

Site name	Sample Period	Pumped volume ML/day	HCO ₃	Ca	Cl	F	Mg	K	Na	SO ₄	NO ₃ -N	NO ₂ -N	o-PO ₄ as P	CO ₃	pH	EC	TDS	Alkalinity	Hydroxide Alkalinity	Total Hard	Turbidity	
			mg/L CaCO ₃	mg/L						mg/L N		mg/L	mg/L CaCO ₃	pH	mS/m	mg/L	mg/L CaCO ₃					
ESW-01	Oct 19	62.9	46	299	97	<0.263	72	13	179	1112	4,16	3,90	<0.005	0,33	7,9	240	2014	47	0,04	1044	1,4	
ESW-01	Nov 19	69.8	67	281	124	<0.263	104	15	179	1156	4,73	4,16	0,256	0,63	8,0	243	2022	67	0,05	1130	3,2	
ESW-01	Dec 19	67.9	71	278	116	<0.263	101	14	178	1230	5,42	3,78	<0.005	1,49	8,4	247	2030	72	0,11	1110	1,9	
Wastewater Limit (2013) a		N/A	N/A	N/A		1,0	N/A	N/A	N/A	N/A	15	15	10	N/A	5.5-9.5	150	N/A	N/A	N/A	N/A		
Directive limits										≤3000					6.5-9.5	≤450						
Blesbok spruit Instream Catchment Water Guidelines			HCO ₃	Ca	Cl	F	Mg	K	Na	SO ₄	NO ₃ -N	NO ₂ -N	o-PO ₄ as P	CO ₃	pH	EC						
Ideal					<80	<0.19	<8		<70	<150	<0.5		<0.2		6.5-8.5	<45						
Acceptable					80-150	0.19-0.70	8-30		70-100	150-300	0.5-3.0		0.2			45-70						
Tolerable					150-200	0.70-1.00	30-70		100-150	300-500	3.0-6.0		0.4			70-120						
Not Acceptable					>200	>1.00	>70		>150	>500	>6.0		0.6		<6.5;>8.5	>120						
Site name	Sample Period	Pumped volume ML/day	Al	As	B	Cd	Cr	Co	Cu	Fe	Pb	Mn	Ni	Se	Zn	U	V	Ba	Mo			
ESW-01	Oct 19	62.9	<0.002	<0.006	0,231	<0.002	<0.003	<0.003	0,014	<0.004	<0.004	0,081	<0.002	<0.002	<0.002	<0.015	<0.001	0,003	<0.004			
ESW-01	Nov 19	69.8	0,037	<0.006	0,251	<0.002	<0.003	<0.003	0,02	<0.004	<0.004	0,183	<0.002	<0.002	0,005	<0.015	<0.001	0,003	<0.004			
ESW-01	Dec 19	67.9	<0.002	<0.006	0,228	<0.002	<0.003	<0.003	0,017	<0.004	<0.004	0,084	<0.002	<0.002	<0.002	<0.015	<0.001	0,002	<0.004			
Wastewater Limit (2013) a			N/A	0,020	1,000	0,005	0,010	0,300	0,010	0,100	N/A	N/A	0,020	0,100	N/A	N/A	N/A	N/A	N/A			
Directive limits			1,00	N/A	N/A	N/A	N/A	1,00	N/A	10,00	N/A	N/A	N/A	N/A	0,050	N/A	N/A	N/A	N/A			

Discharge coordinates: Y - 50810.186

X - 2904817.197