

# Zandvlei *E.Coli* Water Quality Assessment May to August 2021

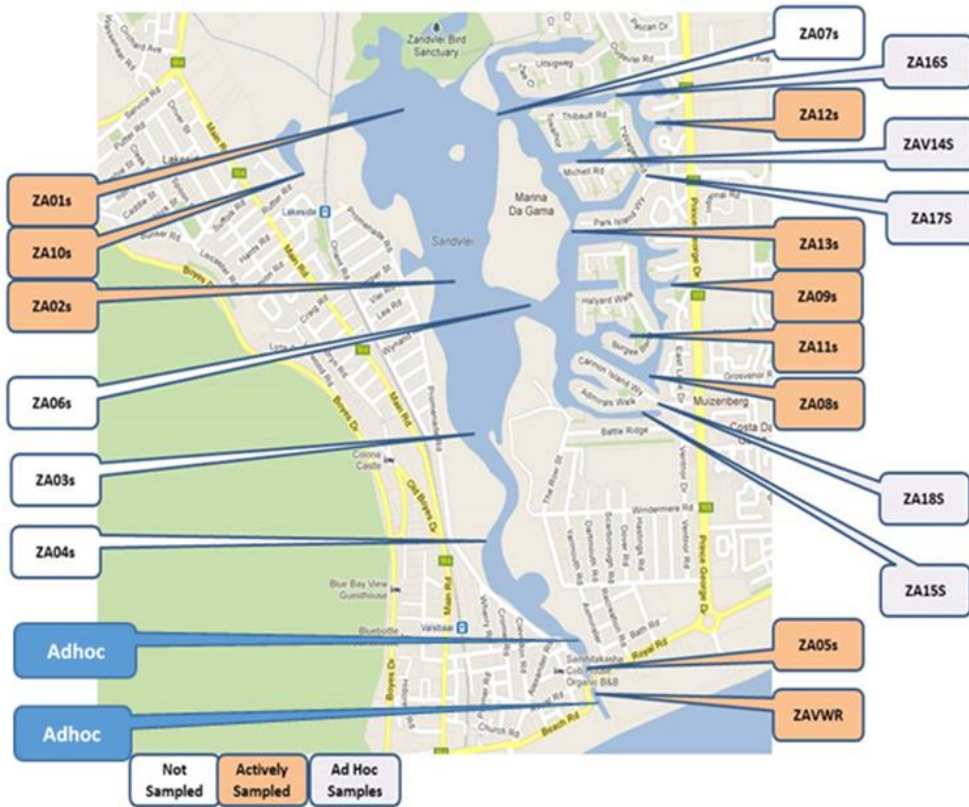


Figure 1: Sampling points for Zandvlei

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

Sampling point name	Sampling point description	Longitude	Latitude
ZA01S	Zandvlei- north, surface	18.466308	-34.085008
ZA02S	Zandvlei- centre (opposite Imperial Yacht Club), surface	18.468618	-34.089862
ZA03S	Zandvlei- south (opposite Playwaters), surface		
ZA04S	Outlet channel - midway to mouth, surface		
ZA05S	Outlet channel near Royal Road bridge, surface	18.474782	-34.103757
ZA08S	Marina da Gama canal near "The Anchorage", surface	18.476282	-34.09246
ZA09S	Marina da Gama canal - South of Spearhead Rd, surface	18.47801	-34.093385
ZA10S	Westlake Wetland opposite Rutter Road	18.460763	-34.086912
ZA11S	Marina da Gama canals - East Lake , surface	18.47872	-34.09085
ZA12S	Marina da Gama canals - Baalen Way, surface	18.47805	-34.085423
ZA13S	Marina da Gama canals - under Park Island Bridge, surface	18.474143	-34.08888
ZAVWR	Zandvlei at rubble weir	18.475135	-34.104883

