

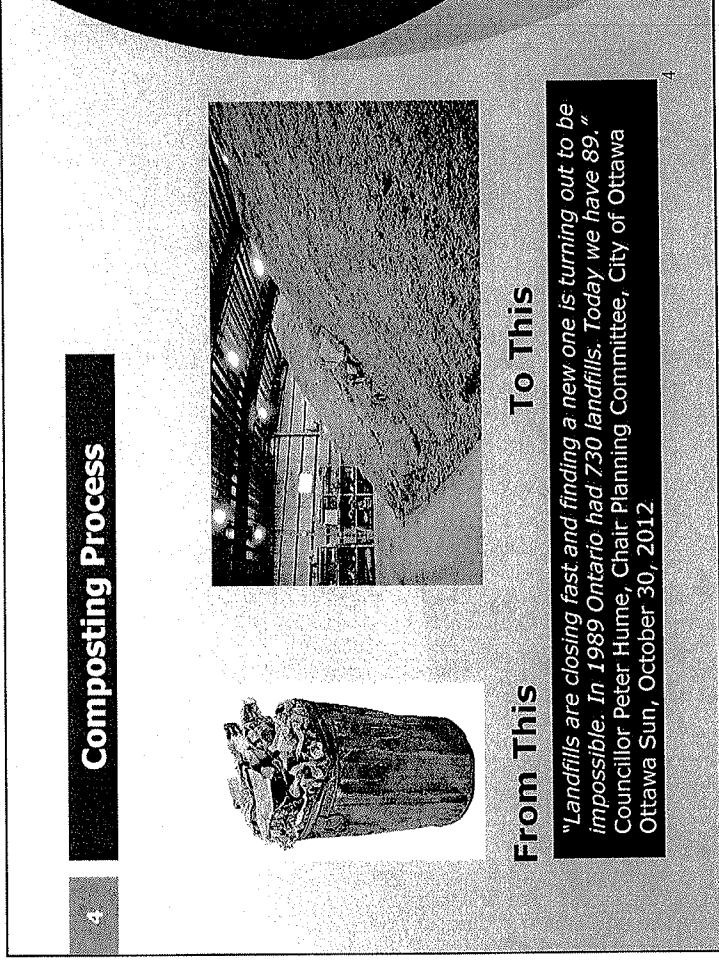
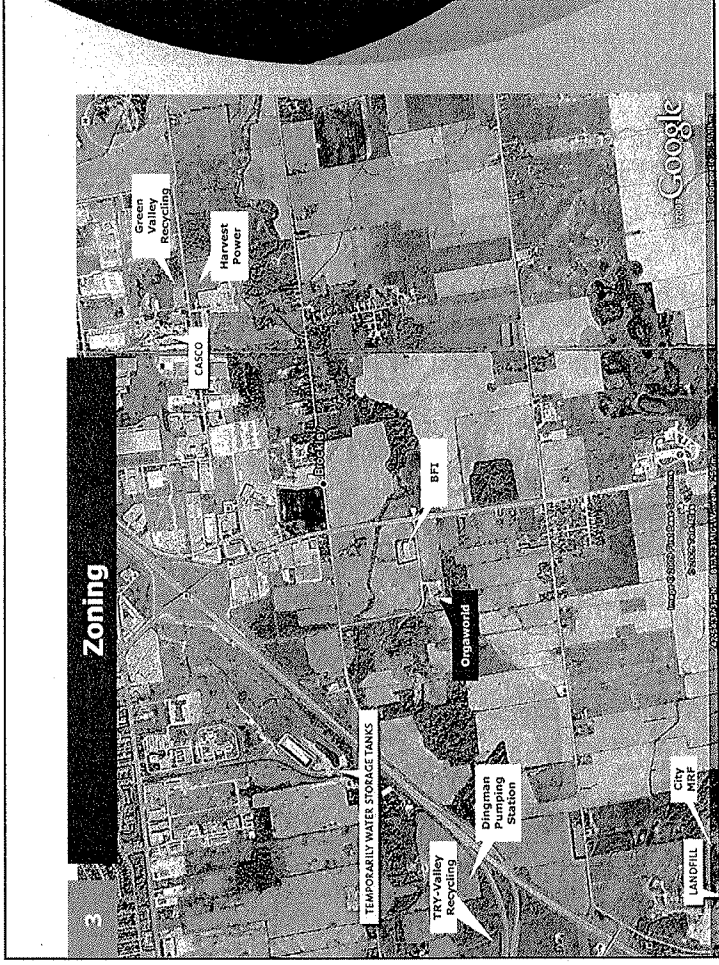
November 13, 2012

