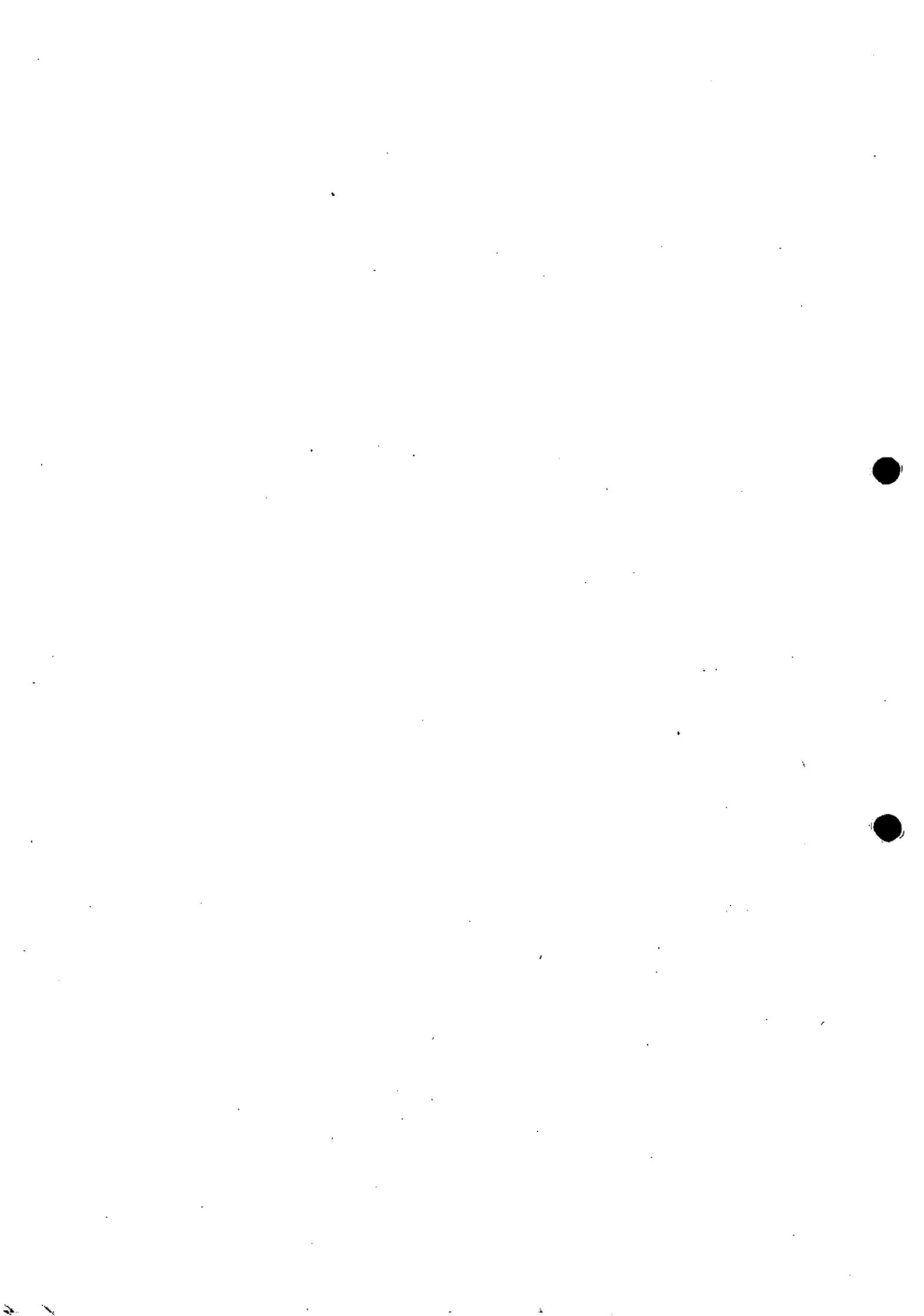


APPENDIX 4

CORRESPONDENCE FROM OTHER  
AUTHORITIES WITH INCINERATORS



Mr P Watts  
Operational Director  
Env & Regulatory Service  
Rutland House  
Halton Lea  
Runcorn  
Cheshire  
WA7 2GW

