

# The Greater Manchester Community Risk Register 2008



[www.gmep.org.uk/ccm/navigation/greater-manchester-resilience-website/risk-assessment](http://www.gmep.org.uk/ccm/navigation/greater-manchester-resilience-website/risk-assessment)

## *The Purpose of the Register*

The Greater Manchester Community Risk Register has been created for two primary reasons. Firstly, to reassure the people and communities of Greater Manchester that an assessment of potential hazards and threats has been made or considered. Secondly, to satisfy the requirement outlined in the Civil Contingencies Act 2004 (CCA) and its associated Statutory Guidance (Emergency Preparedness) all of which can be accessed through the UK Resilience website on <http://www.ukresilience.info/home.htm>.

These statutory requirements have been placed on all Category 1 Responders (Category 1 Responders as specified in CCA) throughout the UK and the Greater Manchester Resilience Forum gave direction to have in place this register by the specified date of 15th November 2005, and review annually thereafter.

## *Our Community*

An overview of the Greater Manchester area can be found in the Greater Manchester 2006/7 Profile document published in association with the Community Risk Register.

## *Assessment Methodology and Considerations*

In column ii. of the register below are the areas of potential risk the Greater Manchester Resilience Forum have considered. Using historical evidence and other sources of data, an assessment of the **likelihood** of an event occurring in these areas over the **next five years** has been given a score of 1 - 5; 1 being the lowest, negligible and 5 being highest, probable. Secondly, the **impact** of an event occurring in the areas was mapped against the impact on **Health, Social, Economic and Environmental** aspects of our community. The scoring values are 1 - 5; 1 being the lowest, insignificant, and 5 being the highest, catastrophic (the **risk assessment matrix** can be found at the end of this register). Thirdly, the **Risk Rating** expressed in column vi.

The Risk assessments only cover non-malicious events (i.e. hazards) rather than threats (i.e. terrorist incidents). This does not mean that we are not considering threats within our risk assessment work, however, given the sensitivity of the information supporting these risk assessments and the potential for use by adversaries, specific details will not be made available via the [greatermanchesterresilience.org.uk](http://greatermanchesterresilience.org.uk) website. A number of the outcome descriptions are paraphrased from the 2006 Local Risk Assessment Guidance.

Risk Assessment is not a static process and is subject to constant review. The information contained on this website will, as a result, be regularly updated.

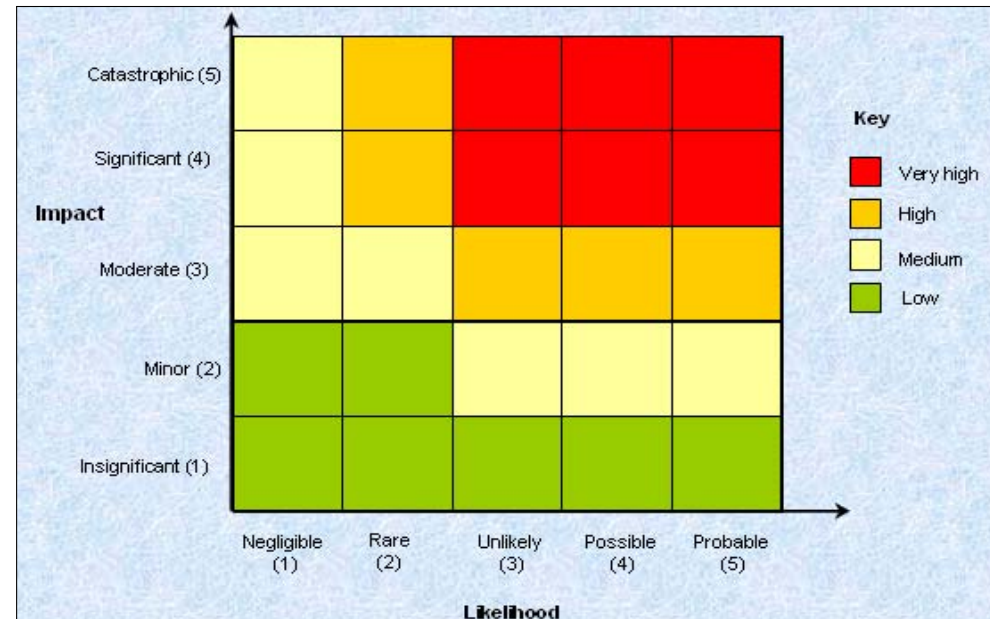
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### Glossary of terms

BSE	Bovine Spongiform Encephalopathy
BTP	British Transport Police
CCA	Civil Contingencies Act
CHEMET	Gas Plume prediction from the MET Office
COMAH	Control of Major Accidental Hazards
CSIA	Central Sponsor for Information Assurance
DEFRA	Department for Fisheries and Rural Affairs
Dept	Department
DfT	Department for Transport
FMD	Foot Mouth Disease
FSA	Food Standards Agency
GMFRS	Greater Manchester Fire & Rescue Services
GMHPU	Greater Manchester Health Protection Unit
GMP	Greater Manchester Police
GP	General Practitioner
HPAI	Highly Pathogenic Avian Influenza
HSE	Health and Safety Executive
LA	Local Authority
LNG	Liquid Natural Gas
LPG	Liquid Petroleum Gas
MBC	Metropolitan Borough Council
Met Office	Metrological
NWAS	North West Ambulance Service
NG	Natural Gas
NHS	National Health Service
PSR	Pipeline Safety Regulations
SARS	Severe Acute Respiratory Syndrome
UU	United Utilities

Matrix displaying Likelihood Scoring Mechanism

Level	Descriptor	Likelihood over 5 years	Likelihood over 5 years
1	<b>Negligible</b>	> 0.005%	1 in 20,000 chance
2	<b>Rare</b>	> 0.05%	1 in 2,000 chance
3	<b>Unlikely</b>	> 0.5%	1 in 200 chance
4	<b>Possible</b>	> 5%	1 in 20 chance
5	<b>Probable</b>	> 50%	1 in 2 chance



The Emergency Preparedness Guidance refers to the allocation of a 'risk priority' in your local risk assessment process and that risk priority is shown on a scale of 1 - 5 with 1 as the lowest risk priority and 5 as the highest risk priority.

