

**Using multiple indices for water resource management of a monomictic man-made dam in Southern Africa****Table S2:** Expanded Results of Trophic State as per Carlson Index

Year	TSI - TP (µg/l)	TSI - Chl-a (µg/l)	TSI - SD (m)	Trophic Index	Trophic Status
2001	81,22	65,82	49,23	<b>65,42</b>	Eutrophic
2002	82,04	69,57	50,05	<b>67,22</b>	Eutrophic
2003	80,03	71,57	49,60	<b>67,07</b>	Eutrophic
2004	79,66	67,78	48,98	<b>65,47</b>	Eutrophic
2005	79,93	75,22	51,20	<b>68,78</b>	Eutrophic
2006	82,61	71,52	49,35	<b>67,83</b>	Eutrophic
2007	91,80	88,07	50,46	<b>76,78</b>	Hypertrophic
2008	82,49	87,84	49,59	<b>73,30</b>	Hypertrophic
2009	79,06	70,93	50,99	<b>66,99</b>	Eutrophic
2010	83,29	73,63	49,75	<b>68,89</b>	Eutrophic
2011	78,05	69,35	49,74	<b>65,71</b>	Eutrophic
2012	78,09	71,75	57,34	<b>69,06</b>	Eutrophic
2013	80,99	66,23	47,65	<b>64,96</b>	Eutrophic
2014	83,57	74,41	50,61	<b>69,53</b>	Eutrophic
2015	89,94	73,31	51,97	<b>71,74</b>	Hypertrophic
2016	97,78	76,95	57,40	<b>77,38</b>	Hypertrophic
2017	100,82	70,78	50,01	<b>73,87</b>	Hypertrophic
2018	100,22	72,52	52,93	<b>75,22</b>	Hypertrophic
2019	Insufficient Data	99,44	56,32		Hypertrophic
2020	114,82	75,20	70,35	<b>86,79</b>	Hypertrophic
2021	106,43	76,37			Hypertrophic