

Site investigation

of Midland Road Landfill

outcome



Information Pack
Environmental
Health
(Commercial
Category 4)
March 2016

یہ ناپائیدار کاغذات ہیں
اگر آپ کو انگریزی پڑھنے یا لکھنے میں دشواری پیش ہو تو براہ کرم ہمیں کسی ایسے شخص سے رجوع کریں جو انہیں پڑھ کر
آپ کو لکھا کرے

Urdu

ਇਹ ਕਾਗਜ਼ ਬੜੇ ਜ਼ਰੂਰੀ ਹਨ । ਜੇ ਤੁਹਾਨੂੰ ਅੰਗਰੇਜ਼ੀ ਪੜ੍ਹਨ ਜਾਂ ਲਿਖਣ ਵਿੱਚ ਮੁਸ਼ਕਲ ਆਉਂਦੀ ਹੈ, ਤਾਂ ਕਿਰਪਾ ਕਰਕੇ ਕਿਸੇ ਔਸੇ ਵਿਅਕਤੀ ਨਾਲ ਸੰਪਰਕ ਕਰੋ ਜਿਹੜਾ ਤੁਹਾਡੀ ਜਲਦੀ ਸਹਾਇਤਾ ਕਰ ਸਕੇ ।

Punjabi

આ કાગળો બહુ મહત્વના છે. જો તમને અંગ્રેજી વાંચવા અથવા લખવામાં મુશ્કેલી પડે તો, કૃપા કરી તમને તાત્કાલિક સહાય કરી શકે એવી કોઈ વ્યક્તિનો સંપર્ક સાધો.

Gujarati

এই কাগজ-পত্রগুলো খুবই জরুরী। যেহেতু গড়তে বা লিখতে আপনার সমস্যা হতে বাস্তবিকভাবে এখন কাগজ সাফ
করাতে বাস্তবিকভাবে কঠোরকম বিধি আনতে সাহায্য করতে পারবেন।

Bengali

這些是十分重要的文件。如果你有困難
看懂英文，請馬上向別人求助。

Chinese

هذه الأوراق مهمة جدا. اذا وجدت اي صعوبة في قراءة او فهم
اللغة الانكليزية، يرجى الاتصال باي شخص يمكنه مساعدتك حالا.

Arabic

NHỮNG GIẤY TỜ NÀY RẤT QUAN TRỌNG. NẾU QUÝ VỊ CÓ KHÓ
KHĂN ĐỂ ĐỌC HOẶC HIỂU TIẾNG ANH, XIN NHỚ MỘT NGƯỜI
NÀO ĐÓ GIÚP QUÝ VỊ NGAY LẬP TỨC

Vietnamese

यह कागज़ बहुत महत्वपूर्ण हैं। यदि आप को अंग्रेज़ी पढ़ने या
समझने में कठिनाई आती हो तो कृपया किसी ऐसे व्यक्ति से सम्पर्क
करें जो आप की शीघ्र ही सहायता कर सकें।

Hindi

These papers are very important. If you have difficulty reading or understanding English, please contact someone who can help you immediately.

Site investigation

INTRODUCTION

This information leaflet has been produced by the Environmental Health team at North Lincolnshire Council (NLC) to provide information on the outcome of the former Midland Road landfill site investigation. It updates and expands the information contained in the council's leaflet circulated to businesses in November 2012.



This new information will explain:

- The outcome of the site investigation for all businesses located on the landfill site area hatched in green and detailed in Figure 1
- Where further detailed information can be obtained about the outcome of the site investigation in addition to the summary information set out in this letter and for other areas of the landfill site.

material which is mainly ash from coal fires). These types of waste have a low potential to give rise to landfill gas when compared with newer waste deposits found on other areas of the site.

All of the above evidence has been considered and used to conclude that no further assessment of landfill gas will take place on this area of the site as the level of risks posed by landfill gas production is low and meets the definition of Category 4 which is described above.

Where can I find out more information about the site investigation?

The council has placed all the site investigation documents on its web site, which can be found on the following link:
<http://www.northlincs.gov.uk/planning-and-environment/environmental-health/pollution-air-land-and-water/contaminated-land/>

Alternatively you can contact Environmental Health on 01724 297633 to arrange to come into the office to have a look at the reports.

