

Rietvlei *E.Coli* Water Quality Assessment May to August 2021

RIETVLEI SAMPLING POINTS

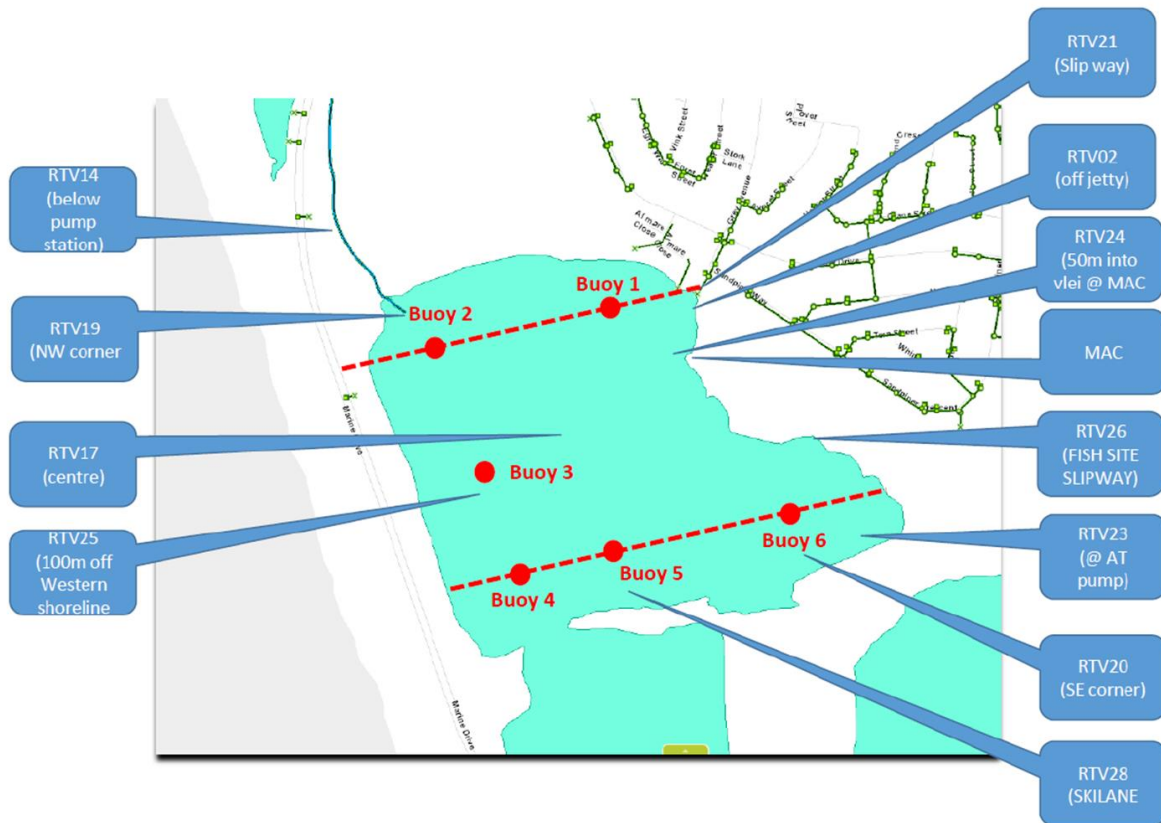


Figure 1: Sampling points for Rietvlei

Table 1: Rietvlei sampling points description and GPS co-ordinates

Sampling point name	Sampling point description	Longitude	Latitude
RTV02	Rietvlei - sample collected from pier in watersport area of vlei	18.492957	-33.835987
RTV04	Stormwater channel from Bayside Mall d/s of Blaauwberg Rd (near Mall parking lot)	18.48751	-33.824643
RTV14	Stormwater channel from Bayside into Rietvlei, below pumpstation.	18.485905	-33.829383
RTV17	Water sport Area middle ; Rietvlei		
RTV19	Rietvlei North West near Bayside canal outlet		
RTV23	Rietvlei South East Corner of Main vlei area AT pump		
RTV24	Rietvlei: 50m into vlei from MAC shoreline, open waterbody.		
RTVBUYO1	Rietvlei water body at Bouy1		
RTVBUYO2	Rietvlei water body at Bouy2		
RTVBUYO4	Rietvlei water body at Bouy4		
RTVBUYO6	Rietvlei water body at Bouy6		
MAC	Milnerton Aquatic Club (Rietvlei)		

