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Supplementary Table 1: Physicochemical parameters tested, including compliance to Mangaung Effluent Discharge By-Laws. Values with red font mean non-compliance.

Sample Day	Temp °C	pH	EC mS/m	TS mg.L ⁻¹	TDS mg.L ⁻¹	TSS mg.L ⁻¹	STS mg.L ⁻¹	TVS mg.L ⁻¹	FOG mg.L ⁻¹	TOC mg.L ⁻¹	NH ₃ mg.L ⁻¹	NO ₃ ⁻ mg.L ⁻¹	TKN mg.L ⁻¹	PO ₄ ³⁻ mg.L ⁻¹	SO ₄ ²⁻ mg.L ⁻¹	Cl ⁻ mg.L ⁻¹	CaCO mg.L ⁻¹	tCOD mg.L ⁻¹	sCOD mg.L ⁻¹
Limits		6-10	500			1000			400					100	1500		1000	5000	5000
1	25,97	7,29	103,25	3430	826,5	710	13,25	2693,3	<1	343	31	60	346	35,7	110	164	1090	5770	5240
2	24,875	7,47	93,25	2533,33	746	557	12,5	2460	<1	38	20	50	331	26,8	100	200	1310	4920	4150
3	25,7	7,555	152,15	7050	1217	1250	22,5	5450	<1	600	98	75	701	36,3	90	141	1600	9160	8270
4	25,15	7,5	112,15	4183,3	897,5	712	13,5	3290	<1	398	42	69	438	23,9	60	175	1480	5350	4430
5	26,25	7,19	101,95	3480	815,5	1430	15,5	2903,3	<1	490	45	70	4456	56,2	110	213	1470	6180	4200
6	28,2	7,37	78,6	1326,6	628	176	2,75	1166,6	<1	130	8	5	136	15,5	10	193	890	1220	740
7	26,525	7,565	104	4993,3	832	1030	15,75	4403,3	<1	443	22	40	491	43,2	130	163	1640	6690	5580
8	24,85	7,705	91,3	3953,3	730	476	13,5	3696,6	<1	485	15	78	369	29,1	60	173	1530	4570	4310
9	24,95	7,55	105,6	3986,6	845	499	7,5	3690	<1	433	48	10	334	21,8	40	193	1580	4790	4210
10	25,15	7,63	89,4	3546,6	715	552	7,5	3026,6	<1	253	11	44	151	30,4	40	202	1340	2790	1810
Mean	25,762	7,482	103,165	3848,33	825,25	739,2	12,425	3278	<1	341,3	34	50,1	775,3	31,89	75	181,7	1393	5144	4294
Min	24,85	7,19	78,6	1326,67	628	176	2,75	1166,6	<1	38	8	5	136	15,5	10	141	890	1220	740
Max	28,2	7,705	152,15	7050	1217	1430	22,5	5450	<1	600	98	78	4456	56,2	130	213	1640	9160	8270
SD	1,045	0,15	19,78	1497,91	158,3	385,3	5,44	1154,7	0	176,20	26,6	25,8	1303,31	11,6	38,6	22,1	241	2146,5	2033,4
% Non-Compliance		0	0			30			0					0	0		90	50	30