

COMMUNITY RISK REGISTER 2008

Community Risk Register for Northamptonshire Resilience Forum - Public

Date of revision: August 2008								Next review date: 2009			
Risk ref.	Hazard or threat category	Hazard or threat sub-category	Outcome Description	Likelihood	Impact	Risk rating	Capability required	Controls currently in place	Additional risk treatment required (with timescale)	Lead responsibility	Review date
HL7	Industrial Accident & Environmental Pollution	Industrial Explosion & Major Fires	Up to 1km around site causing up to 20 casualties, some of a serious nature.	Rare	Moderate	Medium	Site Incident Plans	Generic Major Incident Plans	Consult with Environment Agency on the assistance and advice that they could provide.	Fire	Nov-09
H4	Industrial Accident & Environmental Pollution	Fire or explosion at a fuel distribution site and tank storage of flammable or toxic liquids	Up to 3km around site causing up to 150 fatalities and up to 2000 casualties.	Rare	Moderate	Medium	Site Incident Plans	Generic Major Incident Plans	Joint training & exercising needs to be carried out by 2010.	Fire	Nov-09
HL28	Industrial Accident & Environmental Pollution	Localised fire or explosion at a fuel distribution site or tank storage of flammable and/or toxic liquids	Up to 1Km around the site, causing up to 15 fatalities and 200 casualties.	Rare	Significant	High	Site Incident Plans	Generic Major Incident Plans	Joint training & exercising needs to be carried out by 2010.	Fire	Nov-09
H5	Industrial Accident & Environmental Pollution	Fire or explosion at an onshore fuel pipeline	Up to 1km around site causing up to 100 fatalities and up to 500 casualties.	Negligible	Moderate	Medium	Site Incident Plans	Generic Major Incident Plans	Joint training & exercising needs to be carried out by 2010.	Fire	Nov-09
H7	Industrial Accident & Environmental Pollution	Explosion at a natural gas pipeline	Local to site causing up to 200 fatalities and up to 200 casualties.	Negligible	Moderate	Low	Site Incident Plans	Generic Major Incident Plans	Joint training & exercising needs to be carried out by 2010.	Fire	Nov-09
HL30	Industrial Accident & Environmental Pollution	Localised explosion at a natural gas pipeline	Causing up to 100 fatalities and hospitalising up to 100 people.	Negligible	Moderate	Low	Site Incident Plans	Generic Major Incident Plans	Joint training & exercising needs to be carried out by 2010.	Fire	Nov-09
H9	Industrial Accident & Environmental Pollution	Large toxic chemical release	Up to 3km from site of toxic chemical release causing up to 50 fatalities and up to 2000 casualties.	Unlikely	Moderate	Medium	Site Incident Plans	Generic Major Incident Plans	Joint training & exercising needs to be carried out by 2010.	Fire	Nov-09
HL3	Industrial Accident & Environmental Pollution	Industrial accident involving toxic release	Up to 1km around site causing up to 10 fatalities and up to 100 casualties.	Unlikely	Moderate	Medium	Site Incident Plans	Generic Major Incident Plans	Joint training & exercising needs to be carried out by 2010.	Fire	Nov-09
H11	Industrial Accident & Environmental Pollution	Accidental release of radioactive material from incorrectly handled or disposed of sources.	Up to 5 fatalities and 100 contaminated people requiring medical monitoring.	Negligible	Moderate	Medium	Site Incident Plans	Generic Major Incident Plans	Joint training & exercising needs to be carried out by 2010.	Fire	Nov-09
H12	Industrial Accident & Environmental Pollution	Biological substance release from facility where pathogens are handled.	Up to 10 fatalities and serious injuries or offsite impact requiring up to 1000 casualties.	Unlikely	Minor	Medium	Site Incident Plans	Generic Major Incident Plans	Joint training & exercising needs to be carried out by 2010.	HPA	Nov-09

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H46	Industrial Accident & Environmental Pollution	Biological substance release during an unrelated work activity or industrial process.	Up to 10 fatalities and serious injuries or off site impact requiring up to 1000 hospital admissions.	Possible	Moderate	High	Health Plans, Vaccination Plans Health education and advice	Major Health Plans	Liaison and training within NHS Organisations	HPA	Nov-09
