



Epping Forest District Council's Local Risk Register 2011/12

The Civil Contingencies Act 2004 requires Local Authorities to undertake assessments of the risks that appear within their area and to publish these in a Community Risk Register. The Government provides responders with a list of hazards and the risk of those hazards occurring are assessed within the context of the local area. The assessments produce a risk rating which is used to inform and prioritise local emergency planning work.

This document is an assessment of the risks faced within the Epping Forest District boundaries. The risk is assessed by multiplying the likelihood of an event occurring over a 5-year period, by the impact that the event could have if it were to occur. The register assesses risks as very high, high, medium and low. (The hazards that are greyed out are not found in the Epping Forest District).

For each hazard, the capability that Epping Forest District Council has in place to respond to and reduce the impact of the hazard has been identified. Similarly any further mitigation work that the Council needs to consider in the future has also been included.

Epping Forest District Council (EFDC) has also identified a priority rating in the risk register. This rating shows where EFDC can put more resources into mitigating and planning for the effects of certain risks and also assists in prioritising its Emergency Planning Work. Some risks show a high risk rating but a low priority rating for the Council. This will occur when the District Council does not have lead responsibility for the risk and so would respond to the emergency in a supporting role only.

Epping Forest District Council has no reason to believe that any of the events contained within this risk register will occur but by thinking about a worst case scenario, the Council can better focus its preparation and planning.

INDUSTRIAL ACCIDENTS & ENVIRONMENTAL POLLUTION												
Risk Ref.	Hazard or Threat Category	Hazard or Threat sub-category	Outcome description	Epping Forest District Council (EFDC) Capability Needed	Epping Forest District Council (EFDC) Controls in Place	Likelihood	Impact	Risk Rating	Additional Actions Required by Epping Forest District Council (EFDC)	EFDC Risk Priority	Lead Responsibility	Last Reviewed
IE1	Industrial & Environmental	Fire or explosion at a natural gas pipeline	Local to site causing up to 200 fatalities and up to 200 casualties	Support the emergency services; provide humanitarian assistance to those affected.	Hold a copy of Pipelines Plan; 'Humanitarian Assistance Plans, Procedures and Response Capability'; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan.	Negligible (1)	Significant (4)	Medium	Link into continued Essex Resilience Forum training and exercising.	GREEN	ECFRS	Aug 11
IE2	Industrial & Environmental	Fire or explosion at a natural gas pipeline	Local to site causing up to 50 fatalities and up to 100 casualties	Support the emergency services; provide humanitarian assistance to those affected.	Hold a copy of Pipelines Plan; 'Humanitarian Assistance Plans, Procedures and Response Capability'; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan.	Negligible (1)	Moderate (3)	Medium	Link into continued Essex Resilience Forum training and exercising.	GREEN	ECFRS	Aug 11
IE3	Industrial & Environmental	Fire or explosion at a natural gas pipeline	Local to site causing up to no fatalities and up to 10 casualties	Support the emergency services; provide humanitarian assistance to those affected.	Hold a copy of Pipelines Plan; 'Humanitarian Assistance Plans, Procedures and Response Capability'; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan.	Rare (2)	Minor (2)	Low	Link into continued Essex Resilience Forum training and exercising.	GREEN	ECFRS	Aug 11
IE19	Industrial & Environmental	Explosion at a high pressure natural gas pipeline	Local to site causing 200 fatalities and up to 200 casualties	Support the emergency services; provide humanitarian assistance to those affected.	Hold a copy of Pipelines Plan; 'Humanitarian Assistance Plans, Procedures and Response Capability'; Link to LRF Controls; EFDC Emergency Response Plan.	Negligible (1)	Significant (4)	Medium	Link into continued Essex Resilience Forum training and exercising.	GREEN	ECFRS	Aug 11
IE20	Industrial & Environmental	Localised explosion at a natural gas pipeline	Local to site causing 100 fatalities and up to 100 casualties	Support the emergency services; provide humanitarian assistance to those affected.	Hold a copy of Pipelines Plan; 'Humanitarian Assistance Plans, Procedures and Response Capability'; Link to LRF Controls; EFDC Emergency Response Plan.	Negligible (1)	Significant (4)	Medium	Link into continued Essex Resilience Forum training and exercising.	GREEN	ECFRS	Aug 11

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Risk Ref.	Hazard or Threat Category	Hazard or Threat sub-category	Outcome description	Epping Forest District Council (EFDC) Capability Needed	Epping Forest District Council (EFDC) Controls in Place	Likelihood	Impact	Risk Rating	Additional Actions Required by Epping Forest District Council (EFDC)	EFDC Risk Priority	Lead Responsibility	Last Reviewed
IE21	Industrial & Environmental	Fire or explosion at a gas terminal or involving a gas pipeline	Up to 3Km around site causing up to 10 Fatalities and up to 100 casualties	Support the emergency services; provide humanitarian assistance to those affected.	Hold a copy of Pipelines Plan; 'Humanitarian Assistance Plans, Procedures and Response Capability'; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan.	Negligible (1)	Moderate (3)	Medium	Link into continued Essex Resilience Forum training and exercising.	GREEN	ECFRS	Aug 11
IE4	Industrial & Environmental	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.	None	No such sites within EFDC or within 3km	None (0)	N/A (0)	None	None	N/A	ECFRS	Aug 11
IE5	Industrial & Environmental	Localised Fire or Explosion at a fuel Distribution site of flammable or a site storing flammable and/or toxic liquids	Up to 1Km around the site causing up to 15 fatalities and up to 200 casualties.	None	No such sites within EFDC or within 1km	None (0)	N/A (0)	None	None	N/A	ECFRS	Aug 11
IE6	Industrial & Environmental	Fire or Explosion at a fuel Distribution site of flammable or a site storing flammable and/or toxic liquids in atmospheric pressure storage tanks	On site, no fatalities and up to 10 Casualties	None	No such sites within EFDC	None (0)	N/A (0)	None	None	N/A	N/A	Aug 11
IE7	Industrial & Environmental	Fire or explosion at an oil refinery	Up to 3Km around the site causing up to 500 fatalities and up to 1500 casualties	None	No such sites within EFDC or within 3km	None (0)	N/A (0)	None	None	N/A	N/A	Aug 11

