




## Community Risk Register (1 Dec 2006)

**Area Affected:** 8. Pan-Dorset
















**Hazard / Threat Category:** 1. Industrial accidents and environmental pollution

Risk Ref.	Hazard / Threat Sub category	Description	Likelihood	Impact	Risk Rating	Controls in Place
PDIA005	Fires in Gas Cylinder Depots (LPG)	Dependant on magnitude of incident (Number of cylinders involved), could cause fatal injuries to many persons and building destruction in a wide area.	■■■●■	■■■■■	■■■■■	Inter-agency working and ongoing training for relevant persons.
PD1A003	Mass debris	Mass debris resulting from a primary incident; e.g. mass explosion resulting from terrorism, industrial incident, major subsidence, etc could cause buildings to collapse or partially collapse. Also, mass debris could result from climatic disaster	■■■●■	■■■■■	■■■■■	DCC concept document in first draft wef 9 sep 05.
PDIA002	Gas Holder Fire	Dependant on location of Gas Holder, some roads would need to be closed and areas would need to be evacuated.	■■■●■	■■■■■	■■■●■	Inter-agency liaison.
PDIA006	Bulk Fuel Fires	A large fuel fire could cause fatal injuries, building demolition and long-term environmental damage.	■■■●■	■■■■■	■■■●■	Inter-agency liaison and ongoing training for relevant persons.
PDIA001	Drums and other objects washed ashore	Drums containing chemical substances/other hazardous materials washed ashore.	■■■■■	■■■●■	■■■●■	DFRS tasked to attend incident and render safe. Safe disposal of materials by Borough or District authority. Borough/District Emergency Plans
PDIA003	Gas Holder Leaks	Dependant on location of Gas Holder, some roads would need to be closed and some areas would need to be evacuated. Gas could spread some distance from Holder.	■■■●■	■■■■■	■■■●■	Inter-agency liaison.
PDIA007	Leaks in Fuel Depots	A fuel depot leak could cause long-term environmental damage and there is potential for it to catch fire if it comes into contact with a source of ignition.	■■■●■	■■■■■	■■■●■	Inter-agency Liaison and ongoing training for relevant persons.
PDIA011	Accidental release of radioactive material from incorrectly handled or disposed of sources	Up to five fatalities and up to 100 contaminated people requiring medical monitoring. Many worried people may present at hospitals. Radiation may be spread over a range of several kilometers but most concentration at the point of accidental release.	■●■■■	■■■■■	■■■●■	1. Government regulation on the use and storage of radioactive material 2. Holders of radioactive material are required to dispose of sources by returning to the manufacturers or to premises authorised by the Environment Agency
PDIA016	Major land contamination incident	Pollution incident (for example chemical spillage) leading to persistent and/or extensive effect on land quality, major damage to terrestrial ecosystems, property, amenity (ie tourism) value and major damage to agriculture / commerce, human health	■■■■■	■■■■■	■■■●■	Environment Agency: 24 hour 365 day response system in place. Incident Management Process in place. Close working relationships with Fire Brigades, police, Local Authorities, Highways Agency, Health Protection Agency and Health Authority.
PDIA017	Major Air Quality Incident	Pollution incident (for example uncontrolled emission from an industrial facility or uncontrolled release of landfill gas) leading to persistent and/or extensive effect on air quality, major damage to local ecosystem, major effect on amenity (ie tourism)	■■■■■	■■■■■	■■■●■	Environment Agency: 1. 24 hour 365 day response system in place. 2. Incident Management Process in place. 3. Close working relationships with Fire Brigades, police, Local Authorities, Highways Agency, Health Protection Agency and Health Authority.
PDIA015	Major pollution of controlled waters	Pollution incident impacting upon controlled waters (for example, could be caused by chemical spillage or release of untreated sewage) leading to persistent and/or extensive effect on water	■■■■■	■■■■■	■■■●■	Environment Agency: 1. 24 hour 365 day response system in place. 2. Incident Management Process in place. 3. Close working relationships with Fire Brigades, police, Local

		quality, major damage to aquatic ecosystems.				Authorities, Highways Agency, Health Protection Agency and Health Authority. 4.
PDIA004	Gas Cylinder Leak (LPG)	Area affected could vary dependant on the magnitude of the incident (number of cylinders involved). LPG is heavier than air and will follow the contours of the lowest level and could enter drains, creating gas pockets underground.				Inter-agency liaison for major leaks. Ongoing training for Fire Service personnel.