Planning & Environment Committee



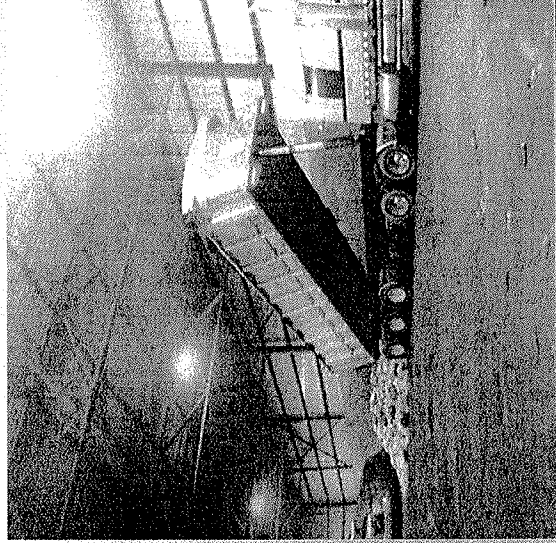
Public Participation Meeting

160,000 Square Foot Plant (4675 Wellington Road)
3,700 Square Foot Office (150 Kent Street)
\$35 million + Initial Investment
\$5 million Odour Abatement System Improvements
22 Employees
\$175,000 Municipal Taxes
>\$1 million in Local Goods & Services
120,000 Tonnes of SSO Diverted from Landfills
50,000 Tonnes of Compost Produced and Sold



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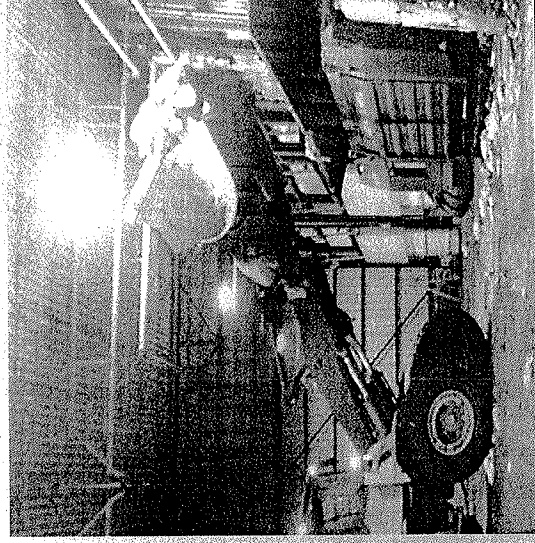
Truck Unloading SSO



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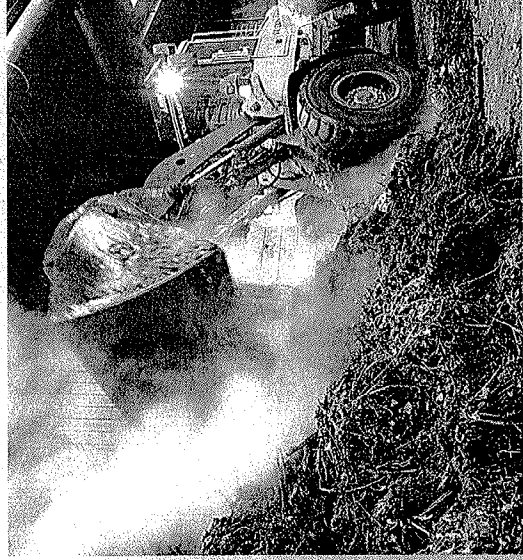
Bag Opener/Shredder



