

Application

Process Sample System
Co-Generation Facility
Water Quality

Location

Ingleside, CA

Maintain Temperature

50°F

Product

O'Brien Electric Traced
TRACEPAK® Bundle

High process inlet temperatures, up to 1025°F, and very long run lengths presented the biggest design challenge for this application.

Usually we would use a buffered self regulating tracer for this application but the 460 - 600 foot run lengths exceeded the single circuit length of available tracers. Mineral insulated electric heater cable was chosen because it could withstand the inlet temperature with no adverse affects and could be done with a single run.

A series of multiple tube bundles were fabricated to service up to three sample taps that were within relatively short distances of each other. Running three lines in a single bundle also dramatically reduced the installation cost and power requirements.

Flexibility in heater selection and bundle design allowed O'Brien to complete this project meeting all the expectations of the customer and provide substantial cost savings by combining multiple sample taps into a single bundle.