

Table 1. Evaluation of purification system, water safety requirements and microbial pollution with total coliform and faecal coliform in each of the 64 MWPPs, 2018–2020, 2022.

MWPP No.	Evaluation year											
	2018			2019			2020			2022		
	PS (%)	WSR (%)	MP (%)	PS (%)	WSR (%)	MP (%)	PS (%)	WSR (%)	MP (%)	PS (%)	WSR (%)	MP
1	98	73	45	84	77	77	88	90	0.0	95	89	Unpolluted*
2	84	81	45	84	87	8.5	84	81	13.1	95	70	Unpolluted
3	68	39	8.4	61	85	0.0	59	87	14.1	57	68	Unpolluted
4	58	74	45	64	80	8.5	69	84	45	66	80	Polluted**
5	84	74	48	80	78	7.7	89	88	0.0	90	65	Unpolluted
6	84	88	48	77	90	21.4	83	94	14.1	96	95	Polluted
7	66	57	54	64	73	21.4	80	81	0.0	81	81	Polluted
8	88	58	46.7	84	73	27.5	86	86	8.1	95	69	Unpolluted
9	87	81	46.7	80	71	8.1	88	78	0.0	90	71	Unpolluted
10	90	80	40	84	85	40	84	78	0.0	94	75	Unpolluted
11	80	71	48	74	67	40	81	69	60	55	69	Polluted
12	55	69	44	77	61	14.7	93	69	50	89	57	Polluted
13	84	64	37.5	75	66	15.4	84	68	44.4	61	58	Polluted
14	60	73	13.1	74	74	7.7	81	77	0.0	80	73	Unpolluted
15	70	67	37.5	78	68	0.0	78	76	0.0	75	48	Unpolluted
16	84	81	18.6	81	81	18.8	93	81	0.0	88	51	Polluted
17	84	75	48	84	76	80	92	69	0.0	90	76	Unpolluted
18	70	68	46.7	71	69	8.5	88	69	0.0	87	69	Unpolluted
19	80	82	8.4	81	71	15.4	81	69	13.1	84	49	Unpolluted
20	85	84	22.4	84	87	0.0	84	87	0.0	78	73	Unpolluted
21	89	74	42.4	89	70	27.5	95	73	0.0	84	52	Polluted
22	80	68	42.4	81	68	21.4	82	69	18.1	84	53	Unpolluted
23	90	90	8.4	84	90	11.1	84	86	0.0	71	68	Unpolluted
24	83	69	46.7	87	75	0.0	96	83	0.0	96	69	Unpolluted
25	81	82	8.4	86	83	11.1	89	80	0.0	95	67	Unpolluted
26	62	65	55.4	74	65	14.5	99	70	0.0	95	72	Unpolluted
27	86	82	46.7	80	77	8.1	83	72	8.1	81	72	Unpolluted
28	55	60	13.1	58	70	25.0	57	70	42.9	59	48	Polluted
29	77	84	22.4	80	83	0.0	89	89	0.0	85	71	Unpolluted
30	71	74	14.1	68	75	21.4	71	71	0.0	65	48	Unpolluted
31	73	82	14.1	85	77	21.4	92	77	10.0	90	67	Polluted
32	81	82	18.6	89	80	14.5	96	81	10.0	96	57	Polluted
33	81	69	18.6	64	59	30.8	63	58	25.0	45	43	Unpolluted
34	81	76	18.6	84	75	25.0	81	81	12.1	95	54	Polluted

Table 2. Evaluation of purification system, water safety requirements and microbial pollution with total coliform and faecal coliform in each of the 64 MWPPs, 2018–2020, 2022.

MWPP No.	Evaluation year											
	2018			2019			2020			2022		
	PS (%)	WSR (%)	MP (%)	PS (%)	WSR (%)	MP (%)	PS (%)	WSR (%)	MP (%)	PS (%)	WSR (%)	MP
35	86	65	12.4	84	94	0.0	89	91	0.0	81	75	Unpolluted
36	77	65	8.4	77	74	53.5	90	58	0.0	94	43	Polluted
37	56	59	8.4	65	69	35.7	68	74	46.2	59	41	Polluted
38	66	58	62.4	58	70	14.5	68	82	12.1	75	55	Polluted
39	80	82	8.4	80	85	21.4	89	89	14.7	100	87	Unpolluted
40	90	76	8.4	77	81	7.7	93	77	50.4	87	68	Unpolluted
41	75	76	8.4	84	67	0.0	90	84	10.1	96	70	Unpolluted
42	64	85	18.6	73	85	0.0	98	89	28.6	87	69	Unpolluted
43	90	85	46.7	74	81	8.5	84	78	0.0	94	57	Unpolluted
44	80	74	57.1	78	83	25.0	87	89	14.5	87	80	Unpolluted
45	80	71	25.4	75	70	20.0	84	71	13.1	84	45	Unpolluted
46	76	71	46.7	78	75	15.4	84	81	9.1	83	49	Unpolluted
47	35	83	13.1	66	86	53.5	84	89	0.0	87	75	Unpolluted
48	73	70	46.7	74	81	15.4	84	89	0.0	43	70	Unpolluted
49	85	79	42.4	77	77	20.0	89	84	25.4	85	64	Polluted
50	84	64	92.4	74	60	44.7	89	77	28.6	90	80	Unpolluted
51	75	76	22.4	78	79	25.0	97	87	10.1	85	56	Unpolluted
52	60	59	66.7	79	85	53.5	75	73	28.6	84	55	Polluted
53	86	80	8.4	77	80	14.7	84	81	12.5	100	73	Polluted
54	86	83	25.4	81	71	13.1	90	68	102.4	96	51	Unpolluted
55	85	83	18.6	89	81	7.7	80	87	25.4	87	64	Unpolluted
56	83	82	8.4	89	84	15.4	89	93	0.0	100	89	Unpolluted
57	83	72	8.4	80	75	9.1	86	75	13.1	90	53	Unpolluted
58	58	61	92.4	77	64	18.6	90	73	12.1	96	43	Unpolluted
59	60	39	75.4	74	48	46.5	90	62	42.9	35	27	Polluted
60	60	52	57.1	71	81	25.0	89	79	13.1	84	28	Unpolluted
61	70	77	22.4	80	81	14.5	90	81	0.0	90	69	Unpolluted
62	80	69	37.5	80	79	10.0	89	78	0.0	88	42	Unpolluted
63	77	70	13.1	78	73	14.7	88	84	12.5	85	65	Polluted
64	75	70	42.4	78	70	50.0	84	72	13.1	80	52	Unpolluted

PS = purification system; WSR = water safety requirements; MP = microbial pollution.

*The water is bacteriologically unpolluted as the result of total coliforms and faecal coliforms test should be values below 100. **Water is bacteriologically polluted because the test result (total coliform and faecal coliform) showed more of colonies/100 ml.