**Area Affected:** 8. Pan-Dorset

**Hazard / Threat Category:** 2. Transport accidents

Risk Ref.	Hazard / Threat Sub category	Description	Likelihood	Impact	Risk Rating	Controls in Place
CC010	Railway Accident	Any rail incident resulting in up to 30 fatalities and up to 100 casualties (fractures, internal injuries - burns less likely). Main rail lines - the first running from Weymouth eastwards out of County towards London. The second is in north of County.				Network Rail is responsible for controls in place for all rail lines in Dorset.
PDTA004	Local accident involving transport of fuel or explosives	Up to 30 fatalities and up to 20 casualties within the vicinity of the spillage/explosion.				Specialised driver training. Purpose built vehicles. Hazmat plated. Multi Agency Hazmat Plans.
PDTA003	Local accident on motorways and major trunk roads	Multiple vehicle incident causing up to 10 fatalities and up to 20 casualties (internal injuries, fractures, possible burns) covering major trunk routes in Dorset e.g. A31, A35 and A303				Highways Agency Area Network Contingency Plans ACPO Road Death Investigation Manual RTC Hotspot Analysis Drink Drive Campaign Camera Safety Partnership Vehicle Defect Campaign Driver Awareness Campaign Advice over local radio re weather etc Depart
PDTA002	Local accident involving transport of hazardous chemicals.	Up to 50 fatalities and 500 casualties including indirect casualties.				Multi Agency Hazmat Manual Hazchem Markings Chemsafe Data Chemet
PDTA001	Aviation Accident (Bournemouth Airport)	Air accident occurring at Bournemouth International Airport, or on the flight paths to/from the airport				TBD

**Area Affected:** 8. Pan-Dorset

**Hazard / Threat Category:** 3. Severe weather

Risk Ref.	Hazard / Threat Sub category	Description	Likelihood	Impact	Risk Rating	Controls in Place
PDSW008	Major Local Fluvial Flooding	A sustained period of heavy rainfall extending over two weeks, perhaps combined with snow melt, resulting in steadily rising river levels over a region. Localised flooding of more than 100 and less than 1,000 properties.				a. Environment Agency provide flood warning service to public for flood warning areas b. Dorset County Council Plan and District Councils Major and Local Incident Plans c. Additional resources provided by agencies detailed in Multi Agency Response Plan
PDSW006	Major local coastal/tidal flooding	Sea surge, spring tides, gale force winds, heavy rainfall affecting more than one region, some defences overtopped or failing at multiple locations. Flooding of more than 1,000 and less than 10,000 properties. Multiagency response invoked.				a. Environment Agency provide flood warning service to public for flood warning areas b. Dorset County Council Plan and District Councils Major and Local Incident Plans c. Additional resources provided by agencies detailed in Multi Agency Response Plan
PDSW007	Localised coastal/tidal flooding	Sea surge, high tides, gale force winds affecting the coastline and one region, some defences overtopped or failing at a single				a. Environment Agency provide flood warning service to public for flood warning areas b. Dorset County Council Plan and District

		location. Localised impact with infrastructure affected and up to 1,000 properties flooded. Flood warning service would operate				Councils Major and Local Incident Plans c. Additional resources provided by agencies detailed in Multi Agency Response Plan
PDSW009	Localised fluvial flooding (flash flooding)	Heavy localised rainfall in steep valley catchment leading to flash flooding. Likely that no flood defences in place. Possibility no flood warning service available / suddenness of events means timely flood warnings not possible.	■■■■■	■■■■■	■■■■■	Environment Agency provide flood warning service to public for Rivers Char, Bride, Brit, Asker and tributaries, Wey, Stour and Frome Dorset County Council Plan and District Councils Major and Local Incident Plans for Wey Valley
PDSW010	Groundwater Flooding	A sustained period of heavy rainfall extending over much of the winter period, resulting in rising water table levels, mainly in areas with chalk strata. Localised flooding of more than 100 properties from springs or standing water.	■■■■■	■■■■■	■■■■■	Environment Agency provide a groundwater flood warning service to public using flood wardens Additional resources provided by agencies detailed in Multi Agency Response Plans Environment Agency provides pumping for groundwater which can emerge behind
PDSW011	Drought	A lack of sustained rainfall causing widespread drought affecting 5000 people and a significant length of river.	■■■■■	■■■■■	■■■■■	EA: 1. Monitoring at specific sites 2. Regular liaison between water companies and the Environment Agency 3. Potential assessment and granting of drought orders and permits 4. Potential section 57 spray irrigation restrictions 5. Potential publicity

**Area Affected:** 8. Pan-Dorset

**Hazard / Threat Category:** 4. Structural hazards

Risk Ref.	Hazard / Threat Sub category	Description	Likelihood	Impact	Risk Rating	Controls in Place
PDSH001	Collapsed Structures	Different types of building construction causing different circumstances to each incident i.e. Framed or unframed buildings, internal/external collapse, partial or full collapse. The scale would depend if one structure was involved or many.	■■■■■	■■■■■	■■■■■	Inter-agency working and ongoing training for relevant persons.

