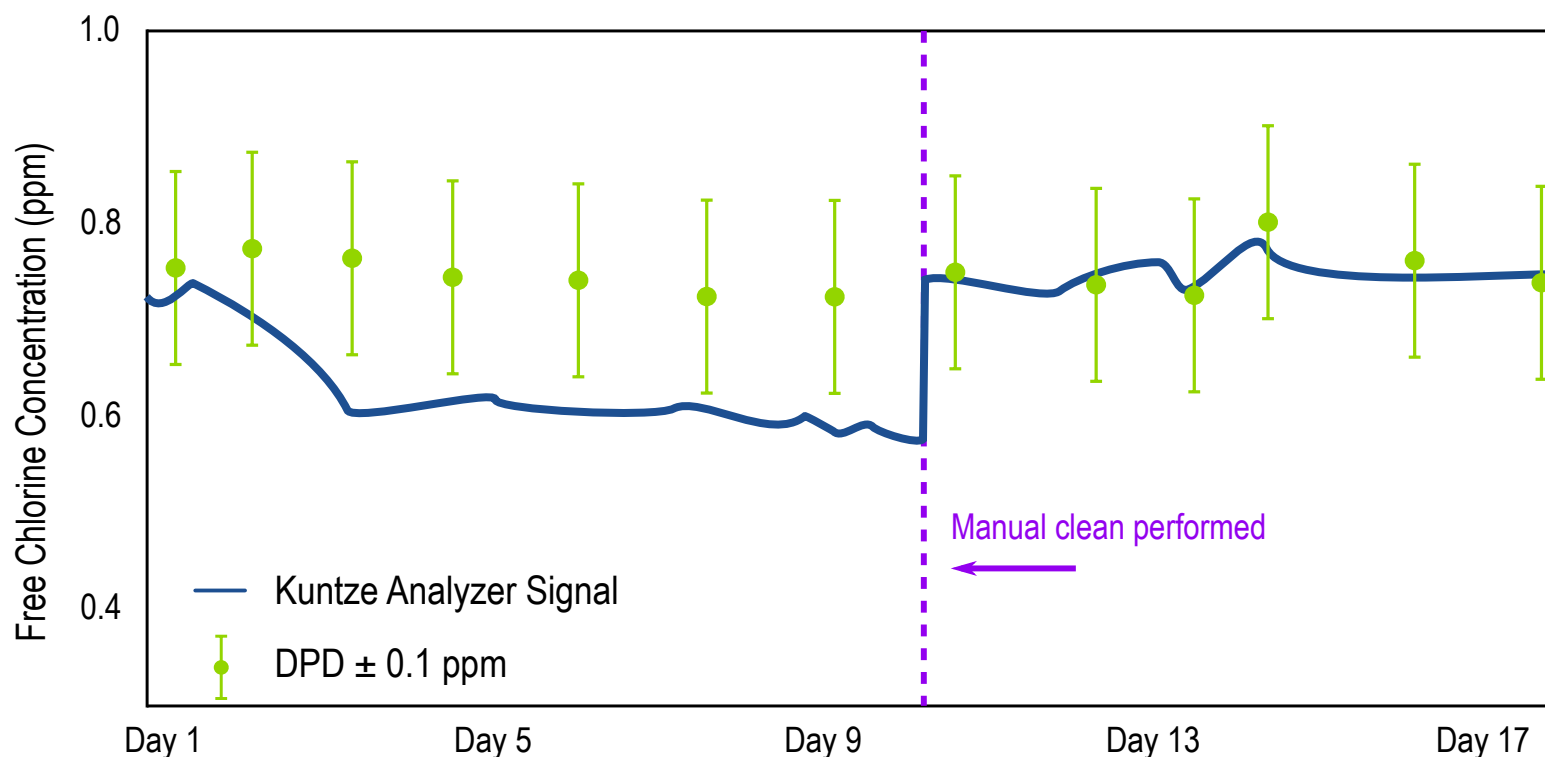


Insights Case Study: When to Perform a Manual Clean

Background Information

- > This analyzer was installed in a drinking water application using free chlorine chemistry.
- > The customer noticed that the analyzer signal was consistently lower than their reference measurements.
- > According to USEPA 334.0, their analyzer signal had to be within ± 0.1 ppm of their reference measurements to stay in compliance.
- > After using Cloud Connect[®] to view and analyze the data, Kuntze Trial Managers instructed the customer to perform a manual clean of their Zirkon[®] DIS probe.



Results

- > Before the manual clean, the analyzer signal (blue) was lower than the reference measurements (green circles).
- > On Day 10, the customer removed their Zirkon[®] DIS probe, manually cleaned it using a granular detergent, and reinstalled it **without** performing a calibration.
- > After the manual clean was performed, the analyzer signal matched the reference measurements.
- > This recommendation could not have been made without using Cloud Connect[®] to visualize the data.

- > Learn how to perform a best practices manual clean at kuntzeusa.com/free-chlorine.
- > To view more Insights Case Studies, scan the QR code on the right.