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

Sampling date	ZA01	ZA02S	ZA03S	ZA04S	ZA05S	ZA08S	ZA09S	ZA10S	ZA11S	ZA12S	ZA13S	ZAWEIR
2021/05/14	-	-			-	-	-	-	-	-	-	-
2021/05/18	8300000	4600			-	-	-	-	-	-	-	-
2021/05/21	10900	11000			-	-	-	-	-	-	-	-
2021/05/23	-	-			-	-	-	-	-	-	-	-
2021/05/27	10000	3800			-	-	-	-	-	-	-	-
2021/06/01	3400	5300			-	-	-	96000	-	-	-	-
2021/06/10	30	63000			76000	690	490	94000	240	29	190	1000
2021/06/22	810	25000			-	-	-	-	-	-	-	-
2021/06/29	52000	65000			-	-	-	-	-	-	-	-
2021/07/08	10000	200000			24000	27000	12000	16000	13000	-	-	34000
2021/07/19	3100	6300			-	-	-	-	-	-	-	-
2021/07/26	69000	54000			-	-	-	-	-	-	-	-
2021/08/05	>100000	5900	3200	3000							980	-
2021/08/12	>100000	53000			5800	7100	8800	26000	41000	4400	6300	5400
2021/08/23	430000	106000	42000	86000							44000	
<b>Geometric Mean May-Aug 2021</b>	<b>18764.14</b>	<b>21690.88</b>	<b>11593.1</b>	<b>16062.38</b>	<b>21952.51</b>	<b>5095.151</b>	<b>3726.376</b>	<b>44017.27</b>	<b>5038.634</b>	<b>357.2114</b>	<b>2680.361</b>	<b>5683.609</b>

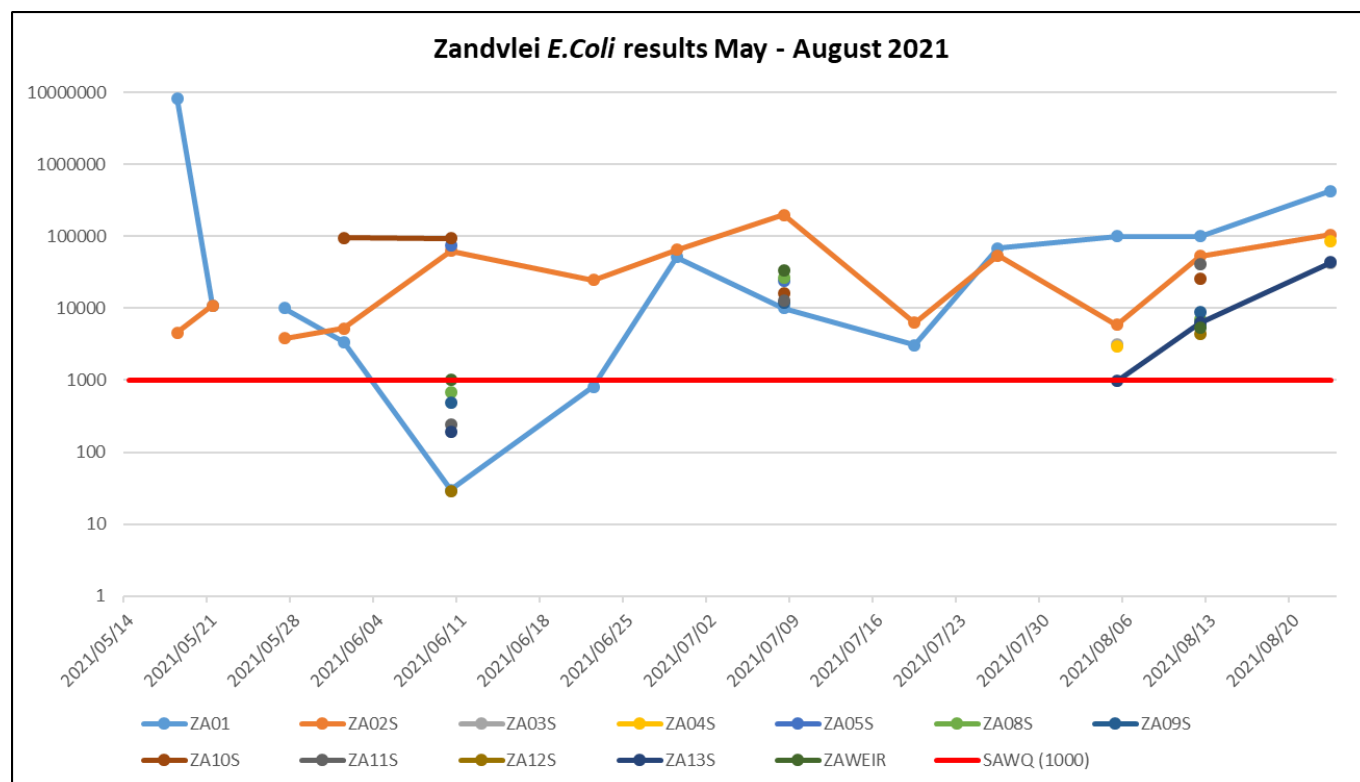


Figure 2: Zandvleii E.Coli results May – August 2021