

From: Brian D Doss <brian.d.doss@arkansas.gov>
Sent: Tuesday, October 07, 2014 2:21 PM
To: Lester, Guy
Subject: Phosphorus Treatment

White Oak State Park
Waste Water Plant 01

Phosphorous Application

1. Daily testing is completed for phosphorous from effluent with Hach color wheel. If measurement is 1.0 or more, then we proceed to step 2.
2. Mix an average of 25 lbs. of granulated aluminum sulfate (dry) with approximately 30 gallons of water in a 30 gallon drum.
3. Open valve on drum to slowly administer mixture over a period of 4 to 5 hours.
4. The mixture is applied at the influent end of aeration basin.

Brian Doss
Waste water plant operator
License number 0009734

From: Brian D Doss <brian.d.doss@arkansas.gov>
Sent: Wednesday, October 08, 2014 10:59 AM
To: Lester, Guy
Cc: Charley Wratten; Mark Campbell; Robert Giles; Bret Drain
Subject: pH Adjustment

White Oak Lake State Park
Waste Water Plant 01

pH Adjustment

1. Daily testing of PH is completed with Hach PH meter. If PH is 6.0 or less we proceed to step
2. Mix an average of 25 lbs. of dry soda ash with 30 gallons of water in a 30 gallon drum.
3. Open water valve on drum to slowly administer mixture over a period of 4 to 5 hours.
4. The mixture is applied at influent end of the aeration basin.

Brian Doss
Waste Water Operator
License #009734

I VERIFIED VERBALLY THAT pH IS MEASURED AT THE SAME PLACE AS TP, AT THE OUTLET OF CHLORINE CONTACT CHAMBER JUST PRIOR TO DISCHARGE.