



CITY OF EDMONDS

www.edmondswa.gov

WASTEWATER TREATMENT PLANT

200 2ND AVENUE SO. • EDMONDS, WA 98020
(425) 771-0237 • FAX (425) 771-0255

MIKE NELSON
MAYOR

June 2023

Subject: Carbon Recovery Project; Update #10



Mixing Hopper
Upper level



Odor Scrubber
Upper level.

The Project

The Project's scope is to replace the City's existing solids handling system (incineration) with a new gasification system, upgrade ancillary components such as pumps and motors, and install odor control equipment. This phase of the project is complete.

The majority of construction was completed in April 2023, which allowed equipment startup and commissioning to commence. Commissioning is the process of operating / testing the system to verify that it performs as intended. The commissioning process started smoothly, but unfortunately the Design-Builder discovered an issue with the end-product conveyance system, which has temporarily stopped the commissioning process. The Design-Builder is currently evaluating and implementing solutions to resolve the issue. We will continue to provide updates as information becomes available.

While the Design-Builder is developing a solution, the City will continue to haul sludge. The City was hoping to end sludge hauling soon but it now appears that it must continue through the summer. By the end of summer, a workable solution should be operational meaning that sludge hauling will end.

As stated in April's letter, during this commissioning phase, staff will be trained to operate the new system. A final walk through of the entire process and work area will be performed by the City and the Contractor after all known issues are resolved. Any new discovered issues will be noted and corrected prior to the City accepting the system. After these steps have been completed, the system will be turned over to the City for official startup and operation. Acceptance of the system by the City is now anticipated to occur sometime in early fall 2023.

Odor & Hauling

The temporary halt in the commissioning phase means that sludge hauling will continue through the summer. We are doing everything we can to mitigate unpleasant odors including the application of a biological odor reducing agent to the sludge before it is pumped into the containers and covering the sludge container while it is being filled as well as while it awaits pickup.

Schedule

2022				2023				2024	
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
Construction									
				Commissioning					
							Measure & Verification		

Please feel free to contact me or Michael Derrick here at the treatment plant if you have other questions. We will be happy to discuss the project with you.

Ross.hahn@edmondswa.gov

Michael.derrick@edmondswa.gov



Yours truly,
Ross Hahn
Plant Manager,
City of Edmonds Wastewater Treatment Plant