

# Community Risk Register - Derbyshire Local Resilience Forum: Publication Date April 2017

## Derbyshire (whole County including Derby City) Area

Ref	Hazard Sub-category	Likelihood	Impact	Risk Rating	Lead Agencies	Date of Review
<b>1. Major Industrial Accident</b>						
H10	Radioactive substance release from a nuclear reactor	Low (1)	Moderate (3)	Medium	PHE Police EP	April 2018
H11	Accidental exposure to radioactive material from incorrectly handled stolen sources	Low (1)	Minor (2)	Low	PHE Police EP	April 2018
H13	Foreign nuclear accident affecting the UK	Low (1)	Moderate (3)	Medium	PHE EP	April 2018
H14	Major contamination incident with widespread implications for the food chain	High (5)	Minor (2)	Medium	PHE EP	April 2018
H38	Technical failure of a critical upstream oil/gas facility, gas import pipeline terminal, or Liquefied Natural Gas (LNG) import reception facility leading to a disruption in gas supplies	Medium-Low (2)	Minor (2)	Medium	Cat 2 EP	April 2018
H39	Failure of water infrastructure or loss of drinking water	Medium-Low (2)	Moderate (3)	Medium	Cat 2 EP	April 2018
H40	Disruption or loss of telecommunication systems	Medium-Low (2)	Limited (1)	Low	Cat 2 EP	April 2018
H41	Total failure of GB's National Electricity Transmission Network	Medium-Low (2)	Significant (4)	High	Cat 2 EP	April 2018
H44	Major reservoir dam failure/collapse	Low (1)	Catastrophic (5)	High	EA EP	April 2018
H45	Disruption to Regional Electricity Distribution or Transmission Network/System.	Medium (3)	Minor (2)	Medium	Cat 2 EP	April 2018
H46	Biological substance release during an unrelated work activity or industrial process (e.g. Legionella release due to improperly maintained building environmental control systems)	High (5)	Minor (2)	Medium	PHE EP	April 2018
H59	Technological failure of the banking system	Medium (3)	Minor (2)	Medium	Police EP	April 2018

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<b>2. Industrial Accident</b>						
HL1	Fire or explosion at a gas terminal or involving a gas pipeline	Low (1)	Minor (2)	Low	Fire EP	April 2018
HL3	Localised industrial accident involving small toxic release	Medium (3)	Minor (2)	Medium	Fire EP	April 2018
HL4	Major pollution of surface waters and groundwater	High (5)	Minor (2)	Medium	EA EP	April 2018
HL7	Industrial explosions and major fires	Medium-Low (2)	Minor (2)	Medium	Fire EP	April 2018
HL25	Localised fire or explosion at a gas terminal as well as LPG, LNG, and other gas onshore feedstock pipeline and flammable gas storage sites	Low (1)	Moderate (3)	Medium	Fire EP	April 2018
HL28	Localised fire or explosion at a fuel distribution site or tank storage of flammable and /or toxic liquids	Medium-Low (2)	Minor (2)	Medium	Fire EP	April 2018
HL30	Localised explosion at a natural gas pipeline	Low (1)	Moderate (3)	Medium	Fire EP	April 2018
L1	Disruption to local electricity distribution or transmission network/system	Medium (3)	Minor (2)	Medium	Cat 2 EP	April 2018
L2	Release of mining waste “slurry” containing hazardous waste or dangerous substances	Medium-Low (2)	Minor (2)	Medium	EA EP	April 2018
L3	Localised fire or explosion at an onshore fuel pipeline	Low (1)	Minor (2)	Low	Fire EP	April 2018
<b>3. Major Transport Incident</b>						
H16	Aviation accident over a semi-urban area	Low (1)	Significant (4)	Medium	Police EP	April 2018
H60	Road or rail tanker containing dangerous goods and/or “high consequence” dangerous goods – accident involving fire and explosion	Low (1)	Moderate (3)	Medium	Fire Police EP	April 2018
<b>4. Transport Incident</b>						
HL9	Aviation accident	Low (1)	Moderate (3)	Medium	Police EP	April 2018

