

Welcome to the May 2021 construction newsletter for the North London Heat and Power Project (NLHPP). Here you will find all the latest news about north London's new sustainable waste hub which we, the North London Waste Authority (NLWA), are building at the Edmonton EcoPark.

The NLHPP

The NLHPP is an investment in the green infrastructure of the future, to support NLWA's mission of preserving the planet's resources for future generations. The Project will deliver world-class, modern recycling and waste infrastructure to help local residents recycle more of their waste. This includes a Resource Recovery Facility (RRF) with facilities for the community, including a public Reuse and Recycling Centre and EcoPark House, a new visitor and education centre where the local community will be able to learn more about waste management and recycling. We're also building an Energy Recovery Facility (ERF) to replace the existing plant and continue diverting north London's waste from landfill. The ERF will use residents' non-recyclable waste to create low-carbon heat and power for thousands of homes and businesses. To protect public health and improve local air quality, the ERF will use the world's most advanced technology to clean and control emissions.

For more information about the Project visit our website where you will find project FAQs and mythbusters:
northlondonheatandpower.london

Project delivery update



Construction of the new recycling facilities at the south of the EcoPark

2021 is a landmark year on the NLHPP. In January, major construction works started on the new RRF, public Reuse and Recycling Centre and EcoPark House.



Tunnel Boring Machines used at the Sewer Diversion site

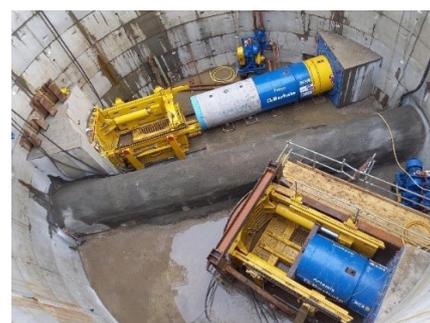
Our contractor Taylor Woodrow has completed the demolition of existing buildings onsite. They are well underway with piling works to prepare the ground for the steelwork construction which will form the new facilities. The piling technique being used has contributed to **reducing the embodied carbon** of the original scheme by 10%-16%.

In March, two 15-tonne Tunnel Boring Machines arrived at the EcoPark to support works to divert two Thames Water sewers. Contractor Barhale used the Tunnel Boring Machines to bore the tunnels

for the new sewers. Using an innovative construction technique, they were able to fast track the programme and **reduce the amount of water required by 65%.**

Our latest audit showed that 99% of our construction waste is reduced, reused or recycled.

We continue to operate in line with the latest health and safety guidance set by Public Health England and the Construction Leadership Council. Following a successful trial, NLWA has extended the use of safety bracelets across NLHPP construction sites, which offer an easy-to-use health check and tracking app, helping construction sites to work safely during COVID-19 by tracking interactions between site workers.



Tunnel boring works underway as part of the Sewer Diversion





Apprenticeships and training

This year the NLHPP is welcoming even more apprentices and on-site trainees from the local area.

During construction we're creating at least 100 apprenticeships in highly skilled roles and 225 on-site training opportunities to help local people gain new skills for onward employment.

So far, we've created 16 apprenticeships, 10 of which have been fulfilled by Enfield residents. In the next few months will be welcoming more apprentices as our contractor Taylor Woodrow moves into the next stage of construction. Our apprentices are working in a range of roles including civil engineering, quantity surveying and business administration.



Hakeem Badmus from Enfield who is doing a civil engineering apprenticeship with DSM Demolition

We're currently welcoming new cohorts of trainees onto the NLHPP, working with contractor Taylor Woodrow. So far, across the Project we've created 40 on-site training opportunities, 83% of which have been fulfilled by residents of Enfield, Waltham Forest or Haringey. These have provided local residents with invaluable experience for future employment and helped them work towards obtaining a Construction Skills Certificate Scheme (CSCS) card.

Project Update

Indicative image of the new public Reuse and Recycling Centre

Next month, the first piece of steelwork is due to be erected for the new RRF and public Reuse and Recycling Centre. These works will continue into the summer and by August we expect to begin cladding and installing the roof. Towards the end of this year the internal fit out of the new facilities will be underway.

The procurement process to find a contractor to build the new ERF continues to progress. In April, evaluation began to review detailed solutions by the project team. Following a period of dialogue and final tender reviews, we expect to announce a contractor for the ERF early next year.

Local business spotlight

NLWA has a major focus on creating opportunities for local businesses. We're proud that a range of local suppliers are already part of this world-class project, including Walthamstow-based New Life Catering, who are providing canteen catering on the Laydown area, and Enfield-based subcontractors Embassy Demolition and J O'Doherty Haulage and Waste Disposal, who have both carried out demolition works.

Our spotlight in this edition is IT Consultant, James Clear-Tournas who carried out the broadband connection works at the new Laydown Area office and welfare facilities. James' technical expertise helped the Project to identify a cost-saving solution which provided a service upgrade for EcoPark operators LondonEnergy Ltd, as well as a fast and reliable connection to the Laydown Area offices.



James Clear-Tournas

James said, *"North London Waste Authority provided me with an excellent opportunity to provide IT services to a large national infrastructure project. Working on the project has given me a launchpad to work on other projects of similar scales and complexities in the future"*.

To register your interest in working on the NLHPP, please email info@northlondonheatandpower.london

