




Erwat DD6 plants : Jan-March 2014			% Compliance			Comments
WWTW		Effluent standard	Jan-14	Feb-14	Mrch 2014	
DEKEMA 	COD	< /=75mg/l	100	100	100	Heavy rains
	Susp.solids	< /=25mg/l	100	100	100	
	Ammonia(N)	< /=10mg/l	100	100	100	
	Nitrate(N)	No standard				
	Phosphate(P)	< /=1mg/l	100	93	100	
	E.coli(MPN)	< /=1000 /ml	94	94	100	
	Number of samples/ month		31	28	31	
	Influent flow	l/day	35.16	36.52	36.83	
Influent flow	l/mnth	1089.98	1022.5	1126.17		
RONDEBULT	COD	< /=75mg/l	94	100	100	
	Susp.solids	< /=25mg/l	100	100	100	
	Ammonia(N)	< /=10mg/l	97	100	100	
	Nitrate(N)	No standard				
	Phosphate(P)	< /=1mg/l	97	100	100	
	E.coli(MPN)	< /=1000 /ml	100	96	97	
	Number of samples/ month		31	28	31	
	Influent flow	l/day	25.97	29.23	29	
Influent flow	l/mnth	778.95	818.33	890.6		
VLAKPLAATS	COD	< /=70mg/l	100	93	100	
	Susp.solids	< /=20mg/l	87	97	97	
	Ammonia(N)	< /=9mg/l	97	100	100	
	Nitrate(N)	< /=7mg/l	100	100	100	
	Phosphate(P)	< /=1mg/l	97	100	100	
	E.coli(MPN)	< /=500 /ml	97	96	94	
	total number of samples		31	28	31	
	Influent flow	l/day	118.91	124.62	136.99	
Influent flow	l/mnth	3686.21	3489.47	4246.7		
WATERVAL	COD	< /=70mg/l	100	100	100	
	Susp.solids	< /=20mg/l	100	100	100	
	Ammonia(N)	< /=4mg/l	97	100	100	
	Nitrate(N)	< /=9mg/l	100	100	100	
	Phosphate(P)	< /=0.7mg/l	100	100	100	
	E.coli(MPN)	< /=500 /ml	100	96	90	
	Number of samples / month		31	28	31	
	Influent flow	l/day	184.2	190.9	224.2	
Influent flow	l/mnth	5710	5345	6950		

 > 90% compliance (Green Drop)
 < 90 % compliance

$$\% \text{ compliance} = \frac{\text{number of samples complying}}{\text{total number of samples}} \times 100$$

Laura Roode
 District Manager
 ERWAT

