City of London Corporation NRMM Context

18th March 2016

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What affects air quality in the Square Mile?

Main sources

- Diesel vehicles
- Boilers / CHP/ generators
- Construction site equipment
- London wide and regional emissions
- Emissions from the continent
- Concentrations affected by emissions and weather





What is the City Corporation doing?

Air Quality Strategy 2015 has 10 Policy Areas:

- Air quality monitoring
- Political influence and commitment
- Working with the Mayor of London
- Working with other external organisations
- Reducing emissions from transport
- Reducing emissions from new developments
- Leading by example
- Recognising and rewarding good practice
- Raising awareness
- Air quality and public health



Condo

Reducing emissions from new developments through planning

- Low NOx boilers / CHP
- encourage non-combustion renewables
- Ensure chimneys discharge above roof height
- 'Air Quality Neutral' developments
- Control of emissions from demolition and construction through the City's Code of Practice (Scheme of Protective Works)

Department of Markets and Consumer Protection

> Code of Practice for Deconstruction and Construction Sites

Seventh Edition – May 2013



Department of Markets and Consumer Protection City of London PO Box 270 Guildhall London



What is the Corporation doing?

- Pre-commencement condition
- Scheme of Protective Works
- Code of Practice (2013):

Machinery and Equipment on Site

4.7 All Non-Road Mobile Machinery (NRMM) should meet Stage IIIB emission criteria, unless it can be demonstrated that Stage IIIB equipment is not available. If Stage IIIB equipment is not available, NRMM must be fitted with particle traps and / or catalytic exhaust treatment wherever possible. An inventory of all NRMM must be kept on site and all machinery should be regularly serviced and service logs kept on site for inspection. Records should be kept on site which details proof of emission limits for all equipment.



The Scheme of Protective works: wider picture

is the NRMM actually required?

- e.g. connect to the National Grid what alternative fuels and technologies are available?

- e.g. petrol hybrid or gas generators/cranes? is the correct fuel being used to reduce emissions?

- e.g. city diesel?

is the equipment being uses correctly

i.e. non-idling and staff training
is the equipment in good repair and well maintained?





NRMM: What is the City Corporation doing?

Pre 2015 Sept:

- discussed at meetings
- Code / Scheme of Protective Works

Post September 2015:

- As above
- e-mailed all sites with details
- NRMM link in all e-mail signatures
- NRMM Seminar 11th January 2016
- followed up e-mail / calls



NRMM Industry Seminar 11th January 2016

- 70 delegates
 - engaged and wanting to know how to comply
- 26 Companies
 - construction / plant hire / deconstruction
- Presentations
 - GLA/Kings/Industry
- Q&A session
 - feedback invited / shared





Industry seminar feedback

Exemptions / retrofit

- Greater clarity wanted
- Faster turn around
- Someone to speak to at the GLA

Website

- Problems registering
- Be able to check contractors
- CSV download
- More functionality e.g. adding comments

Enforcement:

- How will it be checked / enforced?
- Level playing field across all LA's
- Industry needs more time



Sites in the City

- 50 sites, including 1 Crossrail site across 4 locations and 2 x Bank Station Capacity upgrade sites
- 32 sites have registered. First count 40 sites, but: 2 test sites / 3 wrong LA / 3 duplicate sites
- to date, 12 sites have registered equipment or do not need to register equipment as none on site <u>due phase</u> of <u>development</u> / <u>on-site restrictions</u>

On-going investigations where not registered





Sites in the City

Barriers to registering:

- log-on problems
- problems using website
- more clarity and time required
- contact is no longer valid, follow-up required
- smaller sites (may never register equipment)
- Some trainees and admin managing the entries so may not have buy in

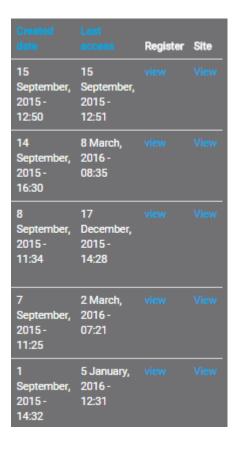




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Barriers to checking using website

- Sites think LA's have control of Website.
 - Please can you...
 - correct the spelling mistake for our site
 - resend log-in details
 - provide training
 - approve exemptions...etc...
- Unable to download information
- Unable to add notes
- Unable to track changes easily
- Is there a register at a glance?
- Duplicate sites create extra work
- Wrong LA (new one this morning)
- Site identification
- Sites are registered but no equipment on site
- What happens to 'old' sites?





Monitoring / Enforcement

Pollution Team:

- checking website
- calls / e-mails
- meetings / site visits
- CCS Scheme: Environment Award
- MAQF Bid(thank you Jason Andrews: Merton/Richmond)

Development Management and Enforcement:

- Discussions
- Enforcement Notice
- Prosecution (fine)



Thank You

Questions