**Area Affected:** 8. Pan-Dorset

**Hazard / Threat Category:** 6. Animal health

Risk Ref.	Hazard / Threat Sub category	Description	Likelihood	Impact	Risk Rating	Controls in Place
CCAH001	Non-zoonotic communicable animal disease	F&M outbreak impacting the entire county of Dorset, including the conurbation.	■■■■■	■■■■■	■■■■■	DEFRA animal movement licences. DEFRA national reporting of suspected animals. DEFRA National and 'Dorset & Somerset' F&M plans. DCC Animal Disease Response Plan (F&M annex to be developed).

**Area Affected:** 8. Pan-Dorset

**Hazard / Threat Category:** 10. Public disorder/protest

Risk Ref.	Hazard / Threat Sub category	Description	Likelihood	Impact	Risk Rating	Controls in Place
PDPD002	Targeting Disruptive Protest	Nationally co-ordinated protest that could generate shortages of essential supplies and last for up to 1 week eg fuel protests.	■■■■■	■■■■■	■■■■■	Contingency plans exist for certain essential supplies, eg water & fuel.
PDPD001	Large scale public protest.	Large scale public protests. Tens of thousands of highly motivated protestors, including a hard core of 2,000 protestors, causing physical	■■■■■	■■■■■	■■■■■	Permanent intelligence gathering sources and resources in place. ACPO National Public Manual.

damage, requiring a nationally co-ordinated police response.

**Area Affected:** 8. Pan-Dorset

**Hazard / Threat Category:** 14. Technical failure

Risk Ref.	Hazard / Threat Sub category	Description	Likelihood	Impact	Risk Rating	Controls in Place
PDTF002	Utilities: Loss / disruption of water supply	Disruption / failure of Wessex Water, Bournemouth & West Hants Water and South West Water to supply customers within Dorset.				Emergency Plans (to cover use of stand pipes, bottled water, tankers and bowzers to maintain minimal drinking supplies) Mutual aid arrangements
PDTF003	Utilities: Loss / disruption to electricity supply	Failure of electricity supply has potential to affect large numbers of people and industrial activity.				Mutual aid arrangements for technical repairs. Rota arrangements for electricity supply.
PDTF004	Utilities: Loss / disruption to gas supplies	Failure of gas supply has potential to affect large numbers of people and industrial activity.				Mutual aid arrangements for technical repairs. Rota arrangements for gas supply.
PDTF001	Utilities: No notice failure of a public telephony provider.	Loss of service of up to 100,000 customers for up to 5 hours.				Business continuity plans.

**Area Affected:** 9. Regional / National

**Hazard / Threat Category:** 1. Industrial accidents and environmental pollution

Risk Ref.	Hazard / Threat Sub category	Description	Likelihood	Impact	Risk Rating	Controls in Place
RNIA002	Contamination of Food Supply Chain	Widespread contamination of the food supply chain affecting the S.W. Region and beyond. All stocks of bread, meat and milk would be quickly depleted. It should be possible to clear up any accidental contamination incident within days - 2 to 3 days				

**Area Affected:** 9. Regional / National

**Hazard / Threat Category:** 3. Severe weather

Risk Ref.	Hazard / Threat Sub category	Description	Likelihood	Impact	Risk Rating	Controls in Place
RNSW001	Heatwave	Affecting most regions of the UK for between 5 - 10 days with maximum temperatures in excess of 30 degrees C with high night time temperatures.				DoH Heatwave Plan and associated guidance Met Office "Heat-Health Watch" forecasting service

**Area Affected:** 9. Regional / National

**Hazard / Threat Category:** 5. Human health

Risk Ref.	Hazard / Threat Sub category	Description	Likelihood	Impact	Risk Rating	Controls in Place
RNHH002	Influenza Pandemic	1. Influenza pandemic (UK wide) 2. Estimation of 25% of population affected with possible high death rate				DoH pandemic contingency plan and supporting advice

**Area Affected:** 9. Regional / National

**Hazard / Threat Category:** 12. Industrial action

Risk Ref.	Hazard / Threat Sub category	Description	Likelihood	Impact	Risk Rating	Controls in Place
RNIA001	Emergency Services:	Loss of emergency fire cover due				ODPM contingency

Loss of Fire Cover

to (National) industrial action.

arrangements for Armed Services to provide limited cover

**Area Affected:** 9. Regional / National  
**Hazard / Threat Category:** 14. Technical failure

Risk Ref.	Hazard / Threat Sub category	Description	Likelihood	Impact	Risk Rating	Controls in Place
RNTF001	Utilities: Telecommunication Infrastructure - Human Error	Loss of telecommunications across a UK region for up to 5 days.	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div></div>	Business continuity plans.

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