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IE8	Industrial & Environmental	Fire or explosion at an oil refinery	Up to 1Km around the site causing up to 150 fatalities and up to 500 casualties.	N/A	No such sites within EFDC or within 1km	None (0)	N/A (0)	None	None	N/A	N/A	Aug 11
IE9	Industrial & Environmental	Fire or explosion at an oil refinery	On site, no fatalities and up to 10 Casualties	None	No such sites within EFDC	None (0)	N/A (0)	None	None	N/A	N/A	Aug 11
IE10	Industrial & Environmental	Fire or Explosion at an onshore fuel pipeline.	Up to 1Km around the site causing up to 100 fatalities and up to 500 casualties.	Support the emergency services; provide humanitarian assistance to those affected.	Hold a copy of Pipelines Plan; 'Humanitarian Assistance Plans, Procedures and Response Capability'; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan.	Negligible (1)	Significant (4)	Medium	Link into continued Essex Resilience Forum training and exercising.	GREEN	ECFRS	Aug 11
IE11	Industrial & Environmental	Fire or Explosion at an onshore fuel pipeline.	Up to 1Km around the site causing up to 10 fatalities and up to 100 casualties.	Support the emergency services; provide humanitarian assistance to those affected.	Hold a copy of Pipelines Plan; 'Humanitarian Assistance Plans, Procedures and Response Capability'; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan.	Negligible (1)	Moderate (4)	Medium	Link into continued Essex Resilience Forum training and exercising.	GREEN	ECFRS	Aug 11
IE12	Industrial & Environmental	Fire or Explosion at an onshore fuel pipeline.	On site, no fatalities and up to 10 casualties.	Support the emergency services; provide humanitarian assistance to those affected.	Hold a copy of Pipelines Plan; 'Humanitarian Assistance Plans, Procedures and Response Capability'; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan.	Rare (2)	Minor (2)	Low	Link into continued Essex Resilience Forum training and exercising.	GREEN	ECFRS	Aug 11
IE22	Industrial & Environmental	Fire or Explosion at a non critical offshore oil/gas platform	Local to site causing 200 fatalities and up to 200 casualties	None	No such sites within EFDC no coastline as land locked District	None (0)	N/A (0)	None	None	N/A	N/A	Aug 11

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IE23	Industrial & Environmental	Fire or Explosion at a Gas LPG or LNG terminal (or associated onshore feedstock pipeline) or flammable gas storage sites.	Up to 3Km around the site with up to 500 fatalities and up to 1500 casualties.	None	No such sites within EFDC or within 3km	None (0)	N/A (0)	None	None	N/A	N/A	Aug 11
IE13	Industrial & Environmental	Fire or Explosion at a Gas LPG or LNG terminal (or associated onshore feedstock pipeline) or flammable gas storage sites.	Up to 1Km around the site with up to 50 fatalities and up to 150 casualties	None	No such sites within EFDC or within 1km	None (0)	N/A (0)	None	None	N/A	N/A	Aug 11
IE14	Industrial & Environmental	Fire or Explosion at a Gas LPG or LNG terminal (or associated onshore feedstock pipeline) or flammable gas storage sites.	On site, no fatalities and up to 10 Casualties	None	No such sites within EFDC	None (0)	N/A (0)	None	None	N/A	N/A	Aug 11
IE15	Industrial & Environmental	Industrial explosions and major fires	Up to 1Km around the site causing up to 20 casualties, some of a serious nature.	Support the emergency services; provide humanitarian assistance to those affected.	'Humanitarian Assistance Plans, Procedures and Response Capability'; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan.	Unlikely (3)	Minor (2)	Medium	Link into continued Essex Resilience Forum training and exercising.	GREEN	ECFRS	Aug 11
IE16	Industrial & Environmental	Very Large Toxic Chemical Releases	Up to 10Km around the site causing up to 2000 fatalities and up to 10,000 casualties.	Support the emergency services; provide humanitarian assistance to those affected.	'Humanitarian Assistance Plans, Procedures and Response Capability'; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan.	Negligible (1)	Significant (4)	Medium	Link into continued Essex Resilience Forum training and exercising.	GREEN	ECFRS	Aug 11
IE17	Industrial & Environmental	Large Toxic Chemical Release	Up to 3Km from site of a toxic chemical release causing up to 50 fatalities and up to 2000 casualties.	Support the emergency services; provide humanitarian assistance to those affected.	'Humanitarian Assistance Plans, Procedures and Response Capability'; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan.	Negligible (1)	Moderate (3)	Medium	Link into continued Essex Resilience Forum training and exercising.	GREEN	ECFRS	Aug 11

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IE25	Industrial & Environmental	Localised industrial accident involving large toxic release (e.g. chlorine storage site).	Up to 3km from site causing up to 30 fatalities and up to 250 casualties.	Support the emergency services; provide humanitarian assistance to those affected.	'Humanitarian Assistance Plans, Procedures and Response Capability'; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan.	Negligible (1)	Minor (2)	Low	Link into continued Essex Resilience Forum training and exercising.	GREEN	ECFRS	Aug 11
IE18	Industrial & Environmental	Localised industrial accident involving small toxic chemical release.	Up to 1Km from the site causing up to 10 fatalities and up to 100 casualties.	Support the emergency services; provide humanitarian assistance to those affected.	'Humanitarian Assistance Plans, Procedures and Response Capability'; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan.	Negligible (1)	Minor (2)	Low	Link into continued Essex Resilience Forum training and exercising.	GREEN	ECFRS	Aug 11
IE24	Industrial & Environmental	Fire or Explosion at an onshore ethylene gas pipeline.	Up to 3Km around the site with up to 500 fatalities and up to 1500 casualties	None	No such facilities within EFDC or within 3km	None (0)	N/A (0)	None	None	N/A	ECFRS	Aug 11
IE26	Industrial & Environmental	Localised fire or Explosion at an onshore ethylene gas pipeline.	Up to 1Km around the site with up to 150 fatalities and up to 450 casualties	None	No such facilities within EFDC or within 1km	None (0)	N/A (0)	None	None	N/A	ECFRS	Aug 11
IE27	Industrial & Environmental	Radioactive substance release from a nuclear reactor accident	Up to 4km from site causing up to 150 fatalities and 1500 casualties.	None	No such sites within EFDC or within 4km	None (0)	N/A (0)	None	None	N/A	HPA	Aug 11
IE28	Industrial & Environmental	Limited Radioactive substance release from a nuclear reactor accident	Up to 1km from site causing up to 50 fatalities and 500 casualties.	None	No such sites within EFDC or within 1km	None (0)	N/A (0)	None	None	N/A	HPA	Aug 11

