

COMMUNITY RISK REGISTER: Derbyshire LRF

North East Derbyshire District Area

Publication Date: 1 April 2011

| HAZARD OR THREAT CATEGORY | SUB CATEGORY OF HAZARD OR THREAT | GUIDELINE SCALE AND DESCRIPTION OF EVENT | LIKELIHOOD | IMPACT(S) | OVERALL RISK DESCRIPTION | CONTROLS CURRENTLY IN PLACE | RISK TREATMENT (FURTHER ACTION REQUIRED) | PRIORITY FOR ACTION | LEAD RESPONSIBILITY | DATE OF REVIEW |
|--|---|--|------------|-------------|--------------------------|--|---|---------------------|---------------------|----------------|
| 1. Industrial accidents and environmental pollution | Fire or explosion at a gas terminal as well as LPG, LNG and other flammable gas storage sites | NO HAZARDS IDENTIFIED | | | | | Targeted Risk Treatment Options | | EPD, FIRE | Nov-11 |
| | Fire or explosion at a fuel distribution site and/or storage of flammable or toxic substances | Serious major industrial accident resulting in extensive and protracted impacts, including fatalities and casualties. | Low | Moderate | Medium | Specific emergency plans for industrial sites; Generic major incident plans (eg local authorities, emergency services, health trusts); Fire Service Operational Risk Reviews; Health and Safety/ Environmental Protection legislation. | | | EPD, FIRE | Nov-11 |
| | Fire or explosion at an onshore fuel pipeline | NO HAZARDS IDENTIFIED | | | | | | | EPD, FIRE | Nov-11 |
| | Explosion at a natural gas pipeline | Serious major incident affecting a Major Accident Hazard Pipeline (MAHP), possibly resulting from non-malicious third party action. Resulting in extensive impacts, including fatalities and casualties. | Low | Minor | Low | Specific Major Accident Hazard Pipeline emergency plans; Generic major incident plans (eg local authorities, emergency services, health trusts). | | | EPD, FIRE | Nov-11 |
| | Toxic chemical release | Serious major industrial accident. Possible gaseous or liquid release resulting in extensive and protracted impacts including fatalities, casualties and long term damage to the environment. | Low | Moderate | Medium | Specific emergency plans for industrial sites; Generic major incident plans (eg local authorities, emergency services, health trusts); Fire Service Operational Risk Reviews; Health and Safety/ Environmental Protection legislation. | | | EPD, FIRE | Nov-11 |
| | Radioactive substance release | NO HAZARDS IDENTIFIED | | | | | | | EPD, FIRE | Nov-11 |
| | Accidental release of radioactive material from incorrectly handled/disposed of sources. | Serious major industrial accident resulting in extensive and protracted impacts including fatalities, contaminated casualties and high levels of public concern. | Low | Significant | Medium | Generic major incident plans (eg local authorities, emergency services, health trusts). Health and Safety/ Environmental Protection legislation. National Arrangements for Incidents Involving Radioactivity (NAIR Scheme). | | | EPD, FIRE, LA | Nov-11 |
| | Industrial explosion/major fire | Serious major industrial explosion/fire resulting in extensive and protracted impacts, including casualties and possibly fatalities. | Medium Low | Moderate | High | Generic major incident plans (eg local authorities, emergency services, health trusts). Health and Safety/ Environmental Protection legislation. | | | EPD, FIRE | Nov-11 |

