



Individual Risk Assessments

Hazard/threat Category	
1. Major Industrial accident - Fire or explosion	
Date of Revision	Next review date
01/07/2014	01/07/2017
Overview of hazard or threat:	
<p>Sites store fuel for distribution by pipeline and road tankers. Potential causes of an emergency are fire, explosion or environmental pollution resulting from a large leak or spill of inventory.</p> <p>It is recognised that some fuel distributions locations are in urbanised areas. The risk is intensified where these sites are found close to urban areas</p>	
Key historical evidence (last 5 years or of particular note):	
<ul style="list-style-type: none"> December 2005 - Fire at Buncefield Fuel Distribution Depot and resultant HSE reports (published 2009). 	
Likelihood:	
Hazard	Likelihood
1. Industrial accidents and environmental pollution	Medium/Low
Impact:	
Summary:	
Hazard	Impact
1. Industrial accidents and environmental pollution	Minor/Moderate
Details:	
Impact associated with risk (i.e 1 of x)	
Primary:	
<ul style="list-style-type: none"> Fire or explosion resulting in "Go In Stay In Tune In" advice or short term evacuation of surrounding area due to release into atmosphere. Fire or explosion and application of fire water potentially causing contaminated fire water to enter water course. Loss of fuel resulting in contamination of ground water, ground and rivers. Disruption to commercial and industrial premises located within PIZ and local area. Casualties Fatalities Property damage Road and rail infrastructure disruption No fly zones 	
Secondary	
<ul style="list-style-type: none"> Public health issues-need for public information/advice. 	

<ul style="list-style-type: none"> • Disruption to Network Rail passenger and goods line • Disruption to road network- • Decontamination • Business as usual impacted • Disposal of contaminated waste • Longer term displacement of residents • Local economic impacts – loss of employment etc • Wider economic impact e.g on long term supply to customers 		
Overall assessment:		
Category:		
1. Industrial accidents and environmental pollution		
Likelihood	Impact	Risk Rating
Overall Medium Low	Overall	10
	Fatalities	1
	Casualties	1
	Economic	3
	Social Disruption	3
	Psychological	2
Medium		
Controls in place		
<ul style="list-style-type: none"> • Appropriate storage of fuel/chemicals • Stringent safety precautions • Material stored in conditions to minimise risk of incident • Regulatory systems • Multi-agency Off-Site Plan if applicable • Regular training and exercising - internal and external multi-agency • Identified rest centre locations for evacuation • Information sent to residents/businesses in the Public Information Zone if applicable • NRF Norfolk Emergency Response Guidance • NRF Norfolk Recovery Guidance • Norfolk Resilience Mortuary Plan • NRF Excess Deaths • Organisational Site specific plans • Humanitarian Assistance Plan • Norfolk Emergency Media Plan 		