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IE29	Industrial & Environmental	Accidental release of radioactive material from incorrectly handled or disposed of sources.	Up to 5 casualties and 100 contaminated people requiring medical monitoring. Radiation may be spread over several Km.	Support the emergency services; provide humanitarian assistance to those affected.	'Humanitarian Assistance Plans, Procedures and Response Capability'; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan.	Negligible (1)	Significant (4)	Medium	Continued training and exercising.	GREEN	HPA	Aug 11
IE30	Industrial & Environmental	Biological substance release from facility where pathogens are handled	Up to 10 fatalities and serious injuries or offsite impact resulting in up to 1000 casualties.	N/A	No such sites within or near to EFDC	None	N/A	None	None	N/A	HPA	Aug 11
IE31	Industrial & Environmental	Biological substance release during an unrelated work activity.	Up to 10 fatalities and serious injuries or offsite impact resulting in up to 1000 casualties.	Support the emergency services; provide humanitarian assistance to those affected.	'Humanitarian Assistance Plans, Procedures and Response Capability'; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan.	Rare (2)	Moderate (3)	Medium	Continued training and exercising.	GREEN	HPA	Aug 11
IE32	Industrial & Environmental	Major contamination incident with widespread implications for the food chain.	Food production / marketing implications depending on scale and area affected	Support the emergency services; provide humanitarian assistance to those affected.	'Humanitarian Assistance Plans, Procedures and Response Capability'; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan.	Rare (2)	Moderate (3)	Medium	Continued training and exercising.	GREEN	FSA	Aug 11
IE33	Industrial & Environmental	Maritime Pollution	Release of 100,000 tonnes of crude oil into the sea, polluting up to 200km of coastline.	None	EFDC is a land locked District over 30km from the sea.	None (0)	N/A (0)	None	None	N/A	MCA	Aug 11

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IE34	Industrial & Environmental	Major pollution of controlled waters	Pollution incident impacting upon controlled waters leading to persistent and/or extensive effect on water quality, major damage to aquatic ecosystems, closure of potable abstraction points, major impact on amenity value, serious impact on human health.	Support the emergency services; provide humanitarian assistance to those affected.	'Humanitarian Assistance Plans, Procedures and Response Capability'; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan; Environmental health monitoring.	Rare (2)	Minor (2)	Low	Continued training and exercising	GREEN	EA	Aug 11
IE35	Industrial & Environmental	Major Land Contamination incident	Pollution incident leading to persistent and/or extensive effect on land quality, major damage to terrestrial ecosystems, property amenity value and major damage to agriculture/commerce serious impact on human health.	Support the emergency services; provide humanitarian assistance to those affected.	'Humanitarian Assistance Plans, Procedures and Response Capability'; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan; Environmental health monitoring.	Rare (2)	Minor (2)	Low	Continued training and exercising	GREEN	EFDC (EH)	Aug 11
IE35	Industrial & Environmental	Forest or Moorland Fire	Forest fire across 50 hectares. Evacuation of up to 100 residential homes required. Up to 5 fatalities and 20 casualties.	Support the emergency services; provide humanitarian assistance to those affected.	Humanitarian Assistance Plans, Procedures and Response Capability'; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan; Environmental health monitoring; Rest Centre Plan.	Possible (4)	Minor (2)	Medium	Coordination with Corporation of London	GREEN	ECFRS	Aug 11

TRANSPORT ACCIDENTS												
Risk Ref.	Hazard or Threat Category	Hazard or Threat sub-category	Outcome description	Epping Forest District Council (EFDC) Capability Needed	Epping Forest District Council (EFDC) Controls in Place	Likelihood	Impact	Risk Rating	Additional Actions Required by Epping Forest District Council (EFDC)	EFDC Risk Priority	Lead Responsibility	Last Reviewed
TR1	Transport	Rapid accidental sinking of a passenger or cargo vessel in, or close to UK waters	Up to 500 fatalities and up to 1000 casualties with blockage of a major sea lane or port	None	Not applicable as EFDC has no coastline and is over 30km from the sea	None	N/A	None	None	N/A	MCA	Aug 11
TR10	Transport	Fire, flooding, stranding or collision involving a passenger vessel in or close to UK waters leading to the ship's evacuation or partial evacuation.	Up to 50 fatalities and up to 300 casualties	None	Not applicable as EFDC has no coastline, is over 30km from the sea	None	N/A	None	None	N/A	MCA	Aug 11
TR2	Transport	Rapid accidental sinking of a passenger or cargo vessel in, or close to UK waters or on inland waterways	Up to 50 fatalities and up to 300 casualties	None	Not applicable as EFDC has no coastline, is over 30km from the sea and has no major navigable rivers	None	N/A	None	None	N/A	MCA	Aug 11
TR9	Transport	Fire, flooding, stranding or collision involving a passenger vessel in or close to UK waters leading to the ship's evacuation or partial evacuation at sea.	Up to 250 fatalities and up to 500 casualties	None	Not applicable as EFDC has no coastline, is over 30km from the sea	None	N/A	None	None	N/A	MCA	Aug 11
TR11	Transport	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	None	Not applicable as EFDC has no coastline, is over 30km from the sea	None	N/A	None	None	N/A	MCA	Aug 11

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TR3	Transport	Aviation Accident	Causing up to 800 fatalities and up to 300 casualties; Injuries ranging from serious burns to fractures; Damage to or loss of amenities including housing, retail or industrial facilities.	Support the emergency services; provide humanitarian assistance to those affected.	Humanitarian Assistance Plans, Procedures and Response Capability; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan.	Negligible (1)	Significant (4)	Medium	Continued training and exercising	GREEN	Police	Aug 11
TR4	Transport	Aviation accident	Causing up to 50 fatalities and up to 250 casualties.	Support the emergency services; provide humanitarian assistance to those affected.	Humanitarian Assistance Plans, Procedures and Response Capability; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan; North Weald Major Incident Plan; Airfield Fire Service.	Negligible (1)	Significant (4)	Medium	Continued training and exercising	GREEN	Police	Aug 11
TR4L	Transport	Aviation accident	Causing up to 5 fatalities and up to 25 casualties.	Support the emergency services; provide humanitarian assistance to those affected.	Humanitarian Assistance Plans, Procedures and Response Capability; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan; North Weald Major Incident Plan; Airfield fire service.	Unlikely (3)	Minor (2)	Medium	Continued training and exercising	GREEN	Police	Aug 11
TR12	Transport	Aviation accident over a semi-urban area	Loss of two aircraft and passengers, with debris over a semi-urban area. Up to 600 fatalities and up to 300 casualties.	Support the emergency services; provide humanitarian assistance to those affected.	Humanitarian Assistance Plans, Procedures and Response Capability; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan	Negligible (1)	Significant (4)	Medium	Continued training and exercising	GREEN	Police	Aug 11
TR5	Transport	Local accident on major trunk roads and motorways	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	Support the emergency services; provide humanitarian assistance to those affected.	Humanitarian Assistance Plans, Procedures and Response Capability; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan; Bell Common Tunnel Emergency Plan; Major Incident Contingency Plans for M25, M11 and A406; Highways Agency Traffic Enforcement and Emergency Response Plan.	Possible (4)	Minor (2)	Medium	Continued training and exercising	GREEN	Highways Agency	Aug 11

