

Client
Location

Delta Juice
Long An Province, Vietnam

ACQUA/Muddy River Product(s): Induced Cyclonic Separator (IC-SEP*)/MASS

Objective

To meet the discharge specification for industrial wastewater as required by the Vietnamese Government Authorities.



Background

Delta Juice is a greenfield tropical fruit processing facility producing single strength juice (SSJ) and fruit juice concentrates.

As there is no access available to a municipal sewer system, the factory amenities waste is mixed with the fruit processing effluent and treated before discharging to a nearby river.

Solution

An Induced Cyclonic Separator (IC-SEP*) system, complete with a rotary screen, pH adjustment and coagulant and flocculent dosing, controlled by a Programmable Logic Controller (PLC).

The plant has received a compliance certificate from the relevant Vietnamese Government Authorities confirming that the wastewater, after treatment in the IC-SEP* plant, meets with the most stringent discharge requirements

Performance data of the Delta Juice IC-SEP* is shown below:

	Raw Effluent (mg/L)	Treated Effluent (mg/L)	Percentage Reduction
Biological Oxygen Demand (BOD)	2000	20	99
Chemical Oxygen Demand (COD)	2000	50	97.5
Total Suspended Solids (TSS)	>2000	50	97.5