



# 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 – April 22, 2015**

### **Attendance:**

Citizen Members: Gordon Bussey, Matthew Denton, Jerry Fadden, Mark Kennedy  
Staff Members: Steve Behrnt, Debbie, Caselton, Mike Ciolli, Christa Overby,  
Lynn Sandretzky, Paul Suto  
Guests/Presenters: Muriel Gueissaz-Teufel, BES Senior Engineer; Vu Han, BES  
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 Energy Trust of Oregon presented BES with a \$284,210 rebate. This is for the energy efficiency improvements on the aeration blowers at CBWTP. He also shared that the installation of a solar array on-site is still being considered. The solar array could generate approximately \$25,000 of energy each year.

### **Odor Control Improvements & Monitoring**

Kyle Stephens shared that 19 internal and external odor complaints were received since the last CAC meeting at the end of January 2015. Eight of the odors complaints were related to CBWTP and six of these were connected to the Secondary Treatment's RAS (Return Activated Sludge) mix box. Temporary covers have since been installed on the mix box and this has contributed toward a major reduction in odors at CBWTP. Wastewater Engineering has been asked to investigate permanent odor control options for the RAS mix box as well.

The two other odor complaints were related to the Dry Weather Odor Control and Headworks Odor Control facilities. Of the other complaints, three were likely to be from the railroad, while seven others varied in description, location, duration, and intensity. For these latter complaints, no connection to CBWTP, or any other specific source, could be determined.

### **CBWTP Facilities Plan Status**

Muriel Gueissaz-Teufel and Paul Suto provided information on the next CBWTP Facilities Plan. The plan is due to DEQ by the end of December 2016. In preparation of the plan, a monitoring and analysis report will be prepared to document the effectiveness of recent projects implemented at CBWTP. This information will be used in the facilities plan to confirm the existing secondary treatment capacity and develop a No-Feasible Alternatives Analysis (NFAA) for Combined Sewer Overflow (CSO) related bypass of secondary treatment. DEQ's response to the plan and NFAA will determine whether CBWTP will need to expand secondary treatment beyond its current capacity and across Portland Road. Requests for proposals for consultant selection will be issued in April

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2015, with a target notice to proceed in September 2015. The Facilities Plan update will also include evaluation of land use requirements for proposed alternatives. This may trigger an update to the Master Plan. For additional details on the next CBWTP Facilities Plan, please see the attached PDF file.

### **Biogas Utilization Update**

Vu Han and Paul Suto shared that as of February 2015, City Council approved CBWTP to proceed with the final design of a Compressed Natural Gas (CNG) treatment facility on-site. The construction will begin in 2016, with gas product to be available in 2017. BES is currently in discussion with a utility company for an offtake agreement of renewable natural gas for transportation use. The project has received a \$2 million tax credit from the ODOE which requires a CNG fueling station on site. CBWTP has been active in beneficially reusing biogas in multiple ways for years, with some being flared. Converting biogas to vehicle fuel will enable the treatment plant to re-use practically all of the biogas it produces.

### **2015 CBWTP Newsletter Review**

Debbie Caselton provided the text of the CBWTP summer 2015 newsletter for review. The newsletter will contain a cover article written by Steve Behrndt, Wastewater Operations Group Manager. In addition to an article concerning the Continuity of Operations Plan, the newsletter will also feature a piece written by CBWTP CAC member Pam Arden as well. Additional newsletter topic ideas were requested.

### **Next Meeting**

July 22, 2015