

COMMUNITY RISK REGISTER: Derbyshire LRF

High Peak Borough 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	Serious major industrial accident resulting in extensive and protracted impacts, including fatalities and casualties	Low	Minor	Low	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.	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	Serious major incident affecting pipeline, possibly resulting from non-malicious third party action, resulting in extensive impacts (dependant on pipeline product) including fatalities and casualties.	Low	Minor	Low	Specific contingency plan for GPSS pipeline. Generic major incident plans (eg local authorities, emergency services, health trusts).			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

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	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
	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 Low	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

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	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
	Hazardous goods transport - radioactive materials	Accident involving one or more vehicles transporting radioactive material. Resulting in fatalities and casualties, with disruptive effects in the wider vicinity.	Low	Significant	Medium	Compliance with road/rail/air regulations applicable to radioactive substances; NAIR and CHEMET technical support; designated routes; Hazmat and decontamination capability; Generic major incident plans (eg local authorities, emergency services, health trusts).			POL, BTP, LA	Nov-11
	Aviation accident	Serious Aviation Accident involving a passenger carrying aircraft. Impact in a Non-Urban area, High numbers of fatalities, possible casualties and localised environmental damage.	Low	Minor	Low	Generic major incident plans (eg local authorities, emergency services, health trusts).			FIRE, LA	Nov-11
3. Severe weather	Storms and gales	Storm force winds affecting the whole County for a protracted period e.g. 6 hours. Resulting impacts include structural damage, casualties and disruption to infrastructure e.g. telecommunications, power and transport.	Medium	Minor	Medium	Generic major incident plans (eg local authorities, emergency services, health trusts)			POL, LA, EPD	Nov-11
	Heavy snow	High snow levels over a protracted period over most of the County. Resulting impacts include health effects, disruption to infrastructure, services and supplies.	Medium High	Minor	Medium	Generic major incident plans (eg local authorities, emergency services, health trusts).	Risk Treatment Plan		EPD, LA	Nov-11
	Heatwave	Abnormally high temperatures in excess of 32°C over a protracted (minimum 5 consecutive days) period. Resulting impacts include health effects on vulnerable sections of the population and service pressures to health and social services.	Medium Low	Moderate	High	Generic major incident plans (eg local authorities, emergency services, health trusts); NHS National Heatwave plan, Trust Heatwave specific plans, Dissemination procedure for Heatwave Warnings.	Risk Treatment Plan		PCT, HOS, EPD, LA	Nov-11

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	Cold snap	Extreme low temperatures over a protracted (minimum five days) period. Resulting impacts include health effects on vulnerable sections of the population and service pressures to health and social services.	Medium	Minor	Medium	Generic major incident plans (eg local authorities, emergency services, health trusts).			PCT, HOS, EPD, LA	Nov-11
	Drought	Drought resulting from a protracted period of insufficient rainfall placing stress on water resources and the environment. This has impacts on water supplies and potential increase in moorland/forest fires.	Medium Low	Moderate	High	Generic major incident plans (eg local authorities, emergency services, health trusts).	Risk Treatment Plan		EA, DEFRA, Utility Companies	Nov-11
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	Moderate	High	Specific flood emergency plan; Specific EA flood plans & guidance; EA flood defences; Generic major incident plans (eg local authorities, emergency services, health trusts)	Risk Treatment Plan		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	Moderate	High	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

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	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
	Collapse/flooding at caves/underground workings/recreational caverns	Major structural collapse whilst occupied resulting in localised but protracted impacts including fatalities and casualties. Difficulty of access could impede response.	Low	Minor	Low	Regular inspections of Show Caverns; Cave Rescue Organisation; DFRS rope rescue capability; 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
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

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	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
	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

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	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
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

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	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
	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

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	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
	Prison Service	NO HAZARDS IDENTIFIED							POL, PCT, LA	Nov-11

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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	Serious fire developing over large area requiring planned multi-agency approach taking several days to extinguish	Medium	Minor	Medium	Peak District Fire Operations Group, New dimensions High Volume Pumping equipment. Generic major incident plans (eg local authorities, emergency services, health trusts)			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 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)	3

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
DER3.2 Heavy Snow	Awareness raising of risk with category 1 responders - particularly High Peak Borough Council, Tameside and Glossop PCT and Derbyshire PCT, Derbyshire County Council Environmental Services and lessons learned from the experiences of the 2009/10 severe winter weather	3
	Ensure category 1 responders Business Continuity Plans address the impact of heavy snow disruption taking into account lessons learned from the 2009/10 severe winter weather	
	Ensure Local Authority category 1 responders reflect risk assessments in NI 188 (Planning to adapt to climate change) data and level of preparedness	
	Multi-agency climate change briefing	
	Build lessons learned from 2009/10 severe winter weather into training	

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RISK TREATMENT PLAN

DER REFERENCE	FURTHER ACTIONS REQUIRED	RISK PRIORITY
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

DER REFERENCE	FURTHER ACTIONS REQUIRED	RISK PRIORITY
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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RISK TREATMENT PLAN

DER REFERENCE	FURTHER ACTIONS REQUIRED	RISK PRIORITY
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		

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
DER4.3 Flooding - Hazardous Flash Flooding	Enhanced reference to Hazardous Flash Floods within the MAFCP district annexes	4
	Increased awareness for DFRS water rescue personnel	
	Inform/liaise and raise awareness of risk with Derbyshire Strategic Flood Board and Derbyshire Flood Warning Group	
	Multi-agency climate change briefing	

RISK PRIORITY KEY:

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RISK TREATMENT PLAN

DER REFERENCE	FURTHER ACTIONS REQUIRED	RISK PRIORITY
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	

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.

RISK TREATMENT PLAN

DER REFERENCE	FURTHER ACTIONS REQUIRED	RISK PRIORITY
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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- 4 Further actions required, may include preparation of specific emergency plans or integration into existing protocols and training.
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RISK TREATMENT PLAN

DER REFERENCE	FURTHER ACTIONS REQUIRED	RISK PRIORITY
DER12.3 Critical Service Disruption/Failure - Gas	<p>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)</p> <hr/> <p>Include "scenario" in business continuity awareness briefings/training/exercises</p> <hr/> <p>Ensure Emergency Planning Division's Resources Database builds additional resilience through suppliers of mobile emergency heating/cooking equipment</p>	<p>3</p>

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- 4 Further actions required, may include preparation of specific emergency plans or integration into existing protocols and training.
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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 <hr/> Include "scenario" in business continuity awareness briefings/training/exercises <hr/> Ensure Emergency Planning Division Resources Database builds additional resilience through suppliers of mobile generators	4

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- 4 Further actions required, may include preparation of specific emergency plans or integration into existing protocols and training.
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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

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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.

RISK TREATMENT PLAN

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

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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	

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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.

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)	4
	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	

RISK PRIORITY KEY:

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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	

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