T Williams

020 8379 3687

11/07/2007

Dear Mr Watts

### **Energy from Waste Facilities**

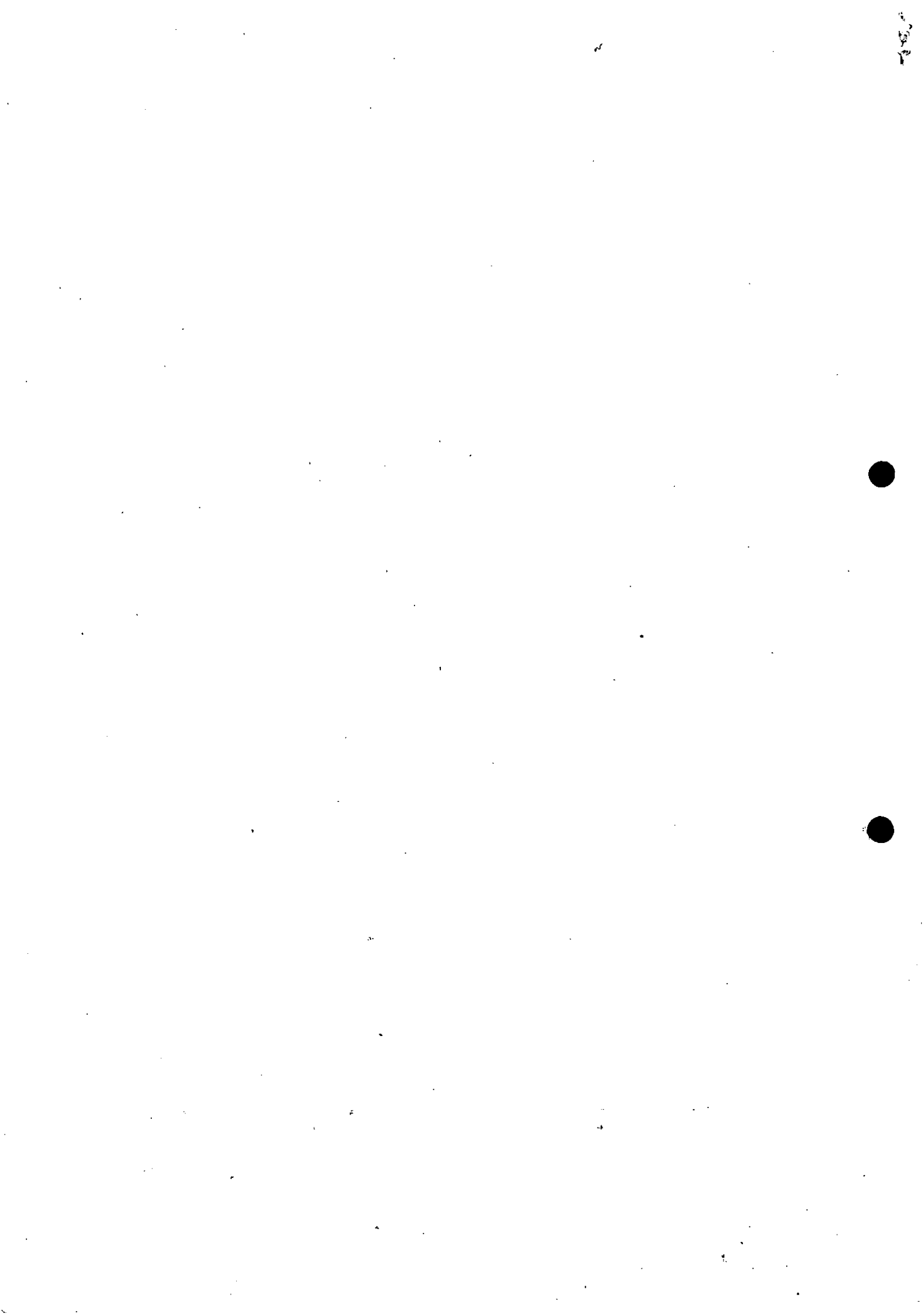
I refer to your letter of the 26 June regarding the above. Enfield does have a large EFW plant operating in the borough, which has been in existence since 1969. Until recently it was the largest incineration plant in Europe. The site also operates ancillary activities, such as autoclaving to sterilise waste, metal recovery and storage and reuse of 'bottom ash' residue into building materials.

In responding to your query about health impacts, similar questions have been raised, from time to time, by the public. Neither the Council or the local health professionals are aware of any health issues of any significance in the borough which may be attributable to the operation of the site.

