



Cooper Controls, Inc.

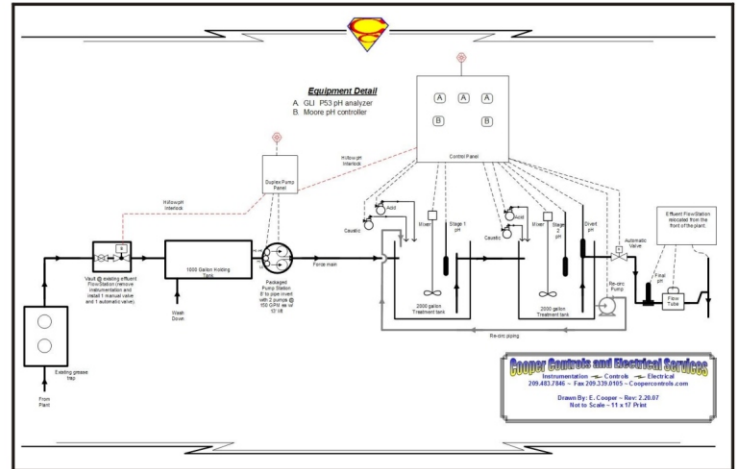
INSTRUMENTATION • CONTROLS • ELECTRICAL

Saving the *PLANET*, One Account at a Time!™

A local food processor was in violation with their local city's environmental compliance department for discharging wastewater with a pH level that was too high, so they needed a better way of monitoring and correcting pH levels in their wastewater.

Cooper Controls, Inc. designed a new pH monitoring system, moving their existing effluent flow station from the front of the plant to the back of the plant, where water is pumped from the front of the plant to tanks at the flow station in the back of the plant. This effluent water is then treated and corrected at the flow station before being released to the city's sewer system. Cooper Controls, Inc. built a PLC and controller that sends all of the data from the pH analyzer to a monitoring station in the production system, which sounds alarms to alert staff in the production area to potential problems at the pH neutralization system.

This monitoring and alert system allows the client to correct problems with the wastewater's pH before it ever reaches the sewer system, and keeps the client from getting fined.



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