

Submission to EPA
Re Reference No WO167-03
Re: Indaver Incinerator Duleek, Co Meath
To incinerate 20,000 tonnes per annum of hazardous waste

From Mr Ollan Herr
"Zero Waste Alliance Ireland"
Túr na Gaoithe
Philipstown
Castleblaney Rd
Dundalk
County Louth
086 1700569

Date 23rd July 2012

Dear Inspector

I have already made a submission and this was acknowledged by Ann Kehoe in her letter to me on the 16th July. In her letter she suggested that a further submission could be made.

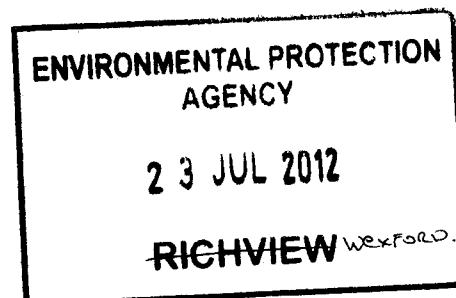
If it is possible I would like to take up this offer to make a short further submission. I will be brief.

I made the point previously of the need to measure health impacts among the local population as a result of further increases in various pollutants such as Dioxins and the various toxic chemicals contained in the PM2.5 and PM1 micro particles from the incinerator stack.

I attended a talk recently on the 27th June, hosted by the EPA at Kevin Street Dublin on the subject of studies conducted on the mortality rates in 6 US cities directly arising from PM 2.5 particulate pollutants. There is now growing and incontrovertible evidence that micro particle pollution is indeed the cause of premature death. Evidence was shown of the increase rates of premature deaths as a result of increasing levels of air pollution. The speaker on the day spoke of the closure of a coal burning fire station in the US as a result of evidence that was presented proving a link between PM 2.5's and mortality rates in down wind cities.

I want to make the point to you that any further increase of PM2.5 pollution around the Duleek and Drogheda areas will most certainly lead to an increase in premature deaths. It is therefore very important that the EPA carefully applies the precautionary principle when considering the consequences of an application to burn 20,000 tonnes per annum of hazardous waste.

Yours Sincerely
From Mr Ollan Herr
"Zero Waste Alliance Ireland"
Túr na Gaoithe
Philipstown
Castleblaney Rd



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086 1700569

Search Results

1. An Association between **Air Pollution** and Mortality in **Six** U.S. **Cities...**
www.nejm.org/doi/full/10.1056/NEJM199312093292401
by DW Dockery - 1993 - Cited by 4592 - Related articles
9 Dec 1993 – In this **study**, a well-characterized cohort of adults participating in the Harvard **Six Cities Study** of the health effects of **air pollution** was followed ...
2. [PDF]
Reanalysis of the Harvard **Six Cities Study** and the American Cancer ...
pubs.healtheffects.org/getfile.php?u=273
File Format: PDF/Adobe Acrobat
1 Nov 2001 – **Six Cities Study** and the American Cancer Society. **Study** of Particulate **Air Pollution** and Mortality. A Special Report of the Institute's Particle ...
3. Reduction in Fine Particulate **Air Pollution** and Mortality
ajrccm.atsjournals.org/content/173/6/667.full
by F Laden - 2006 - Cited by 453 - Related articles
15 Mar 2006 – Reduction in Fine Particulate **Air Pollution** and Mortality. Extended Follow-up of the Harvard **Six Cities Study**. Francine Laden,; Joel Schwartz, ...
4. **Air Pollution** & Respiratory Disease
www.niehs.nih.gov/health/impacts/respiratory/
One of the first **studies** to establish a link between **air pollution** and respiratory health was the NIEHS-funded **Six Cities Study**, a long-term **study** on residents of ...
5. Harvard **Six Cities Study** Follow Up: Reducing Soot Particles Is ...
www.hsph.harvard.edu › ... › Press Releases › 2006 Releases
15 Mar 2006 – Harvard **Six Cities Study** Follow Up: Reducing Soot Particles Is ... The **study** led to a revision of existing **air quality** standards by the EPA.
6. Poor **air quality** in classrooms related to asthma and rhinitis in ...
thorax.bmj.com/content/early/2012/03/20/thoraxjnl-2011-200391
by I Annesi-Maesano - 2012
21 Mar 2012 – Poor **air quality** in classrooms related to asthma and rhinitis in primary schoolchildren of the French **6 Cities Study**. This article has been ...
7. **Air Pollution Studies** Using the Harvard **Six-Cities** and the A ...
journals.lww.com › Home › November 2008 - Volume 19 - Issue 6

by C Pope III - 2008

Air Pollution Studies Using the Harvard **Six-Cities** and the ACS Cohorts:
What we have Learned and what we Still Don't Know ...

8. **Air pollution** - Wikipedia, the free encyclopedia

en.wikipedia.org/wiki/Air_pollution

7 **Cities**; 8 NATA; 9 Governing urban **air pollution** – a regional example (London) ... (4) acid rain, (5) increased ground level ozone concentration, (6) increased A recent **study** also found an association in women between **air pollution** and ...

9. [PDF]

The National Morbidity Mortality **Air Pollution Study** NMMAPS

www.jhsph.edu/research/...for.../francescapresentation8_3_05.pdf

File Format: PDF/Adobe Acrobat - Quick View

50 Years of **Air Pollution. Research.** 1960. 1970. 1980. 1990. 2000. 1950.

London Fog. Surveys. Ecological **studies.** Early time-series **studies.** **Six.**

Cities. Study ...

10. [PDF]

Overview of the Reanalysis of the Harvard **Six Cities Study** and ...

www.irr-neram.ca/pdf_files/colloquium/harvard6.pdf

File Format: PDF/Adobe Acrobat - Quick View

1 This article provides an overview of the recent reanalysis of the Harvard **six cities study** and the American Cancer Society **study** of particulate **air pollution** and ...

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Josephine Kennedy

Subject: FW: Submission on Licence No WO 167-03 Indaver application to burn 20,000 tonnes of waste at Duleek
Attachments: Submission to EPA No 2 - 23rd July 2012.doc

From: Ollan Herr [<mailto:reedbedsireland@eircom.net>]

Sent: 23 July 2012 13:31

To: Licensing Staff

Subject: FW: Submission on Licence No WO 167-03 Indaver application to burn 20,000 tonnes of waste at Duleek

Dear sir / madam

I hope you would accept a second "brief" submission from the Zero Waste Alliance of Ireland regarding the planning application from Indaver to burn 20,000 tonnes of hazardous waste at Caronstown, Duleek, County Meath.

Yours Sincerely

Ollan Herr

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