

6.0 Product Water Storage					
6.1	Number of tanks				
6.2	Total Capacity				
6.3	Type of tank				
6.4	Type of disinfectant if any				
6.5	What are the parameters displayed in the plant meters				
6.6	Has there been any regular testing of water from laboratories				
6.7	In emergencies for how many days stored water can be used				
6.8	Has there been any cross connection in the plumbing				
7.0 Groundwater Quality (to be filled by registered permanent EIA consultant)					
7.1.0	Ground water quality (from a certified laboratory)	Within RO plant facility			
		Location -1	Location -2	Location -3	Location -4
7.1.1	GPS coordinates				
7.1.2	Electrical Conductivity (µS/cm)				
7.1.3	Salinity (%)				
7.1.4	pH				
7.1.5	Temperature (°C)				
7.1.6	Oil (Total Hydro Carbon) (mg/l)				
For community and industrial needs					
7.2.0	Product Water (from a certified laboratory)	Reference	Storage tank	Main kitchen	Staff room
7.2.1	pH	6.5-8.5			
7.2.2	Temperature	25-30 °C			
7.2.3	Turbidity	0.0NTU			
7.2.4	Electrical Conductivity	<1000µS/cm			
7.2.5	Total Dissolved Solids (TDS)	<500mg/l			
7.2.6	Free Chlorine (if applicable)	0.2-0.5 mg/l			
7.2.7	Chloride	<200mg/l			
7.2.8	Boron	<0.3mg/l			
7.2.9	Copper	<1mg/l			
7.2.10	Flouride	0.1-1.5mg/l			
7.2.11	Iron	0.01-0.3mg/l			
7.2.12	Total hardness (Ca and Mg)	<150mg/l			
7.2.13	Iodine	0.01-0.3mg/l			
7.2.14	Nitrates	0.0 mg/l			
7.2.15	Nitrite	0.0 mg/l			
7.2.16	Ammonia	0.0 mg/l			
7.2.17	Phosphate	0.0 mg/l			
7.2.18	Sulphate	0.0 mg/l			
7.2.19	Sulphite	0.0 mg/l			
7.2.20	Total Coliform (cfu/100ml)	0/100ml			
7.2.21	Faecal Coliform (cfu/100ml)	0/100ml			
7.3.0	Brine discharge location (from a certified laboratory)	Reference	Sample 1	Sample 2	Sample 3
7.3.1	GPS coordinates				
7.3.2	pH	7.5-8.5			
7.3.3	Temperature(°C)	25-30			
7.3.4	Electrical Conductivity (µS/cm)	35000 - 60000			
7.3.5	Salinity (%)	30-35%			
7.3.6	Dissolved Oxygen (mg/l)	4-6mg/l			
7.3.7	TDS (mg/l)	15000-26000			
7.3.8	Biological Oxygen Demand(mg/l)	<20			
7.3.9	Chemical Oxygen Demand(mg/l)	<20			

