



Ariescor Project Design Checklist (Water Treatment)	
<b>Project Name:</b>	
<b>Client Name:</b>	
<b>Project Location:</b>	
<b>Water Treatment Plant Process (If Existing)</b> <input type="checkbox"/> Media Filtration <input type="checkbox"/> Coagulation and Flocculation <input type="checkbox"/> Membrane Filtration <input type="checkbox"/> Ion Exchange <input type="checkbox"/> Other: _____	<b>Water Treatment Plant (WTP)</b> <input type="checkbox"/> Upgrade of Existing System <input type="checkbox"/> Rehabilitation of Existing System <input type="checkbox"/> New (Design and Construction) <input type="checkbox"/> Other: _____
<b>Type of Establishment/Building/Industry</b> <input type="checkbox"/> Residential/Domestic <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Other: _____	<b>Types of Raw Water</b> <input type="checkbox"/> River <input type="checkbox"/> Deepwell <input type="checkbox"/> Lake <input type="checkbox"/> Other: _____
<b>Design Capacity/Flowrate of the System (CMD/LPD/GPD):</b> _____	
<b>Project Timeline:</b> _____ <b>Hours of Operation:</b> _____	
<b>Allocated Area:</b> _____	
<b>Voltage Supply:</b> _____	
<b>Remarks:</b>	
<b>Proponent Representative:</b> _____	<b>Client Conformed:</b> _____
<b>Designation:</b> _____	<b>Designation:</b> _____



<b>Raw Water Analysis</b>			
(These are the parameters needed for the design of Wastewater Treatment Plant)			
<b>Parameters</b>	<b>Unit</b>	<b>Raw</b>	<b>Product</b>
<b>Total Dissolved Solids</b>	mg/L		
<b>Biochemical Oxygen Demand (BOD)</b>	mg/L		
<b>Hardness as CaCO<sub>3</sub></b>	mg/L		
<b>Iron</b>	mg/L		
<b>Manganese</b>	mg/L		
<b>Arsenic</b>	mg/L		
<b>pH</b>	-		
<b>Cadmium</b>	mg/L		
<b>Lead</b>	mg/L		
<b>Nitrate (NO<sub>3</sub>-N)</b>	mg/L		
<b>Color</b>	TCU		
<b>Turbidity</b>	NTU		
<b>Sulfate</b>	mg/L		
<b>Chloride</b>	mg/L		
<b>Benzene</b>	mg/L		

\*required – results of the specific parameters are required for the best design that suits the establishment

**\*\*Please attach other documents required for Ariescor’s Best and Most Economical Design:**

- a. ROLA – Results of Laboratory Analysis of Raw Water
- b. As-built (for Existing Establishments)
- c. Site Development (For Developing or Existing Establishments)
- d. Sketch or Plan of the Allocated Area (For Developing or Existing Establishments)