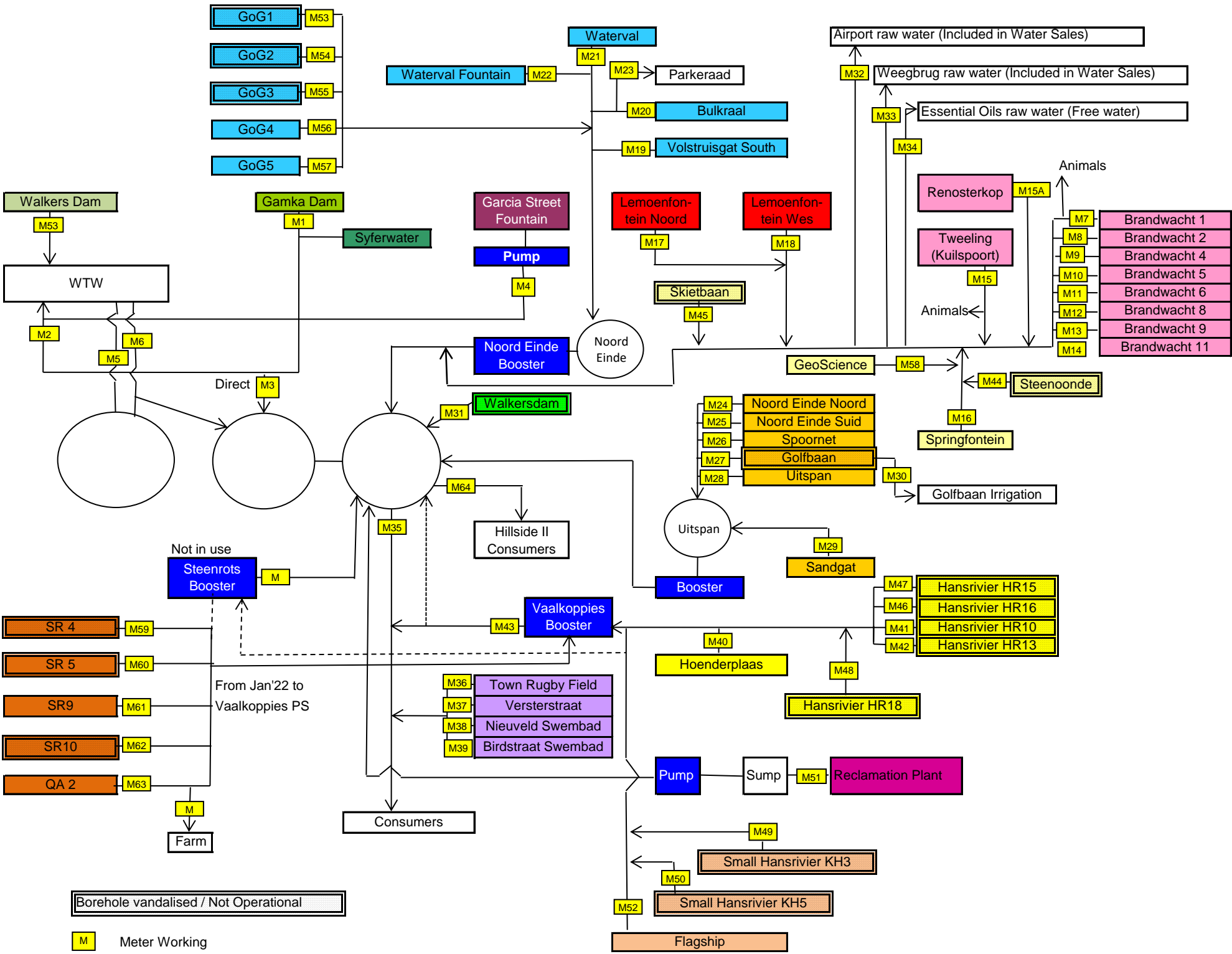
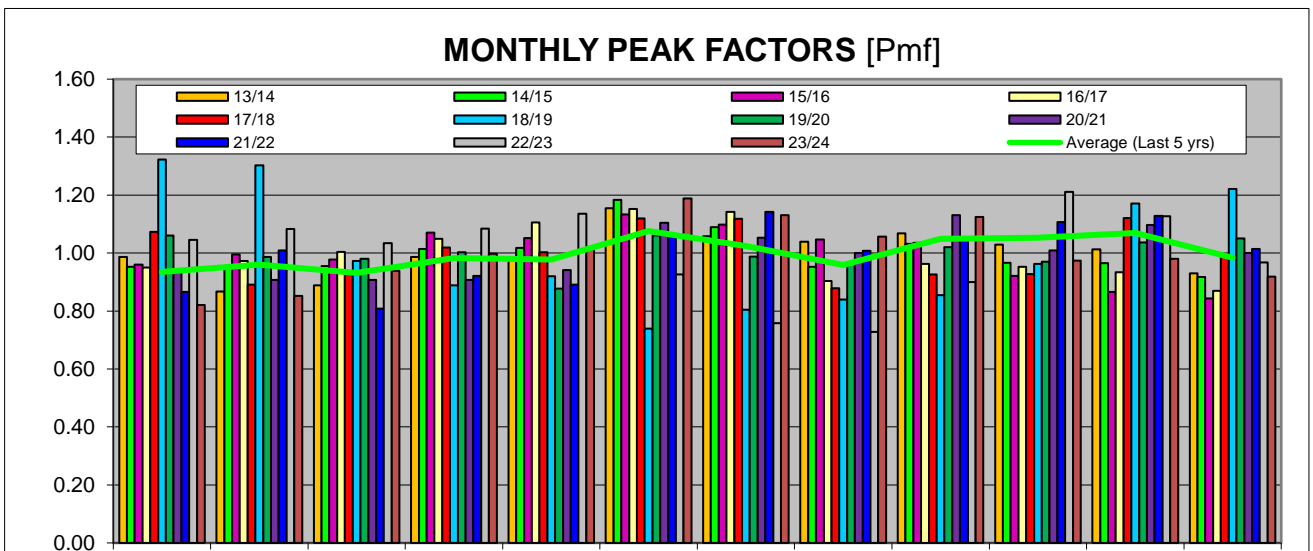
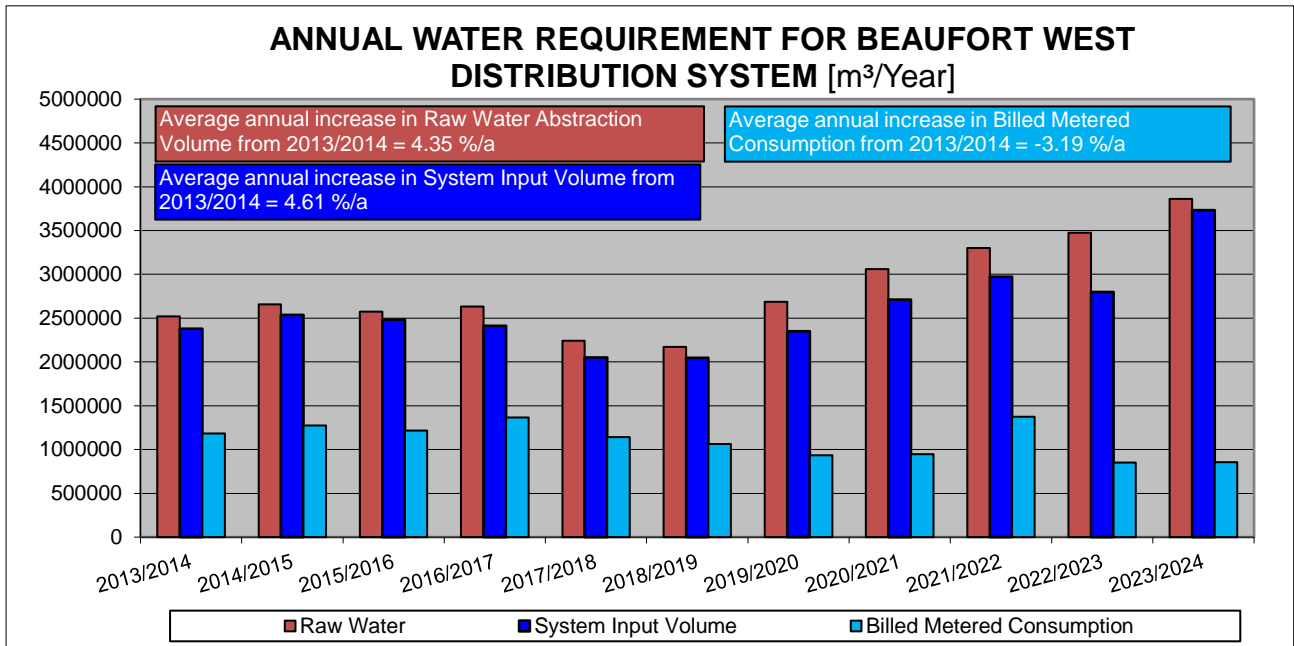
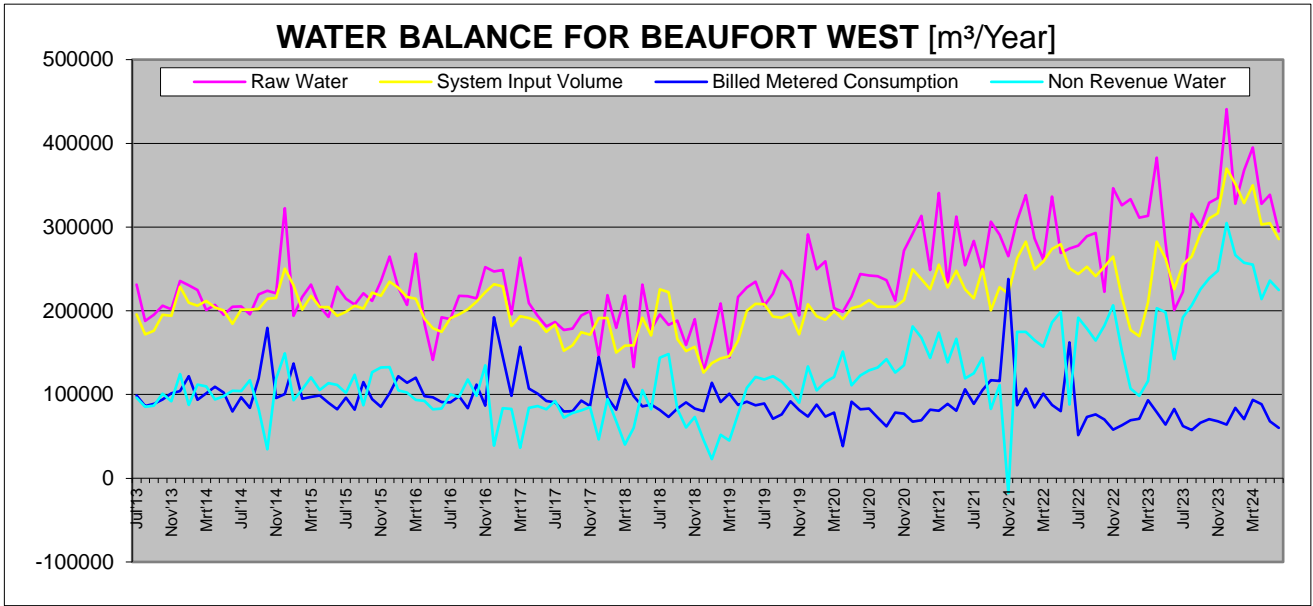


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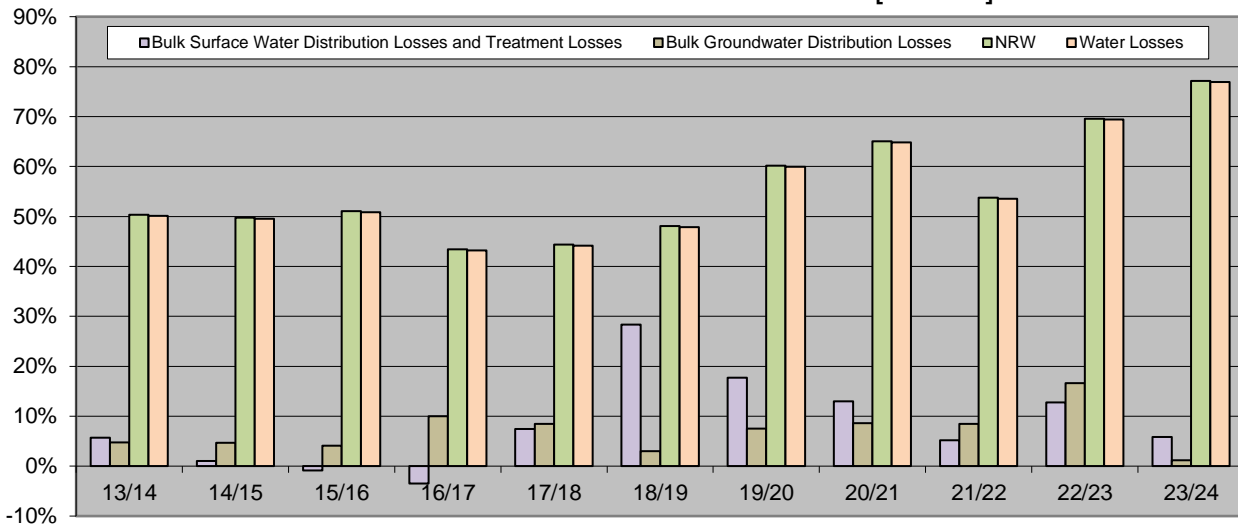


Legend	Losses	Description	Calculation (Meters)
A	Bulk Surface Water Distribution Losses and Treatment Losses	Gamka Dam	M1
B		Syferwater	M2 - M1
C		Supply from Gamka Dam & Syferwater	M2
D		Garcia Street Fountain	M4
E		Direct raw water supply to reservoir	M3
F		Supply from Walkers Dam	M53
G		Inlet to WTWs	M2 + M4 + M53 + M54 + M55 + M56 + M57
H		Outlet from WTWs	M5
I		Outlet from WTWs	M6
J		Total outlet from WTWs	M5 + M6
K		Monthly Treatment Losses m³	G - J
L		Monthly Treatment Losses %	K / G