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Mixing



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Process Tunnel



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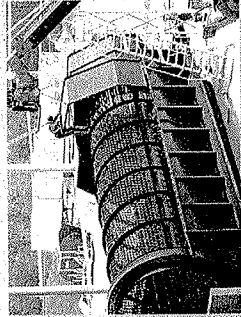
Loading Screening Line



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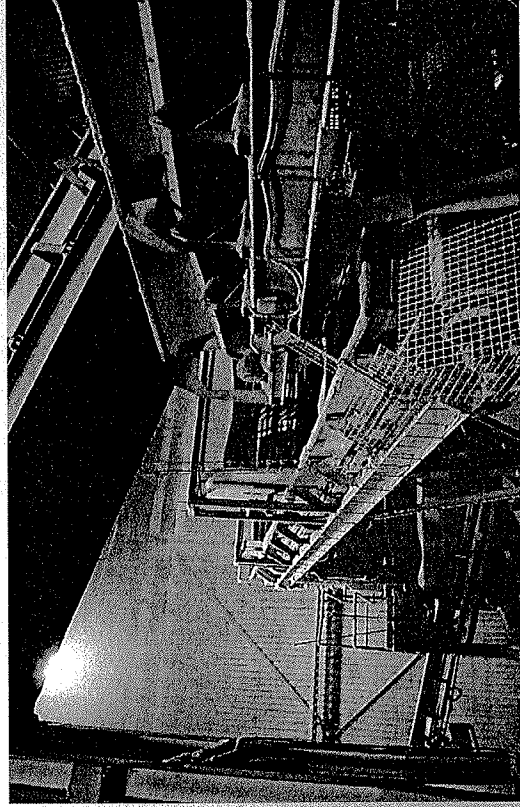
Drum Screen



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Ballistic Separator



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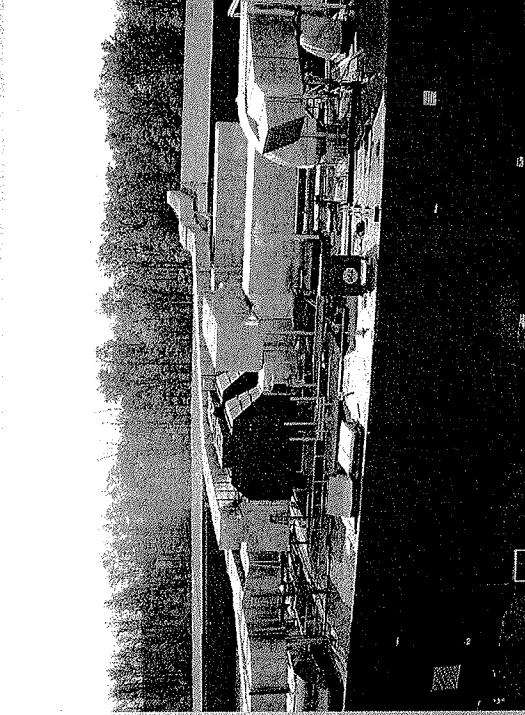
Compost



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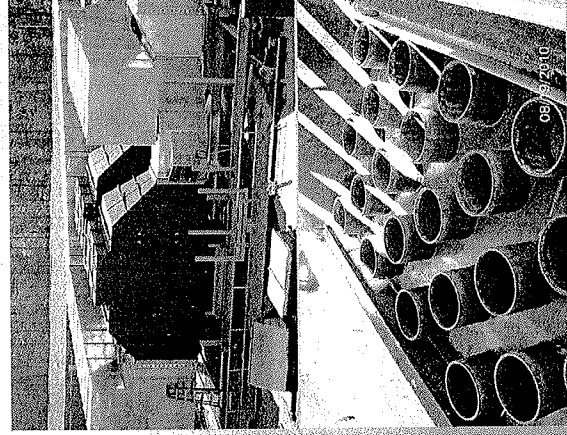
Odour abatement system