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| | Release of Mining Waste "slurry" containing Hazardous Waste or Dangerous Substances. | NO HAZARDS IDENTIFIED | | | | | | | EPD, HPA, LA, EA | Nov-11 |
| 2. Transport accidents | Aviation accident, urban area | Serious major aviation accident involving conurbation or populated area. Resulting in extensive and protracted impacts, including high numbers of fatalities and casualties, loss of amenities affecting the local economy. | Low | Significant | Medium | Generic major incident plans (eg local authorities, emergency services, health trusts). | | | FIRE, LA | Nov-11 |
| | Accidents on motorways and trunk roads | Serious multiple vehicle Incident Resulting in fatalities, casualties and disruption to infrastructure, services and supplies. | Medium High | Minor | Medium | Generic major incident plans (eg local authorities, emergency services, health trusts). | | | EPD, POL, LA | Nov-11 |
| | Accidents on urban ring-roads, by-passes, fly-overs and other significant highways | NO HAZARDS IDENTIFIED | | | | | | | EPD, POL | Nov-11 |
| | Railway accident | Serious rail accident, possibly collision of two trains. Resulting in fatalities, casualties and disruption to infrastructure, services and supplies. | Low | Moderate | Medium | Generic major incident plans (eg local authorities, emergency services, health trusts). | | | BTP, EPD, LA | Nov-11 |
| | Accidents in rail tunnels | Serious rail accident, possibly collision of two trains. Resulting in fatalities, casualties and disruption to services and supplies. Difficulty of access could impede response. | Low | Minor | Low | Specific tunnels emergency plan; Generic major incident plans (eg local authorities, emergency services, health trusts) | | | BTP, EPD, LA | Nov-11 |
| | Accidents involving major (inter-city) rail stations | NO HAZARDS IDENTIFIED | | | | | | | BTP, EPD, LA | Nov-11 |
| | Hazardous goods transport - chemicals | Accident involving one or more vehicles transporting chemicals. Resulting in fatalities and casualties, with disruptive effects in the wider vicinity. | Low | Moderate | Medium | Compliance with road/rail regulations re dangerous substances; Chemsafe technical support; Hazmat and decontamination capability; Generic major incident plans (eg local authorities, emergency services, health trusts). | | | POL, FIRE, EPD, BTP | Nov-11 |
| | Hazardous goods transport - fuel/explosives | Accident involving one or more vehicles transporting fuel or explosives. Resulting in fatalities and casualties, with disruptive effects in the wider vicinity. | Medium Low | Moderate | High | Compliance with road/rail regulations re dangerous substances; GB codes of practice explosives; designated routes; Chemsafe technical support; Hazmat and decontamination capability; Generic major incident plans (eg local authorities, emergency services, health trusts). | Risk Treatment Plan | | FIRE, LA, BTP | Nov-11 |

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| 4. Flooding | Fluvial (river) flooding | Serious flooding affecting one or more communities within the Borough/District, possibly simultaneously. Severe and/or protracted impacts on property, infrastructure services and supplies to housing and industry. High numbers of properties, business and domestic affected. | Medium High | Moderate | High | Specific flood emergency plan; Specific EA flood plans & guidance; EA flood defences; EA flood warning scheme for main rivers; Generic major incident plans (eg local authorities, emergency services, health trusts). | Risk Treatment Plan | | EPD, EA, LA | Nov-11 |
| | Localised hazardous "flash flooding" in "rapid response catchments" | Flooding with deep and fast flows in steep sided catchments (such as occurred at Boscastle, Cornwall in 2004 and Lynmouth, Devon in 1952) | Medium | Minor | Medium | Specific flood emergency plan; Specific EA flood plans & guidance; EA flood defences; Generic major incident plans (eg local authorities, emergency services, health trusts) | | | EPD, EA, LA | Nov-11 |
| | Local pluvial (surface water) flooding | Flooding that takes place from the "surface runoff" generated by rainwater (including snow and other precipitation) which is on the surface of the ground (whether or not it is moving), and has not entered a watercourse, drainage system or public sewer. | Medium | Minor | Medium | Specific flood emergency plan; Specific EA flood plans & guidance; Met Office Severe Weather Warnings and Extreme Rainfall Alerts; Generic major incident plans (eg local authorities, emergency services, health trusts). | | | EPD, EA, LA | Nov-11 |
| 5. Structural hazards | Land movement (tremors and landslides) | Major land movement resulting in extensive and protracted impacts including fatalities and casualties and disruption to infrastructure, services and supplies. Difficulty of access could impede response | Low | Minor | Low | Generic major incident plans (eg local authorities, emergency services, health trusts). Urban Search and Rescue Capability and Hazardous Area Response Team - EMAS (HART) | | | EPD, LA | Nov-11 |
| | Building collapse | Major building collapse resulting in localised protracted impacts, including up to 5 fatalities and other casualties with localised disruption to infrastructure, services and supplies. | Low | Minor | Low | Generic major incident plans (eg local authorities, emergency services, health trusts). Urban Search and Rescue Capability and Hazardous Area Response Team - EMAS (HART) | | | EPD, FIRE | Nov-11 |
| | Bridge collapse | Collapse of major bridge or supported road/rail structure resulting in localised but protracted impacts including fatalities and casualties with localised disruption to infrastructure, services and supplies. | Low | Minor | Low | Generic major incident plans (eg local authorities, emergency services, health trusts). Urban Search and Rescue Capability and Hazardous Area Response Team - EMAS (HART) | | | EPD, FIRE | Nov-11 |
| | Dam or reservoir failure/breach | Major failure or breach of dam wall resulting in extensive and protracted impacts including high numbers of fatalities and casualties with widespread disruption to residential areas, infrastructure, services and supplies. | Low | Catastrophic | Medium | Generic major incident plans (eg local authorities, emergency services, health trusts). Urban Search and Rescue Capability and Hazardous Area Response Team - EMAS (HART) | | | EA, EPD, Companies | Nov-11 |