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TR6	Transport	Railway accident	Up to 30 fatalities and up to 100 casualties; Major disruption to rail line including possible closure of rail tunnel.	Support the emergency services; provide humanitarian assistance to those affected.	EFDC Emergency Response Plan; 'Humanitarian Assistance Plans, Procedures and Response Capability'.	Rare (2)	Moderate (3)	Medium	Continued training and exercising	GREEN	British Transport Police	Aug 11
TR13	Transport	Local accident Involving transport of hazardous chemicals	Up to 30 fatalities and up to 100 casualties, The extent of the impact would depend on the substance involved, quantity, nature and location of accident, The assumption is based on phosgene / chlorine	Support the emergency services; provide humanitarian assistance to those affected.	Humanitarian Assistance Plans, Procedures and Response Capability'; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan; Bell Common Tunnel Emergency Plan; Major Incident Contingency Plans for M25, M11 and A406; Highways Agency Traffic Enforcement and Emergency Response Plan.	Rare (2)	Significant (5)	Medium	Continued training and exercising	GREEN	ECFRS	Aug 11
TR7	Transport	Local accident Involving transport of hazardous chemicals	Up to 50 fatalities and up to 500 casualties, The extent of the impact would depend on the substance involved, quantity, nature and location of accident, The assumption is based on phosgene / chlorine	Support the emergency services; provide humanitarian assistance to those affected.	Humanitarian Assistance Plans, Procedures and Response Capability'; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan; Bell Common Tunnel Emergency Plan; Major Incident Contingency Plans for M25, M11 and A406; Highways Agency Traffic Enforcement and Emergency Response Plan.	Negligible (1)	Significant (5)	Medium	Continued training and exercising	GREEN	ECFRS	Aug 11
TR8	Transport	Maritime accident or deliberate blockade	Fatalities/ injuries minor, blockage of access to key port, estuary, maritime route for more than one month	None	Not applicable as EFDC has no coastline, is over 30km from the sea and has no major navigable rivers	None	N/A	None	N/A	N/A	MCA	Aug 11

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TR14	Transport	Local (road) accident involving transport of fuel / explosives	Up to 30 fatalities and up to 20 casualties; Area would require evacuating up to 1km radius depending on substance; Potential release of up to 30t of liquid fuel into local environment watercourses etc; Large quantities of fire fighting foam would impact on environment; Roads and access routes impassable for a time; Emergency access difficult or impossible.	Support the emergency services; provide humanitarian assistance to those affected.	Humanitarian Assistance Plans, Procedures and Response Capability; Link to Essex Resilience Forum Controls; EFDC Emergency Response Plan; Bell Common Tunnel Emergency Plan; Major Incident Contingency Plans for M25, M11 and A406; Highways Agency Traffic Enforcement and Emergency Response Plan.	Negligible (1)	Significant (5)	Medium	Continued training and exercising	GREEN	ECFRS	Aug 11

SEVERE WEATHER												
Risk Ref.	Hazard or Threat Category	Hazard or Threat sub-category	Outcome description	Epping Forest District Council (EFDC) Capability Needed	Epping Forest District Council (EFDC) Controls in Place	Likelihood	Impact	Risk Rating	Additional Actions Required by Epping Forest District Council (EFDC)	EFDC Risk Priority	Lead Responsibility	Last Reviewed
SW1	Severe Weather	Low Temperatures Heavy Snow	Snow covers the County of Essex for more than 3 days; Snow impacts transport infrastructure.	Support the emergency services; provide humanitarian assistance to those affected.	Receive information from National Severe Weather Warning Service (NSWWS) and Environment Agency Flood Warning Service; EFDC Flood Plan; EFDC Emergency Response Plan; Parish/Town Plans.	Rare (2)	Moderate (3)	Medium	Link in to Essex Resilience Forum Severe Weather exercise every 2 years	GREEN	ECC	Aug 11
SW11L	Severe Weather	Heavy Snow	Snow covers the District for more than 3 days; Snow impacts transport infrastructure.	Support the emergency services; provide humanitarian assistance to those affected.	Receive information from National Severe Weather Warning Service (NSWWS) and Environment Agency Flood Warning Service; EFDC Flood Plan; EFDC Emergency Response Plan; Parish/Town Plans.	Rare (2)	Moderate (3)	Medium	Continued Training and Exercising	GREEN	EFDC	Aug 11
SW2	Severe Weather	Drought	Reduction in ability to supply water either public water supply or other forms of extraction,	Support the emergency services; provide humanitarian assistance to those affected.	Receive information from Met Office Weatherwatch; Emergency Response Plan; Parish/Town Plans; Links with Primary Care Trusts; Water Company Drought Plans; Strategic Health Authority Heat Wave Plan.	Rare (2)	Moderate (3)	Medium	Continued Training and Exercising	GREEN	EA	Aug 11
SW3	Severe Weather	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. Damage to infrastructure.	Support the emergency services; provide humanitarian assistance to those affected.	Receive information from National Severe Weather Warning Service (NSWWS) and Environment Agency Flood Warning Service; EFDC Flood Plan; EFDC Emergency Response Plan; Parish/Town Plans.	Possible (4)	Minor (2)	Medium	Continued Training and Exercising	GREEN	Police	Aug 11
SW4	Severe Weather	Heat Wave	Temperature of between 15 and 32 degrees C for at least 5 consecutive days and nights.	Support the emergency services; provide humanitarian assistance to those affected.	Receive information from Met Office Weatherwatch; Emergency Response Plan; Parish/Town Plans; Links with Primary Care Trust; Water Company Drought Plans; Strategy Health Authority Heat Wave Plan.	Rare (2)	Minor (2)	Low	Continued Training and Exercising	GREEN	SHA	Aug 11

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SW5	Severe Weather	Major River Flood	100+ properties flooded and 50+ homeless.	Support the emergency services; provide humanitarian assistance to those affected.	EFDC Flood Plan; Flood defence/alleviation Schemes; Information from Environment Agency Flood Warning Service; 'Humanitarian Assistance Plans, Procedures and Response Capability'; Sandbag supply; Land drainage flood mapping; EFDC Emergency Response Plan; Parish/Town Plans	Possible (4)	Moderate (3)	High	Improve warning and informing; Encourage self help; Continued maintenance of flood defences; Review flood plan; replenish sandbag supply.	AMBER	EA	Aug 11
SW6	Severe Weather	Major River Flood	250+ properties flooded and 125+ homeless.	Support the emergency services; provide humanitarian assistance to those affected.	EFDC Flood Plan; Flood defence/alleviation Schemes; Information from Environment Agency Flood Warning Service; 'Humanitarian Assistance Plans, Procedures and Response Capability'; Sandbag supply; Land drainage flood mapping; EFDC Emergency Response Plan; Parish/Town Plans	Unlikely (3)	Significant (5)	High	Improve warning and informing; Encourage self-help; Continued maintenance of flood defences; Review flood plan; replenish sandbag supply.	AMBER	EA	Aug 11
SW7	Severe Weather	Major River Flood	1000+ properties flooded and 500+ homeless.	Support the emergency services; provide humanitarian assistance to those affected.	EFDC Flood Plan; Flood defence/alleviation Schemes; Information from Environment Agency Flood Warning Service; 'Humanitarian Assistance Plans, Procedures and Response Capability'; Sandbag supply; Land drainage flood mapping; EFDC Emergency Response Plan; Parish/Town Plans	Rare (2)	Catastrophic (5)	High	Improve warning and informing; Encourage self help; Continued maintenance of flood defences; Review flood plan; replenish sandbag supply.	AMBER	EA	Aug 11
SW8	Severe Weather	Coastal Flooding	Coastal flooding affecting 1000 homes, no casualties, 500+ left homeless	N/A	EFDC is a land locked District, nearest coast is over 30km away.	NONE	N/A	NONE	NONE	N/A	EA	Aug 11

