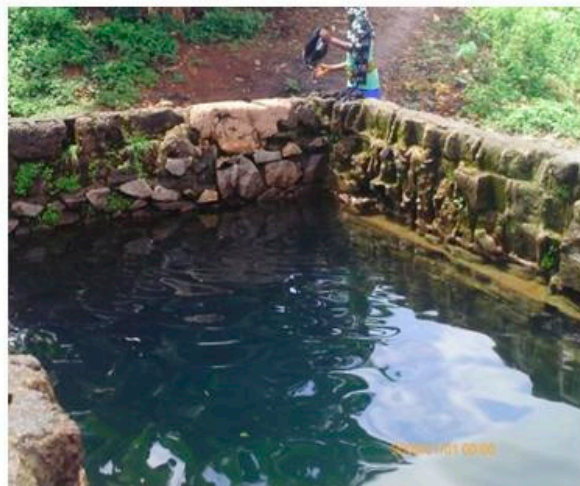


Table S1: Mean values of different microbiological parameters on water samples by the selected L. G. A. in Oyo, Osun and Lagos State.

Microbial Parameters		Local Government Areas											
		Ibadan North	Akinyele	Ibadan SE	Ibadan NW	Ife North	Ife East	Ife South	Ife Central	Mushin	Surulere	Odi-Olowo	Yaba
Heterotrophic plate count cfu/100 mL	Stored	60.0±13.3	88.2±23.6	196.1±9.2	266.1±12.2	101.7±15.2	124.6±12.4	91.4±18.8	60.0±13.3	173.6±24.6	47.8±12.1	149.6±14.4	78.10±30.8
	Source	71.9±6.5	44.2±3.9	61.0±6.6	146.5±14.5	70.2±2.0	80.6±3.9	70.2±1.2	71.9±6.5	78.9±14.4	125.4±9.7	50.0±0.0	55.3±19.6
Total coliform count cfu/100 mL	Stored	3.1±1.5	15.2±10.2	91.1±30.4	4.2±2.3	41.3±12.8	3.7±1.1	85.1±13.5	3.7±1.5	156.8±42.9	10.6±3.6	86.5±28.7	34.0±9.6
	Source	0.5±0.3	0.0±0.0	44.5±14.8	0.0±0.0	3.0±0.8	1.8±0.5	30.0±10.0	1.8±0.3	90.6±38.1	23.1±2.7	50.8±5.2	35.1±12.2
Faecal coliform count cfu/100 mL	Stored	0.0±0.0	0.0±0.0	57.1±19.2	0.8±0.7	64.3±14.2	0.0±0.0	64.3±10.0	0.0±0.0	40.7±26.1	0.7±0.6	7.5±3.2	2.1±1.1
	Source	0.0±0.0	0.0±0.0	40.0±13.3	0.0±0.0	22.2±3.6	0.0±0.0	22.2±0.0	0.0±0.0	0.2±0.2	4.1±1.4	1.2±1.2	0.0±0.0
Enterococcus count cfu/100 mL	Stored	0.2±0.2	9.3±4.1	136.4±28.8	51.2±14.3	75.9±15.1	0.0±0.0	65.1±14.6	0.0±0.0	100.7±15.8	0.9±0.5	3.4±3.1	0.1±0.1
	Source	0.0±0.0	0.4±0.3	42.0±7.1	5.5±0.8	22.6±4.7	0.0±0.0	28.5±5.2	0.0±0.0	42.6±16.7	24.2±7.3	0.0±0.0	0.0±0.0
Fungi count (cfu/100 mL)	Stored	40.8±8.8	61.6±3.4	151.1±13.7	144.9±11.3	61.6±3.4	91.8±5.4	167.8±38.3	91.8±8.8	107.4±12.2	81.8±17.6	141.9±11.9	43.8±7.8
	Source	39.6±7.4	40.8±4.8	67.1±2.4	76.0±2.4	34.4±6.4	60.0±4.1	50.5±16.5	60.0±7.4	64.5±10.9	154.6±11.7	157.1±0.1	89.9±6.0



**Figure S1: Gbaro spring
water Olode (Ife South)**



**Figure S2: Alum water
Olode (Ife South)**