

Overview

This standard is about identifying and responding to incidents of flooding. It covers both actual and potential flooding, and concerns work that is carried out alone or as part of a team.

This standard requires you to be able to assess the scale and potential development of the flooding and assist in formulating and implementing a plan of action.

You will need to liaise and work with people from other organisations such as the emergency services and other enforcing authorities.

You must carry out your work in a way which will minimise any impact on the natural environment and enhance its nature, conservation and recreational value.

This standard is designed for employees and volunteers who are identifying and responding to incidents of flooding.

Performance criteria

You must be able to:

- P1 accurately assess and record the scale of the incident and its likely rate of development
- P2 carry out accurate and complete inspections of the area
- P3 ensure that environmental and health and safety policies and risk assessment requirements are put into practice across your area of responsibility
- P4 ensure your methods for dealing with the incident take into account all relevant factors, instructions, organisational requirements and the changing circumstances of the incident, impact on the environment, humans and the economy, as well as on the health and safety of all persons and the rate of response
- P5 take action to implement the appropriate methods for dealing with the incident and complete operations within the required timescales
- P6 communicate sensitively and appropriately with members of the public, colleagues and professional partners
- P7 select, prepare and use tools, equipment and materials that meet the agreed specifications to deal with the incident
- P8 monitor the extent and impact of the incident against the organised response and make any necessary modifications to the plan
- P9 monitor the effect of the methods used to deal with the incident
- P10 report promptly on the effectiveness of the response to the incident and the effect this may have on the area at risk

Knowledge and understanding

You need to know and understand:

- K1 the types of incidents which may occur in the locality and the necessary response to such incidents
- K2 the methods for inspecting the site and interpreting site information
- K3 the ways in which incidents can change and the required response to such changes
- K4 the ways in which plans are produced to cover equipment needed, safety and welfare considerations, access routes, necessary actions, flood alert levels and emergency plans
- K5 the limits of responsibility in relation to dealing with the incident
- K6 the levels of flood warning and the relevant response
- K7 ensure that environmental, health and safety policies and risk assessment requirements are put into practice across your area of responsibility
- K8 the ways in which the response to the flooding may impact on the environment and how to modify plans to take into account the environmental considerations
- K9 the health risks associated with polluted water in spate and associated decontamination and personal health precautions
- K10 how to recognise and report potential pollution problems
- K11 the relevant legislation and organisational requirements associated with incidents of flooding
- K12 how to communicate effectively with emergency services and members of other enforcing authorities
- K13 how to give advice to the public sensitively and sympathetically
- K14 your lines of communication with colleagues and professional partners
- K15 how to maintain environmental good practice during work activities
- K16 how to select, prepare and use tools, equipment and materials relevant to the agreed specifications
- K17 the uses, limitations and inspection regimes of temporary defences
- K18 reasons why the incident must be monitored and types of modifications which may be required
- K19 how to select, prepare and use tools, equipment and materials relevant to the agreed specifications
- K20 types of obstructions and blockages which may occur

Scope/range

Incident:

- 1 actual flooding
- 2 potential flooding

Glossary

Methods:

- sandbagging
- bank reinforcement
- removal of obstructions
- operating defence barriers
- screen clearance
- pallet defences
- fences

Developed by Lantra

Version number 1

Date Approved March 2012

Indicative review date March 2017

Validity Current

Status Original

Originating organisation Lantra

Original URN LANEC5

Relevant occupations Environmental Management Officer; Estate Worker; Ranger

Suite Environmental Conservation

Keywords flood; flooding; sandbagging; bank reinforcement; barriers