How do I ask further questions about the reports?

If you do not feel comfortable reading the reports and want some further advice, or if you have read the reports and have some additional questions please contact Environmental Health on the following number and we will try to assist you with your questions.

Site investigation

How has the council come to the conclusion that the land is not contaminated?

As part of the site investigation the council assessed the potential for landfill gas to enter and build up inside buildings and structures located within the green hatched area on Figure 1. The investigation included:

- 1 Sampling the landfill gas coming directly from waste material underneath the site on 12 occasions over a three month period.
- 2 Monitoring of 27 properties (which were thought most likely to be at risk of landfill gas entering and building up inside the buildings) for targeted sampling of landfill gas via indoor air monitoring on up to 6 occasions over a period of ten months.
- 3 Sampling of the waste deposits for chemical testing at targeted locations in order to assess its potential to produce landfill gas now and in the future.

Using the information gathered from the landfill gas monitoring and information known about the nature of the waste underneath the buildings, the council has carried out a scientific assessment of the risks presented by the landfill gas.

The landfill gas monitoring showed that this area of the site hatched in green on Figure 1 is producing both methane and carbon dioxide but in low quantities with low flow rates. These low production/flow rates provide evidence to demonstrate that the landfill gas will be unable to enter buildings. This information is further supported by the results of the internal air monitoring which has found concentrations of gases below the identified screening value for landfill gas. Concentrations identified as part of the site investigation were low and the risks associated with its presence were also considered to be low.

No visual or odorous material was identified in this area of the site as part of the site investigation. The assessment also found that the waste, located under the green hatched area in Figure 1 are older wastes (pre 1960's

Why was the site investigation carried out?

The wider background to the site investigation is set out in the leaflet which was circulated to local businesses in November 2012. If you have not previously read this leaflet it would be helpful to read it now before reading this new and updated information leaflet.

Following the site investigation and scientific assessment that

has been carried out what is the council's view about businesses and land located within the green hatched area of Figure 1.

The site investigation of the area hatched in green on Figure 1 sampled areas of waste below the site and the rate and level of landfill gas coming from these deposits. This information was then scientifically assessed.

Figure 1



Site investigation

The scientific assessment has been based upon the existing commercial and industrial land uses and the council has concluded that the land does not meet the definition of contaminated land under the Environmental Protection Act 1990 Part 2A.

The Council is satisfied that the land does meet the definition of Category 4 land as defined in the Governments Contaminated Land Statutory Guidance dated April 2012 which can be downloaded directly from the following web site link:

<https://www.gov.uk/government/publications/contaminated-land-statutory-guidance>

What is Category 4 land in this case?

Category 4 is land that does not require further council inspection and assessment because contaminant levels do not exceed relevant human health screening values. It is considered that the land does not present a Significant Possibility of Significant Harm (SPOSH) to human health as the level of risk is low.

What is Significant Possibility of Significant Harm (SPOSH)?

Significant Possibility of Significant Harm to Human Health (SPOSH) is a term used to describe Contaminated Land as defined under the Environmental Protection Act 1990 Part 2A.

For land to be legally contaminated it must meet the definition of Category 1 or 2 as set out right - in the grey shaded box.

Category 1 land requires that a Significant Possibility of Significant Harm (SPOSH) must exist in any case where it is considered that there is an unacceptably high probability, supported by robust science-based evidence, that significant harm would occur if no action is taken to stop it.

Category 2 land requires that there must be a strong case for considering that the risks from the land are of sufficient concern and are capable of being determined as contaminated land on grounds of Significant Possibility of Significant Harm to Human Health. Category 2 may include land where there is little or no direct evidence that similar land, situations or levels of exposure have caused harm before, but nonetheless the council considers on the basis of the available evidence, including expert opinion, that there is a strong case for taking action under Part 2A on a precautionary basis.

Following the investigation and assessment of the land the council is satisfied that the area hatched in green on Figure 1 does not meet Category 1 or 2 as set out above and therefore does not meet the legal definition of Contaminated Land.