

From: [Pemberton, Layne](mailto:Pemberton.Layne)
To: [Pemberton, Layne](mailto:Pemberton.Layne)
Subject: FW: NPDES Permit #AR0020010, AFIN #72-00781 - Filter Cells Maintenance & Chlorine Disinfection
Date: Thursday, June 11, 2015 11:34:33 AM

From: Billy.Ammons@CH2M.com [<mailto:Billy.Ammons@CH2M.com>]
Sent: Tuesday, June 09, 2015 2:52 PM
To: Healey, Richard; Pemberton, Layne
Cc: lhyke@fayetteville-ar.gov; tnyander@fayetteville-ar.gov
Subject: NPDES Permit #AR0020010, AFIN #72-00781 - Filter Cells Maintenance & Chlorine Disinfection

Mr. Healey,

We wish to inform you that our routine filter-cell preventive maintenance (PM) is scheduled to take place on Thursday, June 11, 2015. The filter-cell PM will require stopping discharge to the White River while approximately 2,000 gallons of 12.5% sodium hypochlorite (bleach) is fed into the filter-cell influent over a 36 hour period. The chlorinated effluent will be sent to the effluent storage basin during this PM activity. We expect to complete this PM activity on Sunday, June 14, 2015.

Immediately following the PM we would like to begin chlorine disinfection performance testing. This testing is in preparation for the temporary effluent disinfection procedures to be used while the new ozone disinfection system is being installed. During this test sodium hypochlorite feed will be reduced and sodium thiosulfate (de-chlorination) feed started. All effluent will remain diverted to the effluent storage basin while chlorination and de-chlorination equipment are adjusted to proper parameters. After maintaining consistent effluent chlorine concentrations, less than 0.1 mg/L (non-detect), we plan to resume normal discharge to the White River. Once discharge is resumed to the White River, all stored chlorinated effluent will be returned back to the beginning of the process from the storage basin and mixed with incoming influent for retreatment.

Please let us know if you have any questions regarding this procedure or need anything else.

Thanks!

Billy L. Ammons
CH2M HILL OMI
1400 North Fox Hunter Road
Fayetteville, AR 72701
(479)236-3051 (cell)