H14	Industrial Accident & Environmental Pollution	Major contamination incident with widespread implications for the food chain, arising from: (a) Industrial accident.	Food production/marketing implications depending on scale and area affected.	Possible	Minor	Medium	Food Contamination Plans	Generic Major Incident Plans	Constantly under review	Local Authority	Nov-09
H14	Industrial Accident & Environmental Pollution	Major contamination incident with widespread implications for the food chain, arising from: (b) Contamination of animal feed e.g. dioxins, BSE.	Food production/marketing implications depending on scale and area affected	Possible	Minor	Medium	Animal Food Contamination Plans	Generic Major Incident Plans	Constantly under review	Local Authority	Nov-09
H14	Industrial Accident & Environmental Pollution	Major contamination incident with widespread implications for the food chain, arising from: (c) Incidents arising from production processes.	Food production/marketing implications depending on scale and area affected	Possible	Minor	Medium	Food Production Contamination Plans	Generic Major Incident Plans	Constantly under review	Local Authority	Nov-09
HL4	Industrial Accident & Environmental Pollution	Major pollution of controlled waters	Pollution incident impacting upon controlled waters	Probable	Moderate	High	Incident Plans	Major Pollution Plans	Consult with Environment Agency on the assistance and advice that they could provide.	Environment Agency	Nov-09
HL5	Industrial Accident & Environmental Pollution	Major land contamination incident	Pollution incident (e.g. chemical spillage) leading to persistent and/or extensive effect on land quality	Probable	Moderate	High	Incident Plans	Major Pollution Plans	Consult with Environment Agency on the assistance and advice that they could provide.	Environment Agency	Nov-09
HL8	Transport Accidents	Fire, flooding, stranding or collision involving a passenger vessel in or close to UK waters or on inland waterways, leading to the ship's evacuation.	Up to 50 fatalities and up to 300 casualties	Negligible	Minor	Low	Incident Plans	Generic Major Incident Plans	Continuation of training and exercising	Fire	Nov-09
H16	Transport Accidents	Aviation accident over a semi-urban area	Loss of up to two aircraft and passengers, with debris over a semi-urban area. Up to 600 fatalities and up to 300 casualties	Negligible	Catastrophic	Medium	Incident Plans	Generic Major Incident Plans	Joint training & exercising needs to be carried out by 2010.	Police/Fire/DfT	Nov-09
HL9	Transport Accidents	Aviation accident	Causing up to 50 fatalities and up to 250 casualties.	Negligible	Moderate	Medium	Incident Plans	Generic Major Incident Plans	Joint training & exercising needs to be carried out by 2010.	Police/Fire/DfT	Nov-09

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HL10	Transport Accidents	Local accident on motorways and major trunk roads	Multiple vehicle incident causing up to 10 fatalities and up to 20 casualties.	Possible	Minor	Medium	Motorway Incident Plans Generic Plans	Generic Plans Highway Agency Plans	Joint training & exercising needs to be carried out by 2010.	Police/Fire/DfT	Nov-09
HL11	Transport Accidents	Railway Accident	Up to 30 fatalities and up to 100 casualties	Negligible	Minor	Low	Railway Incident Plans Generic Plans	Generic Major Incident Plans	Joint training & exercising needs to be carried out by 2010.	Police/Fire/DfT	Nov-09
HL12	Transport Accidents	Local accident involving transport of hazardous chemicals	Up to 50 fatalities and up to 500 casualties	Negligible	Minor	Low	Generic Plans	Generic Major Incident Plans	Joint training & exercising needs to be carried out by 2010.	Police/Fire/DfT	Nov-09
HL14	Transport Accidents	Local accident involving transport of fuel/explosives	Up to 30 fatalities and up to 20 casualties within vicinity of accident/explosion	Negligible	Minor	Low	Generic Plans	Generic Major Incident Plans	Joint training & exercising needs to be carried out by 2010.	Police/Fire/DfT	Nov-09
H17	Severe Weather	Storms & Gales	Storm force winds affecting most of the country for at least 6 hours. Most inland, lowland areas experience mean speeds in excess of 55mph with gusts in excess of 85mph	Rare	Minor	Low	Generic Plans	Generic Major Emergency Plans	Constantly under review	Local Authority	Nov-09