**PRIORITY RATING SCORE FOR RISK TREATMENT (column viii. below)**

- 1** - No risk treatment required currently but subject to ongoing risk assessment and periodic review.
- 2** - Limited risk treatment may be required. Monitor adequacy of existing generic emergency planning arrangements.
- 3** - Some additional work may be required to render the risk manageable within generic emergency plans. Need for generic awareness raising for all Category 1 & 2 responders.
- 4** - Further actions required; this may include preparation of specific emergency plans or integration into existing protocols and training.
- 5** - High priority for action and preparation of specific emergency plans. Examine possibility of measures to reduce the overall level of risk.

Quick Ref. No	Risk Ref. GM	Hazard or Threat Category and Hazard or Threat sub-Category	Outcome Description	Likelihood	Impact	Risk Rating	Controls currently in place	Priority Rating Score. See Pg 4	Local Lead Agency
<b>HAZARDS</b>									
		<b>INDUSTRIAL ACCIDENTS AND ENVIRONMENTAL POLLUTION</b>							
1	Gm/H1	Fire or explosion at a gas LPG or LNG terminal (or associated onshore feedstock pipeline) or flammable gas storage sites.	Up to 3km around site causing up to 500 fatalities and up to 1500 casualties. Gas terminal event likely to be of short duration once feed lines are isolated; event at a storage site could last for days if the explosion damaged control equipment.	2	5	10 medium	PSR Emergency Plan, COMAH Off-site Emergency Plan, Town & City Centre Evacuation Plans, Trafford MBC Emergency Plan, North West Mutual Aid Protocol, On-site MIPs, Emergency Services Major Incident Plans, Greater Manchester Agencies Major Emergencies Guidelines, NHS Primary Care/Acute Trusts MIPs, Arrangements for Warning and Informing the Public, GM Recovery Guidance, Humanitarian Assistance Centre, NW Mutual Aid, Greater Manchester Multi Agency Mass Fatalities Plan, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	1	Local Authority
2	Gm/HL1	Fire or explosion at a gas terminal involving a gas pipeline.	Up to 3Km around the site, causing up to 10 fatalities and up to 100 casualties.	3	1	3 medium	PSR Emergency Plan, COMAH Off-site Emergency Plan, Town & City Centre Evacuation Plans, Local Authority Generic Emergency Plan, North West Mutual Aid Protocol, On-site MIPs, Emergency Services Major Incident Plans, Greater Manchester Agencies Major Emergencies Guidelines NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	1	Local Authority
3	Gm/HL25	Fire or explosion at a gas terminal as well as well as LPG, LNG and other gas onshore feedstock pipeline and flammable gas storage sites.	Up to 1km around the site, causing up to 50 fatalities and 150 casualties.	1	5	5 medium	PSR Emergency Plan, COMAH Off-site Emergency Plan, Town & City Centre Evacuation Plans, Trafford MBC Emergency Plan, North West Mutual Aid Protocols, On-site MIPs, Emergency Services Major Incident Plans, Greater Manchester Agencies Major Emergencies Guidelines, NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	1	Local Authority
4	Gm/H2	Fire or explosion at an onshore ethylene gas pipeline.	Up to 3km around site causing up to 500 fatalities and 1500 casualties.	1	5	5 medium	PSR Emergency Plan, Trafford MBC Emergency Plan, Greater Manchester Agencies Major Emergencies Guidelines, Town & City Centre Evacuation Plans, North West Mutual Aid Protocols, NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	1	Local Authority
5	Gm/HL26	Localised fire or explosion at an onshore ethylene gas pipeline.	Up to 1km around the site, causing up to 150 fatalities and 450 casualties.	1	4	4 medium	PSR Emergency Plan, Town & City Centre Evacuation Plans, Trafford MBC Emergency Plan, Greater Manchester Agencies Major Emergencies Guidelines, North West Mutual Aid Protocols, On-site MIPs, Emergency Services Major Incident Plans, NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	1	Local Authority