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| | Collapse/flooding at caves/underground workings/recreational caverns | NO HAZARDS IDENTIFIED | | | | | | | EPD, FIRE | Nov-11 |
| 6. Human health | Communicable disease outbreak (influenza pandemic) | Pandemic Influenza involving new virus, with no immediately available vaccine. A significant proportion of the population are likely to be infected, of which a proportion (unknown at this stage but predicted to be 1-3% of the total number infected) may be fatal cases. Further significant impacts on essential services, particularly the NHS. | Medium High | Significant | Very High | Specific Dept of Health & HPA national plans; Specific HPA East Midlands framework plan; Specific health trust escalation plans (responding to demand increase); Local mass vaccination framework; Generic major incident plans (eg local authorities, health trusts). | Risk Treatment Plan | | EPD, AMB, PCT, HOP, HPA | Nov-11 |
| | Communicable disease outbreak (high level seasonal) | Serious epidemic of seasonal influenza, with a much greater severity than the usual seasonal flu causing higher levels of mortality than normal winter peaks. Impacts on essential services, particularly the NHS. | Medium High | Minor | Medium | Capacity planning & NHS trusts; Vaccination programmes; Generic major incident plans (eg local authorities, health trusts). | | | PCT, HOS, HPA | Nov-11 |
| | Food contamination (accidental) | Serious or protracted outbreak of food poisoning as a result of an accidental contamination of food (either locally or at a remote source). | Medium | Minor | Medium | Generic major incident plans (eg local authorities, emergency services, health trusts). Environmental Health inspections and investigations into notifiable disease eg Salmonella. HPA and Fast roles in food safety. Food Premises - Hazard Analysis Critical Control Points (HACCP). | | | PCT, HPA, LA, DEFRA FSA | Nov-11 |
| | Legionella outbreak/Meningococcal infection | Localised outbreak of a disease which could cause up to 10 fatalities and up to 50 casualties, with no variation in likelihood between localities. | Medium | Minor | Medium | Generic major incident plans (eg local authorities, emergency services, health trusts). Environmental Health inspections and investigations into notifiable disease. | | | HPA, LA | Nov-11 |
| | Emerging Infectious Diseases | Based on a SARS outbreak resulting in up to 100 fatalities and 2000 cases | Medium | Minor | Medium | Capacity planning; Generic major incident plans (eg local authorities, health trusts). | | | HPA, LA | Nov-11 |
| 7. Animal health | Non-zoonotic notifiable animal diseases - Foot & Mouth Disease | A protracted outbreak requiring the slaughter and disposal of a significant proportion of national herds. May include slaughter of non-infected livestock for control, prevention or welfare purposes. | Medium | Minor | Medium | Specific DEFRA plans; Generic major incident plans (eg local authorities, emergency services); County/City Council trading standards division (animal health responsibilities). | | | EPD, LA | Nov-11 |