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Risk Ref.	Hazard or Threat Category	Hazard or Threat sub-category	Outcome description	Epping Forest District Council (EFDC) Capability Needed	Epping Forest District Council (EFDC) Controls in Place	Likelihood	Impact	Risk Rating	Additional Actions Required by Epping Forest District Council (EFDC)	EFDC Risk Priority	Lead Responsibility	Last Reviewed
SW9	Severe Weather	Coastal Flooding	Coastal flooding affecting 5000 homes, no casualties, 2500+ left homeless	N/A	EFDC is a land locked District, nearest coast is over 30km away.	NONE	N/A	NONE	NONE	N/A	EA	Aug 11
SW10	Severe Weather	Coastal Flooding	Coastal flooding affecting 10000 homes, no casualties, 5000+ left homeless	N/A	EFDC is a land locked District, nearest coast is over 30km away.	NONE	N/A	NONE	NONE	N/A	EA	Aug 11
SW11	Severe Weather	Major Coastal or Tidal Flooding affecting more than two UK regions.	Flooding affecting 300,000 properties for up to 14 days, 150 fatalities, 20000 casualties, 2000 missing persons. 400,000 evacuated	N/A	EFDC is a land locked District, nearest coast is over 30km away.	NONE	N/A	NONE	NONE	N/A	EA	Aug 11
SW12	Severe Weather	Local Coastal or Tidal Flooding affecting more than one UK region.	Flooding affecting 10,000 properties for up to 14 days, 20 fatalities, 300 casualties, 200 missing persons. 50,000 evacuated	N/A	EFDC is a land locked District, nearest coast is over 30km away.	NONE	N/A	NONE	NONE	N/A	EA	Aug 11
SW13	Severe Weather	Local Coastal or Tidal Flooding in one UK region.	Flooding affecting 1,000 properties for up to 14 days, 10 fatalities, 150 casualties, 100 missing persons. 20,000 evacuated	N/A	EFDC is a land locked District, nearest coast is over 30km away.	NONE	N/A	NONE	NONE	N/A	EA	Aug 11

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Risk Ref.	Hazard or Threat Category	Hazard or Threat sub-category	Outcome description	Epping Forest District Council (EFDC) Capability Needed	Epping Forest District Council (EFDC) Controls in Place	Likelihood	Impact	Risk Rating	Additional Actions Required by Epping Forest District Council (EFDC)	EFDC Risk Priority	Lead Responsibility	Last Reviewed
SW14	Severe Weather	Major Fluvial Flooding affecting more than two UK regions.	Loss of essential services to 200,000 homes for up to 14 days; 5000 needing assistance; 10-40K properties flooded; 20-50 fatalities; 300-500 casualties; 50-100K evacuated.	Support the emergency services; provide humanitarian assistance to those affected.	EFDC Flood Plan; Flood defence / alleviation Schemes; Information from Environment Agency Flood Warning Service; 'Humanitarian Assistance Plans, Procedures and Response Capability'; Sandbag supply; Land drainage flood mapping; EFDC Emergency Response Plan; Parish/Town Plans	Negligible (1)	Catastrophic (5)	Medium	Improve warning and informing; Encourage self-help; Continued maintenance of flood defences; Review flood plan; replenish sandbag supply.	AMBER	EA	Aug 11
SW15	Severe Weather	Local / Urban Flooding (fluvial or surface run-off).	1000-10,000 properties flooded for up to 14 days; 5 fatalities; 50 casualties; 5,000 evacuated.	Support the emergency services; provide humanitarian assistance to those affected.	EFDC Flood Plan; Flood defence / alleviation Schemes; Information from Environment Agency Flood Warning Service; 'Humanitarian Assistance Plans, Procedures and Response Capability'; Sandbag supply; Land drainage flood mapping; EFDC Emergency Response Plan; Parish/Town Plans	Negligible (1)	Catastrophic (5)	Medium	Improve warning and informing; Encourage self-help; Continued maintenance of flood defences; Review flood plan; replenish sandbag supply.	AMBER	EA	Aug 11
SW16	Severe Weather	Local Fluvial Flooding	100-1,000 properties flooded for 2-7 days, 15 fatalities, 150 casualties, 15,000 evacuated.	Support the emergency services; provide humanitarian assistance to those affected.	EFDC Flood Plan; Flood defence / alleviation Schemes; Information from Environment Agency Flood Warning Service; 'Humanitarian Assistance Plans, Procedures and Response Capability'; Sandbag supply; Land drainage flood mapping; EFDC Emergency Response Plan; Parish/Town Plans	Negligible (1)	Significant (4)	Medium	Improve warning and informing, Encourage self help, Continued maintenance of flood defences, Review flood plan; replenish sandbag supply.	AMBER	EA	Aug 11
SW17	Severe Weather	Localised extremely hazardous flooding	Flooding of up to 200 properties. High velocity flood waters (less than 15 minutes warning).	Support the emergency services; provide humanitarian assistance to those affected.	EFDC Flood Plan; Flood defence / alleviation Schemes; Information from Environment Agency Flood Warning Service; 'Humanitarian Assistance Plans, Procedures and Response Capability'; Sandbag supply; Land drainage flood mapping; EFDC Emergency Response Plan; Parish/Town Plans	Rare (2)	Moderate (3)	Medium	Improve warning and informing, Encourage self help, Continued maintenance of flood defences, Review flood plan; replenish sandbag supply.	AMBER	EA	Aug 11