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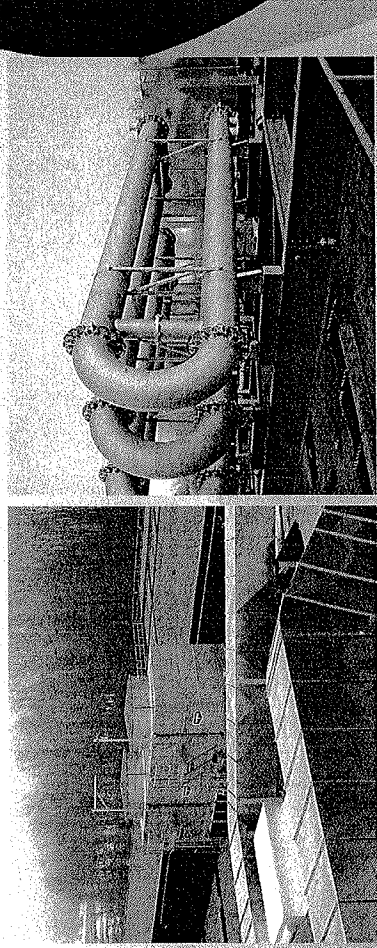
Ammonia Scrubbers



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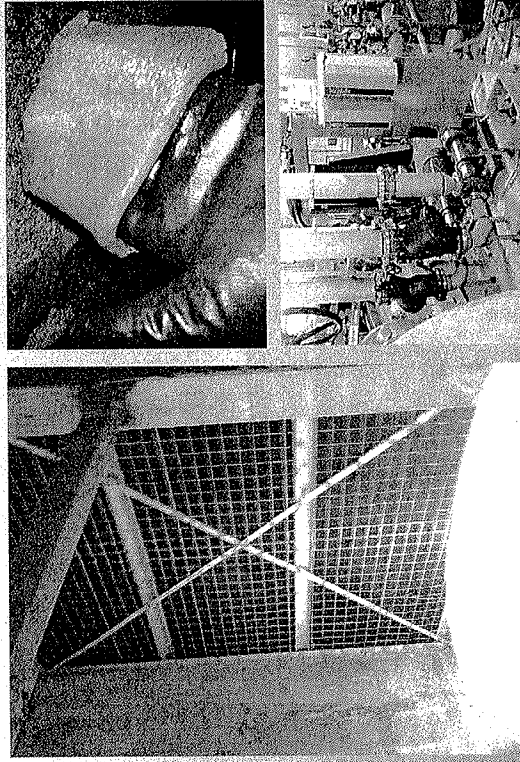
Cooling System



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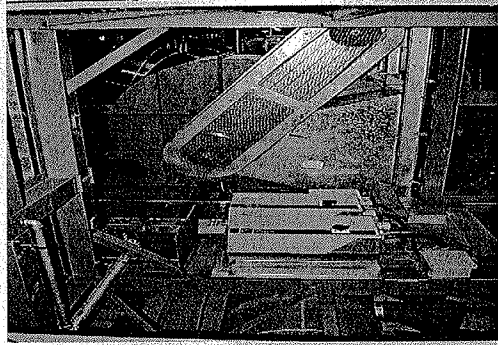
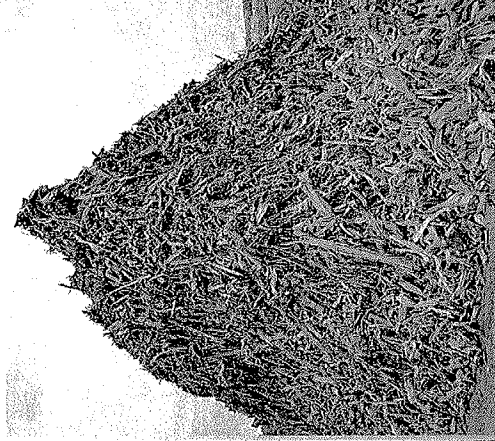
Bioscrubber



