

**2010 - Summary of Water Loss Audit Data by Gallons and Percentage by Region with Statewide Totals**

SWP Region

Region A 45 Audits Submitted	System Input Volume 24,468,326,329	Authorized Consumption 22,829,378,480 93.3%	Billed Consumption 22,368,207,491 91.4%	Billed Metered 22,355,930,649 91.4%	Revenue Water 22,368,207,491 91.4%
				Billed Unmetered 12,276,842 0.1%	
			Unbilled Consumption 461,170,989 1.9%	Unbilled Metered 110,251,143 0.5%	Non-revenue Water 2,104,786,544 8.6%
				Unbilled Unmetered 350,919,846 1.4%	
		Water Loss 1,646,572,256 6.7%	Apparent Loss 399,885,278 1.6%	Unauthorized Consumption 61,170,816 0.3%	
				Customer Meter Accuracy Loss 324,689,522 1.3%	
				Systematic Data Handling Discrepancy 14,024,940 0.1%	
			Real Loss 1,266,958,453 5.2%	Reported Breaks and Leaks 388,248,144 1.6%	
				Unreported Loss 1,158,731,805 4.7%	

Region B 39 Audits Submitted	System Input Volume 9,523,529,119	Authorized Consumption 8,860,853,097 93.0%	Billed Consumption 8,699,023,939 91.3%	Billed Metered 8,688,019,220 91.2%	Revenue Water 8,699,023,939 91.3%
				Billed Unmetered 11,004,719 0.1%	
			Unbilled Consumption 161,829,158 1.7%	Unbilled Metered 57,679,500 0.6%	
				Unbilled Unmetered 104,149,658 1.1%	
		Water Loss 662,838,103 7.0%	Apparent Loss 125,488,631 1.3%	Unauthorized Consumption 20,858,757 0.2%	Non-revenue Water 824,505,180 8.7%
				Customer Meter Accuracy Loss 101,722,524 1.1%	
				Systematic Data Handling Discrepancy 2,907,350 0.0%	
			Real Loss 537,391,909 5.6%	Reported Breaks and Leaks 119,162,065 1.3%	
		Unreported Loss 418,851,634 4.4%			

Region C 232 Audits Submitted	System Input Volume 392,580,564,627	Authorized Consumption 326,476,322,050 83.2%	Billed Consumption 311,207,662,567 79.3%	Billed Metered 311,160,353,013 79.3%	Revenue Water 311,207,662,567 79.3%
			Unbilled Consumption 15,268,659,483 3.9%	Billed Unmetered 47,309,554 0.0%	
				Unbilled Metered 6,075,590,210 1.5%	
			Water Loss 66,104,242,577 16.8%	Apparent Loss 7,524,195,587 1.9%	
		Unauthorized Consumption 931,036,354 0.2%			
		Customer Meter Accuracy Loss 6,327,964,160 1.6%			
		Real Loss 58,590,770,330 14.9%		Systematic Data Handling Discrepancy 265,195,073 0.1%	Reported Breaks and Leaks 10,937,816,083 2.8%
				Unreported Loss 47,872,336,738 12.2%	

Region D 103 Audits Submitted	System Input Volume 34,026,601,411	Authorized Consumption 29,397,406,362 86.4%	Billed Consumption 27,452,570,181 80.7%	Billed Metered 27,450,331,836 80.7%	Revenue Water 27,452,570,181 80.7%	
			Unbilled Consumption 1,944,836,181 5.7%	Billed Unmetered 2,238,345 0.0%		
				Unbilled Metered 1,178,626,895 3.5%		
			Water Loss 4,645,118,199 13.7%	Apparent Loss 941,755,483 2.8%		Unbilled Unmetered 766,209,286 2.3%
		Customer Meter Accuracy Loss 855,076,896 2.5%				
		Systematic Data Handling Discrepancy 7,356,468 0.0%				
		Real Loss 3,708,075,298 10.9%		Reported Breaks and Leaks 750,563,832 2.2%		
			Unreported Loss 2,967,237,621 8.7%			

