	95	7,624				20,646	44,911	
WD-2548 Lake Merced Pump Station	1,776	1,252	347	2,187	11	70		4,728	10,370	
WD-2552 - Alameda Siphon No. 4		1,775	1,435	60	337	1,927		6,473	12,006	
WD-2556 Baden San Pedro Valve Lot	1,746	1,921	10	2,467	1,852			324	8,319	
WD-2568 - BDPL Nos. 3&4 Crossover	2,877	51						25	2,953	
<b>Total Service Territory</b>	<b>60,847</b>	<b>46,112</b>	<b>34,984</b>	<b>52,475</b>	<b>19,663</b>	<b>11,463</b>	<b>2,848</b>	<b>222,172</b>	<b>450,562</b>	
<u>Total Wages</u>										
Alemany Pump Station	\$ 285,088	\$ 271,213	\$ 174,184	\$ 421,760	\$ 206,538	\$ 37,117		\$ 1,530,614	\$ 2,926,513	
DB-116 Tesla Treatment Facility	18,984	146,035	400,867	70,910	21,833	168,416		397,290	1,224,335	
Forest Knolls Pump Station	136,799	84,774	4,652	174,942	14,038	8,863		500,114	924,183	
Harry Tracy Short Term Improvements	297,678	75,217	170,746	151,356	13,631			717,045	1,425,673	
Standby Power Facilities	5,759	21,453	7,635	240,512	2,676	231		179,525	457,791	
Stanford Heights Reservoir	372,072	364,090	31,074	36,737	129,351	58,032	25,600	1,395,800	2,412,756	
WD-2498 New Crystal Springs Tunnel	97,888	106,666	133,510	244,833	159,694	50,439	71,576	929,974	1,794,581	
WD-2513 San Andreas Pipeline No.3	29,931	17,603	131,346	21,778	15,694	10,186	2,534	303,064	532,136	
WD-2529 Noe Valley Transmission	167,171	54,339		218,019				334,467	773,997	
WD-2539 University Mound Reservoir	225,097	94,048	8,398	61,157	32,719	7,792		580,063	1,009,273	
WD-2543 N. University Mound System	379,818	253,238	2,559	321,166	442	2,418		188,862	1,689,656	
WD-2548 Lake Merced Pump Station	50,771	54,773	14,581	79,248				188,862	391,095	
WD-2552 - Alameda Siphon No. 4		57,751	59,146	2,704	12,866	76,460		239,806	448,734	
WD-2556 Baden San Pedro Valve Lot	77,191	58,275	338	106,553	54,055			12,731	309,143	
WD-2568 - BDPL Nos. 3&4 Crossover	101,203	1,683						962	103,848	
<b>Total San Francisco</b>	<b>\$ 2,245,451</b>	<b>\$ 1,661,157</b>	<b>\$ 1,139,036</b>	<b>\$ 2,151,677</b>	<b>\$ 663,536</b>	<b>\$ 419,955</b>	<b>\$ 99,710</b>	<b>\$ 8,043,192</b>	<b>\$ 16,423,714</b>	