Quick Ref. No	Risk Ref. GM	Hazard or Threat Category and Hazard or Threat sub-Category	Outcome Description	Likelihood	Impact	Risk Rating	Controls currently in place	Priority Rating Score. See Pg 4	Local Lead Agency
6	Gm/HL7	Industrial explosion and major fires.	Up to 1km around site causing up to 20 casualties some of amore serious nature. Explosions would cause primarily crush/cuts & bruises type injuries, as well as burns.	2	3	6 medium	LA Emergency Plans, On-site MIPs, Individual Emergency Services Major Incident Plans, Greater Manchester Agencies Major Emergencies Guidelines, National Arrangements in Support Incidents Involving Chemicals, CHEMET, NHS Primary Care/Acute Trusts MIPs, FireMet, Chemet, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, Greater Manchester Multi Agency Mass Fatalities Plan, GM Major Emergencise Media Plan.	2	Local Authority
7	Gm/H4	Fire or explosion at a fuel distribution site or a site storing flammable and/or toxic liquids in atmospheric pressure storage tanks.	Up to 3km around site causing up to 150 fatalities and up to 2000 casualties.	2	4	8 high	COMAH Off-site Emergency Plan, Greater Manchester Agencies Major Emergencies Guidelines, LA Emergency Plan, Town & City Centre Evacuation Plans, North West Mutual Aid Protocols, On-site MIPs, Individual Emergency Services Major Incident Plans, Pipeline Emergency Response Plan, NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	1	Local Authority
8	GmHL28	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.	2	2	4 low	COMAH Off-site Emergency Plan, Greater Manchester Agencies Major Emergencies Guidelines, Town & City Centre Evacuation Plans, Trafford MBC and Salford City Council Generic Emergency Plan, North West Mutual Aid Protocols, On-site MIPs, Emergency Services Major Incident Plans, NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	1	Local Authority
9	Gm/H5	Fire or explosion at an onshore fuel pipeline.	Up to 1km around site causing up to 100 fatalities and up to 500 casualties.	1	5	5 medium	LA Emergency Plan, On-site MIPs, Greater Manchester Agencies Major Emergencies Guidelines, Individual Emergency Services Major Incident Plans, Town & City Centre Evacuation Plans, Pipeline Emergency Response Plan, NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	1	Local Authority
10	Gm/H7	Explosion at a high pressure natural gas pipeline.	Local to site causing up to 200 fatalities and up to 200 causalities.	1	3	3 medium	UKD National Grid Contingency Plans, PSR Emergency Plan, COMAH Off-site Emergency Plan, Greater Manchester Agencies Major Emergencies Guidelines, Town & City Centre Evacuation Plans, Local Authorities Emergency Plans, Individual Emergency Services Major Incident Plans, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	1	Local Authority
11	GmHL30	Localised explosion at a natural gas pipeline.	Causing up to 100 fatalities and up to 100 casualties.	1	3	3 medium	UKD National Grid Contingency Plans, PSR Emergency Plan, COMAH Off-site Emergency Plan, Town & City Centre Evacuation Plans, Local Authorities Emergency Plans, Greater Manchester Agencies Major Emergencies Guidelines, Individual Emergency Services Major Incident Plans, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	1	Local Authority

Quick Ref. No	Risk Ref. GM	Hazard or Threat Category and Hazard or Threat sub-Category	Outcome Description	Likelihood	Impact	Risk Rating	Controls currently in place	Priority Rating Score. See Pg 4	Local Lead Agency
12	Gm/H8	Very large toxic chemical release.	Up to 10km from site causing up to 2,000 fatalities and 10,000 casualties. Toxic release could be due to loss of containment of chlorine – or of a number of other chemicals, e.g. anhydrous hydrofluoric acid, refrigerated ammonia, sulphur di-oxide (or tri-oxide) gas.	2	4	8 high	LA Emergency Plans, Town & City Centre Evacuation Plans, North West Mutual Aid Protocols, On-site MIPs, COMAH Off-site Emergency Plans, Individual Emergency Services Major Incident Plans, Greater Manchester Agencies Major Emergencies Guidelines, National Arrangements in Support Incidents Involving Chemicals, CHEMET, NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	4	Local Authority
13	Gm/H9	Large toxic chemical release.	Up to 3km from site causing up to 50 fatalities and up to 2,000 casualties.	3	4	12 high	LA Emergency Plans, Town & City Centre Evacuation Plans, North West Mutual Aid Protocols, On-site MIPs, COMAH Off-site Emergency Plans, Individual Emergency Services Major Incident Plans, Greater Manchester Agencies Major Emergencies Guidelines, National arrangements in Support Incidents Involving Chemicals, CHEMET, NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	4	Local Authority
14	Gm/HL2	Localised Industrial accident involving large toxic release (e.g. from a site storing large quantities of chlorine).	Up to 3km from site causing up to 30 fatalities and up to 250 casualties.	3	4	12 very high	LA Emergency Plans, Town & City Centre Evacuation Plans, On-site MIPs, Individual Emergency Services Major Incident Plans, Greater Manchester Agencies Major Emergencies Guidelines, National arrangements in Support Incidents Involving Chemicals, CHEMET, NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	4	Local Authority
15	Gm/HL3	Localised industrial accident involving small toxic release.	Up to 1km from site causing up to 10 fatalities and up to 100 casualties.	3	4	12 very high	LA Emergency Plans, Town & City Centre Evacuation Plans, On-site MIPs, Individual Emergency Services Major Incident Plans, Greater Manchester Agencies Major Emergencies Guidelines, National Arrangements in Support Incidents Involving Chemicals, CHEMET, NHS Primary Care/Acute Trusts MIPs, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, Greater Manchester Multi Agency Mass Fatalities Plan, GM Major Emergencise Media Plan.	4	Local Authority
16	Gm/HL1	Accidental release of radioactive material from incorrectly handled or disposed of sources.	Up to 5 fatalities and 100 contaminated people requiring medical monitoring. Many worried people may present at hospitals. Radiation may be spread over several km but most concentration where source is opened.	1	3	3 medium	LA Emergency Plans, Greater Manchester REPPiR Emergency Plan, National Arrangements for Incidents Involving Radiation, Individual Emergency Services Major Incident Plans, Greater Manchester Agencies Major Emergencies Guidelines. Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	4	Local Authority
17	Gm/HL2	Biological substance release from facility where pathogens are handled deliberately (e.g. Pathogen release from containment laboratory).	Up to 10 fatalities and serious injuries or offsite impact requiring up to 1000 casualties.	2	3	6 medium	North West Mutual Aid Protocols, Individual Emergency Services Major Incident Plans, NHS Primary Care/Acute Trusts MIPs, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	4	GMHPU