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| | Other non-zoonotic notifiable animal diseases (eg Swine Fever, Blue Tongue, Newcastle Disease of birds) | A protracted outbreak requiring the slaughter and disposal of a significant proportion of national herds/flocks. May include slaughter of non-infected livestock/poultry for control, prevention or welfare purposes. | Medium | Limited | Low | Specific DEFRA plans; Effective vaccine for Newcastle Disease; Generic major incident plans (eg local authorities, emergency services); County/City Council trading standards division (animal health responsibilities). | | | EPD, LA | Nov-11 |
| | Zoonotic notifiable animal diseases - Avian Influenza | Outbreak requiring large scale culling and disposal of poultry. | Medium | Minor | Medium | Specific DEFRA plans; Generic major incident plans (eg local authorities, emergency services, health trusts); County/City Council trading standards division (animal health responsibilities). | | | EPD, LA | Nov-11 |
| | Zoonotic notifiable animal diseases - Rabies | Outbreak which may become endemic in wildlife. Culling and other control measures may be required including collection and disposal of stray domestic animals. | Low | Limited | Low | Specific rabies emergency plan; Specific DEFRA plans; Rabies control order powers; Generic major incident plans (eg local authorities, emergency services, health trusts); County/City Council trading standards division (animal health responsibilities). | | | EPD, LA | Nov-11 |
| | Other zoonotic notifiable animal diseases (eg West Nile Virus) | Outbreak requiring localised control measures including slaughter of horses. | Medium | Limited | Low | Specific DEFRA plans; Generic major incident plans (eg local authorities, emergency services, health trusts); County/City Council trading standards division (animal health responsibilities). | | | EPD, LA | Nov-11 |
| | Zoonotic notifiable animal disease - Avian Influenza (small scale, local outbreak) | Confirmed localised outbreaks. Culling and disposal required at poultry farms in infected areas, collection and disposal of dead wildfowl from public land | Medium High | Minor | Medium | Specific DEFRA plans; Generic major incident plans (eg local authorities, emergency services, health trusts); County/City Council trading standards division (animal health responsibilities). | | | EPD, LA | Nov-11 |
| | Zoonotic notifiable animal diseases – Tuberculosis | Outbreak requiring localised control measures. Disease can affect cattle, deer and badgers. | High | Limited | Low | Specific DEFRA plans; Generic major incident plans (eg local authorities, emergency services, health trusts); County/City Council trading standards division (animal health responsibilities). | | | DEFRA LA | Nov-11 |
| 8. Plant disease | Plant disease | Serious and protracted outbreak of plant disease or attack by "Quarantine pests" affecting the health of cultivated and/or wild plants. | Medium Low | Limited | Low | EC Directives on control measures. The Plant Health (Great Britain) Order 1993. The Plant Health and Seeds Inspectorate (DEFRA) role. DEFRA Contingency plan. Generic major incident plans (eg local authorities, emergency services, health trusts). | | | LA, FERA, DEFRA | Nov-11 |
| 9. Crime | Major Criminal Incident. | Multiple homicides within a community | Low | Moderate | Medium | Emergency Response Teams. Mass Fatality planning, Media Management Plans, Generic major incident plans (eg local authorities, emergency services, health trusts). | | | POL | Nov-11 |

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| 10. Threats | Attacks on "crowded places" | Refer to national risk register | | | | | | | POL | Nov-11 |
| | Attacks on transport network | Refer to national risk register | | | | | | | POL | Nov-11 |
| | Attack using "non-conventional agents" (CBRN attack) | Refer to national risk register | | | | | | | POL | Nov-11 |
| | Attacks on critical infrastructure | Refer to national risk register | | | | | | | POL | Nov-11 |
| 11. Public disorder | Sports stadium disorder | Serious, possibly organised disorder at or around a sports ground. Resulting impacts include casualties and disruption to services. | Medium Low | Limited | Low | Generic major incident plans (eg local authorities, emergency services, health trusts); Community consultation groups; Established Safety Advisory Groups; Football intelligence officers; Tension indicators. | | | POL, LA | Nov-11 |
| | Public events disorder | Serious, possibly organised disorder at or around an event site. Resulting impacts include casualties and disruption to services. | Medium Low | Limited | Low | Specific event emergency plans; Generic major incident plans (eg local authorities, emergency services, health trusts); Event planning groups; Local beat officers; Intelligence from government agencies; Event organisers plans; Community consultation groups; Tension indicators. | | | POL, LA | Nov-11 |
| | Public protests | Serious organised disorder, possibly targeted or widespread. Resulting in physical damage, disruption of infrastructure, services and supplies. | High | Minor | Medium | Generic major incident plans (eg local authorities, emergency services, health trusts); Local beat officers; Intelligence from government agencies; Community consultation groups; Tension indicators. | | | POL, LA | Nov-11 |
| | Prison riots | NO HAZARDS IDENTIFIED | | | | | | | POL | Nov-11 |
| 12. Critical service disruption / failure | Communications (telecommunications) | Serious and/or protracted disruption to Telecommunications to a substantial community population. | Medium High | Moderate | High | Telecommunication companies service providers restoration plans, Derbyshire Local Resilience Forum Resilient Communications Plan, Business Continuity Plans within all Cat 1 organisations, Generic major incident plans (eg local authorities, emergency services, health trusts), Satellite phones issued to all Cat 1 organisations. | Risk Treatment Plan | | EPD, Telephone service providers (Fixed and Mobile) | Nov-11 |
| | Emergency services | Loss of Emergency Service response due to major disruption of normal staffing levels eg industrial action or pandemic influenza. | Medium High | Minor | Medium | Emergency Services Business Continuity Plans, Generic major incident plans (eg local authorities, emergency services, health trusts). Warning and Informing capability. | | | POL, FIRE, AMB | Nov-11 |

