



CITY OF EDMONDS

www.edmondswa.gov

WASTEWATER TREATMENT PLANT

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MIKE NELSON
MAYOR

November 2023

Subject: Carbon Recovery Project; Update #13

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 Design-Builder continues to commission the equipment and to make the needed process adjustments to deliver a fully functional solids disposal system. The Design-Builder has been able to run the gasification process utilizing only sludge from the CoE WWTP without having to use “seed” material from another plant. They are still working to increase feed rates to the system that will keep up with our daily production levels. The next significant goal that the Design-Builder must achieve to comply with their contract with the City is to gasify 96 pounds of screening material (solid material such as rags, latex, hair, etc. that is separated from the influent). This process has not yet started. Sludge hauling must continue until the plant is fully commissioned and ready to gasify all of its sludge and screenings.

Odor & Hauling

Now that winter is almost here, odors from the WWTP will tend to subside. The containers are covered when not being filled, we continue to add an odor-eliminator product to the sludge, and to vent the containers at night. As mentioned above, hauling will need to continue, albeit at a lesser rate as the gasification handles more of our solids processing each week, until we achieve a successful commissioning of the new gasification system.

Other Projects at the WWTP

From time to time there are other projects occurring here at the WWTP. Some involve large equipment; other projects do not. As the plant ages (it is now over 30 years old) more and more projects will occur here at the WWTP. They are all part of keeping the WWTP fully operational and protecting Puget Sound.

Anticipated Schedule

2022				2023				2024			
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
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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A handwritten signature in blue ink that reads "Ross Hahn". The signature is written in a cursive style with a large initial "R".

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