Region E 18 Audits Submitted	System Input Volume 39,839,376,068	Authorized Consumption 36,648,477,492 92.0%	Billed Consumption 36,101,855,444 90.6%	Billed Metered 36,100,127,014 90.6%	Revenue Water 36,101,855,444 90.6%
			Unbilled Consumption 546,622,048 1.4%	Billed Unmetered 1,728,430 0.0%	
				Unbilled Metered 20,191,291 0.1%	
			Water Loss 3,193,137,051 8.0%	Apparent Loss 2,397,346,754 6.0%	
		Unauthorized Consumption 99,598,440 0.3%			
		Customer Meter Accuracy Loss 2,297,557,685 5.8%			
		Real Loss 795,948,038 2.0%		Systematic Data Handling Discrepancy 305,158 0.0%	
				Reported Breaks and Leaks 29,516,357 0.1%	
				Unreported Loss 766,431,681 1.9%	

Region F 45 Audits Submitted	System Input Volume 21,415,158,014	Authorized Consumption 18,683,125,431 87.2%	Billed Consumption 17,880,519,436 83.5%	Billed Metered 17,877,138,716 83.5%	Revenue Water 17,880,519,436 83.5%
				Billed Unmetered 3,380,720 0.0%	
			Unbilled Consumption 802,605,995 3.7%	Unbilled Metered 637,623,208 3.0%	Non-revenue Water 3,534,638,578 16.5%
				Unbilled Unmetered 164,982,787 0.8%	
		Water Loss 2,732,165,135 12.8%	Apparent Loss 1,076,041,436 5.0%	Unauthorized Consumption 52,331,819 0.2%	
				Customer Meter Accuracy Loss 1,004,773,869 4.7%	
				Systematic Data Handling Discrepancy 18,935,747 0.1%	
		Real Loss 1,663,348,700 7.8%		Reported Breaks and Leaks 358,541,480 1.7%	
				Unreported Loss 1,325,345,307 6.2%	

Region G 234 Audits Submitted	System Input Volume 84,814,165,007	Authorized Consumption 71,214,774,018 84.0%	Billed Consumption 68,770,533,432 81.1%	Billed Metered 68,730,355,630 81.0%	Revenue Water 68,770,533,432 81.1%
			Unbilled Consumption 2,444,240,586 2.9%	Billed Unmetered 40,177,802 0.0%	
				Unbilled Metered 732,300,997 0.9%	
			Water Loss 13,672,500,375 16.1%	Apparent Loss 3,486,634,905 4.1%	
		Unauthorized Consumption 195,055,599 0.2%			
		Customer Meter Accuracy Loss 2,893,255,306 3.4%			
		Systematic Data Handling Discrepancy 398,324,000 0.5%			
		Real Loss 10,949,172,194 12.9%	Reported Breaks and Leaks 3,070,665,979 3.6%	Unreported Loss 9,421,896,419 11.1%	

Region H 665 Audits Submitted	System Input Volume 702,498,747,696	Authorized Consumption 570,527,434,739 81.2%	Billed Consumption 555,838,304,896 79.1%	Billed Metered 555,609,659,853 79.1%	Revenue Water 555,838,304,896 79.1%
				Billed Unmetered 228,645,043 0.0%	
			Unbilled Consumption 14,689,129,843 2.1%	Unbilled Metered 7,758,976,293 1.1%	
				Unbilled Unmetered 6,930,153,550 1.0%	
		Water Loss 132,372,265,647 18.8%	Apparent Loss 23,989,517,923 3.4%	Unauthorized Consumption 1,679,121,648 0.2%	Non-revenue Water 146,904,342,195 20.9%
				Customer Meter Accuracy Loss 22,006,209,101 3.1%	
				Systematic Data Handling Discrepancy 304,187,174 0.0%	
			Real Loss 109,059,675,934 15.5%	Reported Breaks and Leaks 11,712,207,418 1.7%	Unreported Loss 99,795,102,209 14.2%