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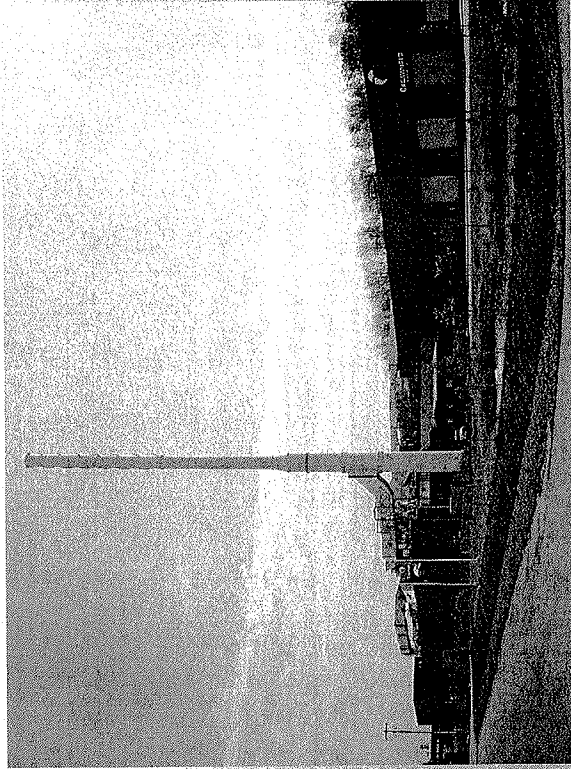
Biofilter



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Stack



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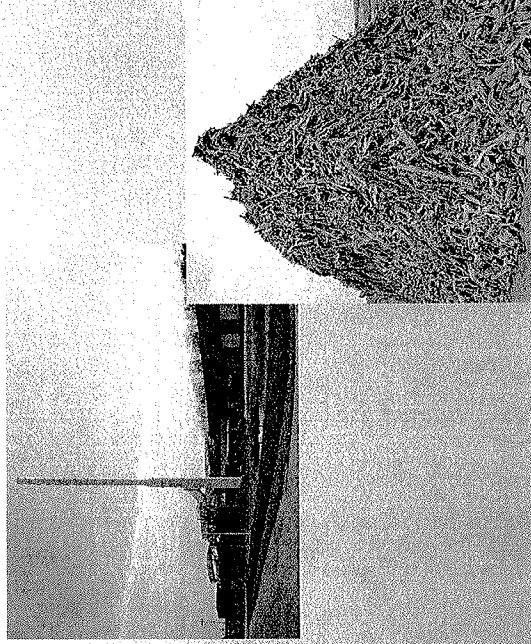
Improvements to the Site

- **Continuous Improvement**
- **2010 Voluntary Shutdown**
- **\$5 Million Retrofit**
- **Further improvements this summer and fall included:**

Improvements to the Site

- Increased flushing and refreshment of the bioscrubber is helping to maintain acceptable odour loads.
- Computer reprogramming of the filter fans coupled with modifications to some of the instrumentation are in progress to reduce fluctuations.
- Leaking louvers have been completely sealed.
- Meetings have taken place with proponents offering to deliver alternative ways of treating odour.
- A more detailed report on the findings is being prepared and will be shared with stakeholders.
- Meeting with City Officials to discuss findings and action plan.
- Update to PLC members in November.
- Biofilter 5 fan reprogrammed.
- Differential pressure sensors adjusted.
- Bioscrubber flushing.
- Proposed scrubber re-design to be communicated

Odour



Odour

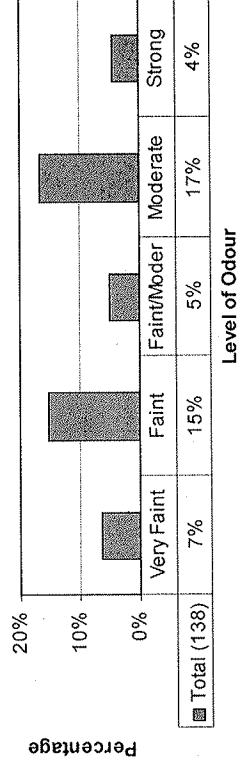
Date	Test Level
December 2007	0.91
June 2009	1.00
March 2011	0.48
August 2011	0.52
June 2012	0.59