M		Annual Treatment Losses m³	K over 12 months
N		Annual Treatment Losses %	L over 12 months
O	Bulk Groundwater Distribution Losses	Brandwacht	M7 + M8 + M9 + M10 + M11 + M12 + M13 + M14 + M15 + M15A
P		Steenrotsfontein	M59 + M60 + M61 + M62 + M63
Q		Springfontein	M16 + M44 + M45 + M58
R		Lemoenfontein	M17 + M18
S		Gamka Valleï North	M19 + M20 + M21 - M23
T		Gamka Valleï South	M24 + M25 + M26 +M 27 + M28 + M29
U		Walkersdam	M31
V		Small Hansrivier (Incl. Flagship from Apr11)	M49 + M50 + M52
W		Waterval Fountain	M22
X		Treated water supply from RO Plant	M51
Y		Total Groundwater, Untreated and Treated Surface Water	E + J + O + Q + R + S + T + U + V + X + W + P - M53 - M54 - M55 - M56 - M57
Z		Airport Raw Water Supply	M32
AA		Weegbrug Raw Water Supply	M33
AB		Essential Oils Raw Water Supply	M34
AC	NRW	Treated Water to Town	M35
AD		Hillside II	M64
AE		Hansrivier Booster	M43
AF		Total Supply	AC + Z + AA + AB + AD + AE
AG		Monthly Bulk Distribution Losses m³	Y - AF
AH		Monthly Bulk Distribution Losses %	AG / Y
AI		Annual Bulk Distribution Losses m³	AG over 12 months
AJ		Annual Bulk Distribution Losses %	AH over 12 months
AK		Treated Water to Town	AF
AL		Dorpsgebied	M36 + M37 +M38 + M39
AM		Hansrivier	M40 + M41 + M42 +M46 + M47 + M48
AN		Water Donated	
AO		Flagship up to March 2011	M52
AP	Water Losses	Total System Input Volume	AK + AL + AM + AN + AO
AQ		Billed Metered Consumption	Billed Metered Consumption (Treasury) + AB
AR		Billed Unmetered Consumption	Billed Unmetered Consumption (Treasury)
AS		Monthly NRW m³	AP - AQ - AR
AT		Monthly NRW %	AS / AP
AU		Annual NRW m³	AS over 12 months
AV		Annual NRW %	AT over 12 months
AW		Unbilled Metered Consumption	From Engineering Department
AX		Unbilled Unmetered Consumption	0.002 x AP
AY		Apparent Losses: Illegal Connections Estimate	(AP - AQ - AR - AW - AX) x %
AZ		Apparent Losses: Inaccurate Meters Estimate	(AP - AQ - AR - AW - AX) x %
BA		Apparent Losses: Administrative Errors Estimate	(AP - AQ - AR - AW - AX) x %
BB		Real Losses	(AP - AQ - AR - AW - AX) x %
BC		Monthly Water Losses m³	AP - AQ - AR - AW - AX
BD		Monthly Water Losses %	BC / AP
BE		Annual Water Losses m³	BC over 12 months
BF		Annual Water Losses %	BD over 12 months



Jul Aug Sep Oct Nov Dec Jan Feb Mrt Apr May Jun

ANNUAL NON REVENUE WATER [%/Year]



ANNUAL WATER USAGE PER SECTOR [m³/a]

