



CITY OF EDMONDS

www.edmondswa.gov

WASTEWATER TREATMENT PLANT

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MIKE NELSON
MAYOR

February 2023

Subject: Carbon Recovery Project; Update #7



**Packed Tower & Hopper in
Upper level**



**Gasification & HVAC Ducting in
Lower 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.

As of this writing we are anticipating the delivery and installation of two bins and one conveyor in the gasification building. These are the final pieces of equipment to be installed there. A new shaftless conveyor and a washer/compactor were installed in the headworks building to wash and compact the debris entering the plant. This debris is mostly rags and so-called flushable wipes-both of which should be disposed of in the garbage, never flushed down the toilet.

To date, the Design-Builder, Ameresco, has completed the majority of the work in the new gasification building including demolition of the existing incarnation system, installation of major equipment on the

first floor, construction of a new second level, and installation of major equipment on the new second level. Ameresco is currently completing installation of the remaining equipment and expects to have all of it installed by the beginning of March 2023. Their subcontractor, Ecoremedy, who has supplied the gasification system, will then begin commissioning (checking for proper function) their equipment. That process will take several months to complete. After all systems have been commissioned and it is proven that the entire system performs as designed, staff will be trained to operate the new 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

With the cooler weather, odors have been greatly reduced and we continue to monitor odors at the fence line and throughout the City to ensure we are doing the best we can to minimize odors emanating from the plant.

Hauling

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