"What smells offensive is a matter of personal opinion. That along with unfulfilled expectations is what is lingering in the air."
 Dayl Newcombe CTV Reporter during the August 29, 2012, 6:00 pm news

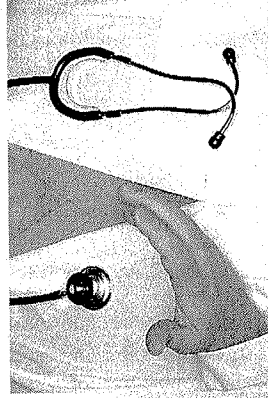
"Frankly, I don't find it — both inside and outside the plant — as overpoweringly awful as I'd expected. This is, after all, a place that processes garbage. And there's no two ways about it — garbage smells."
 Ian Gillespie, The London Free Press October 11, 2012

Odour

Breakdown of Orgaworld Odour
(September 22 to October 21, 2012)



Health Concerns



"Given that the measured background concentrations and stack concentrations results are not significantly different from each other. In addition, keeping in mind the dilution of the stack air that would occur as it disperses, and all the uncertainties for source testing and analysis. Based on all this information we conclude that the stack is not adding significantly to the bioaerosol loading in the area."

Iqbal Kalsi MBA, CPHI(C), CCEP

Number of Complaints

- 71% of complaints from six households
- Odour complaints during plant closure
- Complaints when wind blowing from wrong direction
- City officials corrected residents that some odours also originate from the landfill
- Wildly exaggerated complaints
- A "10" versus a "2" – light intermitted odour
- Ottawa has had ZERO odour complaints related to its operation

"We live in an industrial, throw-away society, and seem averse to taking responsibility for the consequences of our lifestyle. By far, the best individual solution is home composting. Of course this limits you to vegetable scraps and the like (can't throw out meat or diapers). Still, facilities such as this are necessary so we don't fill up our landfills unnecessarily. I'm glad to see Orgaworld working on odour abatement plans, and continuing a program of continual improvements towards that goal. I hope they, and the community finally find themselves in a more harmonious relationship."
Reader comments on the October 11, 2012 LFP story

Property Values

Ottawa: 24%
 Toronto: 23%
 Windsor-Essex: No change
 Simcoe-Barrie: 6%
 Kingston: 18%
 Kitchener-Waterloo: 15%
 Thunder Bay: 26%

- Inaccurate statements about property values
- MPAC analysis shows 7% property value increases for London & 17% for the province
- Independent analysis concludes "Any claim of injurious affections to the houses in the study area is not supported by market data."

"What I worry about is that with the property values it is almost initiated by the wind opponents coming in with signs and attention on possible negative effects of wind turbines. It is almost a created problem."
 Jutta Spletstoesser, president of Friends of Wind Ontario.

MOE Charges

- Two prosecutions have been initiated
- 2008 prosecution associated with outdoor storage of compost – Orgaworld is appealing
- 2010 duplicate prosecutions should be 1 prosecution for odour between April and July of that year
- This was also before the \$5 million retrofit
- This prosecution has yet to go to court
- There is no long history of odour charges

Quality of Compost

- Sold out
- Orgaworld compost increases yields
- Orgaworld compost improves soil conditions
- Reduces the need for chemical fertilizers
- Passes OMAFRA and MOE guidelines
- Coalition member misrepresented a local farmer during a radio call-in show on August 30, 2012
- Farmer has refuted this misrepresentation
- Will continue to use Orgaworld compost

Nuisance By-Law

- Odour is very subjective
- No “smellometer”
- Odour by-law would be extremely expensive
- Send negative message to business
- No comparison to Halton Recycling

“If anyone should have an issue with disgusting odors it should be the people of south and central London thanks to the Labbatt’s Brewery! SHUT IT DOWN!”
Krosillus, 2 months ago in response to August 29, 2012 6:00 pm CTV news story

In Conclusion

- Orgaworld is committed to:
 - waste diversion
 - the community and the City of London
 - continuous improvement
 - working cooperatively with all stakeholders to resolve odour issues
- Implementation of an odour by-law will be:
 - costly
 - fraught with problems
 - damaging to the London economy
 - MOE is already responsible