Planning for Emergencies

MERSEYSIDE RESILIENCE FORUM

Merseyside Community Risk Register

2020

INTRODUCTION

What is the Community Risk Register?

The Community Risk Register (CRR) has been compiled by the Merseyside Resilience Forum (MRF) to identify potential risks that may affect the communities of Merseyside. The MRF is a collaboration of multi-agency services / partners working together to prepare for emergencies on Merseyside, including:

British Transport Police (BTP)	Cadent
Clinical Commissioning Groups	Environment Agency (EA)
Health & Safety Executive (HSE)	Highways England
Knowsley Metropolitan Borough Council	Liverpool City Council
Liverpool John Lennon Airport	Maritime and Coastguard Agency (MCA)
Merseyside Fire & Rescue Service (MFRS)	Merseyside Police
Merseytravel	Mersey Tunnels Police
NHS England	National Grid Plc
North West Ambulance Service (NWAS)	Port of Liverpool Police
Public Health England	Sefton Metropolitan Borough Council
SP Energy Networks	St Helens Metropolitan Borough Council
Wirral Metropolitan Borough Council	United Utilities
Peel Ports	

The CRR provides the basis for the responder agencies to develop emergency plans and provides a guide for the preparedness work carried out by the MRF. The CRR is also intended to inform the public - individuals, families and businesses - on the range of potential disruptive events that these agencies have considered when making their plans, and to provide assurance that they are ready to deal with these emergencies to provide resilience for the communities that they serve.

How has the Community Risk Register Been Compiled?

The Government assesses hazards and threats that could affect the United Kingdom. These are published in the National Risk Register. It explains the likelihood of a risk occurring and, if it happens, the effects it may have.

Under the Civil Contingencies Act 2004 (CCA) all areas of the United Kingdom are required to establish a local resilience forum within the local Police Force area. The CCA places a legal duty on local emergency responders to carry out assessments on the risks to their area and publish them.

The register prioritises risks at a Merseyside level. It is a document that shows which risks have been identified to affect Merseyside. The likelihood of an event occurring has been assessed using historical evidence and projected occurrence data relating to the risk occurring over a 12 month period. The potential impact of such an emergency has been assessed with regard to welfare of the community, essential services, the local economy and local environment in accordance with national guidance.

The inclusion of these hazards does not mean that the Merseyside Resilience Forum (MRF) believes the risk will materialise, or that if it were to do so, it would be at that scale. The risk scenarios are considered to be reasonable worst case assumptions upon which our risk assessment is based. The likelihood and impact assessments have been used to develop a Risk Rating of Low, Medium, High or Very High. This is displayed on the Risk Matrix (page 8).

The risk matrix below shows non-malicious and certain malicious events. This does not mean that we are not considering all malicious threats within our risk assessment work, but 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 this document.

Lead Responsibility

For the purpose of clarity, the Lead Responsibility refers to the organisation responsible for compiling the specific entry into the CRR. This does not necessarily denote responsibility for enacting risk treatment or for lead response in case of an incident.

NOTE: Risks are assessed against the 2019 National Security Risk Assessment methodology. However, due to the review process adopted by the MRF, the risk rating for some risks is based on a previous methodology.

FURTHER INFORMATION

To view the National Risk Register of Civil Emergencies please visit the Government website via the link below:

National Risk Register for Civil Emergencies

To view the Cabinet Office Guidance for Emergency Preparedness and Emergency Response & Recovery please visit the Government website via the links below:

Emergency Preparedness

Emergency Response and Recovery

Further information is also available on the Merseyside Prepared website via the links below:

www.merseysideprepared.org.uk

If you have any further queries please contact:

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RISK INDEX

ACCIDENTS AND SYSTEM FAILURES	Lead Responsibility
Major Fire	Merseyside Fire & Rescue Service
Wildfires	Merseyside Fire & Rescue Service
Fire at Fuel Distribution Site	Merseyside Fire & Rescue Service
Fire at Gas Terminal	Merseyside Fire & Rescue Service
Pipeline Incident - Gas	Merseyside Fire & Rescue Service
Fire at Oil Refinery	Merseyside Fire & Rescue Service
Fire at Offshore Installation	Maritime & Coastguard Agency
Pipeline Incident - Ethylene	Merseyside Fire & Rescue Service
Pipeline Incident - Fuel	Merseyside Fire & Rescue Service
Biological Pathogen Release	Public Health England
Biological Substance Release	Public Health England
Chemical Release	Merseyside Fire & Rescue Service
Civil Nuclear Accident	Public Health England
Maritime Pollution	Maritime & Coastguard Agency
Road Accident – involving Hazardous Materials	Merseyside Fire & Rescue Service
Food Supply Contamination	Public Health England
Exposure to Radiation	Public Health England / NHS England
Aviation Incident	Liverpool John Lennon Airport (Fire)
Collapse of Government Contractor	NHS England
Collapse of Social Care Provider	Liverpool City Council
Reservoir / Dam Collapse	Environment Agency
Water Supply Failure	United Utilities
National Electricity Failure	SP Energy Networks
Regional Electricity Failure	SP Energy Networks
Gas Supply Failure	Merseyside Fire & Rescue Service
Telecommunications Failure	Merseyside Police
Retail Bank Failure	Liverpool City Council
Systemic Financial Crisis	Liverpool City Council

