

Wingmoor Dust Monitoring

Public Health England report - October 2014

Background

In 2011 we carried out a 12 week dust monitoring exercise near the Grundons hazardous waste landfill site. We repeated a similar monitoring exercise from July 2013 to January 2014.

The monitors filter dust from the air and collect it on special papers. These were then routinely removed and analysed in a certified laboratory.

We provided the monitoring data to Public Health England who produced a report comparing the results with relevant air quality standards and guidelines.

The report is available to anyone on request.

Monitoring locations

In 2011, the monitor was placed at the entrance to the Wingmoor Quarry landfill site. This location met the constraints identified below. Members of the forum requested the monitoring was repeated at a location they determined was more appropriate.

In 2013/2014 the monitor was placed to the west of Wingmoor Lodge on the boundary of the Grundons landfill. This location was chosen by members of the forum and met the location constraints which included the need for a main power supply, safe access and the location being free from immediate air flow barriers e.g. buildings.

Report of results

Public Health England provided a report reviewing the monitoring results. They concluded that the airborne concentrations of dioxins, furans, Polychlorinated Biphenols (PCB's) and metals at the monitoring location are likely to be lower than recognised guidance values, and exposure at the location is unlikely to be associated with a significant risk to health.

The report was provided to the Wingmoor Forum in October 2014. Members of the forum have requested that Public Health England attend a forum meeting to present the findings and respond to any questions.