

**Using multiple indices for water resource management of a monomictic man-made dam in Southern Africa****Table S3:** Expanded Results of Trophic State as per Trophic Level Index

Year	TLI - TP ( $\mu\text{g/l}$ )	TLI - Chl-a ( $\mu\text{g/l}$ )	TLI - TN ( $\mu\text{g/l}$ )	TLI - SD (m)	Trophic Level	Status
2001	4,20	6,95	6,18	6,19	5,88	Eutrophic
2002	4,26	7,02	6,60	6,47	6,09	Hypertrophic
2003	4,23	6,85	6,83	6,29	6,05	Hypertrophic
2004	4,17	6,81	6,40	6,63	6,01	Hypertrophic
2005	4,36	6,84	7,24	6,37	6,20	Hypertrophic
2006	4,20	7,07	6,82	6,45	6,14	Hypertrophic
2007	4,30	7,87	8,68	7,26	7,03	Hypertrophic
2008	4,22	7,06	8,66	6,51	6,61	Hypertrophic
2009	4,34	6,76	6,75	6,44	6,07	Hypertrophic
2010	4,24	7,13	7,06	6,79	6,31	Hypertrophic
2011	4,24	6,67	6,58	6,88	6,09	Hypertrophic
2012	4,86	6,68	6,85	7,05	6,36	Hypertrophic
2013	4,06	6,93	6,23	7,57	6,20	Hypertrophic
2014	4,31	7,15	7,15	7,49	6,53	Hypertrophic
2015	4,42	7,71	7,02	7,41	6,64	Hypertrophic
2016	4,86	8,40	7,43	7,75	7,11	Hypertrophic
2017	4,26	8,66	6,74	8,11	6,94	Hypertrophic
2018	4,50	8,61	6,93	8,05	7,02	Hypertrophic
2019	4,77	Insufficient data	9,96	Insufficient data	Insufficient data	Hypertrophic
2020	5,90	9,88	7,23	8,04	7,76	Hypertrophic
2021	Insufficient data	9,15	7,37	8,13	Insufficient data	Hypertrophic