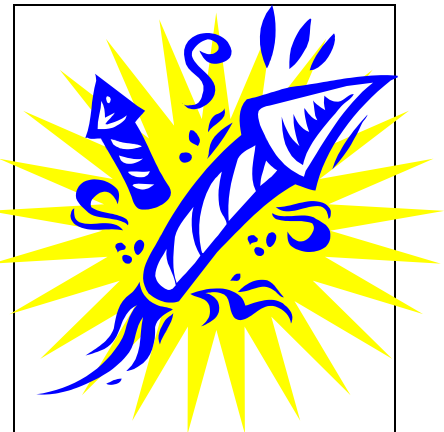


WHY WORRY ABOUT FIREWORKS?

www.charnwood.gov.uk

Fireworks can frighten people and animals. The elderly and children are frequently scared and intimidated by firework noise. After all, fireworks are explosives. For animals, the impact of a noise can also be serious. Farm animals have been scared to death – literally, and startled animals have been injured or killed when bolting to escape the noise. Disturbing domestic pets can be dangerous too – as panicked pets may be vicious and destructive



Air Pollution

The bright colours and effects in fireworks are produced by a cocktail of chemicals. When fireworks go off they emit light, heat and sound energy, along with carbon dioxide and other gases and residues. The exact emissions will depend on the firework, but as the main component of fireworks is gunpowder, sulphur compounds are emitted. Fireworks are also likely to produce small amounts of particulate* matter, metal oxides and organic compounds (including minute amounts of polycyclic aromatic hydrocarbons, dioxins* and furans). On and around Bonfire Night (November 5th) in the UK there is often a noticeable increase in pollution, particularly in levels of particulates and dioxins. It is estimated that 14% of UK dioxins are emitted around Bonfire Night – although much of this comes from bonfires rather than fireworks. Current research indicates that deposits of pollutants from fireworks do not pose a risk to soil or water.

***Particulates** are finely divided materials which are dispersed into the air from combustion, industry and natural sources. They can irritate the eyes, nose and throat. Larger particles are trapped by the body's defence system. Smaller particles are more hazardous. They can penetrate deeper into the lung tissue and cause problems for anyone with asthma or similar conditions and for those with heart problems.

***Dioxins** are found everywhere – in water, soil and the atmosphere. They are pollutants from industrial processes and burning, and also from natural sources like volcanoes and forest fires. They accumulate in the environment and high concentrations have been linked to cancer and other health problems.



If you require more information please contact:

Environmental Health Services
Environmental Protection
Charnwood Borough Council
Southfields, Southfield Road, Loughborough LE11 2TX

Tel: 01509 634636
Email: env.health@charnwood.gov.uk
Web: www.charnwood.gov.uk

We have more information about asbestos on our website at:-

<http://www.charnwood.gov.uk/environment/asbestosintheenvironment.html>

This information is available in different formats. To access these please phone (01509) 634560.

এ তথ্যাদি অন্যান্য মাধ্যমে পাওয়া যায়। এসব পেতে হলে দয়া করে (01509) 634560 এ নাম্বারে টেলিফোন করুন।

這資料具不同的格式，請致電 (01509) 634560 索取。

આ માહિતી જુદી જુદી પદ્ધતિઓમાં ઉપલબ્ધ છે. તે મેળવવા માટે કૃપા કરી આ નંબર પર ફોન કરો (01509) 634560.

यह जानकारी अलग-अलग प्रारूपों में मिल सकती है। इनको पाने के लिये कृपया यह नंबर डायल कीजिये (01509) 634560.

ਇਹ ਜਾਣਕਾਰੀ ਵੱਖ-ਵੱਖ ਸ਼ਕਲਾਂ ਵਿੱਚ ਮਿਲ ਸਕਦੀ ਹੈ। ਇਹ ਹਾਮਿਲ ਕਰਨ ਲਈ ਮਿਹਰਬਾਨੀ ਕਰਕੇ ਇਸ ਨੰਬਰ 'ਤੇ ਫੋਨ ਕਰੋ (01509) 634560