H18	Severe Weather	Low temperatures and heavy snow	Snow lying over most of the country for at least one week. Most inland areas experience some snow falls in excess of 10cm, some drifts in excess of 50cm, and a period of at least 7 consecutive days with daily mean temperatures below -3 degrees centigrade.	Possible	Minor	Medium	Generic Plans	Generic Major Emergency Plans	Constantly under review	Local Authority	Nov-09
H48	Severe Weather	Heat Wave	Daily maximum temperatures in excess of 32°C and minimum temperatures in excess of 15°C over most of the area for at least 5 consecutive days and nights.	Rare	Minor	Low	Generic Plans	Generic Major Emergency Plans	Constantly under review	Local Authority	Nov-09
H50	Severe Weather	Drought	Periodic water supply interruptions affecting 385,000 businesses in London for up to 10 months. Emergency Drought Orders in place authorising rota cuts in supply according to needs of priority users as directed by Secretary of State.	Rare	Moderate	Medium	Generic Plans	Generic Major Emergency Plans	Constantly under review	Local Authority	Nov-09
HL18	Severe Weather	Local/Urban flooding (fluvial or surface runoff)	A sustained period of heavy rainfall extending over two weeks, perhaps combined with snow melt, resulting in steadily rising river levels across entire counties and could threaten a large urban town. Localised flooding of 1000 to 10,000 properties for 2-7 days. Up to 15 fatalities and 150 casualties. Up to 15,000 people evacuated.	Unlikely	Moderate	High	Flood Incident Plans	Major Flood Incident Plans Generic Major Emergency Plans	Floodline Warnings Direct for use in warning local residents and businesses. Assist Environment Agency in encouraging better flood preparedness in communities. Assist Environment Agency in promoting Fluvial Flood Warden Schemes based in Parishes.	Environment Agency	Nov-09
HL19	Severe Weather	Local Fluvial Flooding (Rivers and Streams)	A sustained period of heavy rainfall extending over two weeks, perhaps combined with snow melt, resulting in steadily rising river levels within a region. Localised flooding of 100 to 1,000 properties for 2-7 days. Up to 5 fatalities and 50 casualties. Up to 5,000 people evacuated.	Possible	Significant	Very High	Flood Incident Plans	Major Flood Incident Plans Generic Major Emergency Plans	Floodline Warnings Direct for use in warning local residents and businesses. Assist Environment Agency in encouraging better flood preparedness in communities. Assist Environment Agency in promoting Fluvial Flood Warden Schemes based in Parishes.	Environment Agency	Nov-09

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HL22	Structural	Building Collapse	Potential for a number of persons to be trapped or missing.	Rare	Minor	Low	Incident Plans	Generic Major Emergency Plans	Joint training & exercising needs to be carried out by 2010.	Fire	Nov-09
HL23	Structural	Bridge Collapse	Roads, access routes and transport infrastructure impassable for considerable length of time.	Negligible	Minor	Low	Incident Plans	Generic Major Emergency Plans	Joint training & exercising needs to be carried out by 2010.	Fire	Nov-09
H22	Human Health	Influenza Type Disease (Epidemic)	A serious epidemic of much greater severity than the usual seasonal flu. Weekly GP consultations for new episodes of flu-like illness likely to exceed 400 per 100,000 of population at the peak.	Possible	Minor	Medium	Health Plans, Vaccination & Immunisation programmes	Major Health Plans	Liaison and training within NHS Organisations	HPA	Nov-09
H23	Human Health	Influenza Type Disease (Pandemic)	Each pandemic is different and the nature of the virus and its impacts cannot be known in advance. Previous pandemic have led to markedly different outcomes. Based on understanding of previous pandemics, a pandemic is likely to occur in one or more waves, possibly weeks or months apart. Each wave likely to last 15 weeks.	Possible	Significant	Very High	Health Plans, Vaccination programmes	Major Health Plans	Liaison and training within NHS Organisations	HPA	Nov-09
H24	Human Health	Emerging Infectious Disease	Up to 100 fatalities and 2000 casualties.	Rare	Moderate	Medium	Health Plans	Major Health Plans	Liaison and training within NHS Organisations	HPA	Nov-09
