

Green Drop – May 2018

Parameters	Unit	Requirement Measurement	Ashton	Bonnievale	Montagu	Robertson	Requirement Measurement (Irrigation 500m³)	McGregor	Total Samples	Total Samples Complying	
pH	at 25°C	5.5 - 9.5	6.68	7.32	7.55	8.15	6.00 - 9.00	7.54	5	5	
Conductivity	mS/m	>70.0 - <150	143	225	129	200	<200	131	5	3	
COD Unfiltered	mg/L	>75.0	45.0	24	19.2	102	<400	132	5	4	
COD Filtered	mg/L	>75.0 After Algae Removal	30.4	9.3	30	69.8	N/A	-	4	4	
Ammonia as N	mg/L	6.0 max	5.3	0.70	2.5	52.0	N/A	-	4	3	
Nitrate as N	mg/L	15.0 max	55.5	4.2	1.3	0.46	N/A	-	4	3	
Nitrite as N	mg/L	15.0 max	<0.20	<0.20	0.58	0.87	N/A	-			
Free Chlorine	mg/L	<0.25	<0.50	1.5	<0.05	1.4	N/A	-			
TSS	mg/L	25	<4	5	13	19	N/A	-	4	4	
Faecal Coliforms	Org/100 ml	1000 max	113	4		39	<100 000	4370	5	4	
E Coli	Org/100 ml	0.0					N/A	-			
								100	%	83.33	
									Total	36	30