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	San Francisco	Alameda	San Joaquin	San Mateo	Santa Clara	Stanislaus	Tuolumne	Outside	Total Employment	
<u>Number of Workers</u>										
Alemany Pump Station	2.31%	1.86%	1.46%	2.01%	2.01%	0.60%	0.00%	8.94%	19.18%	
DB-116 Tesla Treatment Facility	0.10%	0.85%	2.76%	0.55%	0.40%	0.60%	0.00%	2.56%	7.83%	
Forest Knolls Pump Station	1.05%	1.46%	0.35%	0.70%	0.50%	0.30%	0.00%	6.93%	11.30%	
Harry Tracy Short Term Improvements	1.20%	0.55%	0.60%	0.50%	0.15%	0.00%	0.00%	4.02%	7.03%	
Standby Power Facilities	0.25%	0.30%	0.25%	0.80%	0.05%	0.05%	0.00%	1.26%	2.96%	
Stanford Heights Reservoir	1.91%	2.06%	0.30%	0.50%	1.46%	0.40%	0.05%	7.98%	14.66%	
WD-2498 New Crystal Springs Tunnel	0.20%	0.30%	0.35%	0.95%	0.40%	0.05%	0.05%	1.61%	3.92%	
WD-2513 San Andreas Pipeline No.3	0.35%	0.25%	0.75%	0.25%	0.20%	0.10%	0.05%	2.51%	4.47%	
WD-2529 Noe Valley Transmission	0.70%	0.45%	0.00%	0.60%	0.00%	0.00%	0.00%	1.76%	3.51%	
WD-2539 University Mound Reservoir	1.71%	0.95%	0.30%	0.55%	0.45%	0.05%	0.00%	3.41%	7.43%	
WD-2543 N. University Mound System	1.15%	0.45%	0.10%	0.75%	0.00%	0.00%	0.00%	2.56%	5.02%	
WD-2548 Lake Merced Pump Station	0.50%	0.55%	0.10%	0.55%	0.10%	0.10%	0.00%	2.16%	4.07%	
WD-2552 - Alameda Siphon No. 4	0.00%	0.70%	0.60%	0.05%	0.05%	0.50%	0.00%	2.21%	4.12%	
WD-2556 Baden San Pedro Valve Lot	0.40%	0.45%	0.05%	0.60%	0.65%	0.00%	0.00%	0.75%	2.91%	
WD-2568 - BDPL Nos. 3&4 Crossover	1.26%	0.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.15%	1.61%	
<b>Total Non-Resident</b>	<b>13.10%</b>	<b>11.40%</b>	<b>7.98%</b>	<b>9.39%</b>	<b>6.43%</b>	<b>2.76%</b>	<b>0.15%</b>	<b>48.80%</b>	<b>100.00%</b>	
<u>Hours Worked</u>										
Alemany Pump Station	1.76%	1.41%	1.03%	2.37%	1.36%	0.22%	0.00%	8.11%	16.25%	
DB-116 Tesla Treatment Facility	0.14%	0.71%	3.12%	0.37%	0.13%	0.93%	0.00%	2.52%	7.93%	
Forest Knolls Pump Station	0.85%	0.55%	0.03%	1.06%	0.09%	0.07%	0.00%	3.31%	5.97%	
Harry Tracy Short Term Improvements	1.56%	0.56%	1.08%	0.92%	0.09%	0.00%	0.00%	4.86%	9.06%	
Standby Power Facilities	0.04%	0.14%	0.04%	1.09%	0.02%	0.00%	0.00%	0.97%	2.31%	
Stanford Heights Reservoir	2.47%	2.48%	0.23%	0.24%	0.92%	0.44%	0.15%	9.50%	16.43%	
WD-2498 New Crystal Springs Tunnel	0.72%	0.65%	0.99%	1.38%	0.96%	0.31%	0.45%	5.41%	10.89%	
WD-2513 San Andreas Pipeline No.3	0.22%	0.06%	0.78%	0.07%	0.08%	0.00%	0.00%	2.04%	3.35%	
WD-2529 Noe Valley Transmission	0.79%	0.32%	0.00%	1.06%	0.00%	0.00%	0.00%	2.11%	4.28%	
WD-2539 University Mound Reservoir	1.51%	0.59%	0.05%	0.35%	0.22%	0.06%	0.00%	3.32%	6.10%	
WD-2543 N. University Mound System	2.02%	1.65%	0.02%	1.69%	0.00%	0.00%	0.00%	4.58%	9.97%	
WD-2548 Lake Merced Pump Station	0.39%	0.28%	0.08%	0.49%	0.00%	0.02%	0.00%	1.05%	2.30%	
WD-2552 - Alameda Siphon No. 4	0.00%	0.39%	0.32%	0.01%	0.07%	0.43%	0.00%	1.44%	2.66%	
WD-2556 Baden San Pedro Valve Lot	0.39%	0.43%	0.00%	0.55%	0.41%	0.00%	0.00%	0.07%	1.85%	
WD-2568 - BDPL Nos. 3&4 Crossover	0.64%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.66%	
<b>Total Service Territory</b>	<b>13.50%</b>	<b>10.23%</b>	<b>7.76%</b>	<b>11.65%</b>	<b>4.36%</b>	<b>2.54%</b>	<b>0.63%</b>	<b>49.31%</b>	<b>100.00%</b>	
<u>Total Wages</u>										
Alemany Pump Station	1.74%	1.65%	1.06%	2.57%	1.26%	0.23%	0.00%	9.32%	17.82%	
DB-116 Tesla Treatment Facility	0.12%	0.89%	2.44%	0.43%	0.13%	1.03%	0.00%	2.42%	7.45%	
Forest Knolls Pump Station	0.83%	0.52%	0.03%	1.07%	0.09%	0.05%	0.00%	3.05%	5.63%	
Harry Tracy Short Term Improvements	1.81%	0.46%	1.04%	0.92%	0.08%	0.00%	0.00%	4.37%	8.68%	
Standby Power Facilities	0.04%	0.13%	0.05%	1.46%	0.02%	0.00%	0.00%	1.09%	2.79%	
Stanford Heights Reservoir	2.27%	2.22%	0.19%	0.22%	0.79%	0.35%	0.16%	8.50%	14.69%	
WD-2498 New Crystal Springs Tunnel	0.60%	0.65%	0.81%	1.49%	0.31%	0.31%	0.02%	5.66%	10.93%	
WD-2513 San Andreas Pipeline No.3	0.18%	0.11%	0.80%	0.13%	0.10%	0.06%	0.00%	1.85%	3.24%	
WD-2529 Noe Valley Transmission	1.02%	0.33%	0.00%	1.33%	0.00%	0.00%	0.00%	2.04%	4.71%	
WD-2539 University Mound Reservoir	1.37%	0.57%	0.05%	0.37%	0.20%	0.05%	0.00%	3.53%	6.15%	
WD-2543 N. University Mound System	2.31%	1.54%	0.02%	1.96%	0.00%	0.00%	0.00%	4.46%	10.29%	
WD-2548 Lake Merced Pump Station	0.31%	0.33%	0.09%	0.48%	0.00%	0.01%	0.00%	1.15%	2.38%	
WD-2552 - Alameda Siphon No. 4	0.00%	0.35%	0.36%	0.02%	0.08%	0.47%	0.00%	1.46%	2.73%	
WD-2556 Baden San Pedro Valve Lot	0.47%	0.35%	0.00%	0.65%	0.33%	0.00%	0.00%	0.08%	1.88%	
WD-2568 - BDPL Nos. 3&4 Crossover	0.62%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.63%	
<b>Total San Francisco</b>	<b>13.67%</b>	<b>10.11%</b>	<b>6.94%</b>	<b>13.10%</b>	<b>4.04%</b>	<b>2.56%</b>	<b>0.61%</b>	<b>48.97%</b>	<b>100.00%</b>	