Region I 142 Audits Submitted	System Input Volume 49,264,397,900	Authorized Consumption 40,762,451,765 82.7%	Billed Consumption 39,715,161,393 80.6%	Billed Metered 39,658,411,074 80.5%	Revenue Water 39,715,161,393 80.6%	
			Unbilled Consumption 1,047,290,372 2.1%	Billed Unmetered 56,750,319 0.1%		Unbilled Metered 528,937,654 1.1%
				Unbilled Unmetered 518,352,718 1.1%		
			Water Loss 8,503,222,510 17.3%	Apparent Loss 1,299,717,405 2.6%		Unauthorized Consumption 186,016,040 0.4%
		Customer Meter Accuracy Loss 1,075,937,970 2.2%				
		Systematic Data Handling Discrepancy 37,763,395 0.1%				
		Real Loss 7,211,368,309 14.6%	Reported Breaks and Leaks 856,923,200 1.7%	Unreported Loss 6,375,337,625 12.9%		

Region J 30 Audits Submitted	System Input Volume 5,421,766,363	Authorized Consumption 3,707,301,254 68.4%	Billed Consumption 3,591,761,015 66.2%	Billed Metered 3,581,211,015 66.1%	Revenue Water 3,591,761,015 66.2%	
				Billed Unmetered 10,550,000 0.2%		
			Unbilled Consumption 115,540,239 2.1%	Unbilled Metered 47,962,057 0.9%		Non-revenue Water 1,830,199,423 33.8%
				Unbilled Unmetered 67,578,182 1.2%		
		Water Loss 1,714,693,137 31.6%	Apparent Loss 417,329,649 7.7%	Unauthorized Consumption 13,507,158 0.2%		
				Customer Meter Accuracy Loss 153,818,261 2.8%		
				Systematic Data Handling Discrepancy 250,004,230 4.6%		
			Real Loss 1,297,869,315 23.9%	Reported Breaks and Leaks 26,534,814 0.5%		
				Unreported Loss 1,272,283,878 23.5%		

Region K 113 Audits Submitted	System Input Volume 66,719,840,013	Authorized Consumption 58,543,433,092 87.7%	Billed Consumption 57,831,743,895 86.7%	Billed Metered 57,510,510,563 86.2%	Revenue Water 57,831,743,895 86.7%	
			Unbilled Consumption 711,689,197 1.1%	Billed Unmetered 321,233,332 0.5%		Unbilled Metered 285,879,389 0.4%
				Unbilled Unmetered 425,809,808 0.6%		
			Water Loss 8,197,494,676 12.3%	Apparent Loss 1,682,786,409 2.5%		Customer Meter Accuracy Loss 1,435,555,946 2.2%
		Real Loss 6,520,618,737 9.8%			Systematic Data Handling Discrepancy 77,568,572 0.1%	
					Reported Breaks and Leaks 435,448,567 0.7%	Unreported Loss 6,086,474,612 9.1%

Region L 115 Audits Submitted	System Input Volume 104,004,651,401	Authorized Consumption 87,510,086,048 84.1%	Billed Consumption 85,325,485,484 82.0%	Billed Metered 85,293,786,281 82.0%	Revenue Water 85,325,485,484 82.0%
			Unbilled Consumption 2,184,600,564 2.1%	Billed Unmetered 31,699,203 0.0%	
				Unbilled Metered 602,588,102 0.6%	
			Water Loss 16,532,321,751 15.9%	Apparent Loss 3,969,058,433 3.8%	
		Unauthorized Consumption 259,370,799 0.2%			
		Customer Meter Accuracy Loss 3,549,395,841 3.4%			
		Real Loss 12,585,941,448 12.1%		Systematic Data Handling Discrepancy 161,400,161 0.2%	Reported Breaks and Leaks 869,249,425 0.8%
				Unreported Loss 11,808,744,089 11.4%	

Region M 37 Audits Submitted	System Input Volume 62,947,376,502	Authorized Consumption 51,935,881,430 82.5%	Billed Consumption 50,497,957,231 80.2%	Billed Metered 50,476,734,231 80.2%	Revenue Water 50,497,957,231 80.2%
				Billed Unmetered 21,223,000 0.0%	
			Unbilled Consumption 1,437,924,199 2.3%	Unbilled Metered 549,336,235 0.9%	
				Unbilled Unmetered 888,587,964 1.4%	
		Water Loss 11,011,495,072 17.5%	Apparent Loss 2,265,061,883 3.6%	Unauthorized Consumption 97,702,525 0.2%	Non-revenue Water 12,449,419,271 19.8%
				Customer Meter Accuracy Loss 2,137,306,713 3.4%	
				Systematic Data Handling Discrepancy 30,052,645 0.0%	
			Real Loss 8,746,433,189 13.9%	Reported Breaks and Leaks 2,179,358,799 3.5%	Unreported Loss 6,600,194,826 10.5%

