



**LondonEnergy**

Powering the Circular Economy

**LondonEnergy Ltd**

EcoPark

Advent Way

London

N18 3AG

T: 020 8803 1322

E: [REDACTED]@londonenergyltd.com

W: www.LondonEnergyLtd.com

[REDACTED]  
[REDACTED]  
London  
E4 8HE

Dear Mr [REDACTED]

15 April 2019

I write in response to a question that you sent to your local MP, Iain Duncan Smith. In the letter that Mr. Duncan Smith sent to me, he asked us to provide certain information about the gasses released by the Energy Centre and details of assessments made of their impact on health. In addition, he asked that we provide you with information about what steps are being taken to reduce pollutants and improve air quality around the EcoPark.

As you may be aware, LondonEnergy operates its Energy Centre under a permit issued by the Environment Agency. This permit sets limits for the emissions which can be released to air. The details of both our actual emissions and the limits permitted are listed below:

Material	North Stack	South Stack	Daily EA Licensed Amount
	Amount emitted (mg/m <sup>3</sup> ) in the whole of 2018		
Oxides of Nitrogen expressed (NO <sub>2</sub> )	214.63	200.84	200 mg/m <sup>3</sup>
Volatile Organic Compounds expresses as Carbon	2.46	1.80	10 mg/m <sup>3</sup>
Carbon Monoxide	35.10	25.48	50 mg/m <sup>3</sup>
Sulphur Dioxide	13.14	16.55	50 mg/m <sup>3</sup>
Particulate Matter	1.69	2.14	10 mg/m <sup>3</sup>
Hydrogen Chloride	9.20	8.75	10 mg/m <sup>3</sup>

Emissions from the Energy Centre are treated and then emitted from two stacks contained within the chimney. The information in the table above shows the emissions from each stack for the whole year (2018) against the daily licensed limit. As you can see in most cases the annual emissions are lower than the daily limit imposed.

In terms of assessments on the impact of health, a recent study funded by Public Health England (PHE), found no adverse health impacts associated with living near an energy from waste plant.

To turn now to the future. As you may be aware the North London Waste Authority (NLWA) is in the process of building a replacement Energy Recovery Facility at the EcoPark. The new facility, which was approved in 2017, can support a heat network for 10,000 homes and generate electricity for 127,000 homes.

NLWA are committed to improving air quality in north London with a current plant that operates 20% better than the permitted levels of Nitrogen Oxide and a new facility that will be even more efficient, performing at more than 60% better than permitted levels. The Mayor of London's Environment Strategy sets ambitious targets for waste to energy facilities which the new facility is designed to more than meet. Operating well below anticipated emissions limits, the future facility will be amongst the best performing of its kind in Europe.

If you need further information about the replacement facility, please either contact NLWA directly by phone on 0208 489 3940 or take a look at the North London Heat and Power Project NLHPP website, where you can also sign up to receive further updates about the project.

*Yours sincerely*



Managing Director

Cc: Rt Hon Iain Duncan Smith MP