



## **DISCLAIMER**

This document or some parts of it may not be accessible when using adaptive technology.

If you require assistance with accessing the content of the document, please contact:

- email: [dutyenvironmentalhealth@ashfield.gov.uk](mailto:dutyenvironmentalhealth@ashfield.gov.uk)
- telephone: 01623 450000

Quote the document name and web page you found it on.

creating a better place

/ & Environment  
... Agency

Ian Grand  
Ashfield District Council  
Urban Road  
Kirkby in Ashfield  
Nottinghamshire  
NG178DA

Our ref:

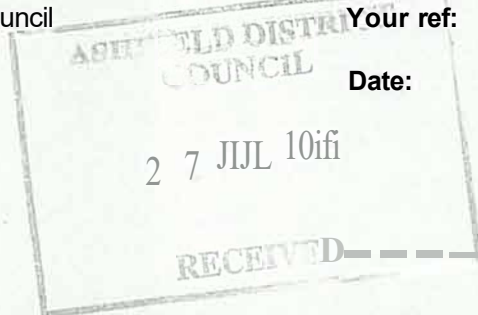
INS07/8

Your ref:

136275

Date:

21<sup>st</sup> July 2010



Dear Ian

**PART IIA ENVIRONMENTAL PROTECTION ACT 1990**

**Receipt of Local Authority Determination of Contaminated Land and formal Designation of Special Sites under s.78c(1)(b)**

I wish to confirm that we have received your notification of Contaminated Land and record of determination, dated 14<sup>th</sup> July 2010, stating that the former railway cutting adjacent to Garden Road, Hucknall, Agency reference number 43061, has been determined as Contaminated Land, and have updated our records accordingly.

I refer to your notification, dated 5<sup>th</sup> July 2010, that your authority has decided that the same area of land shown within Schedule 1 of the determination should also be classed as a Special Site under Regulation 3c. This is by virtue of controlled waters being affected by the land and i) the substances by reason of which the pollution of the waters is being or is likely to be caused fall within the families or groups of substance listed in paragraph 1 of Schedule 1 to these Regulations; and ii) the waters, or any part of the waters, are contained within underground strata which comprise wholly or partly one of the formations of rocks listed in paragraph 2 of Schedule 1 to these Regulations.

I wish to confirm that we agree with your determination and designation and, that being a Special Site, the site will now fall under the regulatory control of the Environment Agency. Please accept this letter of notification of Environment Agency agreement to the determination and designation pursuant to Section 78C (6)(b).

Yours sincerely

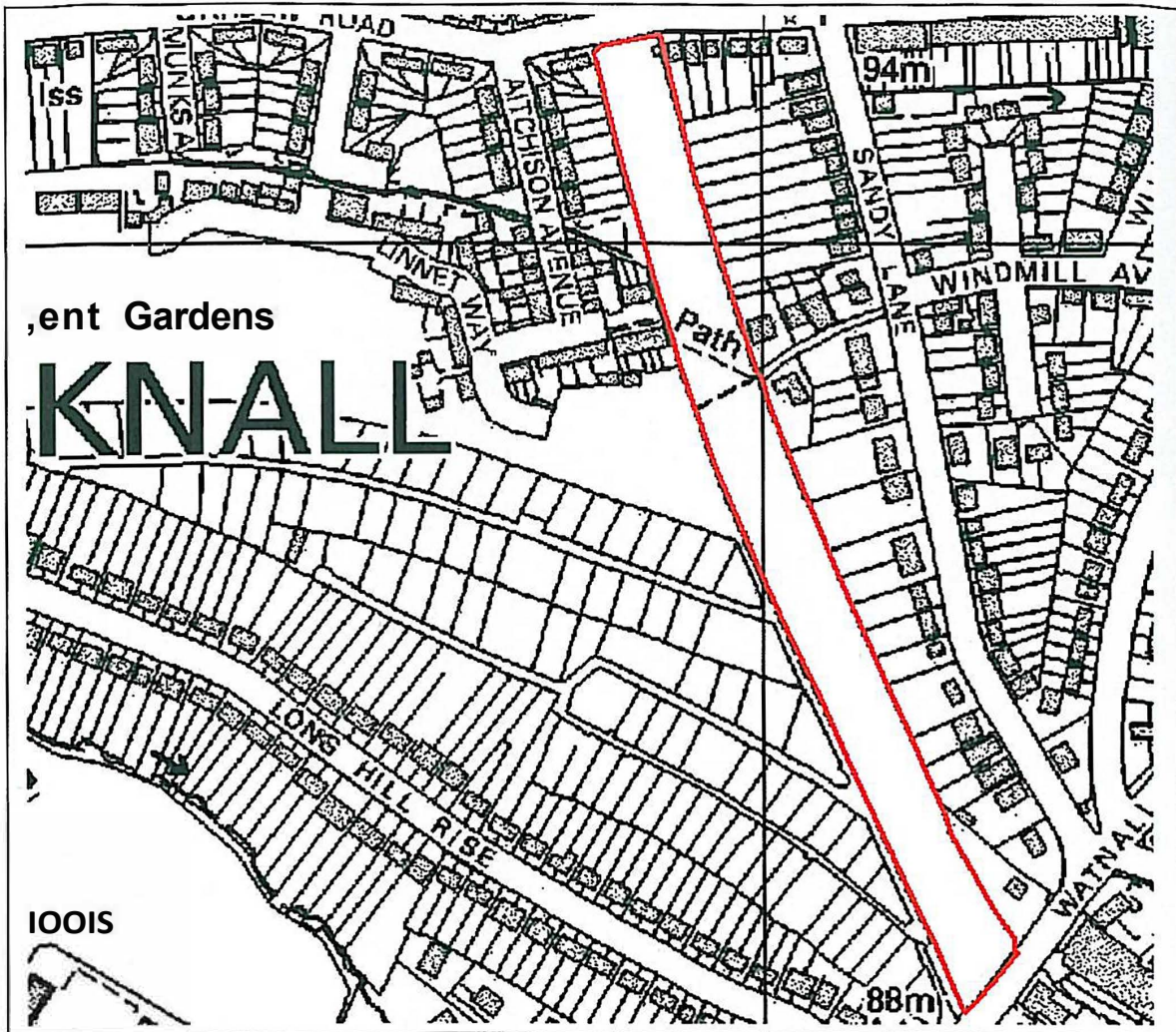
**Mrs Susie Bateson**  
**Technical Specialist (Hydrogeology and Contaminated Land)**  
Direct dial 0115 846 3730

