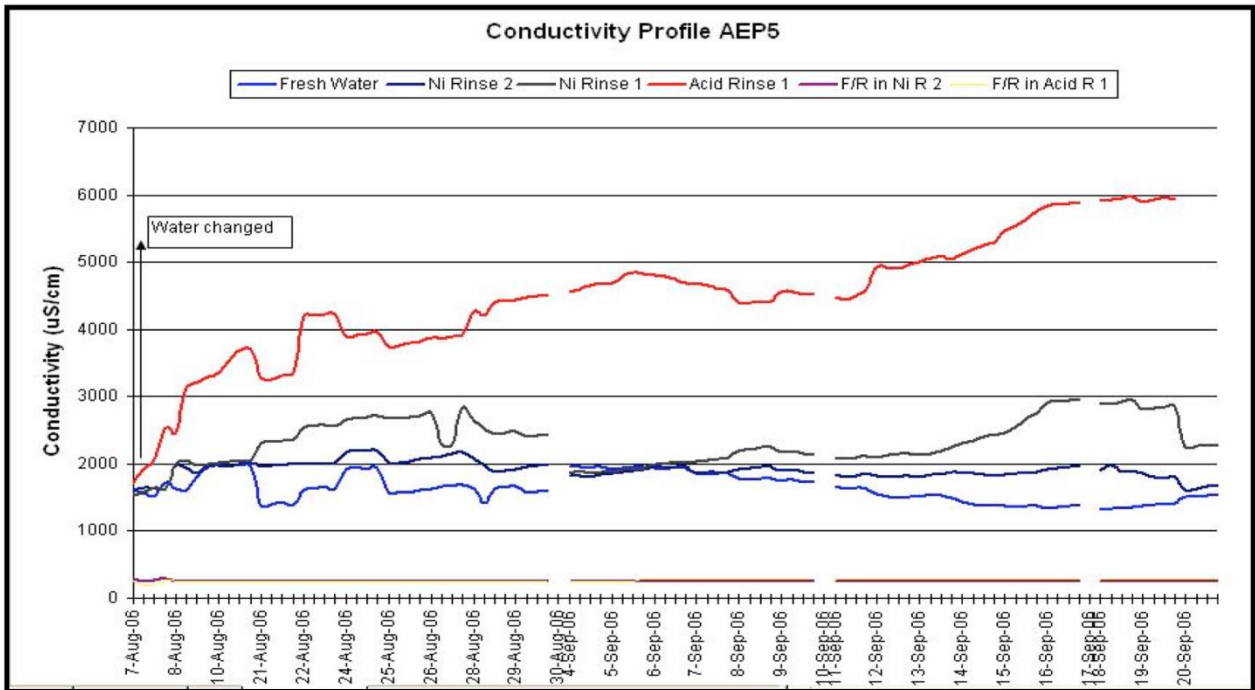


Reduced Water Consumption in Electroplating SME

Situation before: The quantity of water (DM quality) used in rinse water tanks was higher than required leading to high water consumption and also high load on ETP.



Picture shows the conductivity profile of rinsing water tanks

IMPROVEMENT DONE

Conductivity profile of rinse water was monitored over 3 months and the flow rate optimised. Operators were trained to measure conductivity as a basis for the flow rate.

ECO IMPACT

Savings/year: 5,400 kl/water
Savings/year: Rs. 18,95,813
Cost: Rs. 20,000
Payback time: 0.01 years

	Before	After
Water flow rate (l/h)	600	450
Operating hours per year	7200	7200
No. of lines	5	5
Water consumption (kl/yr)	21.600	16.200

PROJECT FUNDED BY



PROJECT IMPLEMENTED BY

