

Message from Tim Clarke, CEO of DWMC

Welcome to the February edition of our newsletter. Commissioning works in block 1 is moving forward well, with flushing operations underway for the turbine lubricating oil system, and preparations for the circulation of fuel oil to the boiler burners in progress, ready for the first firing of boiler 11 in April. Our EPC contractor is completing the final installations and testing of the fire protection system, and our project insurers will be visiting site in March to confirm that our systems are ready for hot commissioning.



Project Progress

The waste loading apron in front of block 1 is being readied for final surface finish, in preparation for truck driver training due to start in the coming weeks. All roller shutter doors in waste bunker 1 have been commissioned and our contractor is completing final tests on the waste cranes and grabs. As more plant systems come on line, the main control room will be staffed 24/7 starting from mid March. This will see colleagues from EPC and the O+M teams working together for the first time as we head towards the first Early Operations Phase in Q3 this year. Primary, secondary and recirculating air systems in line 12 have all been commissioned and our teams are preparing to start testing the ACC fans in March.

One of the waste grabs awaiting installation



During the last days of February the remaining signalling and communications protocols are being finalised to enable us to receive the backfeed connection from Dubai Municipalities' DS217 substation in March. This process has involved complex discussions between ourselves, EPC, DEWA and DM teams. This will be the first of our Critical Path milestones and is a testimony to the dedication and commitment by DEWA, DM, DWMC and our EPC teams.

Site visit by members of the DWMC board and management committee

Members of the DWMC board and management committee came to site this month to review works first hand and to discuss project progress with the DWMC team. After a technical briefing and a Q+A session, guests underwent a site tour.

Tim Clarke (4th from right on back row) and Yu Tanaka (front row third from right) with members of the DWMC Board and Management committee during a site tour



Focus Spot-The weighbridge

In full operations the DWE plant will receive 1000 plus waste collection vehicles per day, plus additional vehicles delivering utilities and removing bottom ash. All vehicles that will use the DWE site must be registered and vehicle data is screened automatically at the site entrance. Waste collection vehicles must pass radioactivity and heat detectors before alighting on one of the three incoming weighbridges. After the vehicle weight is logged electronically, the unit will be directed to one of the waste bunker gates to deposit its load. After unloading, vehicles will be directed to one of the outgoing weighbridges where its empty weight is logged and the value of the load delivered calculated. This data is transferred automatically to DM for billing purposes and details are also retained by DWMC. There are five weighbridges in total at the DWE plant, and vehicles can use these in either direction, depending on a variety of operational scenarios.

The entrance gatehouse stands between incoming and outgoing weighbridges



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