



DCO Submission

Environmental Statement

**Chapter 4:** Air Quality and Odour

**Appendix 4.1:** Glossary Of Terms For Air Quality And Odour

Document 6.4A

On behalf of

**Oxfordshire Railfreight Limited**

Prepared by Phlorum  
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## Appendix 4.1: Glossary of Terms for Air Quality and Odour

**Table 4.1.1: Glossary of Terms**

Term	Definition
AADT	Annual Average Daily Traffic flow
Air quality objective	Policy target generally expressed as a maximum ambient concentration to be achieved, either without exception or with a permitted number of exceedances within a specific timescale (see also air quality standard)
Air quality standard	The average concentrations of pollutants in the atmosphere, measured over defined periods, that are considered acceptable, based on current scientific knowledge of effects on human health (see also air quality objective)
Annual mean	The average (mean) of pollutant concentrations measured over a one year time period. Usually this is for a calendar year.
AQAL	Air Quality Assessment Level
AQAP	Air Quality Action Plan
AQMA	Air Quality Management Area
AQS	Air Quality Strategy
AW	Ancient Woodland
Defra	Department for Environment, Food and Rural Affairs
DMRB	Design Manual for Roads and Bridges
EPIC	Environmental Policy Implementation Community
EPUK	Environmental Protection UK
HDV	Heavy Duty Vehicles (HGVs + buses and coaches)
HGV	Heavy Goods Vehicles
IAQM	Institute of Air Quality Management
LAQM	Local Air Quality Management
IVCF	In Vessel Composting Facility
LDV	Light Duty Vehicles (motorbikes, cars, vans and small trucks)
LNR	Local Nature Reserve
NO	Nitrogen monoxide, a.k.a. nitric oxide
NO <sub>2</sub>	Nitrogen dioxide
NO <sub>x</sub>	Nitrogen oxides (i.e. NO and NO <sub>2</sub> )

Term	Definition
OMP	Odour Management Plan
ou/m <sup>3</sup>	Odour units per cubic metre of air
Percentile	The percentage of results below a given value
PM <sub>10</sub>	Particulate matter with an aerodynamic diameter of less than 10 micrometres
PM <sub>2.5</sub>	Particulate matter with an aerodynamic diameter of less than 2.5 micrometres
SAC	Special Area of Conservation
SSSI	Site of Special Scientific Interest
Trackout	The transport of dust and dirt from a construction or demolition site onto the public highway, where it may be deposited and then re-suspended by passing traffic
micrograms per cubic metre (µg.m <sup>-3</sup> )	A measure of concentration in terms of mass per unit volume. A concentration of 1µg.m <sup>-3</sup> means that one cubic metre of air contains one microgram (millionth of a gram) of pollutant



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