The Council has carried out its review and assessment of air quality and the associated update assessments all of which incorporated the EFW plant emissions as a point source. They were not found to be of any significance in respect of air quality in Enfield. The incinerator plant has a stack some 100m high which makes dispersion efficient. The Environment Agency set stringent operating and monitoring conditions, details of which we receive for the Public Register. In respect of these issues a number of studies were carried out several years ago, by the National Society for Clean Air and the Environment Agency, all of which lend weight to the argument that modern waste incineration methods and tight regulation is an effective, clean waste management tool.

The principal air pollutants of concern in Enfield remain those associated with the use of motor vehicles, i.e. oxides of nitrogen and small particles.

Other issues which you may wish to consider include typical nuisance issues, depending on location such as;

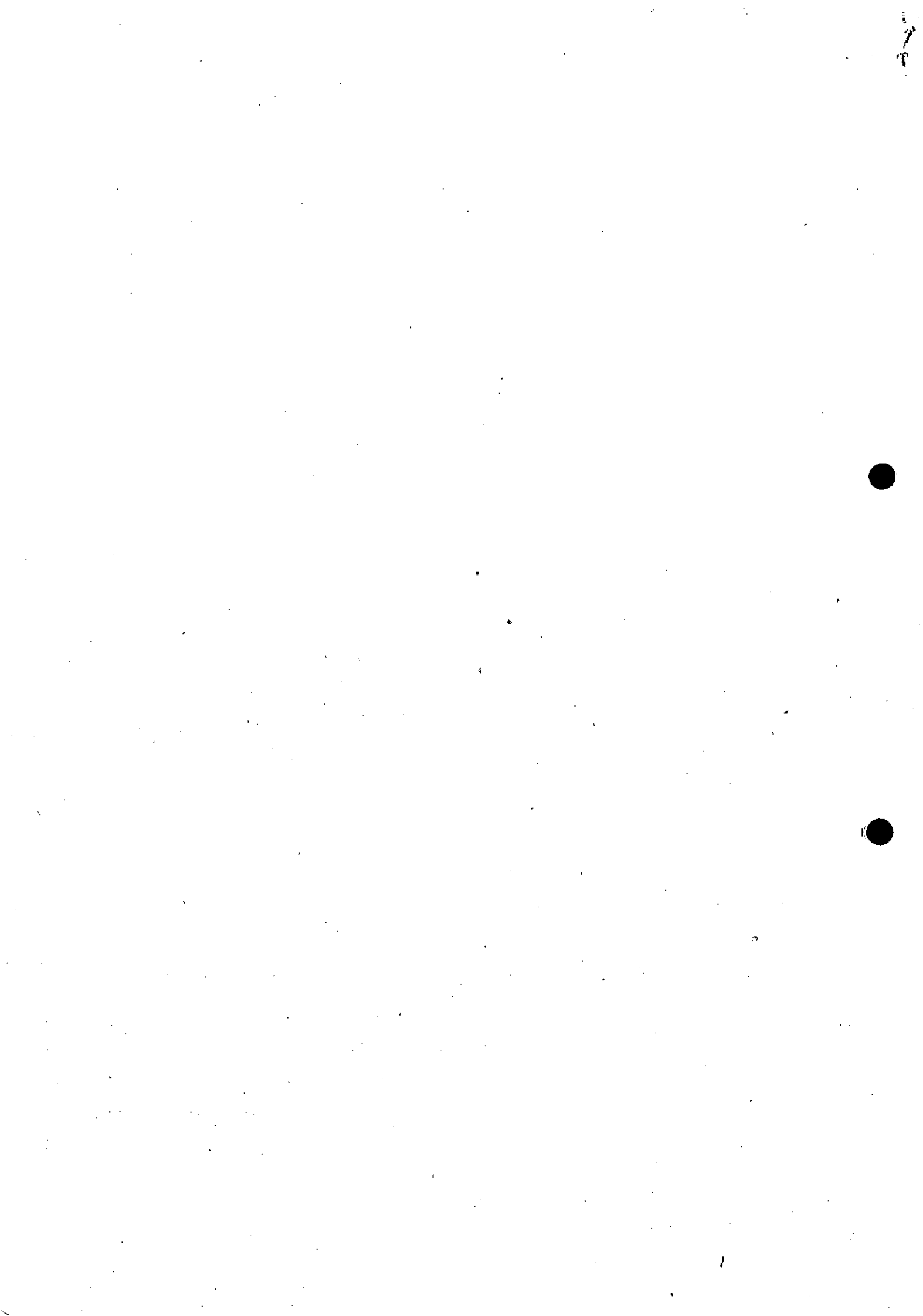


- Vehicle movements (refuse vehicles and other contractor/commercial HGV's)
- Noise
- Odour
- Dust
- Ancillary site developments associated with waste management, which may not subsequently require planning permission.