Quick Ref. No	Risk Ref. GM	Hazard or Threat Category and Hazard or Threat sub-Category	Outcome Description	Likelihood	Impact	Risk Rating	Controls currently in place	Priority Rating Score. See Pg 4	Local Lead Agency
18	Gm/H46	Biological substance release during an unrelated work activity or industrial process (e.g. Legionella release due to improperly maintained building environmental control systems).	Up to 10 fatalities and serious injuries or offsite impact requiring up to 1000 casualties.	5	3	15 high	North West Mutual Aid Protocols, Individual Emergency Services Major Incident Plans, NHS Primary Care/Acute Trusts MIPs, Arrangements for Warning and Informing the Public, Water Safety Plans, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	3	GMHPU
19	Gm/HL4	Major contamination incident with widespread implications for the food chain arising from: (1) Industrial accident (chemical, microbiological, nuclear) affecting food production areas. E.g. Chernobyl, Sea Empress Oil Spill, animal disease. (2) Contamination of animal feed. E.g. Dioxins, BSE. (3) Incidents arising from production processes e.g. adulteration of chilli powder with Sudan 1 dye.	Food production/marketing implications depending on scale and area affected e.g. major shellfisheries, dairy, livestock production areas. Potential direct animal and consumer health effects. Consumer confidence affected leading to lost market and where staple products (e.g. bread or milk) are affected, potential panic buying.	4 for 1,2& 3	3	12 high	FSA Incident Response Plan, Greater Manchester Media Plan, Greater Manchester Recovery Plan, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	1	Local Authority
20	Gm/HL4	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 quality, major damage to aquatic ecosystems, closure of potable abstraction point(s), major impact on amenity (i.e. tourism) value, serious impact on human health.	5	3	15 high	Environment Agency MIPs, Environment Agency/Multi Agency Response Plan, LA Emergency Plans, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	3	Local Authority
21	Gm/HL5	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 (i.e. tourism) value and major damage to agriculture/commerce, serious impact on human health.	5	3	15 high	COMAH Regulations, Oil Storage Regulations, Transport Regulations, HSE Regulations, Integrated Pollution Prevention and Control Regulations, Pollution Prevention Control Act, Greater Manchester Recovery/Site Clearance Plan, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	3	Local Authority
22	GmHL33	Forest or moorland fire.	Forest or moorland fire across up to 50 hectares. Evacuation of up to 100 residential homes required. Up to 5 fatalities and 20 casualties.	1	2	2 low	National Fire Operations Group Procedures, Local Authority Generic Emergency Plan, Greater Manchester Agencies Major Emergencies Guidelines, NHS Primary Care/Acute Trusts MIPs, Humanitarian Assistance Centres, arrangements for Warning and Informing the Public, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	2	GMFRS
<b>TRANSPORT ACCIDENTS</b>									
23	Gm/HL8	Fire, flooding, stranding or collision involving a passenger vessel in or close to UK waters or on inland waterways leading to the ships evacuation.	Up to 50 fatalities and up to 300 casualties.	1	3	3 medium	NHS Primary Care/Acute Trusts MIP, Individual Emergency Services Major Incident Plans, Greater Manchester Agencies Major Emergencies Guidelines, GM Mass Fatalities Plan, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	2	Local Authority