Table 2: Rietvlei E.Coli results May – August 2021

Sampled Date	RTV02	RTV04	RTV14	RTV17	RTV19	RTV23	RTV24	MAC	RTVBUIOY1	RTVBUIOY2	RTVBUIOY4	RTVBUIOY6
2021/05/06	8800	103000										
2021/05/11	10			10		10	30					
2021/05/12								100000				
2021/05/23	10000	100000										
2021/05/26								10000				
2021/06/03	30	1900										
2021/06/09								19000				
2021/06/17	67000	87000										
2021/06/21									41000	28000		
2021/06/22	40											
2021/06/23								79000				
2021/06/25	31000								53000	72000		
2021/07/01	61000											
2021/07/07								55000				
2021/07/08	35000								21000	100000		
2021/07/13	21000								38000	44000		
2021/07/15	14000	270000	55000									
2021/07/22	8900									25000		
2021/07/27	9800									8800	9400	21000
2021/08/05	100000	OG	1000000		82000					100000	100000	6700
2021/08/17					19000					4200	3400	3700
2021/08/19	2700	17000										
2021/08/24	34000									53000	29000	23000
Geometric Mean (May-Aug)	5657.75	44547.21	234520.79	10.00	39471.51	10.00	30.00	38313.22	36288.22	32758.29	17448.22	10460.58

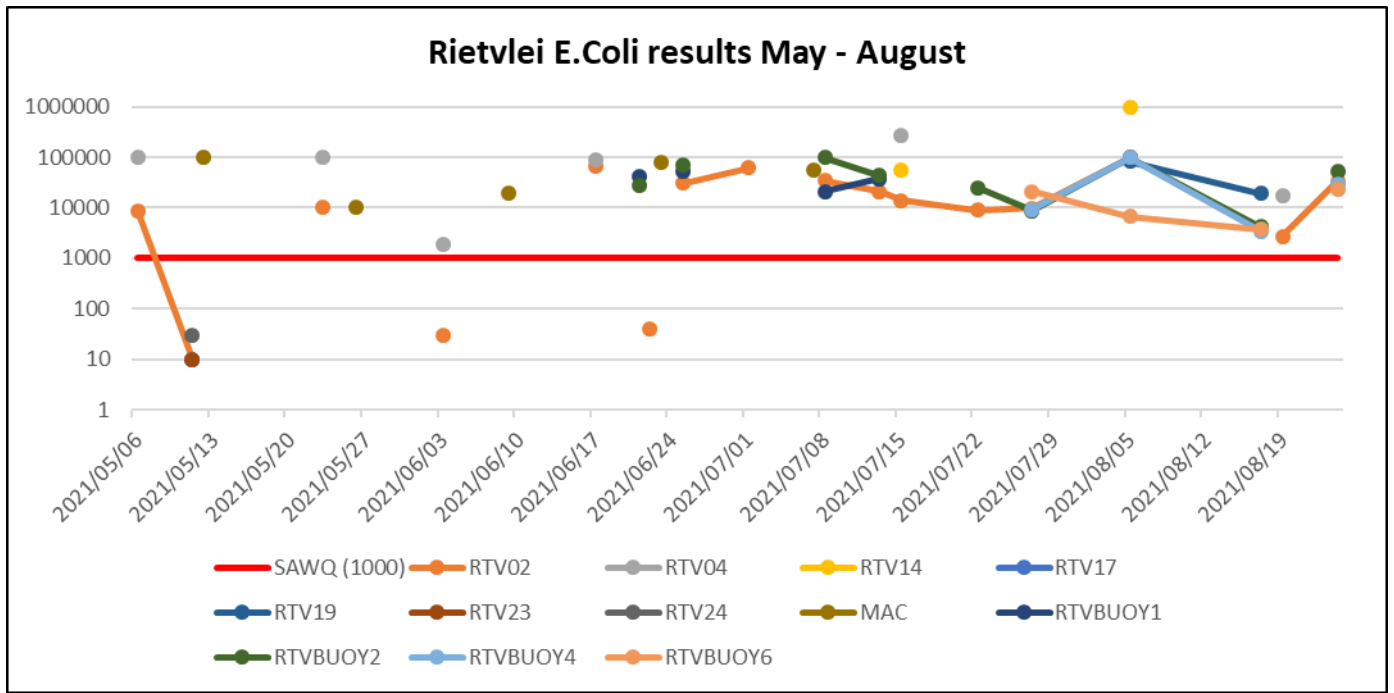


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