

## POLLUTION

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SOC145	<p>Development should be sited and designed in a way as to avoid adversely impacting upon:</p> <ul style="list-style-type: none"> <li>• Environmental amenity or biodiversity of the surrounding area by reason of fumes,</li> <li>• Dust, noise, vibration, smell, light or other forms of air, land, water pollution, or creating exposure to contaminated land.</li> <li>• The quality of underground or surface water bodies.</li> </ul> <p>In locating and designing development, account should also be taken of:</p> <ul style="list-style-type: none"> <li>• The impact of existing sources of noise or other pollution on the new development; and</li> <li>• The impact of the new development on the viability of existing uses by reason of its sensitivity to noise or other pollution.</li> <li>• The implications of the development on dark skies.</li> <li>• Water quality and associated habitat of surface watercourses should be preserved or enhanced.</li> </ul> <p>This policy sets out a requirement for new development in South Worcestershire to take into account its potential impact on pollution and the impact of existing sources of pollution. Pollution from development to land, air or water can occur in a number of forms including smoke, fumes, dust, smell, vibration, noise and an increase in levels of artificial light. These can have adverse impacts upon health both directly, for example a reduction in air quality can affect respiratory health, and indirectly through degradation of the natural environment and local amenity which can affect the quality of life and wellbeing of citizens. Certain types of development also pose risks to ground and surface water quality.</p> <p><b>Explanation</b></p> <p>New development should minimise the adverse impacts of pollution through its location and</p>	<p><b>To ensure that the SWDP is justified, effective and in accordance with NPPF, it needs to be amended.</b></p> <p>Due to the concern over the lack of detailed policy on pollution in the NPPF, it was considered appropriate to draft a local policy.</p>

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	<p>design. The impact of existing sources of pollution should also be taken into account when locating new development. New development sensitive to pollution will not be appropriate where existing sources of noise or other pollution cannot be satisfactorily mitigated. New development will also not be appropriate where it would prejudice the viability of other important land uses by reason of its sensitivity to pollution. Residential development, for example, will not usually be appropriate in locations where the presence of residential uses is likely to give rise to the imposition of undue operational constraints on existing safeguarded industrial uses that might prejudice their ability to continue operation.</p> <p>Air Quality Management Areas are defined where local concentrations of nitrogen dioxide (NO<sub>2</sub>) and particulate matter (PM<sub>10</sub>) exceed national targets.</p> <p>There is currently no designated Air Quality Management Area within South Worcestershire. Should a designation be required, it would not be appropriate to resist all new development in such areas as they are often in the most sustainable locations. However, regard should be had to opportunities to minimise the contribution of development to airborne pollution and the impact on new development of existing airborne pollution in these areas. Diffuse pollution from development close to watercourses can be reduced through filtration and interception.</p>	