

# Rietvlei *E.Coli* Water Quality Assessment May to October 2021

Figure 1: Sampling points for Rietvlei

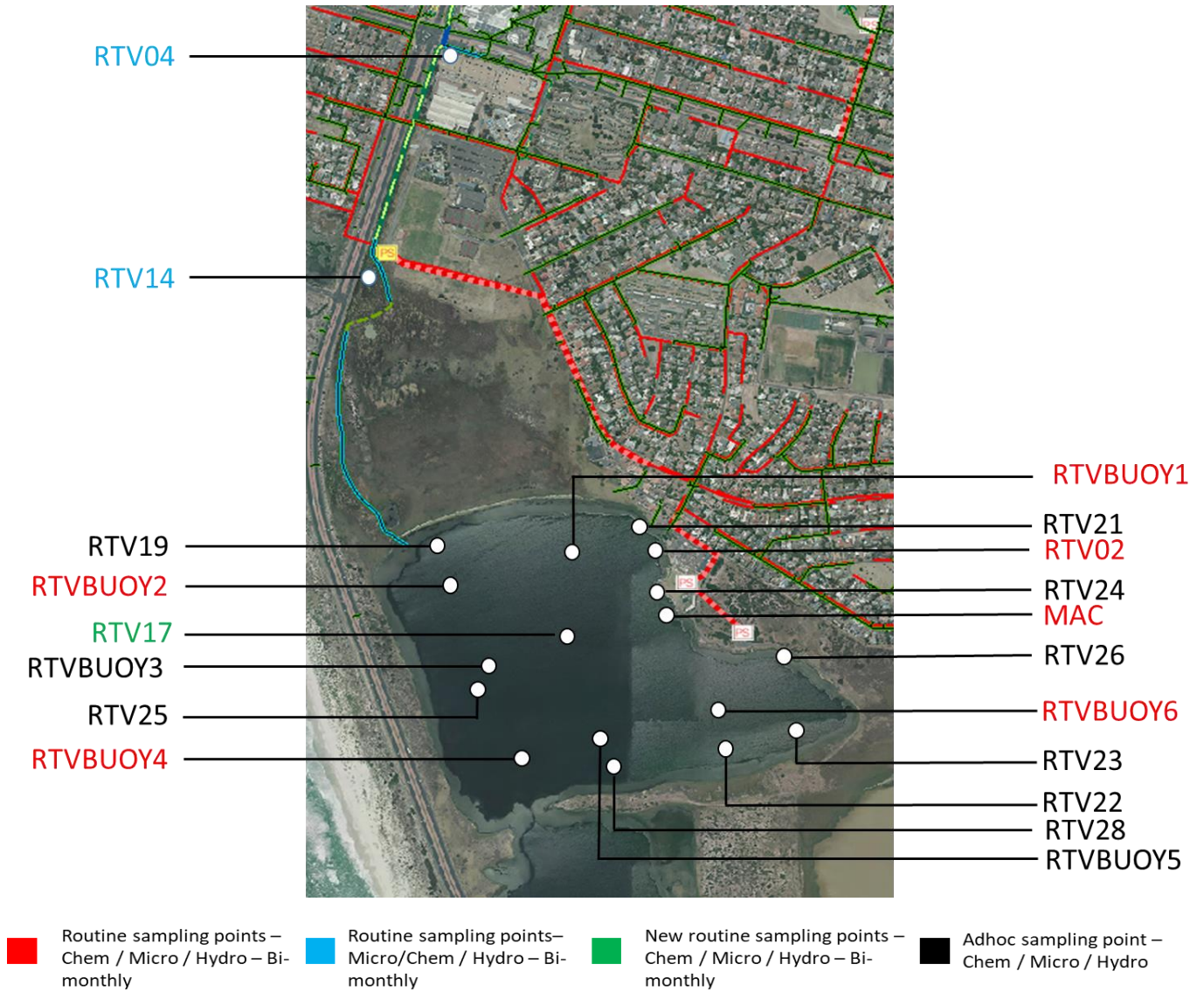


Table 1: Rietvlei sampling points description and GPS co-ordinates

Sampling point name	Sampling point description	Longitude	Latitude
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
RTV02	Rietvlei - sample collected from pier in watersport area of vlei	18.492957	-33.835987
MAC	Milnerton Aquatic Club (Rietvlei)		
RTVBWOY1	Rietvlei water body at Bouy 1		
RTVBWOY2	Rietvlei water body at Bouy 2		
RTVBWOY4	Rietvlei water body at Bouy 4		
RTVBWOY6	Rietvlei water body at Bouy 6		
RTV17	Water sport Area middle ; Rietvlei		
RTVBWOY3	Rietvlei water body at Bouy 3		
RTVBWOY5	Rietvlei water body at Bouy 5		
RTV19	Rietvlei North West near Bayside canal outlet		
RTV21	Rietvlei , Slipway at Yacht Club		
RTV22	Diep River At Railway Bridge near Container Depot	18.529243	-33.809298
RTV23	Rietvlei South East Corner of Main vlei area AT pump		
RTV24	Rietvlei: 50m into vlei from MAC shoreline, open waterbody.		
RTV25	Rietvlei: 100m into vlei from Western Shorline in Ski Lane, open waterbody. 200m north of entrance to Flamingo vlei		
RTV26	Fishing site slipway		
RTV28	Rietvlei water body in SKI LANE (southern shore)		

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

Sampled Date	RTV02	RTV04	RTV14	RTV17	RTV19	MAC	RTVBUEY1	RTVBUEY2	RTVBUEY4	RTVBUEY6
2021/05/06	8800	103000								
2021/05/11	10			10						
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
2021/09/02	6000	100001								
2021/09/06	7900							3900	4200	5200
2021/09/16	700	940000	88000					400	460	600
2021/09/30	2500	>10000000	>10000000		2700			410	620	3600
2021/10/07								700	440	1100
2021/10/15		1100000	>100000	4600	3800	3800	2000	1700	3600	4200
2021/10/29	8600	82000	460000		7900			800	660	600