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WSIP Craft Hour Estimate

The WSIP Craft Hour Estimate is based on estimated construction spending as of October 1, 2009. The following table summarizes the estimated \$2.34 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 Spending Forecast as of October 1, 2009								
County	<u>2009 (three months)</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>Total WSIP</u>
Alameda	\$ 5,061	\$ 175,148	\$ 271,815	\$ 274,597	\$ 233,070	\$ 131,493	\$ 15,961	\$ 1,107,144
San Francisco	16,354	47,921	67,767	59,265	74,760	20,876	-	286,944
San Joaquin	9,918	38,912	19,076	-	-	-	-	67,906
San Mateo	13,137	90,729	229,031	181,858	143,263	3,429	-	661,446
Santa Clara	1,408	5,634	5,634	5,634	-	-	-	18,310
Stanislaus	164	10,811	70,451	78,807	34,186	-	-	194,418
<b>Grand Total</b>	<b>\$ 46,043</b>	<b>\$ 369,154</b>	<b>\$ 663,773</b>	<b>\$ 600,161</b>	<b>\$ 485,279</b>	<b>\$ 155,798</b>	<b>\$ 15,961</b>	<b>\$ 2,336,168</b>

The WSIP program is expected to require a total of 11,247,666 craft hours. The remaining construction spending is estimated to require 9.9 Million craft hours in twelve areas of construction activity from October 1, 2009 through completion.

San Francisco Public Utilities Commission Water System Improvement Program Project Labor Agreement Craft Hour Forecast by County as of October 1, 2009							
	<u>San Alameda</u>	<u>San Francisco</u>	<u>San Joaquin</u>	<u>San Mateo</u>	<u>Santa Clara</u>	<u>Stanislaus</u>	<u>Grand Total</u>
Carpentry	195,682	40,804	9,054	98,050	2,441	25,922	371,954
Concrete	866,338	182,690	32,336	423,286	2,906	30,860	1,538,417
Electrical	191,294	125,285	42,291	297,511	4,673	49,619	710,673
Heavy Equipment Operation	1,093,436	442,973	20,270	418,989	19,130	203,124	2,197,922
Masonry	42,128	57,037	21,731	133,278	-	-	254,174
Mechanical	349,353	121,597	33,830	353,312	19,288	204,805	1,082,185
Painting	79,666	57,481	21,018	156,541	5,667	60,177	380,550
Roofing	21,048	28,741	10,953	67,102	-	-	127,843
Sheet Metal	23,472	28,570	10,953	67,236	-	-	130,230
Structural Steel	166,989	89,410	28,294	204,452	2,543	27,003	518,690
Trucking & Hauling	252,029	84,051	11,708	155,306	6,314	67,041	576,449
Underground Tunnel Work	1,731,335	-	-	250,955	-	-	1,982,290
	<b>5,012,770</b>	<b>1,258,638</b>	<b>242,438</b>	<b>2,626,018</b>	<b>62,963</b>	<b>668,550</b>	<b>9,871,378</b>

The 9.9 Million craft hours are expected to provide employment in six Bay Area Counties between October 1, 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 Hour Forecast as of October 1, 2009								
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>Total Hours</u>
Alameda	17,618	539,440	1,232,722	1,374,747	1,168,272	588,019	91,952	5,012,770
San Francisco	66,354	211,641	293,081	264,731	324,456	98,375	-	1,258,638
San Joaquin	35,410	138,924	68,104	-	-	-	-	242,438
San Mateo	72,051	314,311	872,498	693,851	579,906	81,742	11,659	2,626,018
Santa Clara	4,843	19,373	19,373	19,373	-	-	-	62,963
Stanislaus	563	37,176	242,262	270,995	117,555	-	-	668,550
	<b>196,839</b>	<b>1,260,866</b>	<b>2,728,040</b>	<b>2,623,698</b>	<b>2,190,187</b>	<b>768,137</b>	<b>103,611</b>	<b>9,871,378</b>

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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 January 8, 2010, were used to produce the employment data included in this report.