Trentside Offices, Scarrington Road, West Bridgford, Nottingham, NG2 5FA.  
Customer services line: 08708 506 506  
Email: [enquiries@environment-agency.gov.uk](mailto:enquiries@environment-agency.gov.uk)  
[www.environment-agency.gov.uk](http://www.environment-agency.gov.uk)



Environment Agency

**Schedule 1**



**Schedule 2****DESCRIPTION OF SIGNIFICANT POLLUTANT LINKAGES**

In order to declare the site as Statutory Contaminated Land, it is considered that the following pollutant linkages are significant pollutant linkages:

<b>Pollutant</b>	<b>Pathway(s)</b>	<b>Receptor</b>	<b>Grounds for Determination</b>
<b>TPH: C8-C16 Aliphatic</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>TPH: C21 -C35 Aliphatic</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>TPH: C8-C35 Aromatic</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>GRO: C4-C12</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Benzene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Toluene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Ethyl benzene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Xylenes</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>1,2,4-Trimethylbenzene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>1,3,5-Trimethylbenzene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Propylbenzene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Isopropylbenzene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>MTBE</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>2,4 - Dimethylphenol</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>2 - Methylnapthalene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Bis(2-ethylhexyl) phthalate</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused

<b>Carbazole</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Isophorone</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Napthalene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Acenaphthene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Phenanthrene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Cadmium</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Arsenic</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>TPH: C 8 - C 12 Aliphatic</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>TPH: C 16 - C 35 Aliphatic</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>TPH: C 8 - C 12 Aromatic</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>TPH: C 12 - C 35 Aromatic</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Chloroethane</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Cis-12, dichloroethene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Isopropyltoluene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Sec-butyl benzene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Diethylphthalate</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Fluorene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Barium</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused

**Schedule 3****DESCRIPTION OF THE SPECIAL SITE POLLUTANT LINKAGES**

In order to declare the site as a Special Site, it is considered that the following pollutant linkages are significant pollutant linkages:

<b>Pollutant</b>	<b>Pathway(s)</b>	<b>Receptor</b>	<b>Grounds for Determination</b>
<b>TPH: C 8 - C16 Aliphatic</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>TPH: C21 - C35 Aliphatic</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>TPH: C8-C35 Aromatic</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>GRO: C4-C12</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Benzene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Toluene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Ethylbenzene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Xylenes</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>1,2,4-Trimethylbenzene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>1,3,5-Tri methyl benzene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Propylbenzene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Isopropylbenzene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Napthalene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Acenaphthene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Phenanthrene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Cadmium</b>	Leaching from	Controlled Waters -	Pollution of controlled



5<sup>th</sup> July 2010

Reference No: 136275

<b>Fluorene</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused
<b>Barium</b>	Leaching from contaminated soil / perched groundwater	Controlled Waters - groundwater in Cadeby Formation	Pollution of controlled waters is being or is likely to be caused