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| | Gas | Serious and/or protracted disruption to gas supply to a substantial community population. | Medium Low | Moderate | High | NGT Joint Restoration Plan, Business Continuity Plans within all Cat 1 organisations, Generic major incident plans (eg local authorities, emergency services, health trusts). | Risk Treatment Plan | | EPD, Utility Companies (gas) | Nov-11 |
| | Electricity | Serious and/or protracted disruption to electricity supply to a substantial community population. | Medium Low | Moderate | High | Central Networks' "Network Emergency Plan", NGT Joint Restoration Plan, Business Continuity Plans within all Cat 1 organisations, Generic major incident plans (eg local authorities, emergency services, health trusts). | Risk Treatment Plan | | EPD, Utility Companies (electricity) | Nov-11 |
| | Oil | Serious and/or protracted disruption to normal supply chains into the oil (fuel) market. | Medium | Moderate | High | Generic major incident plans (eg local authorities, emergency services, health trusts), "Fuel plan" under revision at Nov 10, UK Downstream Oil Emergency Response Plan (DOERP) Business Continuity Plans prepared for all Category 1 responders. | Risk Treatment Plan | | POL, LA | Nov-11 |
| | Food Supply | Serious, widespread or protracted disruption to normal supply chains into the food market. | Medium Low | Moderate | High | Generic major incident plans (eg local authorities, emergency services, health trusts), "Fuel plan" under revision at Nov 10 (relevant if the disruption relates to transport of food to outlets). | Risk Treatment Plan | | EPD, LA, FSA | Nov-11 |
| | Government and public services | Protracted or repeated disruption to critical frontline services provided by Government, Local Government or Government Agencies. | Medium High | Moderate | High | Business Continuity Plans for all Category 1 Responders, minimum staffing levels identified, essential IT services backed up, disaster recovery contracts in place. | | | LA | Nov-11 |
| | Health | Protracted or repeated disruption to critical frontline health services provided by acute and primary care trusts. | Medium High | Moderate | High | Business Continuity Plans for all Category 1 Responders (including specific plans for certain services and premises), minimum staffing levels identified, MAJAX plans, RCGP guidance to practices on BCM principles. | Risk Treatment Plan | | AMB, PCT, HOS | Nov-11 |
| | Public Transport | Protracted or repeated disruption to public transport services on rail and/or road. | Medium Low | Limited | Low | Generic major incident plans (eg local authorities, emergency services, health trusts). | | | LA, Transport Operators | Nov-11 |
| | Water and Sewage Treatment Services | Serious and/or protracted disruption to piped water and/or sewerage services to a substantial community population. | Medium Low | Moderate | High | Water Industry Regulations and systems, re-zoning pans, alternative supply plans (bottled water etc). Contingency plans for Sewage treatment plant failures. | Risk Treatment Plan | | EA, Utility companies (water) | Nov-11 |

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| | Prison Service | NO HAZARDS IDENTIFIED | | | | | | | POL, PCT, LA | Nov-11 |
| 13. International crises | Influx of British Nationals (not normally resident in the UK) | Serious and protracted overseas crisis leading to international relief effort and/or influx of refugees into the UK. | Medium | Minor | Medium | Generic major incident plans (eg local authorities, emergency services, health trusts). Resources Database. | | | EPD, PCT, LA | Nov-11 |
| | Influx of Foreign Refugees | Serious and /or protracted overseas conflict leading to international relief effort and/or influx of refugees into the UK. | Low | Minor | Low | Generic major incident plans (eg local authorities, emergency services, health trusts). DOH Casualty repatriation plans. Resources Database. | | | EPD, PCT, LA | Nov-11 |
| 14. Misc | Forest/moorland fires | NO HAZARDS IDENTIFIED | | | | | | | EPD, FIRE, LA, EA | Nov-11 |

