

Welcome to the November 2020 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 boost north London's recycling rates. This includes a Resource Recovery Facility (RRF) with facilities for the community including a Reuse and Recycling Centre and EcoPark House, as well as an Energy Recovery Facility (ERF) to replace the existing plant and continue diverting north London's waste from landfill. For more information about the Project visit our website northlondonheatandpower.london



View of the Laydown Area including new welfare and office facilities, due to be complete in February 2021

Project delivery update

Construction enabling works have been moving at pace during 2020.

Health and safety remains our number one priority and each construction site is operating under COVID-19 guidance set



by the Construction Leadership Council and Public Health England. Earlier this year we appointed expert consultants Safer Sphere to help ensure the Project achieves the highest possible standards of health and safety.

At the end of October, a **new state-of-the-art Transport Yard at Hawley Road** was completed to provide EcoPark operating company, LondonEnergy Ltd,



The new Transport Yard at Hawley Road

with a modern home for its transport team and 30 vehicles. The Transport Yard provides high-spec office and welfare facilities and is fitted with solar panels to generate electricity to be utilised either on-site or exported into the National Grid. Relocating the Transport Yard is essential to allow the Sewer Diversion to take place early next year.

This summer, Galldris started enabling works to **divert the Angel and Chingford sewers** beneath the EcoPark. Barhale mobilised on-site in October to start excavation before main construction to divert the sewers begins next year. Diverting the sewers is vital in order for new recycling facilities to be brought forward.

In August, Taylor Woodrow was appointed as the main contractor to build **EcoPark South**, which will deliver new flagship facilities including a **Resource Recovery Facility** with capacity to manage 135,000 tonnes of recyclable waste every year, and new community facilities in **EcoPark House**.



Upcoming works

The new **Northern Access**, which is being built at **Deephams Farm Road**, to the south of Ardra Road, will provide a vehicle access to the EcoPark and is due to be completed before Christmas.

At the **Laydown Area**, a new bridge has been installed over the Enfield Ditch and a new eastern access to the EcoPark from the Laydown Area is being constructed. In the coming months road surfaces will be finished, a down ramp from the new bridge will be constructed and the welfare and office facilities will be fitted out. Construction is due to be completed in February 2021, ready for handover to Taylor Woodrow.

At the Laydown Area, Sewer Diversion and Deephams Farm Road a construction method called **deep soil stabilisation** has been used reusing existing soils to create new road surfaces. The innovative, cleaner construction technique results in less excavated soil required to be transported away from site and therefore less congestion on local roads and minimised vehicle pollution.

In early 2021, Taylor Woodrow will begin construction of the RRF and EcoPark House.



Over 2,500 lorry journeys saved to date by using Deep Soil Stabilisation.



Beams and bridge being installed over the Enfield Ditch to form a new eastern access into the EcoPark

Work to find a contractor to build the new world-class **Energy Recovery Facility** is progressing and three shortlisted bidders have been invited to submit detailed proposals. Evaluations will take place in spring 2021, before the contract is awarded at the end of 2022.

Apprenticeships and training



Hamish Bellinger from Waltham Forest

The NLHPP is creating at least 100 apprenticeships and 225 on-site skills training placements for local residents at a time when they are most needed.

So far, during 2020 the first

12 apprentices have started working on the Project, eight of whom are residents of the London Borough of Enfield where the Project is being built. The apprentices are working with our contractors including Enfield-based Galldris, Buckingham and Taylor Woodrow, as well as one of NLWA's partner consultants, Rider Levett Bucknall across a variety of programmes including quantity surveying,

civil and ground engineering and business administration.

Hamish Bellinger, age 17 from Waltham Forest, is undertaking a two-year Civil Engineering apprenticeship with Taylor Woodrow. He said, *"I can't wait to get hands-on experience and see how everything comes together to build a sustainable waste management hub"*.

In 2020, the first 23 on-site training placements have been undertaken with contractors Buckingham and Galldris, helping to equip local residents with skills for future employment. During the placements, trainees undertake practical and classroom tasks, working towards obtaining a Construction Skills Certification Scheme (CSCS) card to use for onward employment.

To find out more information about our apprenticeship and skills training mailing list please enquire on our website.

