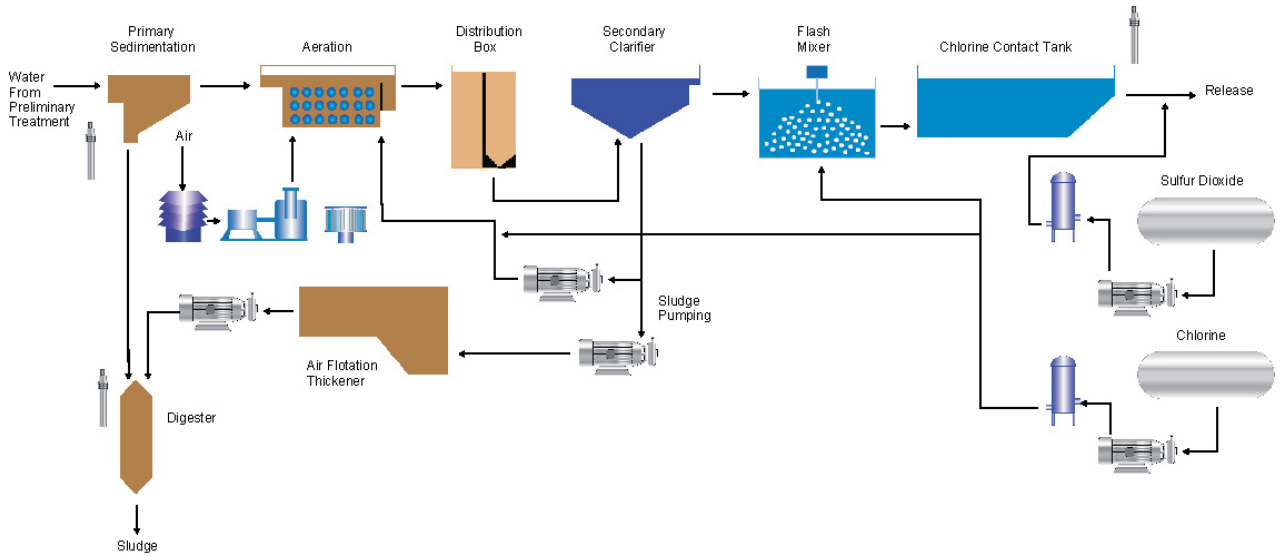





CLASSIC

FILTER & EQUIPMENT LTD

WASTEWATER TREATMENT



PRODUCTS

-  Filter Vessel
-  Centrifugal pump
-  Blower Exhaust
-  Air Intake
-  Sensor

PROCESS DESCRIPTION

From the Preliminary Treatment area the wastewater enters the Preliminary Sedimentation area where heavier solids settle out. Next, the water enters the Aeration Basin where it is mixed with large volumes of air. Oxygen in the air speeds the growth of micro-organisms which consume harmful organic matter in the wastewater. The water flows to the Distribution Box which measures the flow to the Secondary Sedimentation tank where Large agglomerates formed by the micro-organisms are allowed to settle out. The water enters the Mixer where Chlorine or other disinfectants are added. The water is then sent to release



Sulfur Dioxide is used to neutralize the water. Filtering eliminates any contaminants that could enter the water before final release. Classic Filter and Equipment can recommend a filter to provide a solution for this application.



Filtering Chlorine for the mix tank will allow the air, water and chlorine to mix and react thoroughly and thereby disinfect the water. Classic Filter and Equipment can provide a variety of filters for this application.



Pumps are used throughout the process to move water, chemicals, and sludge. Classic Filter and Equipment offers centrifugal pumps in a variety of materials that are well suited for each application.



Powerful blowers provide air to the aeration tanks. These blowers typically have exhaust filters to remove mist from the exhaust. Classic Filter and Equipment can provide exhaust filters to remove this contaminant from the exhaust air.



Air provided to the blowers should be filtered to remove any contaminants that might otherwise damage the blower motor or plug the blower. We can recommend the right equipment for this application.



pH sensors are used in Effluent monitoring to make sure the water meets environmental standards. Classic Filter and Equipment can provide pH sensors that are well suited and reliable for this application.



Monitoring and controlling the oxygen in the Activated Sludge process is critical to maintaining the proper balance necessary allow the micro-organisms to thrive and eliminate sludge. Classic Filter can provide Dissolved Oxygen Sensors that will provide accurate oxygen measurement.



Classic Filter can, also, provide Conductivity Sensors to monitor influent and effluent water supplies.

CLASSIC FILTER AND EQUIPMENT, LTD.

P.O. Box 16486, Fort Worth, TX 76162-0486

Phone: 817-886-0008 Fax: 817-230-4198

www.classicfilterandequipment.com