Quick Ref. No	Risk Ref. GM	Hazard or Threat Category and Hazard or Threat sub-Category	Outcome Description	Likelihood	Impact	Risk Rating	Controls currently in place	Priority Rating Score. See Pg 4	Local Lead Agency
24	GM/HL37	Release of significant quantities of hazardous chemicals/materials as a result of major shipping accident.	Up to 50 fatalities and up to 250 casualties. Significant environmental/ecological damage.	1	4	4 medium	NHS Primary Care/Acute Trusts MIP, Individual Emergency Services Major Incident Plans, Manchester Ship Canal Emergency Plan, Greater Manchester Agencies Major Emergencies Guidelines, GM Mass Fatalities Plan, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, CheMet, GM Major Emergencise Media Plan.	2	Local Authority
25	Gm/HL16	Aviation accident over a semi-urban area.	Loss of upto 2 aircraft and passengers with debris over a semi-urban area. Up to 600 fatalities and up to 300 casualties.	1	5	5 medium	LA Emergency Plans, Town & City Centre Evacuation Plans, Individual Emergency Services Major Incident Plans, Greater Manchester Agencies Major Emergencies Guidelines, Manchester Airport Emergencies Orders, National arrangements in Support of Incidents Involving Air Accidents, NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	1	Local Authority
26	Gm/HL9	Aviation accident.	Causing up to 50 fatalities and up to 250 casualties.	1	4	4 medium	LA Emergency Plans, Individual Emergency Services Major Incident Plans, Greater Manchester Agencies Major Emergencies Guidelines, Manchester Airport Emergencies Orders, National arrangements in support of incidents involving Air Accidents . NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	1	Local Authority
27	Gm/HL10	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); closure of lanes or carriageways causing major disruption and delays.	4	3	12 high	Highways Agency Regional Contingency Plan, LA Emergency Plans, Individual Emergency Services Major Incident Plans, Greater Manchester Agencies Major Emergencies Guidelines, NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	1	Local Authority
28	Gm/HL11	Railway accident.	Up to 30 fatalities and up to 100 casualties (fractures, internal injuries – burns less likely). Possible loss of freight. Major disruption to rail line including possible closure of rail tunnel.	1	4	4 medium	LA Emergency Plans, Individual Emergency Services Major Incident Plans, Greater Manchester Agencies Major Emergencies Guidelines, National arrangements in support of incidents involving Railway Accidents, NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	1	BTP
29	Gm/HL12	Local accident involving transport of hazardous chemicals.	Up to 50 fatalities and up to 500 casualties (direct injuries from the accident would be similar to road or rail accidents; indirect casualties are possible, if substance covers wide area). The extent of the impact would depend on substance involved, quantity, nature and location of accident. The assumption is based on phosgene/chlorine.	1	3	3 medium	LA Emergency Plans, Town & City Centre Evacuation Plans, Individual Emergency Services Major Incident Plans, Greater Manchester Agencies Major Emergencies Guidelines, National arrangements in Support Incidents Involving Chemicals, NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	4	Local Authority
30	Gm/HL13	Maritime accident or deliberate blockade resulting in blockage of access to key port, estuary, maritime route for more than one month.	Loss of port is likely to have an initial wider impact, but will quickly reduce as shippers seek alternative ports or methods of shipping. Economic impact on local dependant businesses.	1	3	3 medium	LA Emergency Plans, Individual Emergency Services MIPs, The Manchester Ship Canal Port Emergency Plan, NHS Primary Care/Acute Trusts MIPs, GM Major Emergencise Media Plan.	1	Local Authority

Quick Ref. No	Risk Ref. GM	Hazard or Threat Category and Hazard or Threat sub-Category	Outcome Description	Likelihood	Impact	Risk Rating	Controls currently in place	Priority Rating Score. See Pg 4	Local Lead Agency
31	Gm/HL14	Local (road) accident involving transport of fuel/explosives.	Up to 30 fatalities and up to 20 casualties within vicinity of accident/explosion. Area would require evacuating up to 1km radius depending on substances involved. Potential release of up to 30 tonnes of liquid fuel into local environment, watercourses etc. Large quantities of fire fighting media (foam) would impact on environment. Roads and access routes impassable for a time. Emergency access into/out of large populated areas difficult or impossible.	1	3	3 medium	LA Emergency Plans, Town & City Centre evacuation plans, Individual Emergency Services Major Incident Plans, Greater Manchester Agencies Major Emergencies Guidelines, National arrangements in Support Incidents Involving Chemicals/Explosives, Highways Agency Regional Contingency Plan, NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	1	Local Authority
<b>SEVERE WEATHER</b>									
32	Gm/H17	Storms and 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. Consequent damage to infrastructure (e.g. telecommunications, power, transport)	2	3	6 medium	LA Emergency plans, Flood Plans, MET Office National Severe Weather Warnings Service, Arrangements for Warning & Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	2	Local Authority
33	Gm/H18	Low temperatures and heavy snow.	Snow falling and lying over most of the area for at least one week.	4	3	12 high	LA Emergency Plans, Site Specific Snow Plans, Flood Plans, MET Office National Severe Weather Warning Service, Arrangements for Warning & Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	2	Local Authority
34	Gm/H48	Heat wave.	Daily maximum temperatures in excess of 32 degrees C and minimum temperatures in excess of 15 degrees C over most of the UK for at least 5 consecutive days and nights.	2	3	6 medium	Heat Wave Plans from Department of Health, LA Emergency Plans, Met Office Heat Health Watch, Arrangements for Warning & Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	1	Local Authority
35	GM/HL100	Severe Weather / Drought.	Local, regional and national concerns over the possible increased drought risk via climate change leading serious effects on water supplies and an adverse effects on the environment.	2	3	6 medium	United Utilities MIPs, LA Emergency Plans, Individual Emergency Services' Major Incident Plans, Local Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan, UU Draft Contingency Plan, Env Agy NW Regional Drought Plan, Env Agy South Area Response Plan.	3	Env Agy
36	Gm/H21	Flooding: Major fluvial flooding affecting more than two UK regions. (This is the national picture to provide context or local risk assessment).	A single massive fluvial event or multiple concurrent regional events following a sustained period of heavy rainfall extending over two weeks, (perhaps combined with snow melt). The event would include major fluvial flooding affecting a large, single urban area. Closure of primary transport routes. Some infrastructure collapse. Sediment movement and contamination of water supplies. Loss of essential services (gas, electricity & telecoms) to 0.2m homes for up to 14 days. Up to 5000 people needing assistance with sheltering for up to 12 months. Significant economic damage. Urban area dimension: Flooding of up to 40,000 properties for up to 7 days. Up to 50 fatalities and 500 casualties. Up to 100,000 people evacuated. Up to 2000 people in need of rescue. Rural area dimension: Flooding of up to 10,000 properties for up to 2 days. Up to 20 fatalities and 300 casualties. Up to 50,000 people in rural villages and towns evacuated. People stranded over a large area and up to 2,500 in need of rescue. (These figures are unconfirmed until the completion of reviews post the summer events).	3	3	9 high	North West Mutual Aid Protocols, LA Emergency Plans, Individual Emergency Services' Major Incident Plans, Greater Manchester Agencies Major Emergencies Guidelines , National Arrangements in Support of Incidents Involving Flooding, Environment Agencies Multi Agency Response Plan for Flooding in Greater Manchester, NHS Primary Care/Acute Trusts MIPs, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, Greater Manchester Multi Agency Mass Fatalities Plan, GM Major Emergencise Media Plan.	4	Local Authority

