

Client	<b>Delta Juice</b>
Location	Long An Province, Vietnam
ACQUA Product(s)	Induced Cyclonic Separator (IC-SEP*)

## 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:

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