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Risk Ref.	Hazard or Threat Category	Hazard or Threat sub-category	Outcome description	Epping Forest District Council (EFDC) Capability Needed	Epping Forest District Council (EFDC) Controls in Place	Likelihood	Impact	Risk Rating	Additional Actions Required by Epping Forest District Council (EFDC)	EFDC Risk Priority	Lead Responsibility	Last Reviewed
SW18L	Severe Weather	Major River Flood	50+ properties flooded and 20+ homeless	Support the emergency services; provide humanitarian assistance to those affected.	EFDC Flood Plan; Flood defence / alleviation Schemes; Information from Environment Agency Flood Warning Service; 'Humanitarian Assistance Plans, Procedures and Response Capability'; Sandbag supply; Land drainage flood mapping; EFDC Emergency Response Plan; Parish/Town Plans	Possible (4)	Moderate (3)	High	Improve warning and informing, Encourage self help, Continued maintenance of flood defences, Review flood plan; replenish sandbag supply.	RED	EA	Aug 11
SW19L	Severe Weather	Surface Water (Flash) Flooding	25+ properties flooded and 5+ homeless	Support the emergency services; provide humanitarian assistance to those affected.	EFDC Flood Plan; Flood defence / alleviation Schemes; Information from Environment Agency Flood Warning Service; 'Humanitarian Assistance Plans, Procedures and Response Capability'; Sandbag supply; Land drainage flood mapping; EFDC Emergency Response Plan; Parish/Town Plans	Possible (4)	Minor (2)	Medium	Improve warning and informing, Encourage self help, Continued maintenance of flood defences, Review flood plan; replenish sandbag supply.	RED	EFDC	Aug 11
SW20L	Severe Weather	Surface Water (Flash) Flooding	50+ properties flooded and 25+ homeless	Support the emergency services; provide humanitarian assistance to those affected.	EFDC Flood Plan; Flood defence / alleviation Schemes; Information from Environment Agency Flood Warning Service; 'Humanitarian Assistance Plans, Procedures and Response Capability'; Sandbag supply; Land drainage flood mapping; EFDC Emergency Response Plan; Parish/Town Plans	Possible (4)	Moderate (3)	High	Improve warning and informing, Encourage self help, Continued maintenance of flood defences, Review flood plan; replenish sandbag supply.	RED	EFDC	Aug 11
SW21L	Severe Weather	Surface Water (Flash) Flooding	100+ properties flooded and 25+ homeless	Support the emergency services; provide humanitarian assistance to those affected.	EFDC Flood Plan; Flood defence / alleviation Schemes; Information from Environment Agency Flood Warning Service; 'Humanitarian Assistance Plans, Procedures and Response Capability'; Sandbag supply; Land drainage flood mapping; EFDC Emergency Response Plan; Parish/Town Plans	Unlikely (3)	Moderate (3)	High	Improve warning and informing, Encourage self help, Continued maintenance of flood defences, Review flood plan; replenish sandbag supply.	RED	EFDC	Aug 11

STRUCTURAL												
Risk Ref.	Hazard or Threat Category	Hazard or Threat sub-category	Outcome description	Epping Forest District Council (EFDC) Capability Needed	Epping Forest District Council (EFDC) Controls in Place	Likelihood	Impact	Risk Rating	Additional Actions Required by Epping Forest District Council (EFDC)	EFDC Risk Priority	Lead Responsibility	Last Reviewed
S1	Structural	Bridge Collapse	Collapse of bridge involving casualties and fatalities; Persons missing or trapped in debris; Road or rail closures.	Support the emergency services; provide humanitarian assistance to those affected.	Building Control, 'Humanitarian Assistance Plans, Procedures and Response Capability'; EFDC Emergency Response Plan.	Negligible (1)	Minor (2)	Low	Continued training and exercising	GREEN	ECFRS	Aug 11
S2	Structural	Land Movement	Land Movement involving casualties and up to 5 fatalities; Persons missing or trapped in debris; Road or rail closures	Support the emergency services; provide humanitarian assistance to those affected.	Building Control, 'Humanitarian Assistance Plans, Procedures and Response Capability'; EFDC Emergency Response Plan.	Negligible (1)	Insignificant (1)	Low	Continued training and exercising	GREEN	ECFRS	Aug 11
S4	Structural	Building Collapse	Collapse of building involving casualties and up to 5 fatalities; Persons missing or trapped in debris.	Support the emergency services; provide humanitarian assistance to those affected.	Local Authority Rest Centre Plan, 'Humanitarian Assistance Plans, Procedures and Response Capability'. Temporary Housing Policy; EFDC Emergency Response Plan.	Rare (2)	Insignificant (1)	Low	Continued training and exercising	GREEN	ECFRS	Aug 11
S5	Structural	Major Reservoir Dam Failure / collapse	Collapse without warning resulting in instantaneous flooding; Damage to 500 properties, 200 fatalities, 1000 casualties, 50 missing and 200 requiring temporary housing.	Support the emergency services; provide humanitarian assistance to those affected.	Local Authority Rest Centre Plan, 'Humanitarian Assistance Plans, Procedures and Response Capability'; Temporary Housing Policy; EFDC Emergency Response Plan; Water Level Monitoring on Dams.	Negligible (1)	Significant (4)	Medium	Continued training and exercising	GREEN	EA	Aug 11

HUMAN HEALTH												
Risk Ref.	Hazard or Threat Category	Hazard or Threat sub-category	Outcome description	Epping Forest District Council (EFDC) Capability Needed	Epping Forest District Council (EFDC) Controls in Place	Likelihood	Impact	Risk Rating	Additional Actions Required by Epping Forest District Council (EFDC)	EFDC Risk Priority	Lead Responsibility	Last Reviewed
H1	Human Health	Pandemic Flu	Multiple fatalities and ill health; Reduced staff available for incident; Loss of key community services; Serious impact on economy from loss of production.	Support the emergency and health services; provide humanitarian assistance to those affected; Manage excess deaths.	Mass Fatalities Plan; 'Humanitarian Assistance Plans, Procedures and Response Capability'; EFDC Business Continuity Plans; EFDC Flu Plan; Links with West Essex Primary Care Trust; Mass Vaccination Centre Plan.	Probable (5)	Catastrophic (5)	Very High	Training and exercising (Spring Fever 2008); review Flu Plan; Develop excess deaths policy; Continue to liaise with West Essex Primary Care Trust.	RED	SHA	Aug 11
H2	Human Health	Epidemic Flu	Increased fatalities and ill health; GP consultations likely to exceed 400 per 100,000 population; Localised disruption to social infrastructure; Negligible impact on local economy.	Support the emergency and health services; provide humanitarian assistance to those affected.	EFDC Business continuity plan; EFDC Flu Plan; 'Humanitarian Assistance Plans, Procedures and Response Capability'; Links with West Essex Primary Care Trust; EFDC Emergency Response Plan.	Possible (4)	Moderate (3)	High	Training and exercising (Spring Fever 2008); review Flu Plan; Continue to liaise with West Essex Primary Care Trust.	AMBER	SHA	Aug 11
H3	Human Health	Emerging Infectious Disease (SARS type disease outbreak)	Increased fatalities and ill health; Localised disruption to social infrastructure; Negligible impact on local economy.	Support the emergency and health services; provide humanitarian assistance to those affected.	EFDC Emergency Response Plan; EFDC Business continuity plan; 'Humanitarian Assistance Plans, Procedures and Response Capability'; Links with West Essex Primary Care Trust; Mass vaccination plans.	Possible (4)	Moderate (3)	High	Training and exercising (Spring Fever 2008); Continue to liaise with West Essex Primary Care Trust.	AMBER	SHA	Aug 11
H4	Human Health	Local legionella / meningitis outbreak	Localised outbreak causing 10 fatalities and 50 casualties.	Support the emergency and health services; provide humanitarian assistance to those affected.	EFDC Emergency Response Plan; EFDC Business continuity plan; Links with West Essex Primary Care Trust; Mass vaccination plans.	Possible (4)	Minor (2)	Medium	Continued liaison with West Essex Primary Care Trust.	GREEN	SHA	Aug 11

