

NIAGARA BLOWER SOLUTIONS

What is WSAC®?

The Wet Surface Air Cooler is a closed-loop, evaporative cooling system.

Wet Surface Air Coolers are optimized for industrial applications where rugged design/fabrication and cost effective efficient closed-loop cooling/condensing are required.

Applications:

Liquid Cooling
Gas Cooling
Vapor Condensing

Industries:

Refining
Power
Wastewater
Pulp & Paper
Metals
Mining
Food/Beverage

CASE STUDY

NIAGARA WSAC® WASTEWATER COOLER FOR LARGE REFINERY ON GULF COAST

Customer: **WASTEWATER PLANT**
Installation Location: **TEXAS**
Application: **COOLING WASTEWATER AS PART OF REFINERY TREATMENT PLANT**



WSAC® ADVANTAGES

- Redundant standby tube bundles, fans, and pumps for critical wastewater cooling
- Large field erected concrete basin with 316L stainless steel tube bundles
- Bolted removable headers for access and cleanability of inside of tubes
- Cooling high fouling, high solids, high chlorides wastewater
- Ability to achieve critical wastewater outlet temperature during the hottest summer months



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