

WWMC Newsletter Number 28 September 2023

Message from Tim Clarke, CEO of WWMC

Following on from the successful start of EOP 1 in August, our EPC contractor has been pressing ahead with commissioning works in block 2 (Boilers 23, 24 and 25). We are now receiving around 3,000 tons per day of waste and this will rise to over 5,000 tons per day when all five boilers are burning waste, scheduled for mid October. Since our move to EOP 1, we have been sharing our stack emissions data with DM environmental regulator, AESEAS (Air Environment Sustainability and Environmental Assessment Section). The data shows that we have been operating the plant within the limits required by DM. I visited our neighbors at the Desert Palms Resort this month, to provide a further update on progress and to answer questions from residents about our environmental performance. We have contractual commitments to keep our neighbors and project stakeholders informed of our work, and this has been our second visit to the Desert Palms Resort. Further briefings will take place later this year.



The front facing security fence has been erected



Project Progress

Our perimeter security fence is being installed during September. The north facing elevation of the plot has been completed to date, and our EPC contractor is making good progress with the other sides. Steam blowing works in L25 are underway and we expect our fifth boiler to be burning waste by mid October. With boilers in block 2 now burning waste, DM has increased the collection of flue gas treatment residues (FGT). Each boiler has its own FGT silo which must be emptied on a regular basis. Incinerator bottom ash (IBA), along with metal fractions recovered from the IBA process plant are being stored in the IBA maturation area, and the first IBA aggregates will be removed from the site in mid October. Since the start of EOP1 our EPC contractor has erected permanent barricades to separate the

operations areas from construction/commissioning areas. Only designated staff from EPC, Client and O+M teams are allowed into block 1. Our weekly HSE management site tour has recently been changed to reflect the Operations activity in block 1. As we progress forward to full operations in 2024, we need to ensure that the high standards of HSE continue from the construction and commissioning phases.

An access turnstile installed by EPC into the operations area



Focus Spot-Bottom Ash Extractor

Ash collected from the incineration process falls down into the bottom ash extraction system, where it is cooled in a water bed and then routed via a chain conveyor through the *Grizzly* onto the main ash conveyor belts for transfer into the ash processing facility. The grizzly is a vibrating table that separates the oversized debris from the ash stream coming through the combustion chamber, before the main ash conveyor system. Typically materials recovered at the grizzly include larger pieces of metal, concrete and other large sized non-combustible materials. These larger sections are collected from the grizzly outlet in a skip which is then removed for further processing, through the crusher and metals recovery facility.

The grizzly skip collects oversized debris from the bottom ash conveyor



For more information about the WWMC project, to request information or to raise a grievance please email us at info@wwmc.ae.