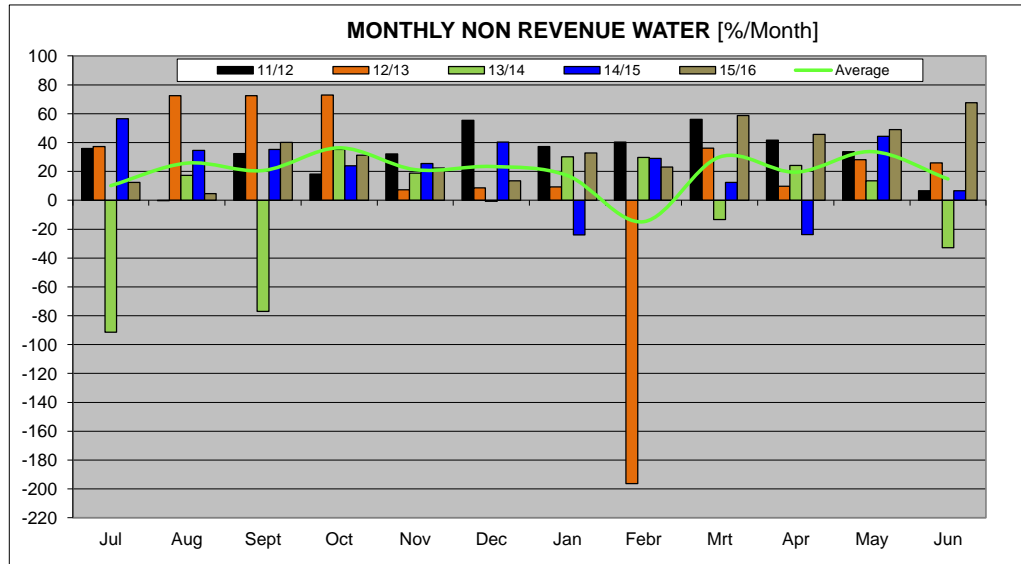
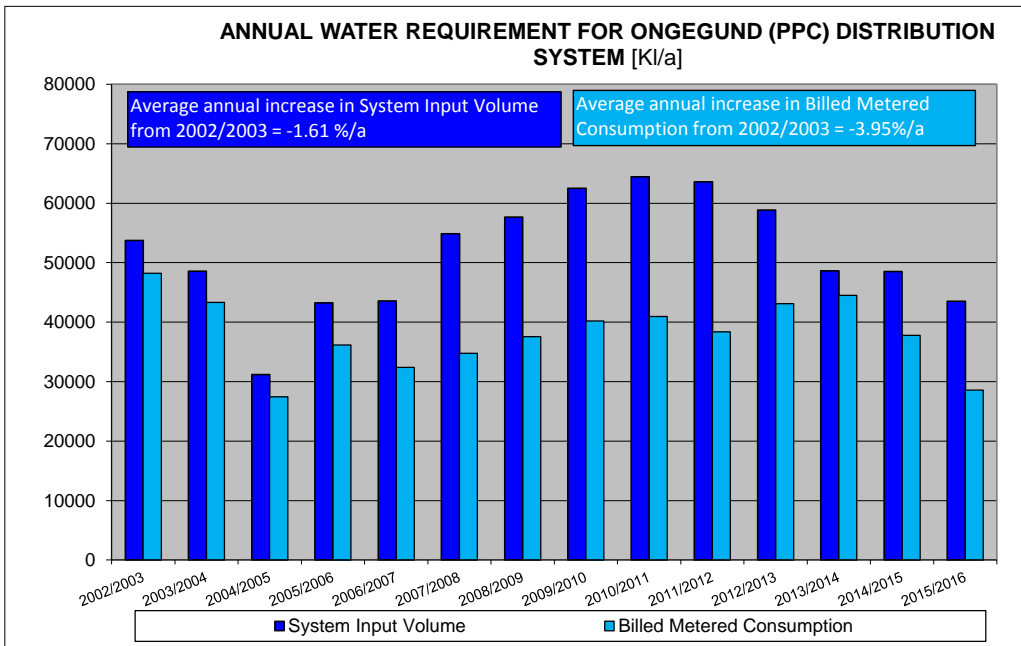
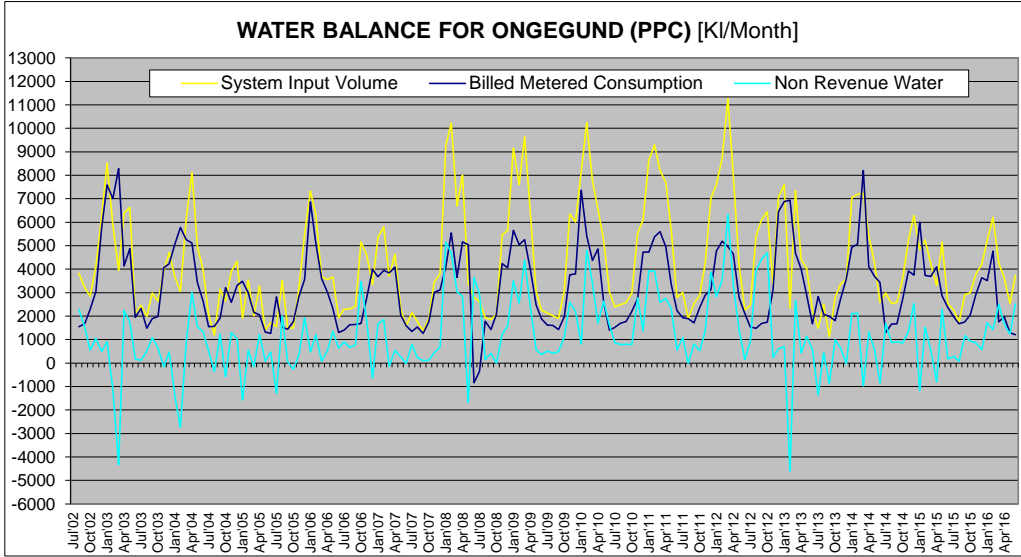