ANIMAL HEALTH												
Risk Ref.	Hazard or Threat Category	Hazard or Threat sub-category	Outcome description	Epping Forest District Council (EFDC) Capability Needed	Epping Forest District Council (EFDC) Controls in Place	Likelihood	Impact	Risk Rating	Additional Actions Required by Epping Forest District Council (EFDC)	EFDC Risk Priority	Lead Responsibility	Last Reviewed
A1	Animal Health	Non-Zoonotic notifiable animal diseases (e.g. Foot & Mouth (FMD), Classical Swine Fever, Blue Tongue and Newcastle disease (of birds)).	Slaughter of 2 million affected and exposed livestock/ poultry plus the possibility of a significant number of animals culled for welfare reasons. An outbreak could last for 6-18 months.	Support the emergency services; provide humanitarian assistance to those affected.	EFDC Emergency Response Plan; EFDC Business Continuity Plan; DEFRA – Exotic Animal Disease Generic Contingency Plan; Regional Rabies Plan; Environmental Health monitoring.	Possible (4)	Significant (4)	Very high	Link into continued Essex Resilience Forum training and exercising; Liaison with DEFRA and Environmental Health on Avian Flu Issues.	GREEN	DEFRA, Trading Standards	Aug 11
A2	Animal Health	Zoonotic notifiable animal diseases (e.g. Highly Pathogenic Avian Influenza (HPAI) Rabies and West Nile Virus).	Culling of 30 million poultry (HPAI), domestic birds, and migratory birds. Culling of Wildlife (Rabies), possibility of slaughter for companion animals. Slaughter of large number of horses (West Nile virus).	Support the emergency services; provide humanitarian assistance to those affected.	EFDC Emergency Response Plan; EFDC Business Continuity Plan; DEFRA – Exotic Animal Disease Generic Contingency Plan; Regional Rabies Plan; Environmental Health monitoring.	Possible (4)	Significant (4)	Very High	Link into continued Essex Resilience Forum training and exercising; Liaison with DEFRA and Environmental Health on Avian Flu Issues.	GREEN	DEFRA, SHA	Aug 11

INDUSTRIAL ACTION												
Risk Ref.	Hazard or Threat Category	Hazard or Threat sub-category	Outcome description	Epping Forest District Council (EFDC) Capability Needed	Epping Forest District Council (EFDC) Controls in Place	Likelihood	Impact	Risk Rating	Additional Actions Required by Epping Forest District Council (EFDC)	EFDC Risk Priority	Lead Responsibility	Last Reviewed
IA1	Industrial Action	Loss of cover due to industrial action by office workers providing a service critical to the preservation of life	A number of 3 day strikes with significant support over a 2 month period affecting a single emergency service	Business Continuity planning; Support the emergency services; provide humanitarian assistance to those affected.	EFDC Emergency Response Plan; EFDC Business Continuity Plan; Links into the Essex Resilience Forum.	Rare (2)	Insignificant (1)	Low	Link into continued Essex Resilience Forum training and exercising.	GREEN	DoH	Aug 11
IA2	Industrial Action	Emergency Services: loss of fire and rescue cover because of industrial action.	A series of strikes by fire fighters takes place, spread over 2 months. Perhaps lasting up to 24 hours each.	Business Continuity planning; Support the emergency services; provide humanitarian assistance to those affected.	EFDC Emergency Response Plan; EFDC Business Continuity Plan; Links into the Essex Resilience Forum.	Rare (2)	Minor (2)	Low	Link into continued Essex Resilience Forum training and exercising.	GREEN	Home Office	Aug 11
IA3	Industrial Action	Significant or perceived constraint on the supply of fuel	Filling stations starting to run dry in 24-48 hours. Panic buying exacerbates the situation. Replenishment takes 3-10 days.	Business Continuity planning; Support the emergency services; provide humanitarian assistance to those affected.	National Emergency Plan for Fuel; EFDC Emergency Response Plan; EFDC Business Continuity Plan; Links into the Essex Resilience Forum.	Unlikely (3)	Minor (2)	Medium	Link into continued Essex Resilience Forum training and exercising.	AMBER	BERR	Aug 11
IA4	Industrial Action	Prison Officers Strike	Prisoner Officers strike action for up to 48 hours on 80% of prisons.	None	EFDC Emergency Response Plan; EFDC Business Continuity Plan; Links into the Essex Resilience Forum.	Rare (2)	Insignificant (1)	Low	Link into continued Essex Resilience Forum training and exercising.	GREEN	Justice Dept.	Aug 11
IA5	Industrial Action	Industrial Action by key rail or London Underground workers	Total shut down of either London Underground or the rail network on a national scale for more than 3 days	None	EFDC Emergency Response Plan; EFDC Business Continuity Plan; Links into the Essex Resilience Forum.	Rare (2)	Insignificant (1)	Low	Link into continued Essex Resilience Forum training and exercising.	GREEN	DfT, TfL	Aug 11

INTERNATIONAL EVENTS												
Risk Ref.	Hazard or Threat Category	Hazard or Threat sub-category	Outcome description	Epping Forest District Council (EFDC) Capability Needed	Epping Forest District Council (EFDC) Controls in Place	Likelihood	Impact	Risk Rating	Additional Actions Required by Epping Forest District Council (EFDC)	EFDC Risk Priority	Lead Responsibility	Last Reviewed
INT1	International Events	Security incident resulting in influx of British Nationals	50,000 nationals returning to UK within 4-6 week period	Support the emergency services; provide humanitarian assistance to those affected.	EFDC Emergency Response Plan; Links into the Essex Resilience Forum; Access to the Crisis Support Team Essex; Emergency Housing Plan.	Unlikely (1)	Minor (2)	Medium	Continued training and exercising.	GREEN	FCO	Aug 11
INT2	International Events	Security or pandemic health situation resulting in influx of British Nationals	10,000 nationals returning to UK within 4-6 week period	Support the emergency services; provide humanitarian assistance to those affected.	EFDC Emergency Response Plan; Links into the Essex Resilience Forum; Access to the Crisis Support Team Essex; Emergency Housing Plan.	Unlikely (1)	Minor (2)	Medium	Continued training and exercising.	GREEN	FCO	Aug 11
INT3	International Events	2012 Olympics	Incidents involving British and foreign nationals visiting the Games	Support the emergency services; provide humanitarian assistance to those affected	EFDC Emergency Response Plan; Links into the Essex Resilience Forum; Access to the Crisis Support Team Essex; Emergency Housing Plan.	Unlikely (1)	Minor (2)	Medium	Continued training and exercising.	AMBER	Police	Aug 11

