



### Ariescor Project Design Checklist

<b>Project Name:</b>	
<b>Client Name:</b>	
<b>Project Location:</b>	

<b>Sewage Treatment Plant Process (If Existing)</b>		<b>Sewage Treatment Plant (WWTP)</b>	
<input type="checkbox"/>	Sequencing Batch Reactor (SBR)	<input type="checkbox"/>	Retrofitting of Existing System
<input type="checkbox"/>	Conventional System (CAS)	<input type="checkbox"/>	Rehabilitation of Existing System
<input type="checkbox"/>	Moving Bed Biofilm Reactor (MBBR)	<input type="checkbox"/>	New (Design and Construction)
<input type="checkbox"/>	Membrane Bioreactor (MBR)	<input type="checkbox"/>	Other: _____
<input type="checkbox"/>	Other: _____		

<b>Type of Establishment/Building/Industry</b>		<b>Types of Wastewater</b>	
<input type="checkbox"/>	Residential/Domestic	<input type="checkbox"/>	Residential/Domestic Wastewater
<input type="checkbox"/>	Commercial	<input type="checkbox"/>	Commercial Wastewater
<input type="checkbox"/>	Industrial	<input type="checkbox"/>	Industrial Wastewater
<input type="checkbox"/>	Other: _____	<input type="checkbox"/>	Other: _____

**Design Capacity/Flowrate of the System (CMD/LPD/GPD):** \_\_\_\_\_

Other Details needed if the Design Capacity is not available:

<input type="checkbox"/>	Water Consumption/Bill (Atleast 3 Months)	<input type="checkbox"/>	Other: _____
<input type="checkbox"/>	Estimated Water Consumption by Plumbing (If New)		

**Name of Receiving Body of Water:** \_\_\_\_\_

**Hours of Operation:** \_\_\_\_\_ Hours

**Allocated Area:** \_\_\_\_\_ mLength \_\_\_\_\_ mWidth \_\_\_\_\_ mDepth

**Voltage Supply:** \_\_\_\_\_ Volts \_\_\_\_\_ Phase

**Project Timeline:** \_\_\_\_\_ Months

**Alloted Budget:** \_\_\_\_\_

**Remarks:**

Proponent Representative: \_\_\_\_\_ Client Conformed: \_\_\_\_\_

Designation: \_\_\_\_\_ Designation: \_\_\_\_\_



<b>Wastewater Analysis</b>			
(These are the parameters needed for the design of Wastewater Treatment Plant)			
<b>Parameters</b>	<b>Unit</b>	<b>Influent</b>	<b>Effluent*</b>
<b>Biochemical Oxygen Demand (BOD<sub>5</sub>)</b>	mg/L		
<b>Chemical Oxygen Demand (COD)</b>	mg/L		
<b>Ammonia (NH<sub>4</sub>-N)</b>	mg/L		
<b>Nitrate (NO<sub>3</sub>-N)</b>	mg/L		
<b>Phosphate (PO<sub>4</sub>)</b>	mg/L		
<b>Alkalinity as CaCO<sub>3</sub></b>	mg/L		
<b>pH</b>	-		
<b>Temperature</b>	°C		
<b>Total Suspended Solids</b>	mg/L		
<b>Oil and Grease</b>	mg/L		

\*Fill up if there is an existing Wastewater Treatment Plant

\*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 Wastewater Effluent (for Existing Establishments)
- b. As-built (for Existing Establishments)
- c. Site Development (For Developing or Existing Establishments)
- d. Sketch of the Allocated Area (For Developing or Existing Establishments)
- e. Septic Tank Layout (For Existing Establishments)