

Air Monitoring Unit Summary (2017-2018)
Silverdale
Landfill Liaison Group Distribution

1. The Environment Agency carried out an air monitoring study between 06.07.17 and 14.02.18 (224 days). The air was monitored 24 hours per day, 7 days per week. The monitoring equipment was located at the pumping station on Silverdale Road.
2. The air was monitored for particulates (referred to as PM10 and PM2.5), Methane and Hydrogen sulphide.
3. The hydrogen sulphide results were compared against World Health Organisation (W.H.O) guidelines for human health to ensure that the levels are safe and do not pose a risk to health. All of the results were below the guideline levels for health.
4. The particulate results were compared against the UK Air Quality Strategy (AQS) objectives. The results met the respective AQS objectives.
5. The Hydrogen Sulphide results were compared to the W.H.O. guidelines for odour annoyance. The results showed that for less than 1% of the time, this was exceeded.
6. Overall the results showed that there were emissions from the landfill site but that there were other emissions with a significant contribution which was 100 degrees in the opposite direction to the landfill.