Region N 26 Audits Submitted	System Input Volume 29,538,823,800	Authorized Consumption 27,456,315,729 92.9%	Billed Consumption 26,792,343,561 90.7%	Billed Metered 26,789,538,561 90.7%	Revenue Water 26,792,343,561 90.7%
			Unbilled Consumption 663,972,168 2.2%	Billed Unmetered 2,805,000 0.0%	
				Unbilled Metered 366,492,895 1.2%	
			Water Loss 2,194,384,072 7.4%	Apparent Loss 574,211,686 1.9%	
		Unauthorized Consumption 21,040,431 0.1%			
		Customer Meter Accuracy Loss 547,660,715 1.9%			
		Real Loss 1,731,439,801 5.9%		Systematic Data Handling Discrepancy 5,510,540 0.0%	Reported Breaks and Leaks 4,304,489,314 14.6%
				Unreported Loss 1,616,730,924 5.5%	

Region O 45 Audits Submitted	System Input Volume 19,025,139,139	Authorized Consumption 17,436,287,684 91.6%	Billed Consumption 16,487,064,450 86.7%	Billed Metered 16,449,102,450 86.5%	Revenue Water 16,487,064,450 86.7%
				Billed Unmetered 37,962,000 0.2%	
			Unbilled Consumption 949,223,234 5.0%	Unbilled Metered 706,886,676 3.7%	
				Unbilled Unmetered 242,336,558 1.3%	
		Water Loss 1,649,853,854 8.7%	Apparent Loss 1,106,472,167 5.8%	Unauthorized Consumption 47,786,351 0.3%	Non-revenue Water 2,598,077,088 13.7%
				Customer Meter Accuracy Loss 471,589,952 2.5%	
				Systematic Data Handling Discrepancy 588,272,055 3.1%	
			Real Loss 606,096,251 3.2%	Reported Breaks and Leaks 100,049,918 0.5%	
		Unreported Loss 515,149,303 2.7%			

Region P 6 Audits Submitted	System Input Volume 698,463,914	Authorized Consumption 565,212,908 80.9%	Billed Consumption 556,116,139 79.6%	Billed Metered 554,559,500 79.4%	Revenue Water 556,116,139 79.6%
				Billed Unmetered 1,556,639 0.2%	
			Unbilled Consumption 9,096,769 1.3%	Unbilled Metered 671,520 0.1%	
				Unbilled Unmetered 8,425,249 1.2%	
		Water Loss 133,251,006 19.1%	Apparent Loss 26,744,810 3.8%	Unauthorized Consumption 1,626,410 0.2%	Non-revenue Water 142,347,775 20.4%
				Customer Meter Accuracy Loss 6,988,700 1.0%	
				Systematic Data Handling Discrepancy 18,129,700 2.6%	
		Real Loss 106,506,197 15.2%	Reported Breaks and Leaks 22,506,811 3.2%	Unreported Loss 83,999,386 12.0%	

Statewide Total 1895 Audits Submitted	System Input Volume 1,646,786,927,303	Authorized Consumption 1,372,554,741,578 83.3%	Billed Consumption 1,329,116,310,554 80.7%	Billed Metered 1,328,285,769,606 80.7%	Revenue Water 1,329,116,310,554 80.7%
				Billed Unmetered 830,540,948 0.1%	
			Unbilled Consumption 43,438,431,024 2.6%	Unbilled Metered 19,659,994,065 1.2%	Non-revenue Water 318,049,937,662 19.3%
				Unbilled Unmetered 43,438,431,024 1.4%	
		Water Loss 274,965,555,422 16.7%	Apparent Loss 51,282,248,440 3.1%	Unauthorized Consumption 3,915,253,641 0.2%	
				Customer Meter Accuracy Loss 45,189,503,163 2.7%	
				Systematic Data Handling Discrepancy 2,179,937,208 0.1%	
		Real Loss 225,377,614,102 13.7%	Reported Breaks and Leaks 36,161,282,206 2.2%		
			Unreported Loss 198,084,848,058 12.0%		