SWARTLAND MUNICIPALITY													
Ongegund (PPC)													
Month	Year	BULK WATER SUPPLY				TREATED WATER SUPPLY				TOTALS ( ONLY NETWORK LOSSES )			
		Raw Water Supply	System Input Volume	Monthly Losses (m³)	Monthly Losses (%)	System Input Volume	Billed Metered Consumption	Monthly Losses (m³)	Monthly Losses (%)	Monthly Losses (m³)	Monthly Losses (%)	Annual Losses (m³)	Annual Losses (%)
Jul12	12/13					2463	1544	919	37.3	919	37.3		
Aug12						5405	1486	3919	72.5	3919	72.5		
Sep12						6107	1684	4423	72.4	4423	72.4		
Oct12						6441	1746	4695	72.9	4695	72.9		
Nov12						3381	3134	247	7.3	247	7.3		
Dec12						7076	6467	609	8.6	609	8.6		
Jan13						7590	6879	711	9.4	711	9.4		
Feb13						2339	932	1407	59.8	1407	59.8		
Mar13						7350	4692	2658	36.2	2658	36.2		
Apr13						4416	3988	428	9.7	428	9.7		
May13						4036	2998	1138	28.2	1138	28.2		
Jun13						2253	1670	583	25.9	583	25.9	15737	26.7%
Jul13	13/14				1480	2834	-1354	-91.5	-1354	-91.5			
Aug13					2512	2079	433	17.2	433	17.2			
Sep13					1124	1989	-865	-77.0	-865	-77.0			
Oct13					2807	1816	991	35.3	991	35.3			
Nov13					3368	2733	635	18.9	635	18.9			
Dec13					3666	3991	-25	-0.7	-25	-0.7			
Jan14					7046	4930	2116	30.0	2116	30.0			
Feb14					7195	5066	2129	29.6	2129	29.6			
Mar14					7238	8209	-971	-13.4	-971	-13.4			
Apr14					5432	4416	1016	24.2	1016	24.2			
May14					4263	3692	571	13.4	571	13.4			
Jun14					2683	3431	-848	-32.8	-848	-32.8			
Jul14	14/15				2885	1300	1585	56.4	1585	56.4			
Aug14					2527	1654	873	34.5	873	34.5			
Sep14					2588	1679	909	35.1	909	35.1			
Oct14					3592	2733	859	23.9	859	23.9			
Nov14					5267	3925	1342	25.5	1342	25.5			
Dec14					6281	3749	2532	40.3	2532	40.3			
Jan15					4843	6003	-1160	-24.0	-1160	-24.0			
Feb15					5251	3730	1521	29.0	1521	29.0			
Mar15					4216	3694	522	12.4	522	12.4			
Apr15					3911	4100	-789	-23.8	-789	-23.8			
May15					5145	2864	2281	44.3	2281	44.3			
Jun15					2533	2395	138	5.6	138	5.6			
Jul15	15/16				2254	1974	280	12.4	280	12.4			
Aug15					1761	1680	81	4.6	81	4.6			
Sep15					2921	1750	1171	40.1	1171	40.1			
Oct15					4216	2055	2161	51.3	2161	51.3			
Nov15					3797	2948	849	22.4	849	22.4			
Dec15					4210	3641	569	13.5	569	13.5			
Jan16					5231	3515	1716	32.8	1716	32.8			
Feb16					6203	4769	1434	23.1	1434	23.1			
Mar16					4259	1754	2505	58.8	2505	58.8			
Apr16					3636	1974	1662	45.7	1662	45.7			
May16					2531	1291	1240	49.0	1240	49.0			
Jun16					3735	1212	2523	67.6	2523	67.6	14966	34.4%	

ANNUAL TOTALS				
Year	System Input Volume	Billed Metered Consumption	Losses m³	Losses %
2002/2003	53755	48212	5553	10.3%
2003/2004	48600	43302	5298	10.9%
2004/2005	31170	27421	3749	12.0%
2005/2006	43225	38179	5046	16.3%
2006/2007	43555	32383	11172	25.7%
2007/2008	54875	34759	20116	36.7%
2008/2009	87676	37546	20130	34.9%
2009/2010	62612	40104	22508	35.9%
2010/2011	64439	40963	23476	36.4%
2011/2012	63600	38364	25236	39.7%
2012/2013	98857	43130	15727	28.7%
2013/2014	48614	44486	4128	8.5%
2014/2015	48539	37786	10743	22.1%
2015/2016	43529	28563	14966	34.4%

**WATER BALANCE AND USAGE FOR THE PPC DISTRIBUTION SYSTEM**



**WATER BALANCE AND USAGE FOR THE PPC DISTRIBUTION SYSTEM**