Quick Ref. No	Risk Ref. GM	Hazard or Threat Category and Hazard or Threat sub-Category	Outcome Description	Likelihood	Impact	Risk Rating	Controls currently in place	Priority Rating Score. See Pg 4	Local Lead Agency
37	Gm/HL18	Local/urban flooding (fluvial or surface run-off).	A sustained period of heavy rainfall extending over two weeks, perhaps combined with snow melt, resulting in flash flooding and steadily rising river levels across entire counties and could threaten a large urban town. Localised flooding of 1,000 to 10,000 properties for 2-7 days. Up to 15 fatalities and 150 casualties. Up to 15,000 people evacuated. Up to 500 people stranded over a large area in need of rescue. There would be major impact on minor roads and rail links making them impassable for up to 5 days. Impact on infrastructure includes: some buildings collapse, water damage, road and bridge damage. Sediment movement and containment of water supplies. Loss of essential services (gas, electricity, and telecoms) to 20,000 homes for up to 14 days. Widespread disruption for 7 -14 days, significant debris and pollutants from affected businesses. Up to 1,000 people needing assistance with sheltering for up to 12 months. Rural impacts include: widespread livestock carcasses, waterborne disease. Sewage treatment works flooded. Up to 50 properties destroyed and many more uninhabitable. Up to 2,000 people	3	4	12 very high	North West Mutual Aid Protocols, LA Emergency Plans, Individual Emergency Services' Major Incident Plans, Greater Manchester Agencies Major Emergencies Guidelines, National Arrangements in Support of Incidents Involving Flooding, Environment Agencies Multi Agency Response Plan for Flooding in Greater Manchester, NHS Primary Care/Acute Trusts MIPs, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, Greater Manchester Multi Agency Mass Fatalities Plan, GM Major Emergencise Media Plan.	4	Local Authority
38	Gm/HL19	Local fluvial flooding.	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. Up to 200 people stranded over a large area in need of rescue. There would be some impact on minor roads and some A roads and trunk roads impassable for a time. Some main rail lines may need to be closed for a week (for repairs etc). Most water ways would be closed to traffic because of strong currents and high water levels. Impact on infrastructure includes, water damaged, road and bridge damage. Sediment movement and contamination of local water supplies. Localised loss of essential services (gas, electricity, and telecoms) to 5,000 properties for up to 14 days. Up to 250 people needing assistance with sheltering for up to 12 months. Substantial disruption within a county for 7-14 days. Significant debris and pollutants clear up needed.	4	3	12 high	North West Mutual Aid Protocols, LA Emergency Plans, Individual Emergency Services' Major Incident Plans, Greater Manchester Agencies Major Emergencies Guidelines, National arrangements in Support of Incidents Involving Flooding, Environment Agencies Multi Agency Response Plan for Flooding in Greater Manchester, NHS Primary Care/Acute Trusts MIPs, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	4	Local Authority

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39	Gm/HL20	Localised extremely hazardous flash flooding	Heavy localised rainfall in steep valley catchments leading to extremely hazardous flash flooding (e.g. high velocities and depths). Likely that no flood defences in place. Probably no flood warning service available/or suddenness of event means timely flood warnings not possible. Flooding of up to 200 properties. (NB: the outcome is essentially the same as H44 - dam or reservoir failure).	3	3	9 high	North West Mutual Aid Protocols, LA Emergency Plans, Individual Emergency Services' Major Incident Plans, Greater Manchester Agencies Major Emergencies Guidelines, National Arrangements in Support of Incidents Involving Flooding, Environment Agencies Multi Agency Response Plan for Flooding in Greater Manchester, NHS Primary Care/Acute Trusts MIPs, Arrangements for Warning and Informing the Public, Extreme Rainfall Alert Notifications, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	5	Local Authority
<b>STRUCTURAL</b>									
40	Gm/HL21	Land movement (i.e. caused by tremors and landslides).	Roads and access routes impassable for a time. Emergency access into/out of large populated areas difficult or impossible: severe congestion over wide geographical area. Loss of power and other essential services over wide geographical area. Potential for a number of persons to be trapped or missing either in landslide itself and/or in collapsed structures. Up to 5 fatalities depending on the size and location of land movement.	1	3	3 medium	LA Emergency Plans, Town & City Centre Evacuation Plans, Individual Emergency Services Major Incident Plans, Greater Manchester Agencies Major Emergencies Guidelines, NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, USAR, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	2	Local Authority
41	Gm/HL22	Building collapse.	Potential for a number of persons to be trapped or missing. Localised loss of power and other essential services. Local access routes affected due to road closures. Up to 5 fatalities depending on the size and construction of building, and occupation rates.	1	3	3 medium	LA Emergency Plans, Town & City Centre evacuation plans, Individual Emergency Services Major Incident Plans, Greater Manchester Agencies Major Emergencies Guidelines, NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, USAR, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	1	Local Authority
42	Gm/HL23	Bridge collapse.	Roads, access routes and transport infrastructure impassable for considerable length of time. Severe congestion over wide geographical area. Emergency access into/out of large populated areas severely restricted. Potential for a number of persons to be trapped or missing.	1	3	3 medium	LA Emergency Plans, Individual Emergency Services MIP's, Highways Agency Regional Contingency Plans, Network Rail Emergency Procedures, NHS Primary Care/Acute Trusts MIPs, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	2	Local Authority
43	Gm/H44	Major reservoir dam failure/collapse.	Collapse without warning resulting in almost instantaneous flooding. Significant movement of debris (including vehicles) and sediment. Complete destruction of some residential and commercial properties and serious damage to up to 500 properties. Several thousand other properties could be flooded. Up to 200 fatalities and 1000 casualties. Up to 50 missing persons and people stranded. Hazardous recovery amongst collapsed infrastructure and debris. Water supply to homes and businesses lost. Up to 200 people need temporary accommodation for up to 2 -18 months.	1	5	5 medium	North West Mutual Aid Protocols, Greater Manchester Agencies Major Emergencies Guidelines, Environment Agency Local Flood warning plans, Environment Agency/Multi Agency Response Plans, LA Emergency Management Plans Town & City Centre Evacuation Plans, Individual Emergency Services Major Incident Plans NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	5	Local Authority

