

From: [REDACTED]  
To: [silvertowntunnel](mailto:silvertowntunnel)  
Cc: [REDACTED]  
Subject: Silvertown Tunnel (TR010021)  
Date: 26 February 2018 12:56:02

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Dear Sir/Madam,

i am writing to continue my objection to the Silvertown Tunnel for the reasons I have always objected:

1. Air quality - London air quality is already at dangerous levels - well above the EU limits for NO<sub>x</sub> and also for Particle matter - and building another tunnel which will increase traffic use will only add to this pollution. Particle Matter which is 2.5 micrometers or less likely hasn't been tested in the areas which would be affected and which as you know has far more health implications:

Recent studies indicate that PM can have the following effects on our bodies:

- PM pollution can cause lung irritation, which leads to increased permeability in lung tissue.
- PM aggravates the severity of chronic lung diseases, causing rapid loss of airway function.
- PM causes inflammation of lung tissue, resulting in the release of chemicals that can impact heart function.
- PM causes changes in blood chemistry that can result in clots that may lead to heart attacks.
- PM can increase susceptibility to viral and bacterial pathogens leading to pneumonia in vulnerable persons who are unable to clear these infections.

The smaller-sized particles - those 2.5 micrometers or less in diameter, called PM<sub>2.5</sub> - are of greatest health concern because they can pass through the nose and throat and be absorbed deep inside the lungs. PM<sub>2.5</sub> are sometimes called "fine" particles, and they are about 1/28th the diameter of a human hair or smaller.

Source: <http://www.sparetheair.org/stay-informed/air-quality-and-your-health/pm-health-effects>

2. When new roads are created the traffic expands to fill them up.

When a new road is built, new traffic will divert onto it. Many people may make new trips they would otherwise not make, and will travel longer distances just because of the presence of the new road. This well-known and long-established effect is known as 'induced traffic'.

The phenomenon of induced traffic has been observed by transport professionals repeatedly since 1925! And recent authoritative reviews have confirmed that induced traffic is still beating forecasts on new roads across the country.

Source: <http://www.bettertransport.org.uk/roads-nowhere/induced-traffic>

3. The Government, TFL and the GLA should be building more cycling, pedestrian bridges across the Thames and looking into expanding the electric rail network eg DLR to enable people to use public transport from Kent across the river near the O2 etc. In addition to the routes being provided between Cambridge and Luton etc: (<http://www.mynewsdesk.com/uk/govia-thameslink-railway/pressreleases/wide-range-of-benefits-revealed-for-may-2018-south-east-timetable-2285889>).

Yours faithfully,

Andrea Carey Fuller



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