



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 26, 2017**

Attendance:

Citizen Members: Pam Arden, Gordon Bussey, Matthew Denton, Cara Poor
Staff Members: Steve Behrnt, Debbie, Caselton, Mike Ciolli, Lynn Sandretzky,
Paul Suto
Guests/Presenters: Muriel Gueissaz-Teufel, BES Senior Engineer; 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. In his announcements he shared that CBWTP has been in communication with other City partners concerning the RVs south of the facility since March 24. Due to it being a public right-a-way, we're told there were limited options to control the situation. Pam Arden asked if people had been living in them. Steve shared that some of the vehicles were dropped off without doors or windows and a few of them have had people living in them. CBWTP is working with PBOT and other agencies to clean up the street. He then shared that the agenda included the Renewable Natural Gas Facility Project, an update on the Facilities Plan and Master Plan process, a Project Update and an overview of East Property Improvements. An optional tour was also offered.

CBWTP Renewable Natural Gas Facility Project

Paul Suto, BES Supervising Engineer, shared a presentation of the Renewable Natural Gas (RNG) Facility Project that was presented to City Council on April 19, 2017. He thanked Matthew Denton for attending the meeting and speaking in favor of the project. The project was approved unanimously by City Council.

Currently, 23% of the methane produced on site is flared, but upon completion of this project, CBWTP will achieve 100% methane recovery with the best value for rate payers in terms of economics, the environment, and society. It calls for the construction of a RNG processing facility, a fueling station, and connection to an existing Northwest Natural natural gas main. It's projected that it will replace enough diesel to power 154 garbage trucks for a year, add \$3 million in annual revenue, and cut 21,000 tons of climate-changing emission per year. There was also discussion of the future potential project to bring a processed food waste slurry to CBWTP to generate more gas. Pam Arden asked whether the trucked food waste would generate additional odors. Paul Suto and Mike Ciolli, BES Wastewater Treatment Manager, explained that on a site visit to an operating facility in California, the off-loading does not result in any odor issues due to the inclusion of an activated carbon filter that treats the odors.

CBWTP Master Plan Update

Muriel Gueissaz-Teufel, BES Senior Engineer, shared a presentation on the CBWTP Master Plan Update which is required to provide land use permission for the projects outlined in the Facilities Plan Update which DEQ recently approved on March 30, 2017. The update focuses on liquid treatment and secondary treatment capacity in response to requirements outlined between the City of Portland and DEQ. Public outreach is currently being done and involves sending mailings to neighbors and briefing neighborhood associations to explain land use impacts. An Open House at the Columbia Boulevard Wastewater Treatment Plant located at 5001 N. Columbia Boulevard will also be conducted on Wednesday, May 17 in the Mt. Mazama Conference Room. More details will follow soon. Depending on preliminary comments from the land use review pre-application, a finalized application for the Master Plan will be submitted in May. The Master Plan will also include additional details pertaining to landscaping, stormwater management and traffic impacts. As far as the improvements themselves, Request For Proposals (RFP) are currently being developed for design consultant selection. For additional details on these and other facilities updates, see the attached file.

Project Update

Paul Suto shared information on multiple projects as follows. For additional project updates, please see the attached file.

- Phases 3 and 4 of the Lagoon Reconstruction project was previously delayed, but is now proceeding with the north cell being dewatered. It is estimated that the project will be completed over the course of the next 3 Summers (through 2020).
- The Inverness Force Main Repair project is proceeding with concrete bridge approaches being completed. The bridge will reopen to pedestrians by May 15 and substantial completion is anticipated by July 21.
- The Wet Weather Clarifier Scum Skimmers are scheduled to be installed by Stellar J in the Summer of 2017.
- The CBWTP Outfall Improvements project is currently in design phase. Some of the diffusers in the Outfall 3 have been covered with sediment and broken. The project will repair these diffusers and improve the function of Outfall 3. Design completion is projected for January 2019.
- The CBWTP Headworks Improvements Project will replace the existing 5/8" screens to finer screens. The current screenings are resulting in significant manual labor due to an increase in CSO-related debris passing through the coarse screens. Proposals for design consultant selection are due June 6 and design is expected to begin April 2018.

East Property Improvements

Steve Behrndt shared some improvements to the east side of the CBWTP campus. Due to illegal camping on the east side of the property, the natural area and trail needed to be rehabilitated. This involved the gathering of 150 cubic yards of garbage and the removal of an estimated 20 campers. Other improvements included facility and trail user security, increased buffer from plant operations, and the installation of approximately 15 new signs. For additional information and photos, please see the attached file.

East Property Improvements - Tour

Steve Behrndt and Lynn Sandretzky, BES Business Operations Manager, led an optional tour of the east property improvements.

Next Meeting

July 26, 2017

Attachments

CBWTP Renewable Natural Gas Facility Project

CBWTP Facilities Plan Update for April 26, 2017
CBWTP Project Updates for April 26, 2017
CBWTP East Property Improvements