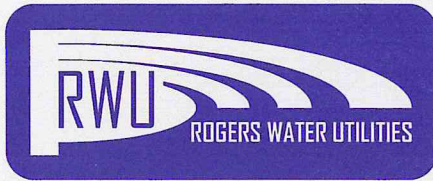


BORTV



ROGERS POLLUTION CONTROL FACILITY

"Serving Rogers - Protecting Our Environment"

POST
MAY 17 2013
MARKED

May 16, 2013

Allen Anderson (ADEQ)
Permit #: AR0043397
Subject: Effluent CL2 Spike

On April the 16th a 1 ton cylinder of SO₂ was ordered, scheduled for delivery on the 17th. On April the 18th the cylinder was put in place on the dual feed cylinder scale by two of the RPCF operators.

During this procedure the scale must be calibrated using the tare weight of each tank on the scale. The operators performing this procedure inadvertently entered the wrong gross tare weight for the combined cylinders into the LED scale controller.

Because of this, on May the 12 at 4:46 both cylinders emptied out allowing the effluent CL₂ to spike above our permit limit of 0.1. The highest CL₂ value recorded was 0.17 at 7:33. At 7:45, the CL₂ was turned down to 50% of normal feed rate. Because our CL₂ is fed in front of our sand filters prior to the CL₂ contact basins, most of the available CL₂ is used up prior to our effluent discharge. A fecal coliform test was performed during this 50% feed rate which resulted in a value of 80 CFU's. At 9:01 our effluent CL₂ fell below our permit value of 0.1. Brenntag, our SO₂ supplier delivered a ton cylinder of SO₂ at 12:45. At 13:00 the new SO₂ cylinder was opened and the CL₂ dose was set back to normal operation.

Going forward we will be having a third co-worker check the tare weights of the tanks to verify that the entered value is correct. We will also be entering in the operators log book the names of all parties that participate in this procedure. We will also be reporting to the operations supervisor the tare weights of the tanks so he can follow up to verify proper procedure.

Robert Moore
Plant Manager