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HL10	Local accident on motorways and major trunk roads	Medium-High (4)	Minor (2)	Medium	Police EMAS EP	April 2018
HL11	Railway accident	Medium-Low (2)	Moderate (3)	Medium	EMAS EP	April 2018
HL12	Local accident involving transport of hazardous chemicals	Medium-Low (2)	Minor (2)	Medium	Fire Police EP	April 2018
HL14	Local (road) accident involving transport of fuel/explosives	Medium-Low (2)	Minor (2)	Medium	Fire Police EP	April 2018
L4	Hazardous goods transport - radioactive materials	Low (1)	Moderate (3)	Medium	Fire Police EP	April 2018
<b>5. Structural</b>						
HL21	Land movement (i.e. caused by tremors or landslides)	Low (1)	Minor (2)	Low	Police EP	April 2018
HL22	Building collapse	Medium-Low (2)	Minor (2)	Medium	Police EP	April 2018
HL23	Bridge closure or collapse	Low (1)	Minor (2)	Low	Police EP	April 2018
<b>6. Natural Hazards</b>						
H17	Severe Storms and Gales	Medium (3)	Minor (2)	Medium	Met Office EP	April 2018
H18	Low temperatures and heavy snow	Medium-High (4)	Moderate (3)	High	NHSE PHE EMAS Met Office EP	April 2018
H48	Heatwave	Medium-Low (2)	Minor (2)	Medium	NHSE PHE EMAS EP	April 2018

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H50	Drought	Medium-Low (2)	Minor (2)	Medium	EA EP	April 2018
H54	Disruption to aviation as a consequence of volcanic ash	Medium-High (4)	Minor (2)	Medium	Police EP	April 2018
H55	Severe effusive (gas rich) volcanic eruption overseas	Medium (3)	Moderate (3)	High	PHE EP	April 2018
H56	Severe Space Weather	Medium-High (4)	Minor (2)	Medium	Police EP	April 2018
H62	Health impacts of poor air quality either from high ground level ozone or fine particulate matter	Medium-High (4)	Minor (2)	Medium	PHE EP	April 2018
HL19	Local fluvial flooding	Medium (3)	Significant (4)	Very High	EA EP	April 2018
HL20	Localised, extremely hazardous flash flooding	Medium (3)	Moderate (3)	High	EA EP	April 2018
HL33	Forest or moorland fire	Medium-Low (2)	Limited (1)	Low	Fire EP	April 2018
L5	Pluvial (Surface Water) Flooding	Medium (3)	Moderate (3)	High	EA EP	April 2018
L6	Collapse/flooding at caves/underground workings/recreational caverns	Low (1)	Limited (1)	Low	Police EMAS EP	April 2018
<b>7. Human Health</b>						
H23	Influenza type disease (pandemic)	Medium-High (4)	Catastrophic (5)	Very High	NHSE PHE EP	April 2018
H24	Emerging infectious diseases	Medium (3)	Moderate (3)	High	NHSE PHE EP	April 2018
HL24	Localised legionella / meningitis outbreak	Medium-High (4)	Minor (2)	Medium	NHSE PHE EP	April 2018

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<b>8. Animal Health</b>						
H25	Outbreak of exotic notifiable disease in animals (including birds)	Medium (3)	Minor (2)	Medium	APHA EP	April 2018
L7	Zoonotic notifiable animal disease - Tuberculosis	High (5)	Minor (2)	Medium	APHA EP	April 2018
<b>9. Disruptive Industrial Action</b>						
H30	Emergency services: loss of emergency fire and rescue cover because of industrial action	High (5)	Limited (1)	Low	Fire EP	April 2018
H31	Actual or threatened significant disruption to fuel supplies including as a result of industrial action by tanker drivers or refinery staff, or effective blockades at key refineries/terminals by protesters	Medium (3)	Minor (2)	Medium	Police EP	April 2018
H33	National strike action by prison officers	Medium-Low (2)	Limited (1)	Low	Police EP	April 2018
HL42	Loss of cover due to industrial action by workers providing a service critical to the preservation of life (such as emergency service workers)	Medium-High (4)	Minor (2)	Medium	Fire Police EMAS EP	April 2018
<b>10. Miscellaneous</b>						
H37	Influx of destitute/vulnerable British Nationals who are not normally resident in the UK and cannot be accommodated by family/friends	High (5)	Minor (2)	Medium	PHE EP	April 2018
H57	Large scale public disorder in site(s) in a single city, or in multiple cities, occurring concurrently over several days	Medium-Low (2)	Minor (2)	Medium	Fire Police EMAS EP	April 2018
HL43	Outbreak of plant disease	Medium (3)	Limited (1)	Low	EP	April 2018
L8	Public events incident (illegal/unauthorised)	Medium-Low (2)	Limited (1)	Low	Police EMAS EP	April 2018
L9	Government and public services	Medium-High (4)	Minor (2)	Medium	EP	April 2018

**Glossary of Terms**

EMAS	East Midlands Ambulance Service	CAT 2	Category 2 responders
EA	Environment Agency	NHSE	NHS England North Midlands DCO
EP	Emergency Planning Division	PHE	Public Health England
APHA	Animal and Plant Health Agency	Police	Derbyshire Police
FIRE	Derbyshire Fire and Rescue Service		