

Water Treatment Method Comparison

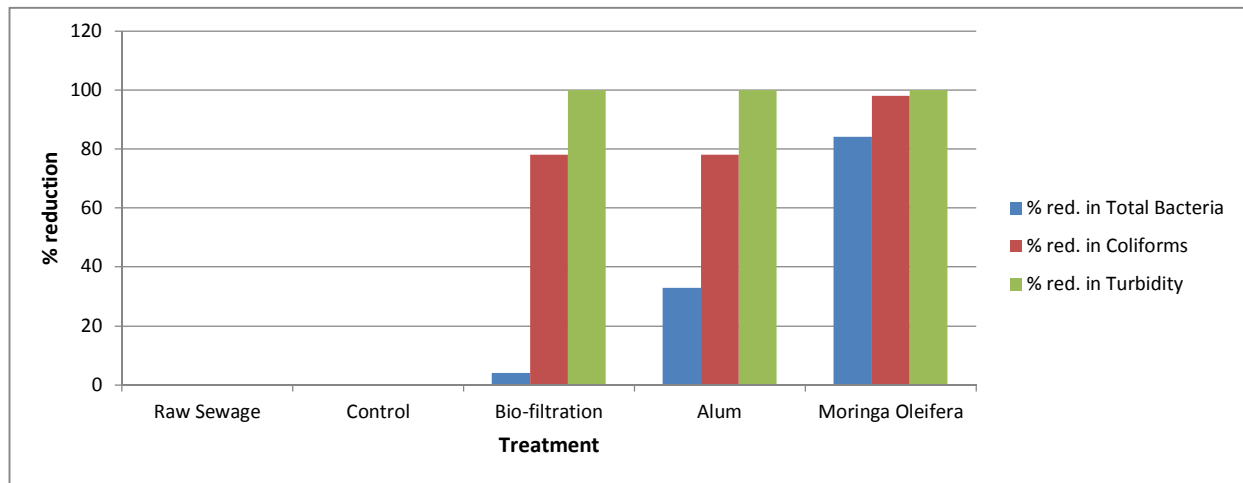


Fig. 1: Percent reduction in total bacteria, coliform number, and turbidity

	Raw Sewage	Control	Bio-filtration (sand)	Alum	Moringa Oleifera
% red. in Total Bacteria	0	0	4	33	84
% red. in Coliforms	0	0	78	78	98
% red. in Turbidity	0	0	100	100	100

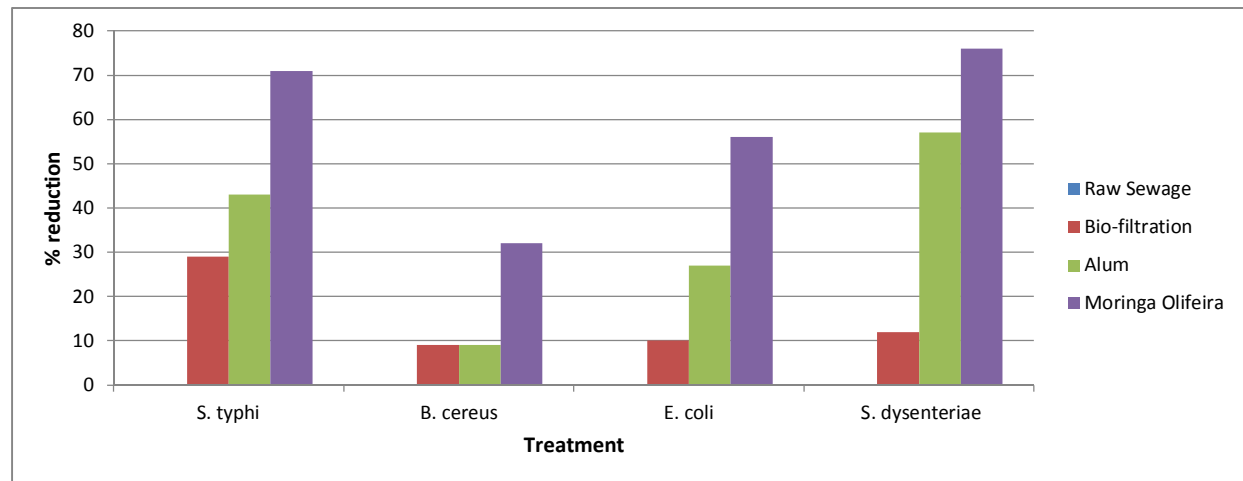


Fig. 2: Percent reduction of test organisms in sewage

	Salmonella typhi	Bacillus cereus	Escherichia coli	Shigella dysenteriae
Raw Sewage	0	0	0	0
Bio-filtration (sand)	29	9	10	12
Alum	43	9	27	57
Moringa Oleifera	71	32	56	76