HL24	Human Health	Legionella/ Meningitis	Localised outbreak of a disease which could cause up to 10 fatalities and up to 50 casualties, with no variation in likelihood between localities	Possible	Minor	Low	Health Plans, Vaccination plans Health education and advice	Major Health Plans	Liaison and training within NHS Organisations	HPA	Nov-09
H25	Animal Health	Non-Zoonotic notifiable animal diseases - Newcastle Disease of Birds	Slaughter of between 10,000 to 500,000 affected and exposed birds.	Rare	Insignificant	Low	Animal Diseases Generic Plans	Generic Major Incident Plans	Liaison between State Veterinary Service and DEFRA	State Veterinary Service	Nov-09
H25	Animal Health	Non-Zoonotic notifiable animal diseases - Classical Swine Fever	Slaughter of between 200 – 500,000 affected and exposed pigs plus the possibility of a significant number of animals culled for welfare reasons. 4-8 months.	Rare	Insignificant	Low	Animal Diseases Generic Plans	Generic Major Incident Plans	Liaison between State Veterinary Service and DEFRA	State Veterinary Service	Nov-09
H25	Animal Health	Non-Zoonotic notifiable animal diseases - Bluetongue	Affecting 20,000 to 20 million sheep and cattle for 8 months to the disease becoming endemic due to climate change.	Possible	Moderate	High	Animal Diseases Generic Plans	Generic Major Incident Plans	Liaison between State Veterinary Service and DEFRA	State Veterinary Service	Nov-09
H25	Animal Health	Non-Zoonotic notifiable animal diseases - Foot & Mouth Disease (FMD)	Slaughter of up to 500,000 affected and exposed livestock plus a significant number of animals culled for welfare reasons.	Rare	Moderate	Medium	Animal Diseases Generic Plans	Generic Major Incident Plans	Liaison between HPA, State Veterinary Service and DEFRA	State Veterinary Service	Nov-09
H26	Animal Health	Zoonotic notifiable animal diseases - Avian Influenza	Potential zoonosis in up to 10 people with some deaths. Slaughter of between 20,000 to 5 million affected and exposed birds 6-24 months.	Rare	Moderate	Medium	Animal Diseases Generic Plans	Generic Major Incident Plans	Liaison between HPA, State Veterinary Service and DEFRA	State Veterinary Service	Nov-09

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H26	Animal Health	Zoonotic notifiable animal diseases - West Nile Virus	West Nile Virus spread by viable vectors in the UK . The slaughter of 20 - 1,000 horses.	Rare	Minor	Low	Generic Plans	Animal Health Plans	Liaison between HPA, State Veterinary Service and DEFRA	State Veterinary Service	Nov-09
H26	Animal Health	Zoonotic notifiable animal diseases - Rabies	Affecting 1-20 dogs for 2 years to regain rabies free status and 200 to 4,000 foxes per year for 2-8 years.	Rare	Minor	Low	Generic Plans	Animal Health Plans	Liaison between HPA, State Veterinary Service and DEFRA	State Veterinary Service	Nov-09
HL42	Industrial Action	Emergency Services and other workers providing a service critical to the preservation of life (e.g. doctors and nurses): Loss of cover due to industrial action.	A number of three day strikes with significant support over a two month period affecting a single emergency service.	Possible	Minor	Medium	Incident Plans	Incident Plans	Constantly under review	Police Fire EMAS PCT	Nov-09
H30	Industrial Action	Emergency services: loss of emergency fire and rescue cover because of industrial action	A series of strikes by fire fighters takes place, spread over a period of two months, perhaps lasting up to 24 hours each.	Probable	Minor	Medium	Incident Plans	Incident Plans	Constantly under review	Fire	Nov-09
H31	Industrial Action	Constraint on the supply of fuel e.g. industrial action by contract drivers for fuel	Filling stations, depending on their locations, would start to run dry between 24 - 48 hours. Panic buying would exacerbate the situation. Replenishment of sites would take between 3 - 10 days depending on location.	Possible	Moderate	High	Incident Plans	Generic Major Incident Plans	DTI plans and protocols in place. Testing of Business Continuity Plans.	Police	Nov-09
