

**Table 2:** Estradiol equivalents concentrations (ng/L) in source water from Gauteng (GP), Mpumalanga (MP) and Limpopo (LP) provinces, South Africa, using the yeast estrogen screen (YES).

Sample site code	Sample site name	EEq (ng/L)	
		Dry season	Wet season
Gauteng Province			
GP1	DWTP raw	<DL	1.05 ± 0.10
GP2	DWTP final treated	<LOQ	<LOQ
GP3	DWTP backwash	<LOQ	<DL
Limpopo Province			
LP1	Luvuvhu River	<LOQ	<DL
LP2	Doornspruit River	0.14 ± 0.08	<DL
LP3	Albasini Dam outlet	<LOQ	103.16 ± 40.50
LP4	Nandoni Dam inlet	1.38 ± 0.08	<DL
LP5	Nandoni Dam outlet	0.18 ± 0.14	<LOQ
Mpumalanga Province			
MP1	Borehole water	<LOQ	0.16 ± 0.01
MP2	Middle of wetland	<DL	<DL
MP3	Bottled water	1.21 ± 0.19	<DL
MP4	Natural spring	<LOQ	<DL
MP5	Upstream wetland	6.11 ± 0.29	<LOQ
MP6	Martin's Dam (DWTP raw)	<DL	<LOQ
MP7	Downstream wetland	<DL	<LOQ
MP8	DWTP final treated	<LOQ	<DL
MP9	WWTP effluent	42.55 ± 3.71	4.96 ± 0.44
MP10	Zaaihoek Dam inlet	<DL	<DL

< DL: below the detection limit of the assay. <LOQ: below the level of quantification.