| GLOSSARY OF TERMS | |
|-------------------|---|
| BTP | British Transport Police |
| DEFRA | Department for Environment Food & Rural Affairs |
| EA | Environment Agency |
| EPD | Emergency Planning Division |
| FERA | Food and Environment Research Agency |
| FIRE | Derbyshire Fire and Rescue Service |
| FSA | Food Standards Agency |
| HOS | Acute Trust |
| HPA | Health Protection Agency |
| HSE | Health & Safety Executive |
| LNG | Liquefied Natural Gas |
| LPG | Liquefied Petroleum Gas |
| NHS | National Health Service |
| PCT | Primary Care Trust |
| POL | Derbyshire Police |

RISK TREATMENT PLAN

| DER REFERENCE | FURTHER ACTIONS REQUIRED | RISK PRIORITY |
|--|---|---------------|
| DER2.8 Hazardous Goods Transportation - Fuel/Explosives | Awareness raising of risk with category 1 responders | 3 |
| | Include "scenario" in multi-agency training/exercises | |
| | Inform/liaise with key Derbyshire manufacturers via Industrial Emergency Planning Forum/Transport Group | |
| | Develop MoU between EA and Highways Agency re hazardous spillage (provision of equipment by the EA) | |

RISK PRIORITY KEY:

- 1 No risk treatment required currently but subject to ongoing risk assessment and periodic review.
- 2 Limited risk treatment required. Confirm adequacy of existing generic emergency planning arrangements.
- 3 Risk manageable within generic emergency plans. To be incorporated into generic awareness raising for all Category 1 responders.
- 4 Further actions required, may include preparation of specific emergency plans or integration into existing protocols and training.
- 5 High priority for ongoing attention and preparation of specific emergency plans. Examine possibility of measures to reduce the overall level of risk.

RISK TREATMENT PLAN

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|---------------------------------|---|---------------|
| DER3.3 Heatwave | Enhanced warning and informing, specific to heatwave precautions on issue of Heat-Health-Watch(s) (1/6 to 15/9) | 3 |
| | Monitor cascade procedures for dissemination of Heat-Health-Watch to vulnerable groups and establishments - delegate to Warning and Informing Group | |
| | Multi-agency climate change briefing | |

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RISK TREATMENT PLAN

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|--------------------------------|---|---------------|
| DER3.6 Drought | Promote water conservation within category 1 establishments when required | 3 |
| | Support national campaigns and/or restrictions on certain water uses eg hose pipe bans | |
| | Liaise with Severn Trent Water, United Utilities, Yorkshire Water and South Staffordshire Water when drought conditions are a possibility | |
| | The EA to brief the LRF on their drought powers | |
| | Utilise the LRF website to encourage the public to take measures | |
| | Multi-agency climate change briefing | |

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| DER4.1 Flooding from Rivers | Continue to develop water rescue capability within Derbyshire Fire and Rescue Service (DFRS) (in line with recommendation 39 of the Pitt Review) | 5 |
| | Develop and complete Multi Agency Flood Contingency Plan (MAFCP) in line with DEFRA checklist (December 2009) | |
| | Complete detailed district annexes to MAFCP as prioritised by risk assessments | |
| | Continue to monitor progress against the recommendations of the Pitt Review | |
| | Implement statutory requirements of the Floods and Water Bill when enacted in conjunction with the Flood Risk Regulations 2009 | |
| | Promote awareness of the EA flood warning service improvement programme | |
| | Continue to develop community resilience partnerships in flood high risk locations in conjunction with the Environment Agency (EA) | |
| | Promote self help initiatives and facilitation of Flood Defence Fairs on request, across the LRF | |
| | Participate in EA organised multi agency flood exercises | |
| | Inform/liase and raise awareness of risk with Derbyshire Strategic Flood Board and Derbyshire Flood Warning Group | |
| Multi agency climate change briefing | | |

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RISK TREATMENT PLAN

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| DER6.1 Human Health - Communicable Disease Outbreak (Influenza Pandemic) | Maintain awareness of continuing Very High Risk (not reduced as a result of swine flu) | 5 |
| | Incorporate lessons identified from 2009/10 swine flu pandemic debriefs at local, regional and national levels, into future planning | |
| | Review health trusts Operational Response Plans for Influenza Pandemic | |
| | Review LRF Derbyshire Strategic Plan for Influenza Pandemic | |
| | Incorporate emerging national guidance and revised planning assumptions into the emergency planning process | |