I trust the above is of assistance. If you wish to speak to me direct please do not hesitate to contact me on 0208 379 3687 or by e-mail above.

Yours Sincerely,

Trevor Williams  
Head of Environmental Health.



**Plant, Andrew - Environment**

---

**From:** Watts, Phil - Environment  
**Sent:** 11 July 2007 15:49  
**To:** Plant, Andrew - Environment  
**Subject:** FW: Energy from waste enquiry



Halton enquiry  
response030707....

-----Original Message-----

**From:** Trevor.Williams@enfield.gov.uk  
[mailto:Trevor.Williams@enfield.gov.uk]  
**Sent:** 03 July 2007 14:31  
**To:** Watts, Phil - Environment  
**Subject:** Energy from waste enquiry

Dear Phil

I tried to phone, but no reply.

Hope this is of assistance. Please call me if there is anything further I can help with.

(See attached file: Halton enquiry response030707.doc)

\*\*\*\*\*  
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If you receive this email in error please contact the sender as soon as possible and delete the email and any attachments.

\*\*\*\*\*





## Plant, Andrew - Environment

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**From:** Watts, Phil - Environment  
**Sent:** 11 July 2007 15:30  
**To:** Plant, Andrew - Environment  
**Subject:** FW: Energy from waste

for info

-----Original Message-----

**From:** Stijn Valgaeren [mailto:Stijn.Valgaeren@stad.Antwerpen.be]  
**Sent:** 05 July 2007 16:31  
**To:** Watts, Phil - Environment  
**Cc:** johnny.bakx@isvag.be  
**Subject:** Energy from waste

Dear Mr Watts,

In your letter to Mr Verhaert, secretary of the city of Antwerp, sent the 26th of June; you have asked some information into the health effects of installations and monitoring.

We contacted the interlocal incineration company, ISVAG, to answer all your questions. ISVAG has also an agreement with Electrabel for energy recuperation.

Feel free to contact Mr Johnny Bakx, company leader of ISVAG ([www.isvag.be](http://www.isvag.be)).

Yours sincerely,

On behalf of Mr Roel Verhaert

Stijn Valgaeren

Stad Antwerpen | secretariaat stadssecretaris

Grote Markt 1 | 2000 Antwerpen

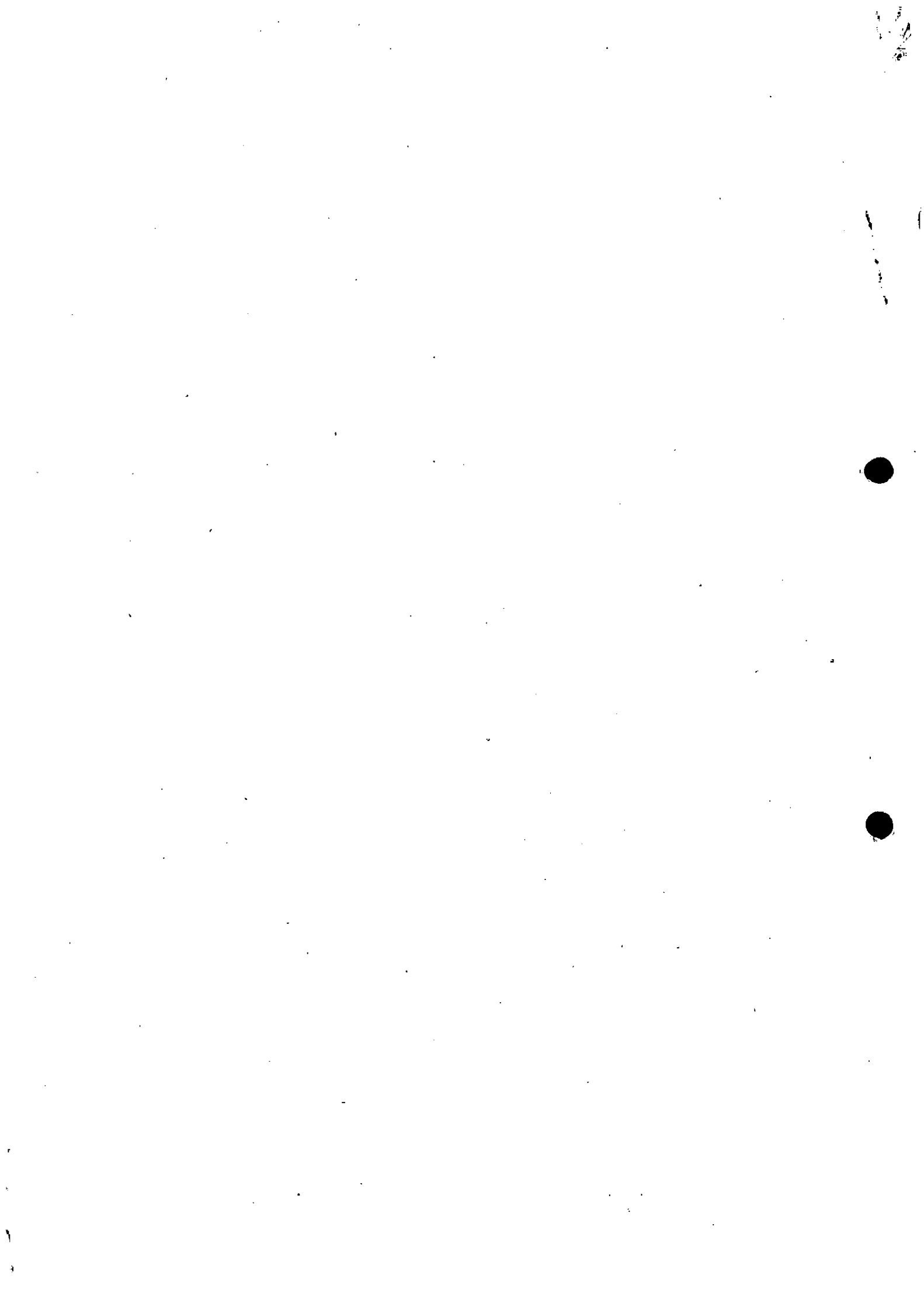
tel 03 220 82 79 | gsm 0495 20 20 37 | fax 03 220 86 51

