

Raw water quality										Product water quality required		
										Sr #	Parameters	Detail
Sites		Rawan	Namurdi	Khutu	Kharoos	Ghairywahin	Jhalareen	Ali shah	Jhanga	1	Color	Colorless
Total number of users	Permissible Limit	2500	2500	2500	2500	2250	600	600	600	2	pH	6.5-7.5
Plant capacity Ltr/Hr		1000	1000	1000	1000	1000	180	500	180	3	Alkalinity (ppm)	Within permissible Limits
Color	Colorless	Yellowish	Colorless	Colorless	Colorless	Colorless	Yellowish	Colorless	Colorless	4	Bicarbonate (ppm)	Within permissible Limits
Electrical conductivity (us/cm)	NGVS	5094	5444	2170	4540	1750	2758	662	921	5	Calcium (ppm)	Within permissible Limits
pH	6.5-8.5	7.15	6.62	7.91	7.29	7.22	7.67	7.94	8.17	6	Carbonate (ppm)	Within permissible Limits
Alkalinity (ppm)	NGVS	150	160	70	120	70	140	70	90	7	Chloride (ppm)	Within permissible Limits
Bicarbonate (ppm)	NGVS	150	160	70	120	70	140	70	90	8	Hardness (ppm)	Within permissible Limits
Calcium (ppm)	200	56	60	68	124	168	104	48	72	9	Magnesium (ppm)	Within permissible Limits
Carbonate (ppm)	NGVS	0	0	0	0	0	0	0	0	10	Potassium (ppm)	Within permissible Limits
Chloride (ppm)	250	1125	1370	65	135	380	770	40	75	11	Sodium (ppm)	Within permissible Limits
Hardness (ppm)	500	200	250	220	420	650	370	200	400	12	Sulfate (ppm)	Within permissible Limits
Magnesium (ppm)	150	15	25	12.5	27.5	57.5	27.5	20	55	13	Nitrate (ppm)	Within permissible Limits
Potassium (ppm)	12	x	x	x	x	x	x	x	x	14	Turbidity (NTU)	Within permissible Limits
Nitrite (ppm)	3	0.12	0.12	2.1	52	0	1.36	0.21	0.19	15	TDS (ppm)	200-300
Sulfate (ppm)	250	210	205	82	263	210	435	90	105	16	Arsenic (ppb)	Within permissible Limits
Nitrate (ppm)	10	9.85	10.5	0.4	0.2	0.4	2.39	0.61	0.63	17	Flouride (ppm)	Within permissible Limits
Turbidity (NTU)	5	5.39	1.7	2.25	1.4	0.59	0.02	0.2	0.11	18	Iron (ppm)	Within permissible Limits
TDS (ppm)	1000	3410	3540	1388	2905.6	1140	1790	430	600	19	Total Colifarm (CFU/100ml)	Nil
Arsenic (ppb)	10	12	36	43	7	11	43	68	41	20	Fecal Colifarm (CFU/100ml)	Nil
Flouride (ppm)	1.5	1.64	1.71	0.41	0.41	0.3	1.01	0.48	0.74	21	Ecoli (CFU/100ml)	Negative
Iron (ppm)	0.3	0	0	0	0	0	0	0	0			