



Broads Local Plan 2036

NPPF Paragraph 172 Public safety from major accidents Topic Paper

January 2016

1. Introduction

The NPPF at Paragraph 172 requires Local Plans to consider public safety from major accidents:

172. Planning policies should be based on up-to-date information on the location of major hazards and on the mitigation of the consequences of major accidents.

Five types of hazards were identified:

- Major hazard installations

Major hazards comprise a wide range of chemical process sites, fuel and chemical storage sites, and pipelines.

- Major accident hazard pipelines

These carry gas for example.

- Explosive sites

These sites are licensed to manufacture or store explosive materials. HSE would consider explosives sites to be those sites licensed by HSE for the manufacture and/or storage of explosives where the requirements of Regulation 13 (8) of ER 2014 apply. <http://www.hse.gov.uk/explosives/new-regulations.htm> .

- Nuclear installations

Installations and consultation distances that affect the Broads Authority Executive Area.

- Control of Major Accident Hazard Regulations (COMAH)

Such sites may include those involving gas storage or chemical production for example

These are not included in map format in this document because of security concerns.

2. Major Hazard Installations in the Broads

The Health and Safety Executive/Laboratory were contacted in January 2016. They advise that the consultation distances for these sites can be downloaded from their website. There are three areas near to the Broads Authority Executive Area that are classes as major hazard installations. One in Hoveton, one in Norwich and one in Horning.

3. Major Accident Hazard Pipelines in the Broads

The Health and Safety Executive/Laboratory were contacted in January 2016. They responded with some potential pipelines that could be of relevance to the Broads Authority.

RWE nPower plc operate a gas pipeline that skirts around the Broads Authority Executive Area at Casiter on Sea and the Trinity Broads. This pipeline does go through the Executive Area across the River Thurne between Ludham and Potter Heigham.

National Grid Gas PLC operates a gas pipeline that cross the Broads Authority Executive Area at two locations. It crosses the River Yare between Brundall and Norwich and cross the River Bure between Belaugh and Wroxham.

There are other pipelines which are likely to not be major pipelines (as they are not on the dataset from the National Grid website). Information provided from the Health and Safety Executive only have a start and end point. These additional pipelines are:

- Norwich to Loddon. The start point in Norwich is in the Broads Executive Area, at the car park at Whitlingham.
- Loddon to Hopton. This looks like it would pass through the Broads.
- Loddon to Wissett Lodge. This looks like it would pass through the Waveney between Beccles and Bungay.

4. Explosive Sites

The Explosive Sites Team of Health and Safety Executive were contacted in January 2016. They responded with some potential sites near to the Broads, but none of the sites provided are within the Broads. The nearest are at the port of Great Yarmouth.

5. Nuclear Installations

The Office for Nuclear Regulation was contacted in January 2016. They responded saying:

'On behalf of the Office for Nuclear Regulation, I can confirm that there are no (ONR) consultation areas around nuclear sites that extend into the area for which the Broads Authority is the local planning authority. There are therefore no nuclear major accident hazards that you would need to consider during the development of your Local Plan.'

6. Control of Major Accident Hazard Regulations (COMAH)

The Environment Agency advised in February 2016 that COMAH sites could be of relevance to this requirement of the NPPF. They assessed their data and concluded that there are no such sites within the BA area, but there are sites at Great Yarmouth; Norwich and Catfield. However, they are all at least 1km outside the Broads area.

7. Local Hazards

The Broads Authority identifies Cantley sugar factory. in the Oil Spill Contingency Plan. The only remaining potential for seagoing cargo traffic using the Broads system is the heavy fuel oil traffic to Cantley sugar factory.

8. Conclusion

There are no COMAH sites, nuclear installations or explosive sites of relevance to the Broads Authority Executive Area.

As the Local Plan is produced, it will be important to check proximity of any site allocations to the pipelines and installations.