[stijn.valgaeren@stad.antwerpen.be](mailto:stijn.valgaeren@stad.antwerpen.be) <<mailto:stijn.valgaeren@stad.antwerpen.be>> | [www.antwerpen.be](http://www.antwerpen.be)

't Stad is van iedereen.

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**Plant, Andrew - Environment**

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**From:** Watts, Phil - Environment  
**Sent:** 11 July 2007 15:31  
**To:** Plant, Andrew - Environment  
**Subject:** FW: your letter to Roel Verhaert - stadssecretaris Antwerpen  
 for info

-----Original Message-----

**From:** Johnny Bakx [mailto:johnny.bakx@isvag.be]  
**Sent:** 06 July 2007 13:49  
**To:** Watts, Phil - Environment  
**Cc:** Stijn Valgaeren; Andrea Schonken; Karin Van Couwenberg  
**Subject:** your letter to Roel Verhaert - stadssecretaris Antwerpen

Dear Mr Watts,

I received a call from Mr Stijn Valgaeren concerning your questions. I hope I can help you.

We believe (and it is proven) that a waste-to-energy plant, operating under the European conditions (2004/107/EG concerning air quality, and others...), will have **no** significant effect onto the health of local residents.

The operating conditions with best available technology, witch have to be met by any (waste-to-energy) plant, can be found on the internet site of the European community.

Of course, these conditions are also integrated under Belgian law in the VLAREM registrations. I have no idea how they are covered under English law.

Most recent studies, concerning bio monitoring of health of a population, showed no significant impact on local residents nearby a waste-to-energy installation. These last studies can be found on the internet under [www.milieu-en-gezondheid.BE](http://www.milieu-en-gezondheid.BE). However, I think these studies are only available in Flemisch language. In Flanders we have a well known institute named VITO, Vlaams Instituut voor Technologisch Onderzoek (Flemish Institute on Technological Studies). They where one of the investigators in the above mentioned studies. You can perhaps contact them for further information on [www.vito.be](http://www.vito.be). This site is also available in English language. Their Mr Raf De Fré is one of the leading specialists concerning air pollution. You can contact him with my greetings.

Monitoring the operating conditions of a plant is done by online analysers. We are measuring emissions in the chimney, not immissions on a certain spot further away from the plant. Under the earlier mentioned European and Belgian guide lines and laws, we are obliged to measure and registrate on a permanent basis, the following items: Dust, CnHm, HCl, CO, SO2, NOx, O2 and the flow of the flue gasses.

