

Local stakeholder update – Mar - Apr 2019

Below is a summary of the work that has taken place over the last month, and the work planned for the following month.

MARCH

- Hot commissioning continued on the mechanical pre-treatment equipment for the gasification process. The equipment successfully passed the first series of performance tests required.
- Various other systems in the gasification plant were commissioned, included the compressed air, water cooling, fire protection and odour control systems.
- The gas holder on the AD facility was installed and inflated. This will be used to store the bio-gas produced in the digestion tanks, prior to being converted into electricity in the combined heat and power engines.
- The AD facility dry and wet commissioning continued in preparation for food waste delivery in the second half of April.
- Work continued on the Admin building.
- The new Revive re-use shop was erected and opened on the community recycling centre.

APRIL

- First food waste is expected into the AD facility in the second half of April for the start of hot commissioning. This will also involve seeding the digestion tanks with the micro-organisms that will break down the food and produce bio-gas. The seeding material will be brought to site in tankers, over a period of two to three weeks.
- Commissioning on the gasification burners will start. The burners are used to heat up the gasification unit. For commissioning, the burners will be tested on oil and residents may see small amounts of emissions coming from the stack, as a result of this activity.
- Work will start on drying out the boiler refractory. The refractory needs to be dried gradually, at a lower temperature, to avoid cracking, much like in a kiln. This will be followed by the boiler steam blowing. This is the process of forcing steam through the system to clean everything out and remove any construction debris. As the name suggests, this will result in steam being emitted, which will be visible.
- Work will continue on the admin building.