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| DER12.1 Critical Service Disruption/Failure - Communications | Category 1 responders to continue to monitor effectiveness of business continuity plans to address the impact of disruption to communications | 4 |
| | Review and update LRF Resilient Communications Plan | |
| | Introduce testing regime for satellite telephones currently held by category 1 responders | |
| | Manage the MTPAS/FTPAS schemes in Derbyshire | |
| | Manage implementation of the National Resilience Extranet into Derbyshire | |
| | Ensure Emergency Planning Division Resources Database builds additional resilience through suppliers of alternative network(s) mobile telephones/SIM cards | |
| | Include "scenario" in business continuity awareness briefings/training/exercises | |
| | Management of the communications aspects of the interoperability programme | |

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- 3 Risk manageable within generic emergency plans. To be incorporated into generic awareness raising for all Category 1 responders.
- 4 Further actions required, may include preparation of specific emergency plans or integration into existing protocols and training.
- 5 High priority for ongoing attention and preparation of specific emergency plans. Examine possibility of measures to reduce the overall level of risk.

RISK TREATMENT PLAN

| DER REFERENCE | FURTHER ACTIONS REQUIRED | RISK PRIORITY |
|--|--|---------------|
| DER12.3 Critical Service Disruption/Failure - Gas | Category 1 responders to continue to monitor effectiveness of Business Continuity Plans to address the impact of disruption to gas supplies (and potential knock on affects) | 3 |
| | Include "scenario" in business continuity awareness briefings/training/exercises | |
| | Ensure Emergency Planning Division's Resources Database builds additional resilience through suppliers of mobile emergency heating/cooking equipment | |

RISK PRIORITY KEY:

- 1 No risk treatment required currently but subject to ongoing risk assessment and periodic review.
- 2 Limited risk treatment required. Confirm adequacy of existing generic emergency planning arrangements.
- 3 Risk manageable within generic emergency plans. To be incorporated into generic awareness raising for all Category 1 responders.
- 4 Further actions required, may include preparation of specific emergency plans or integration into existing protocols and training.
- 5 High priority for ongoing attention and preparation of specific emergency plans. Examine possibility of measures to reduce the overall level of risk.

RISK TREATMENT PLAN

| DER REFERENCE | FURTHER ACTIONS REQUIRED | RISK PRIORITY |
|--|---|---------------|
| DER12.4 Critical Service Disruption/Failure - Electricity | Category 1 responders to continue to monitor effectiveness of Business Continuity Plans to address the impact of disruption to electricity supplies | 4 |
| | Include "scenario" in business continuity awareness briefings/training/exercises | |
| | Ensure Emergency Planning Division Resources Database builds additional resilience through suppliers of mobile generators | |

RISK PRIORITY KEY:

- 1 No risk treatment required currently but subject to ongoing risk assessment and periodic review.
- 2 Limited risk treatment required. Confirm adequacy of existing generic emergency planning arrangements.
- 3 Risk manageable within generic emergency plans. To be incorporated into generic awareness raising for all Category 1 responders.
- 4 Further actions required, may include preparation of specific emergency plans or integration into existing protocols and training.
- 5 High priority for ongoing attention and preparation of specific emergency plans. Examine possibility of measures to reduce the overall level of risk.

RISK TREATMENT PLAN

| DER REFERENCE | FURTHER ACTIONS REQUIRED | RISK PRIORITY |
|--|--|---------------|
| DER12.5 Critical Service Disruption/Failure - Oil | <p>Category 1 responders to continue to monitor effectiveness of Business Continuity Plans to address the impact of disruption to fuel supplies</p> <p>Include "scenario" in business continuity awareness briefings/training/exercises</p> <p>Complete review of Derbyshire Fuel Shortage Response Plan for disruption to fuel supplies; in particular to:</p> <ul style="list-style-type: none"> • Prepare a stock of "Temporary Logos" on water/tear resistant card • Review Plan in line with 2010 Guidance • Develop Emergency Services Scheme and Utilities Fuel Scheme (ESS/UFS) • Complete planning for designated fuel stations | 4 |

RISK PRIORITY KEY:

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- 2 Limited risk treatment required. Confirm adequacy of existing generic emergency planning arrangements.
- 3 Risk manageable within generic emergency plans. To be incorporated into generic awareness raising for all Category 1 responders.
- 4 Further actions required, may include preparation of specific emergency plans or integration into existing protocols and training.
- 5 High priority for ongoing attention and preparation of specific emergency plans. Examine possibility of measures to reduce the overall level of risk.