NATURAL HAZARDS	Lead Responsibility
Coastal Flooding	Environment Agency
River Flooding	Environment Agency
Surface Water Flooding	Liverpool City Council
Drought	United Utilities
Poor Air Quality	Public Health England
Volcanic Eruption	Liverpool John Lennon Airport (Fire)
Heatwave	Public Health England
Low Temperatures and Snow	Liverpool City Council
Space Weather	SP Energy Networks
Storms	St Helens MBC
Earthquake	Merseyside Fire & Rescue Service

HUMAN AND ANIMAL DISEASES	Lead Responsibility
Influenza Type Pandemic	Public Health England
Emerging Infectious Disease	Public Health England
Animal Disease	Knowsley MBC

SOCIETAL	Lead Responsibility
Industrial Action – Fire & Rescue	Merseyside Fire & Rescue Service
Industrial Action - Prison Officers	Merseyside Police
Industrial Action - Transport	British Transport Police
Industrial Action - Fuel	Merseyside Police
Collapse of Fuel Supplier	Merseyside Police
Public Disorder	Merseyside Police
Influx of British Nationals	Liverpool City Council

MALICIOUS	Lead Responsibility
Cyber - Transport	Merseytravel
Cyber - Health and Social Care System	NHS England
Cyber - Democratic Process	Liverpool City Council
Cyber - Crime Incident	Merseyside Police

LOCAL	Lead Responsibility
Pollution Washed Ashore	Sefton MBC
Unexploded Ordnance	Merseyside Police
Fire at Stadium	Merseyside Fire & Rescue Service
Tunnel Incident	Mersey Tunnels Police
Maritime Accident / Blockade	Port Police
Passenger Vessel Incident	Maritime & Coastguard Agency
Aviation Incident Offshore	Maritime & Coastguard Agency
Railway Accident	British Transport Police
Motorway Incident	Highways England
Building Collapse	Merseyside Fire & Rescue Service
Bridge Closure / Collapse	Wirral MBC
Groundwater Pollution	Environment Agency
Fire at Waste / Recycling Site	Merseyside Fire & Rescue Service
Shellfish Harvesting	Wirral MBC
Land Movement (i.e. caused by tremors or landslides)	Wirral MBC
Industrial Action – Emergency Services	North West Ambulance Service
Temporary Risks - Festivals / Sporting / Leisure Events	Event Organisers

RISK MATRIX

IMPACT

Fire at Oil Refinery Civil Nuclear Accident		National Electricity Failure	Influenza Type Pandemic	
Fire at Gas terminal Pipeline Incident - Ethylene Aviation Incident Reservoir / Dam Collapse Aviation Incident Offshore	Chemical Release Systemic Financial Crisis	Regional Electricity Failure Surface Water Flooding Low Temperatures and Snow Severe Space Weather	Cyber - Health and Social Care Food Supply Contamination Poor Air Quality Heatwave Emerging Infectious Disease	
Fire at Fuel Distribution Site Pipeline Incident - Gas Fire at Offshore Installation Pipeline Incident - Fuel Biological Pathogen Release Fire at Stadium Bridge Closure / Collapse Indus Action - Emer Services	Major Fire Maritime Pollution Road Accident - Hazmats Water Supply Failure Gas Supply Failure Drought Pollution Washed Ashore Passenger Vessel Incident Motorway Incident Building Collapse	Coastal Flooding River Flooding Railway Accident	Cyber - Crime Incident Collapse of Gov Contractor Collapse of Social Care Provider Volcanic Eruption Storms Public Disorder	Indus Action – Fire & Rescue Indus Action - Transport Groundwater Pollution Fire at Waste/Recycling Site
Maritime Accident/Blockade	Wildfires Exposure to Radiation Indus Action - Fuel Unexploded Ordnance Tunnel Incident Shellfish Harvesting Land Movement	Cyber - Democratic Process Telecommunications Failure Earthquake Animal Disease Collapse of Fuel Supplier	Cyber - Transport Retail Bank Failure Indus Action – Prison Officers Influx of British Nationals	Biological Substance Release

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