

Title: Call for Independent Air Study Analysing the likely Impact of CCWEL Road Layout Changes on Roseburn Terrace NO2 Pollution Levels

Statement

~~We local traders and residents of Roseburn Terrace call upon the Council to commission an independent air study analysing the likely impact of CCWEL road layout changes on Roseburn Terrace pollution.~~

~~Traders and residents want an air study, for we Disturbing new research have just learnt from a recently retired local SEPA air pollution quality expert, John Lamb, with 17 years at SEPA under his belt, shows a likely of a potential risk to public health by the CCWEL. When at SEPA, he had pointed out to CEC the absence of an air pollution impact study.~~

~~Roseburn Terrace is a text book example of a street canyon, where traffic pollution becomes trapped between buildings.~~

~~This effect. His work indicates that the canyoning effect is exacerbated by prevailing windg conditions, leading to nitrogen dioxide (NO2) concentrations that are around pollution levels at least 34% higher on the south side- as CEC's passive diffusion tube measurements show of the Terrace.~~

~~The expert noted sStationary cars keep the traffic away from the act to dilute NO2 but with the proposed removal of 34m of parking, the fumes from traffic 3m closer to shopfronts, creating a space in which NO2 dilutes naturally. Dundee City Council recently moved traffic one lane from homes to reduce pollution in this way.~~

~~will push pollution levels well above legal limits.~~

~~John points out the CCWEL will remove the parking bays (and the natural dilution zone), thus moving westbound traffic 3m closer to the shopfronts. It will also move the lane of traffic waiting to turn right into the southern half of the Terrace, adding to the pollution here. The combination of these factors is likely to breach the limit set in the Air Quality Standards (Scotland) Regulations 2010. High levels can lead to - aAsthma, coronary heart disease, stroke, lung cancer, miscarriages and COPD are all known to be caused by high NO2 levels.~~

~~In summary, the proposed changes to the road layout will increase pollution to dangerous levels on the south side of Roseburn Terrace.~~

~~Roseburn is part of the City Centre Air Quality Management Area, therefore atmospheric pollution is already exceeding standards that have been put in place to protect human health. The impact of the proposed-planned changes on air quality and human health should have been be assessed by a suitably qualified expert using an approved dispersion modelling tool that can model the complex environment of a street canyon, with —such as ADMS Roads. tThe findings of this assessment should be made public.~~

~~Our FOI request asks why air monitoring ceased on the south side in 2009—see [www.tinyurl.com/roseburnair](http://www.tinyurl.com/roseburnair)~~

Reasonable steps to resolve the issues

In 2016 we, [the members of the Roseburn Vision Group](#), raised the matter of likely pollution in Roseburn Terrace through a petition against the CCWEL that drew 6,000 signatures. The Council responded by setting up a stakeholder working group who agreed by a majority to support the CCWEL. A local doctor, Dr Milton Park, had pointed out the worrying impact of poor air quality arising from the CCWEL on public health at a public meeting we arranged in August 2016 - which drew 175 people, including 9 Councillors. [The Roseburn Vision Group comprise traders and residents who have come together to give proposals on how to promote cycling in the city, without building the CCWEL.](#)

This led to the Committee meeting of December 2016 agreeing to monitor air quality after the CCWEL was built.

Since then new data and research has come to light which was presented to the Murrayfield Community Council and the police at the packed meeting on Tues 2<sup>nd</sup> April. In attendance were the 12 community councillors, two police officers, local Cllr Gillian Gloyer and 26 local residents and traders. Many were concerned about the new findings and called for an independent study on air quality BEFORE the CCWEL is built.

Cllr Scott Douglas was not present but thought the pollution research was fascinating and definitely worth bringing to the attention of the community council.

Living Streets considered the new research “looked potentially worrying”.

The research had already been reported to Christine Jardine MP, Alex Cole-Hamilton MSP and Friends of the Earth Scotland in early March 2019.

We have submitted an FOI asking why monitoring of NO2 ceased on the south side between 2009 and 2016 - see [www.tinyurl.com/roseburnair](http://www.tinyurl.com/roseburnair)

The Community Council called upon Cllr Gloyer to assist and she undertook, as a first step, to forward the new pollution research to the Convener of the Transport and Environment Committee and ask what investigations had been carried out.

Such was the strength of local feeling on this matter, the traders and residents wanted to petition the Council as well.

Start date 19<sup>th</sup> April

End date 26<sup>th</sup> April