


# Increasing water accountability by 30% at a Disperse Dye plant using EverSense for WaterMAP

 Gujarat, India

 Chemical

## Problem

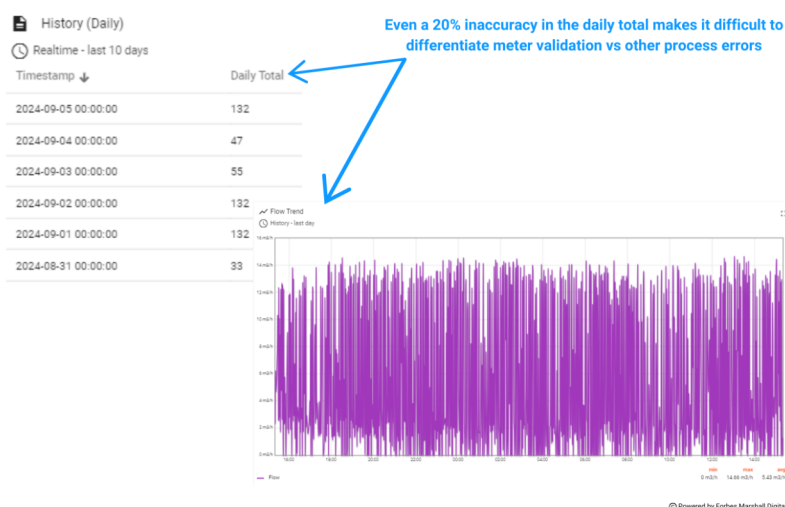
One of the largest producers of disperse dyes in India, catering to all commercially available dye variants in the segment, faced difficulties maintaining a water balance for their plant.

1. As their daily water consumption is 4,300m<sup>3</sup> they found it challenging to estimate water consumption in the process and map its correlation with utilities consumed for manufacturing.
2. They also require process water and utility water for their heating and cooling when manufacturing >20 dye products.

## Solution

The plant partnered with Forbes Marshall Digital using the EverSense for WaterMAP solution to help establish a comprehensive water balance for the plant. The customer got access to our EverSense dashboard and monthly reports identifying and isolating anomalies affecting water accountability.

1. We were able to validate meters, correct borewell water usage and fix extraction errors
2. Our specialists helped establish baselines for process and utility water consumption across the plant



## Benefits delivered

**Increased water accountability (step 1)**

from 60% to 87% by addressing anomalies in data

**Increased water accountability (step 2)**

from 87% to 90% by identifying and correcting an unmetered location

**Reduced overall water consumption**

by 4%