INDUSTRIAL TECHNICAL FAILURE												
Risk Ref.	Hazard or Threat Category	Hazard or Threat sub-category	Outcome description	Epping Forest District Council (EFDC) Capability Needed	Epping Forest District Council (EFDC) Controls in Place	Likelihood	Impact	Risk Rating	Additional Actions Required by Epping Forest District Council (EFDC)	EFDC Risk Priority	Lead Responsibility	Last Reviewed
ITF1	Industrial Technical Failure	Failure of upstream (offshore) oil/gas network leading to disruption in production	Catastrophic accident destroying all parts of critical upstream facility taking months to restore. 15% loss of gas supply	Business Continuity planning; Support the emergency services; provide humanitarian assistance to those affected.	EFDC Emergency Response Plan, Business Continuity Planning	Negligible (1)	Minor (2)	Low	Liaison with utility companies through the Essex Resilience Forum; Link into Essex Resilience Forum Training and exercising.	GREEN		Aug 11
ITF2	Industrial Technical Failure	Failure of water infrastructure or accidental non toxic contamination	Loss of piped water for 50,000 people for 1 to 3 days.	Business continuity planning; Support the emergency services; provide humanitarian assistance to those affected.	EFDC Emergency Response Plan, Business Continuity Planning	Negligible (1)	Significant (4)	Medium	Liaison with utility companies through the Essex Resilience Forum; Link into Essex Resilience Forum Training and exercising.	GREEN	Water UK	Aug 11
ITF3	Industrial Technical Failure	Loss of Drinking water due to major accident affecting infrastructure	Loss of piped water for 200,000 people for 1 to 7 days.	Business Continuity planning; Support the emergency services; provide humanitarian assistance to those affected.	EFDC Emergency Response Plan, Business Continuity Planning	Negligible (1)	Catastrophic (5)	Medium	Liaison with utility companies through the Essex Resilience Forum; Link into Essex Resilience Forum Training and exercising.	GREEN	Water UK	Aug 11
ITF4	Industrial Technical Failure	No notice loss of telecommunications network	Loss of telecoms for up to 100,00 people for up to 72 hours	Business Continuity planning; Support the emergency services; provide humanitarian assistance to those affected.	EFDC Emergency Response Plan, Business Continuity Planning. Resilient Communications, PMR Radio	Negligible (1)	Significant (4)	Medium	Liaison with utility companies through the Essex Resilience Forum; Link into Essex Resilience Forum Training and exercising.	GREEN	BT	Aug 11
ITF5	Industrial Technical Failure	Failure of electricity network (Blackstart)	Partial or total blackout for up to 3 days	Business Continuity planning; Support the emergency services; provide humanitarian assistance to those affected.	EFDC Emergency Response Plan, Business Continuity Planning. Emergency generator(s)	Negligible (1)	Significant (4)	Medium	Liaison with utility companies through the Essex Resilience Forum; Link into Essex Resilience Forum Training and exercising.	GREEN	Electricity Providers	Aug 11

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ITF6	Industrial Technical Failure	Telecommunication infrastructure – human error	Widespread loss of communications at regional level for up to 5 days	Business Continuity planning; Support the emergency services; provide humanitarian assistance to those affected.	EFDC Emergency Response Plan, Business Continuity Planning. Resilient Communications, PMR Radio	Negligible (1)	Significant (4)	Medium	Liaison with utility companies through the Essex Resilience Forum; Link into Essex Resilience Forum Training and exercising.	GREEN	BT	Aug 11
ITF7	Industrial Technical Failure	Failure of electricity network	Total shutdown of supply over an entire region lasting 24 hours.	Business Continuity planning; Support the emergency services; provide humanitarian assistance to those affected.	EFDC Emergency Response Plan, Business Continuity Planning. Emergency generator(s)	Negligible (1)	Moderate (3)	Medium	Liaison with utility companies through the Essex Resilience Forum; Link into Essex Resilience Forum Training and exercising.	GREEN	Electricity Providers	Aug 11
ITF8	Industrial Technical Failure	Accidental failure at sewerage treatment works	Between 10-50,000 people could be without sewerage services for up to three days	Business Continuity planning; Support the emergency services; provide humanitarian assistance to those affected.	EFDC Emergency Response Plan, Business Continuity Planning.	Negligible (1)	Minor (2)	Low	Liaison with utility companies through the Essex Resilience Forum; Link into Essex Resilience Forum Training and exercising.	GREEN	Thames Water	Aug 11

PUBLIC ORDER												
Risk Ref.	Hazard or Threat Category	Hazard or Threat sub-category	Outcome description	Epping Forest District Council (EFDC) Capability Needed	Epping Forest District Council (EFDC) Controls in Place	Likelihood	Impact	Risk Rating	Additional Actions Required by Epping Forest District Council (EFDC)	EFDC Risk Priority	Lead Responsibility	Last Reviewed
P1	Public Order	Large scale public protest	Large scale public protests, Tens of thousands of highly motivated protestors including a hard core of 2000 protestors causing physical damage, Requiring a nationally co-ordinated response	Business Continuity planning; Support the emergency services; provide humanitarian assistance to those affected.	EFDC Emergency Response Plan; Links to the Essex Resilience Forum.	Negligible (1)	Minor (2)	Low	Link into continued Essex Resilience Forum training and exercising.	GREEN	Police	Aug 11
P2	Public Order	Targeted disruptive protest, e.g. fuel protest	Nationally co-ordinated protest could generate shortages of essential supplies and lasts for up to one week	Business Continuity planning; Support the emergency services; provide humanitarian assistance to those affected.	National Emergency Plan, Fuel. Increased fuel capacity at Langston Road.	Rare (2)	Moderate (3)	Medium	Continued planning, training & exercising.	AMBER	Police	Aug 11
P3L	Public Order	Incident at entertainment venue	Causes mass panic and the need to evacuate	Business Continuity planning; Support the emergency services; provide humanitarian assistance to those affected.	North Weald Major Incident Plan. Gilwell Park Evacuation Plan. EFDC Emergency response Plan.	Negligible (1)	Minor (2)	Low	Continued planning, training & exercising	GREEN	EFDC	Aug 11