Quick Ref. No	Risk Ref. GM	Hazard or Threat Category and Hazard or Threat sub-Category	Outcome Description	Likelihood	Impact	Risk Rating	Controls currently in place	Priority Rating Score. See Pg 4	Local Lead Agency
		<b>HUMAN HEALTH</b>							
44	Gm/H22	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 (compared with a peak of around 200 per 100,000 population per week in an average year)	4	3	12 high	North West Mutual Aid Protocols, Greater Manchester Agencies Major Emergencies Guidelines, NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, The Greater Manchester Strategic Pandemic Flu Plan, Prisons Outbreak Plan, Local Authority Borough Level Outbreak Plan, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	4	GMHPU
45	Gm/H23	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 may last around 15 weeks. Up to half the population could be affected. High number of cases could overwhelm health and other critical services and adversely affect business and the economy. The advice is 'business as usual wherever practicable' and 'stay at home and phone the national flu line if you feel unwell'. All ages may be affected, but until the virus emerges we cannot know which groups will be most at risk.	4	5	20 very high	Department of Health UK Influenza Pandemic Contingency Plan, Health Protection Agency Influenza Pandemic Contingency Plan, North West Mutual Aid Protocols, Greater Manchester Agencies Major Emergencies Guidelines, The Greater Manchester Strategic Pandemic Flu Plan, NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, Primary Care Trust Plans, Local Authority Borough Pandemic Plan, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	5	GMHPU
46	Gm/H24	Emerging infectious diseases.	Based on a SARS outbreak resulting in upto 100 fatalities and 2000 casualties.	2	3	6 medium	National Arrangements in Support of Incidents of Infectious Outbreaks, Greater Manchester Agencies Major Emergencies Guidelines, North West Mutual Aid Protocols, NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, GM Major Emergencise Media Plan.	3	GMHPU
47	Gm/HL24	Localised Legionella/meningitis outbreak.	Localised outbreak of a disease which could cause up to 10 fatalities and up to 50 casualties.	3	2	6 medium	National Arrangements in Support of Incidents of Infectious Outbreaks, North West Mutual Aid Protocols, NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, Local Authority Borough Level Plans, Environmental Health Plans, Greater Manchester Protocol for Outbreaks, Humanitarian Assistance Centres, GM Major Emergencise Media Plan.	1	GMHPU
		<b>ANIMAL HEALTH</b>							
48	Gm/H25	Non-zoonotic notifiable animal diseases (e.g. FMD, Classical Swine Fever, Blue Tongue and Newcastle Disease of birds).	Slaughter of up to 2 million affected and exposed livestock plus the possibility of a significant number of animals culled for welfare reasons.	1	4	4 low	DEFRA national arrangements in support of incidents involving Animal Health, Arrangements for Warning and Informing the Public, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	1	Local Authority
49	Gm/H26	Zoonotic notifiable animal diseases (e.g. Highly Pathogenic Avian Influenza (HPAI), Rabies and West Nile Virus).	Culling of up to 30 million poultry.	1	5	5 low	DEFRA national arrangements in support of incidents involving Animal Health, Arrangements for Warning and Informing the Public, Greater Manchester Memorandum of Understanding and Incidents for Animal Diseases, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	1	Local Authority

