



CITY OF PORTLAND ENVIRONMENTAL SERVICES



Columbia Boulevard Wastewater Treatment Plant

5001 N Columbia Boulevard, Portland, Oregon 97203 ■ Nick Fish, Commissioner ■ Michael Jordan, Director

Bureau of Environmental Services (BES) Columbia Boulevard Wastewater Treatment Plant (CBWTP) Citizens Advisory Committee (CAC) Meeting Minutes – July 22, 2015

Attendance:

Citizen Members: Pam Arden, Gordon Bussey, Matthew Denton, Mark Kennedy, Jim Robison
Staff Members: Steve Behrnt, Debbie, Caselton, Christa Overby, Lynn Sandretzky, Paul Suto
Guests/Presenters: Dan Hebert, BES Senior Engineer; Kyle Stephens, BES Operations Specialist; James Hutton, BES WG Administration

Welcome, Introductions, and Announcements

Steve Behrnt welcomed the CAC members and thanked them for taking time to attend the meeting. Steve shared that 2015 marks the 20th anniversary of the Citizens Advisory Committee. He also mentioned increased attention for earthquake dangers in the northwest United States and shared that CBWTP is preparing for continuity of operations in the case of such an event. In addition, Jim Robison shared that the Willamette River Revival is occurring on Sunday, August 2, at the Cathedral Park Waterfront. The event's website is <http://thewillametteriverrevival.org/>. Additionally, Debbie Caselton shared that the Summer 2015 CBWTP Newsletter has been printed and mailed to citizens. It is available online at <https://www.portlandoregon.gov/bes/article/487349>.

Odor Control Improvements & Monitoring

Kyle Stephens shared that 28 internal and external odor complaints were received since the last CAC meeting at the end of April 2015. Seven of the odor complaints were related to CBWTP. Five of these were connected to the Secondary Treatment's RAS (Return Activated Sludge) mix box. The other two were caused by odor control equipment failures. Odor reports associated with CBWTP are on a decline, with five in April, two in May, and zero in June. One complaint was found to be a combination of an odor from CBWTP and other sources. Four odor reports were categorized as "other," and were confirmed to be originating from somewhere other than the treatment plant.

There were sixteen other odor reports that were related to the dumping of a previously unidentified substance into the collection system. Following an investigation, it was discovered that an industry was dumping the chemical Dimethyl Sulfoxide (DMSO) into the sewer system. This became Dimethyl Sulfide (DMS) as it traveled to CBWTP, which is believed to be the cause of the "sickly-sweet" smell. A number of plant upsets coincided with the sickly-sweet odor, causing an increased demand on the air and disinfection system. Industrial Source Control has contacted the company, and they are no longer permitted to dump the chemical. Since this change, no odor or plant upsets have occurred.

Inverness Force Main Repair Project

Dan Hebert provided information on a force main that is located under the Columbia Slough Pedestrian Bridge that was found to be leaking. The Inverness Force Main will have an exterior carbon fiber reinforcement, followed by slip lining across the length of the bridge. The cost estimate is \$600,000, with the bridge being closed from approximately December 2015 through February 2016. Although the east-west Columbia Slough trail will not be closed, it will be restricted to a maximum width of four feet during this time. For additional details on the Inverness Force Main Repair Project, please see the attached file.

Inverness Force Main Repair & Lagoon - Tour

Paul Suto and Steve Behrnt led a tour of the lagoon reconstruction work and along the way pointed out where the Inverness Force Main Repair Project will occur.

Next Meeting

October 28, 2015

Attachments

Odor Report for 07/22/15

Inverness Force Main Repair Project Presentation