

GWA WATER AUDIT  
DECEMBER 2012

No.	Item	Quantity (MGD)	Quality (0 - 5)
[1]	Water Volume From Own Sources	38.033	3
[2]	Wholesale Water Imported	3.049	4
[3]	System Input Volume *	41.082	
	[3] = [1] + [2] (Water Supplied)		

[4]	Billed Metered	15.232	5
[5]	Billed Unmetered	0.038	1
[6]	Billed Authorized Consumption *	15.270	
	[6] = [4] + [5] (Revenue Water)		
[7]	Unbilled Metered	0.353	1
[8]	Unbilled Unmetered	0.514	1
[9]	Unbilled Authorized Consumption	0.867	
	[9] = [7] + [8]		
[10]	Authorized Consumption	16.137	
	[10] = [6] + [9]		
[11]	Customer Metering Inaccuracies **	8.216	1
[12]	Systematic Data Handling Errors	0.029	5
[13]	Unauthorized Consumption	0.103	2
[14]	Apparent Losses	8.348	
	[14] = [11] + [12] + [13]		

[15]	Reported Breaks and Leaks *** (Leakage on Mains)	5.184	2
[16]	Leakage and Overflows at Storage Tanks		
[17]	Leakage on Service Connections up to Point of Customer Metering	0.000	
[18]	Real Losses	5.708	
	[18] = [15] + [16] + [17]		

[19]	Water Loss (Method A)	14.056	
	[19] = [14] + [18]		
[20]	Non-Revenue Water	14.923	
	[20] = [7] + [8] + [14] + [18]		
[21]	Water Loss (Method B) ****	24.944	
	[21] = [3] - [10]		

**36% of non-revenue water**

- \* Data average from November 2011 to October 2012
- \*\* Subject to change with proper Test Bench Facility
- \*\*\* Subject to change based on Leak Detection Yr 2
- \*\*\*\* Historically GWA reported [21] divided by [3] = 61%