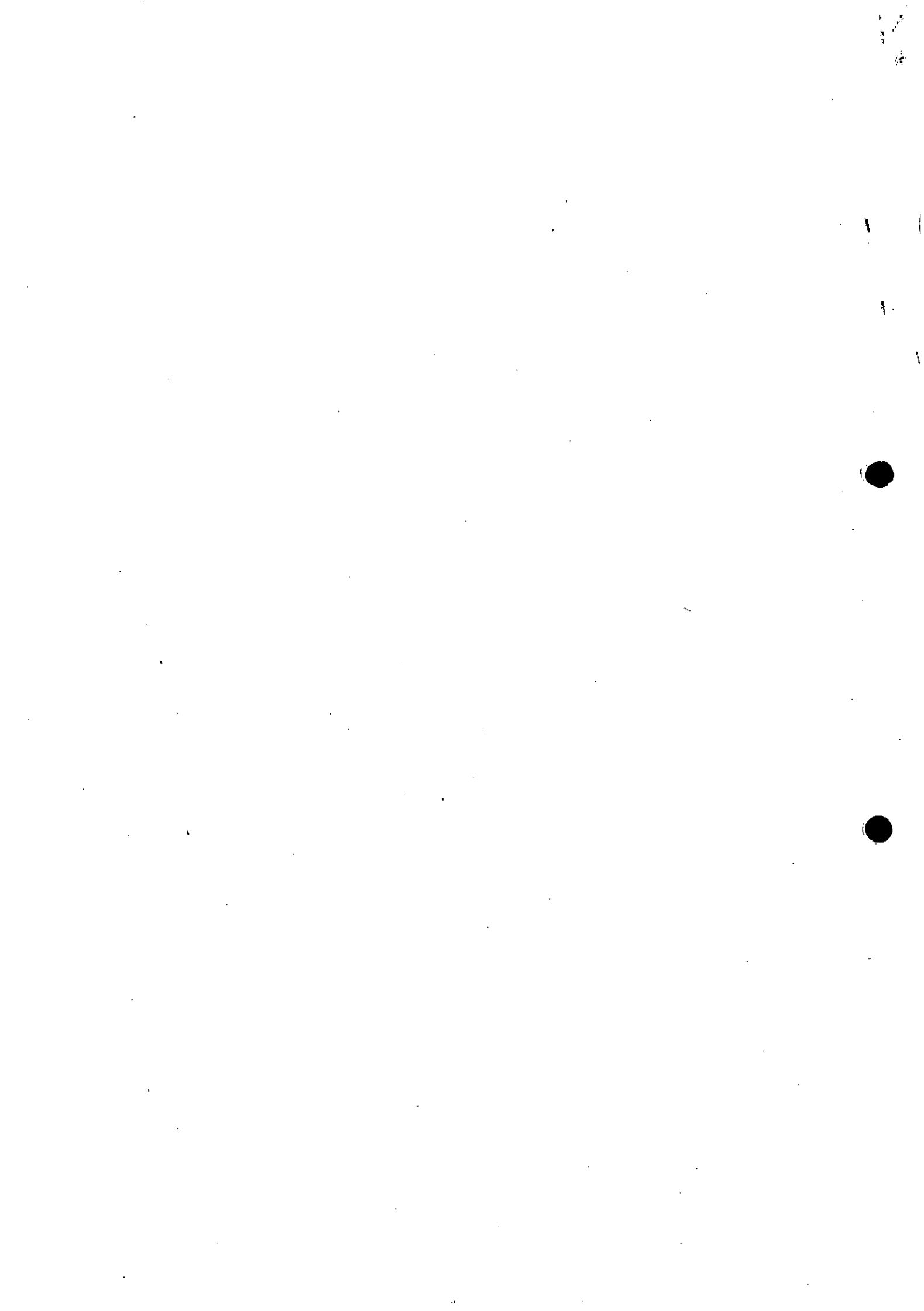
There is also an obligation to monitor the flue gasses on dioxins and furans. This is done by constantly leading a known part of the gasses through a bulb filled with a restraining powder. Every two weeks the bulbs are changed an analysed in a laboratory. After a fortnight you receive the results. Every contaminant has a determinated maximum to be respected.

Hopefully this will answer your questions, if not please do not hesitate to contact me again,

Kind regards,

Johnny Bakx  
 Bedrijfsleider





Boomssteenweg 1000  
B-2610 Wilrijk  
Tel.: + 32 (0)3 877 28 55  
Fax: + 32 (0)3 887 09 28