H33	Industrial Action	Prison Officer Strike	Prison Officer stike action, for up to 48 hours in 80% of prisons.	Unlikely	Minor	Medium	Incident Plans	Generic Major Incident Plans	Constantly under review	Police	Nov-09
H35	Industrial Action	Industrial action by key rail or London Underground wokers	Strike action resulting in the total shutdown of either London Underground or the rail network on a national scale.	Negligible	Minor	Low	Incident Plans	Generic Major Incident Plans	Constantly under review	Local Authority	Nov-09
H37	International Events	International security incident resulting in influx of British Nationals	Up to 50,000 British nationals returning to UK within a 4-6 week period following serious regional conflict, a sustained terrorist campaign against UK and other Western nationals, or an uncontrolled outbreak of pandemic flu.	Unlikely	Moderate	High	Incident Plans	Generic Major Incident Plans	Constantly under review	Local Authority	Nov-09

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HL43	International Events	International security or pandemic health situation resulting in influx of British Nationals	Up to 10,000 British nationals deciding to return to UK to a single region within a 4-6 week period following a serious regional conflict, a sustained terrorist campaign against UK and other Western nationals, or an uncontrolled outbreak of pandemic flu.	Possible	Minor	Medium	Incident Plans	Generic Major Incident Plans	Constantly under review	Local Authority	Nov-09
H38	Industrial Technical Failure	Technical failure of upstream (offshore) oil/gas network leading to a disruption in upstream oil and gas production	Catastrophic accident destroying all or parts of a critical upstream facility and, in the worst case, taking months or more to restore normal levels of service.	Rare	Minor	Low	Business Continuity Plans	Generic Major Incident Plans	Testing of Business Continuity Plans	Local Authority/Utility Company	Nov-09
H39	Industrial Technical Failure	Failure of water infrastructure or accidental contamination with a non-toxic contaminant	Loss of or non-availability for drinking, of the piped water supply, for up to 50,000 people, for more than 24 hours and up to 3 days.	Possible	Minor	Medium	Business Continuity Plans Water Company Emergency Plan	Generic Major Incident Plans	Testing of Business Continuity Plans	Local Authority/Utility Company	Nov-09
H49	Industrial Technical Failure	Loss of drinking water supplies due to a major accident affecting infrastructure	Loss of or non-availability for drinking, of the piped water supply, for a population up to 200,000 people, for more than 24 hours and up to one week.	Negligible	Minor	Low	Business Continuity Plans Water Company Emergency Plan	Generic Major Incident Plans	Testing of Business Continuity Plans	Local Authority/Utility Company	Nov-09
H40	Industrial Technical Failure	No notice loss of significant telecommunications infrastructure in a localised such as a fire, flood or gas incident	Loss of telecommunications for up to 100,000 people for up to 72 hours.	Probable	Minor	Medium	Business Continuity Plans Utility Company Emergency Plans	Generic Major Incident Plans	Testing of Business Continuity Plans	Local Authority/Utility Company	Nov-09
H41	Industrial Technical Failure	Technical failure of electricity network	Partial or total blackout for up to 3 days. Destabilisation of the National Grid.	Rare	Moderate	Medium	Business Continuity Plans Utility Company Emergency Plans.	Generic Major Incident Plans	Testing of Business Continuity Plans	Local Authority/Utility Company	Nov-09
H43	Industrial Technical Failure	Telecommunication infrastructure - human error.	Loss of telecommunications across a UK region for up to 5 days	Unlikely	Moderate	High	Business Continuity Plans. Utility Company Emergency Plans.	Generic Major Incident Plans	Testing of Business Continuity Plans	Local Authority/Utility Company	Nov-09
H45	Industrial Technical Failure	Technical failure of electricity network	Total shutdown of the electricity supply over an entire region (or Developed Administration), occurring during working hours and lasting for 24hours.	Unlikely	Minor	Medium	Business Continuity Plans. Utility Company Emergency Plans.	Generic Major Incident Plans	Testing of Business Continuity Plans	Local Authority/Utility Company	Nov-09