





Legend	Losses	Description	Calculation (Meters)
A	Bulk Surface Water Distribution Losses and Treatment Losses	Gamka Dam	M1
B		Syferwater	M2 - M1
C		Supply from Gamka Dam & Syferwater	M2
D		Garcia Street Fountain	M4
E		Direct raw water supply to reservoir	M3
AR		Supply from Walkers Dam	M53
F		Inlet to WTWs	M2 + M4 + M53
G		Outlet from WTWs	M5
H		Outlet from WTWs	M6
I		Total outlet from WTWs	M5 + M6
J		Monthly losses m³	F - I
K		Monthly losses %	J / F
L		Annual losses m³	J over 12 months
M		Annual losses %	K over 12 months
N	Bulk Groundwater Distribution Losses	Brandwacht	M7 + M8 + M9 + M10 + M11 + M12 + M13 + M14 + M15
O		Springfontein	M16 + M44 + M45
P		Lemoenfontein	M17 + M18
Q		Gamka Vallei North	M19 + M20 + M21 - M23
R		Gamka Vallei South	M24 + M25 + M26 +M 27 + M28 + M29
S		Walkersdam	M31
AQ		Small Hansrivier (Incl. Flagship from Apr11)	M49 + M50 + M52
AU		Waterval Fountain	M22
AS		Treated water supply from RO Plant	M51
T		Total Groundwater, Untreated and Treated Surface Water	E + I + N + O + P + Q + R + S + AQ + AS + AU
U		Airport Raw Water Supply	M32
V		Weegbrug Raw Water Supply	M33
W		Essential Oils Raw Water Supply	M34
X		Treated Water to Town	M35
Y		Total Supply	X + U + V + W
Z		Monthly losses m³	T - Y
AA		Monthly losses %	Z / T
AB		Annual losses m³	Z over 12 months
AC		Annual losses %	AA over 12 months
AD	Network Distribution Losses	Treated Water to Town	Y
AE		Dorpsgebied	M36 + M37 +M38 + M39
AF		Hansrivier	M40 + M41 + M42 +M46 + M47 + M48
AT		Water Donated	
AQ		Flagship up to March 2011	M52
AG		Total Supply	AD + AE + AF + AT + AQ
AH		Consumption	Water Sales (Treasury) + W
AI		Monthly losses m³	AG - AH
AJ		Monthly losses %	AI / AG
AK		Annual losses m³	AI over 12 months
AL		Annual losses %	AJ over 12 months
AM	Total Losses	Monthly losses m³	(C + D + E + AR + N +O + P + Q + R + S + AQ + AU + AS + AE + AF + AT + AV) - AH
AN		Monthly losses %	AM / (C + D + E + AR + N +O + P + Q + R + S + AQ + AU + AS + AE + AF + AT + AV)
AO		Annual losses m³	AM over 12 months
AP		Annual losses %	AN over 12 months