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<b>INDUSTRIAL ACTION</b>									
50	Gm/HL42	Loss of cover due to industrial action by workers providing a service critical to the preservation of life (such as emergency service workers).	A number of three day strikes with significant support over a two month period affecting a single emergency service.	4	4	16 very high	National Capabilities and Local Business Continuity Plans. Local arrangements for Warning and Informing the Public, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	2	NWAS
51	Gm/H30	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 2 months, perhaps lasting upto 24 hours each.	4	4	16 very high	Although there are no measures currently in place this would depend on the issues being balloted for and accordingly there may be some limited capability provided by fire fighters and Officers who do not take industrial action. Work is currently ongoing at a national level to address the resilience issue within the service, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	4	GMFRS
52	Gm/H31	Significant or perceived 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 dependant on the location.	4	3	12 high	National Emergency Plan for Fuel, Local Business Continuity Plans. National and Local arrangements for Warning and Informing the Public, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	4	GMP
53	Gm/H33	Prison Officer strike	Prison Officer strike action, for up to 48 hours in 80% of prisons.	4	2	8 medium	Operation Terracotta, GM Major Emergencise Media Plan.	4	Local Authority
54	Gm/H35	Industrial action by key rail workers.	Strike action resulting in the total shut down of either London Underground or the rail network on a national scale (e.g. action by key rail workers, e.g. infrastructure workers such as signallers) for > 3 days. Greater impact if action occurs in a co-ordinated manner.	1	2	2 low	Rail Industry Contingency Plans, GM Major Emergencise Media Plan.	1	BTP
<b>INTERNATIONAL EVENTS</b>									
55	Gm/H37	International security incident resulting in influx of British Nationals.	Upto 50,000 British Nationals returning to UK within a 4-6 week period following serious regional conflict, a sustained terrorism campaign against UK and other Western nationals, or an uncontrolled outbreak of pandemic flu.	3	3	9 medium	Control measures to prevent international incidents occurring are beyond the scope of the GMLRF. Every LRF should play its part in assisting people caught up in an international incidents. Manchester Airport PLC Emergency Orders document would need to be activated. Greater Manchester Local Authorities Joint response Plan. Support through the Cabinet Office, Home Office, Foreign and Commonwealth Office, Refugee Council. HPA and Port Health Authority would assist with medical support, Humanitarian Assistance Centres, GM Major Emergencise Media Plan.	4	Local Authority
56	Gm/HL43	International security or pandemic health situation resulting in influx of British Nationals	Within the figure of H37 up to 10,000 British Nationals deciding to return to the UK to a single region within a 4- 6 week period following a serious regional conflict, a sustained terrorism campaign against UK and other Western nationals or an uncontrolled outbreak of pandemic flu.	4	2	8 medium	Department of Health UK Influenza Pandemic Contingency Plan, Health Protection Agency Influenza Pandemic Contingency Plan, North West Mutual Aid Protocols, Greater Manchester Agencies Major Emergencies Guidelines, The Greater Manchester Strategic Pandemic Flu Plan, NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, GM Major Emergencise Media Plan.	4	Local Authority

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		<b>INDUSTRIAL TECHNICAL FAILURE</b>							
57	Gm/H39	Failure of water infrastructure of accidental contamination with a non-toxic containment.	Loss or non availability for drinking of the piped water supply for upto 50,000 people for more than 24 hours and upto 3 days.	3	2	6 medium	North West Mutual Aid Protocols, Greater Manchester Agencies Major Emergencies Guidelines, United Utilities Plans for the Provision of Essential Water & Sewerage Services. Local arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	2	Local Authority
58	Gm/H49	Loss of drinking water supplies due to a major accident affecting infrastructure.	Loss of on non availability for drinking of the piped water supply for a population of up to 200,000 for more than 24 hours and up to one week.	1	4	4 medium	DEFRA 2003 Security & Emergency Measures Direction, Business Continuity Guidelines Plans for Maintenance of Water & Sewerage to Hospitals, DEFRA Waste Water & Incident Management Plan, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	4	Local Authority
59	Gm/H40	No notice loss of significant telecommunications infrastructure in a localised fire, flood or gas incident.	Loss of telecommunications for up to 100,000 people for up to 72 hours.	5	2	10 medium	National and Local Business Continuity Plans, BT Plan, Local Authority Generic Emergency Plans, Local arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	4	Local Authority
60	Gm/H41	Technical failure of electricity network (Blackstart).	Partial or total blackout for up to 3 days. Destabilisation of the National Grid. Possible loss of life support machines, civil unrest, no alarms, street lighting etc. Back up generators for a limited time in some instances.	2	3	6 medium	National and Local Business Continuity Plans, Local Authority Generic Emergency Plans. Local arrangements for Warning and Informing the Public, North West Generic response Plan, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	4	Local Authority
61	Gm/H43	Telecommunication infrastructure – human error.	Widespread loss of telecommunications (including public land line and mobile networks) at a region level for up to 5 days.	3	2	6 medium	National and Local Business Continuity Plans, Local Authority Generic Emergency Plans. Local arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	4	Local Authority
62	Gm/H45	Technical failure of electricity network.	Total shutdown of the electricity supply over an entire region (or Devolved Administration), occurring during the working week and lasting for 24 hours.	3	3	9 high	National and Local Business Continuity Plans, Local Authority Generic Emergency Plans. Local arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	4	Local Authority
		<b>GREATER MANCHESTER MASS GATHERINGS</b>							
63	Gm/HL101	Business or commerce (city centre/large shopping facilities).	Up to 25 fatalities and up to 100 casualties requiring medical treatment.	2	2	4 low	Site specific MIPs, LA Emergency Plans, Greater Manchester Agencies Major Emergencies Guidelines, Town & City Centre Evacuation Plans, Individual Emergency Services' Major Incident Plans, , NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Local arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	1	Local Authority

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64	Gm/HL102	Festivals, sporting and leisure.	Up to 25 fatalities and up to 100 casualties requiring medical treatment.	2	3	6 medium	Site specific MIPs, LA Emergency Plans, Town & City Centre Evacuation Plans, Individual Emergency Services' Major Incident Plans, Greater Manchester Agencies Major Emergencies Guidelines, NHS Primary Care/Acute Trusts MIPs, GM Mass Fatalities Plan, Local arrangements for Warning and Informing the Public, Humanitarian Assistance Centres, Recovery and Site Clearance Plans, GM Major Emergencise Media Plan.	1	Local Authority