



# 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 – October 28, 2015**

**Attendance:**

Citizen Members: Gordon Bussey, Matthew Denton, Jerry Fadden, Mark Kennedy  
Staff Members: Steve Behrnt, Debbie Caselton, Mike Ciolli, Paul Suto  
Guests/Presenters: Michael Jordan, Director; Dan Parnell, Permit Section Manager;  
Sean Gestson, BES Engineering Trainee; James Hutton, BES  
WG Administration

**Welcome, Introductions, and Announcements**

Steve Behrnt, BES Wastewater Group Manager, welcomed the CAC members and thanked them for taking time to attend the meeting. He shared that 2015 marks the 20<sup>th</sup> anniversary of the Citizens Advisory Committee. He commended those members who have been a part of the committee for almost all of that time. He also shared that there will be a 20<sup>th</sup> anniversary celebration of the committee on November 18 at City Council, beginning at 8:45 am. All members are invited and encouraged to attend.

**Pollution Prevention Services (PPS)**

Dan Parnell, BES Permit Section Manager, shared a presentation about the services PPS provides and how they work in conjunction with the CBWTP. The PPS protects CBWTP, and other environmental assets such as rivers. Environmental investigations are conducted in the field, and in the lab. These include storm water sampling, river monitoring, and analysis of industrial pollutants. PPS also contributes toward environmental compliance with the issuance of permits for 140 industries and ensuring proper enforcement. Of these industries, 72% had zero violations in 2014, and only eight had more than two violations in the year. Dan also shared information on various investigations conducted in the last two years, and provided the spill hotline number, which is 503-823-7180.

**Emergency Preparedness and Resiliency**

Steve Behrnt, BES Wastewater Group Manager, shared the status of a Resiliency Plan for wastewater and stormwater systems. He stressed the importance of personal preparation prior to an emergency. He provided information on why water systems are vulnerable, including their complexity, dependence on other systems, location, and age.

He then shared methodologies for improving the resiliency of the wastewater and stormwater systems. The most practical method would improve resiliency over the course of 50 years. Although significant costs would be incurred, they would be more manageable than if the improvements were done all at once. Multiple factors were considered, including practical limitations, the availability of energy and transportation sectors, and input of economic interests. The next steps include hiring a project manager to develop the Resiliency Plan. The plan development is scheduled to be done over the

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course of 18-24 months. This involves setting a recovery time goal that balances affordability and risks, and creating an investment strategy that meets the level of service.

### **Projects Update**

- Paul Suto, BES Wastewater Engineering Supervisor, provided an update on multiple projects as follows. For additional details on other project updates, please see the attached PDF file.
- Phase two of the Lagoon Reconstruction project has been substantially completed. Phases three and four of the project is in the bid award process, with construction scheduled to begin in January 2016.
- The Inverness Force Main Repair project (on the bridge over the Columbia Slough) is currently in the bid phase. The apparent low bid is for \$800,000 with an expected construction start in January 2016.
- The Digester 1 and 2 Mixing Compressor Replacement project will replace 40+ year old compressors. The expected construction cost is \$800,000 with a completion date of December 2015.
- Two CBWTP projects have recently been completed, which are for the Secondary Clarifier Isolation Gates and RAS (Return Activated Sludge) Elbow Replacement. The former had a construction cost of \$400,000, while the latter had a cost of \$37,000.
- The Biogas Utilization project is currently moving toward the 60% design phase. It is scheduled to be advertised May 2016 with construction to be completed in December of 2017.
- The CBWTP Washwater Line Replacement project is in preliminary design with advertising for bids scheduled for March 2016.

### **Next Meeting**

January 27, 2016

### **Attachments**

Pollution Prevention Services Presentation  
Resiliency Plan for Wastewater and Stormwater Systems  
CBWTP Projects Update for October 28, 2015