

Local stakeholder update –September – October 2017

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

SEPTEMBER

- The concrete slab for the ash handling facility building was poured and cured. The ash handling facility will be used to store the ash in silos, which is generated by the gasification process.
- Intumescent paint was applied to steel work in the gasification building. This is a special type of paint that provides fire protection and it is one of the safety features of the facility.
- Work started on installing the internal staircases and handrails within the gasification building, along with lighting, cabling and internal electrics.
- Internal finishings such as painting and flooring were installed in the MCC (Motor Control Centre) room of the gasification facility and a fire suppression system was installed. The MCC room houses the control centre for the gasification equipment and processes.
- Radiography testing started on the welds of the boiler pipework in the gasification train. This is an important check to verify the integrity of the welded joints and will be undertaken by independent specialists.
- Work started on fitting out the staff welfare area in the AD plant. This is the process of making the area suitable for occupation – adding the suspended ceilings, lighting, wall finishes and generally making the area habitable.
- At the community recycling centre the white lines have been repainted and work has been done on the entrance road to install the surface ducting and drains.

OCTOBER

The Community Recycling Centre has now reverted back to standard hours closes at 4pm daily.

- Following the completion of the concrete foundation last month, the pre-fabrication work for the structure of the ash handling facility will start.
- The gasification train installation will continue with the installation of the metering bins, the soot blowers and various piping.
- The Air Cooled Condenser (ACC) mechanical installation will be completed. The ACC is a tube heat-exchange system installed at the outlet of the steam turbine. The steam exiting the turbine

passes through a bank of horizontal tubes around which air is circulated to cool the steam and condense it back into water.

- The application of intumescent paint to the steel work will continue.
- Radiography testing on the welded joints of the gasification train will continue.
- Work will continue on fitting out the admin building, including installing the air-conditioning and ventilation pipework and the lifts.
- The cladding on the admin building will be completed and the installation of the windows and waterproofing will start.
- Work to finish the roof of the gasification building will continue, enclosing the building and all the gasification process equipment, before the winter months.