



# CITY OF EDMONDS

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## WASTEWATER TREATMENT PLANT

200 2ND AVENUE SO. • EDMONDS, WA 98020  
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MIKE NELSON  
MAYOR

April 2023

### Subject: Carbon Recovery Project; Update #9



**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 commissioning process is underway. All systems have been checked, started and stopped, and calibrated to verify that they work and perform as designed and intended. During the latter part of the month of April sludge from the treatment plant is being introduced into these systems so that any adjustments to these systems can be made to ensure proper operation under a variety of conditions.

Currently, the contractor, Ecoremedy, is testing the mixing process of dry sludge brought in from Tacoma with wet sludge produced here at the plant to obtain the proper mixture to feed into the dryer

and gasifier. After the proper mix is achieved during this initial testing process, the dryer and gasifier will process the sludge and produce an ash slurry for disposal in the landfill.

During these commissioning phases 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. Any 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 operation. Acceptance of the system by the City is anticipated to occur during the summer of 2023.

**Odor & Hauling**

As the plant transitions to the new gasification system to dispose of solid waste, we expect odor issues to steadily decline as sludge is disposed of by the new equipment rather than being hauled away. Nonetheless, the truck traffic to and from the treatment plant (solids hauling) will be ongoing through the commissioning process however the number of trucks in and out of the treatment plant should be reduced.

**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.

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Yours truly,  
 Ross Hahn  
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 City of Edmonds Wastewater Treatment Plant