RISK TREATMENT PLAN

| DER REFERENCE | FURTHER ACTIONS REQUIRED | RISK PRIORITY |
|--|---|---------------|
| DER12.6 Critical Service Disruption/Failure - Food Supply | <p>Include "scenario" in business continuity briefings/ training/exercises - particularly in relation to secondary impacts associated with severe weather/fuel shortages/influenza pandemic</p> <p>Take account of national guidance and feed back to GOEM Regional Group</p> | 4 |

RISK PRIORITY KEY:

- 1 No risk treatment required currently but subject to ongoing risk assessment and periodic review.
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- 3 Risk manageable within generic emergency plans. To be incorporated into generic awareness raising for all Category 1 responders.
- 4 Further actions required, may include preparation of specific emergency plans or integration into existing protocols and training.
- 5 High priority for ongoing attention and preparation of specific emergency plans. Examine possibility of measures to reduce the overall level of risk.

RISK TREATMENT PLAN

| DER REFERENCE | FURTHER ACTIONS REQUIRED | RISK PRIORITY |
|--|--|---------------|
| DER12.8 Critical Service Disruption/Failure - Health Services | Incorporate business continuity lessons identified from 2009/10 swine flu pandemic debriefs and 2009/10 severe winter weather at local, regional and national levels | 4 |
| | Review health trust category 1 responders' Business Continuity Plans in light of above, ensuring they remain responsive to emerging potential disruptions and potential adoption of British Standard 25999 | |
| | Address all the awareness raising/training/exercise requirements as identified in Risk Treatment Plans DER12.1/3/4/5/10 | |
| | Ensure business continuity management is promoted within primary care providers eg GP Practice/pharmacy level | |
| | Carry out periodic exercises to validate Business Continuity Plans | |

RISK PRIORITY KEY:

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- 2 Limited risk treatment required. Confirm adequacy of existing generic emergency planning arrangements.
- 3 Risk manageable within generic emergency plans. To be incorporated into generic awareness raising for all Category 1 responders.
- 4 Further actions required, may include preparation of specific emergency plans or integration into existing protocols and training.
- 5 High priority for ongoing attention and preparation of specific emergency plans. Examine possibility of measures to reduce the overall level of risk.

RISK TREATMENT PLAN

| DER REFERENCE | FURTHER ACTIONS REQUIRED | RISK PRIORITY |
|--|---|---------------|
| DER12.10 Critical Service Disruption/Failure - Water Supply | Category 1 responders to continue to monitor effectiveness of Business Continuity Plans to address the impact of disruption to water supplies (and potential knock on affects) Include "scenario" in business continuity awareness briefings/training/exercises Participate in multi agency Gold level Exercise "Kingfisher" and implement lessons learned Obtain relevant information and co-operation with water industry planning for alternative water supply distribution | 4 |

RISK PRIORITY KEY:

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- 2 Limited risk treatment required. Confirm adequacy of existing generic emergency planning arrangements.
- 3 Risk manageable within generic emergency plans. To be incorporated into generic awareness raising for all Category 1 responders.
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- 5 High priority for ongoing attention and preparation of specific emergency plans. Examine possibility of measures to reduce the overall level of risk.

TARGETED RISK TREATMENT OPTIONS

| DER REFERENCE | FURTHER ACTIONS REQUIRED | RISK PRIORITY |
|--|--|---------------|
| DER1.1-1.6 Industrial Accidents and Environmental Pollution | Preparation of off-site emergency plans for two sites throughout the County (to mitigate localised impacts) identified by the risk assessment process. | 4 |
| | Incorporation into exercise cycle for hazardous sites | |

RISK PRIORITY KEY:

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- 4 Further actions required, may include preparation of specific emergency plans or integration into existing protocols and training.
- 5 High priority for ongoing attention and preparation of specific emergency plans. Examine possibility of measures to reduce the overall level of risk.