



Forest Gate Cable Route

Flood Action Plan (FAP)

(Construction Phase)

Date: October 2025
Document Number: Forest Gate / HSEQ 01

Issue/ Revision	Prepared by	Date:	Reviewed by	Reviewed Date	Remarks
01		October 25		October 25	



1.0 Introduction

The purpose of this Flood Action Plan (FAP) is to set out the operational arrangements for preparing and reacting to flood events. The Plan focuses on the risk to the Contractors temporary working area beside the River Avon.

This FAP has been produced JT Utilities Ltd. and developed in conjunction with the Environment Agency.

The Principal Contractor (JT Utilities Ltd.) will be responsible for activating the FAP.

2.0 Flood Risk

The temporary working area is at risk of flooding from the River Avon, and subsequently has been added to the Environment Agency (EA) Flood Warning System.

People on site must remain vigilant of river conditions, as weather conditions may impact the level of defence the site has.

3.0 Flood Warnings

The EA operate a flood forecasting and warning service in areas at risk of flooding from rivers or the sea, which relies on direct measurements of rainfall, river levels, tide levels, in-house predictive models, rainfall radar data and information from the Met Office. This service operates 24 hours a day, 365 days a year.

If flooding is forecast, warnings are issued using a set of easily recognisable codes (a description of the codes is shown in appendix 1).

4.0 Floodline Register

The Principal Contractor, JT Utilities Ltd, is registered with the EA Flood Warning Service and will receive warnings through this system.

Emergency Flood Action Plan



Within JT Utilities Ltd. the warning(s) is cascaded to Barrie Couch, who for the purpose of the FAP will be referred to as the Operator.

Name: Barrie Couch
Tel:
Mob: 07557941966
Email: barrie@jtutilities.com

Back-up operators in absence of main Operator are:

Name: James Teenan
Tel:
Mob: 07712445148
Email: james@jtutilities .com

Name:
Tel:
Mob:
Email:

Name:
Tel:
Mob:
Email:

5.0 Estimated FLOOD ALERT Lead Time

For this location the estimated lead time provided by the EA is **2 hours for RIVER**. A more accurate estimation will be provided when the alert / warning is issued.

6.0 Areas Designed to Flood



The working area defences are designed to potentially overtop in an extreme flood event. A warning system will be implemented, and all site users will be made aware of this risk as part of their site induction.

7.0 Decision Making

Below is a list of the different notifications the Operator may receive from the EA whilst registered under their flood warning service. Information on each notification type can be found within the appendices.

- Flood Guidance Statement (FGS)
- Met Office Weather Warning
- Catchment Max Alarm
- Flood Alert
- Flood Warning
- Serve Flood Warning

An alarm will be raised by the Operator when a specific warning or trigger is received, and the Operator will need to decide what action to take.

During normal working hours the Operator will have a small window of opportunity to implement flood protection in the event of a RIVER flood alert / warning. Outside normal working hours the Operator will be unable to react to a RIVER flood alert / warning. The Operator should therefore look to prepare for flood following advance notifications.



8.0 Response Actions / Considerations

8.1 Site Evacuation Procedures & routes

All site personnel including visitors will be inducted, ensuring they are aware of the following evacuation procedure.

1. The Operator will either directly inform those potentially affected by the flood warning or instruct the supervisor / foreman to do so on his behalf.
2. Construction activities will cease immediately, and service supplies will be disconnected.
3. Operatives, supervisors and visitors will make their way to the site carpark - the area of safe refuge - to await further instruction from the Operator, which may include the deployment of flood protection.

Particular attention should be given to the communication of warnings to those working within the site, including those whose hearing, sight and mobility may be impaired due to ongoing construction activities. In the event of a communication block, alternative methods of communicating warnings and subsequent decisions will need to be agreed and understood by all individuals at their site induction.

8.2 Deploying Flood Protection

RIVER EVENTS

If time allows, one stage of pre-emptive flood protection tasks will be carried out.

1. **STAGE 1** - Plant, equipment and materials will be removed from the works area and stored on higher ground.

STAGE 1 will be implemented once a **FLOOD WARNING** has been issued.

STAGE 1 will be implemented at the end of each working day if advance notification forecasts heavy rain and/or a risk of flooding. If immediate flooding is forecast and the opportunity to safely carryout Stage 1 has past, reoccupation of the works area will not be permitted until the EA flood warning is no longer in force.



8.4 Reoccupation of the Site

Following a flood event there may well be new environmental hazards requiring special attention before planned works can recommence. The Operator will be responsible for carrying out a risk assessment and identifying any actions to safeguard those returning to the works area.

8.6 Document Control

This plan is owned, maintained, and updated by JT Utilities Ltd. All users are asked to advise the operator of any changes in circumstances that may materially affect the plan in any way.

The plan will be reviewed following any change to the flood risk or warning process that is used by the Environment Agency.

Monitoring and record keeping is required so that performance and downtime can be assessed, to provide invaluable information for ultimately deciding if these operational procedures need updating.

Appendix 1 - Environment Agency Warning Codes

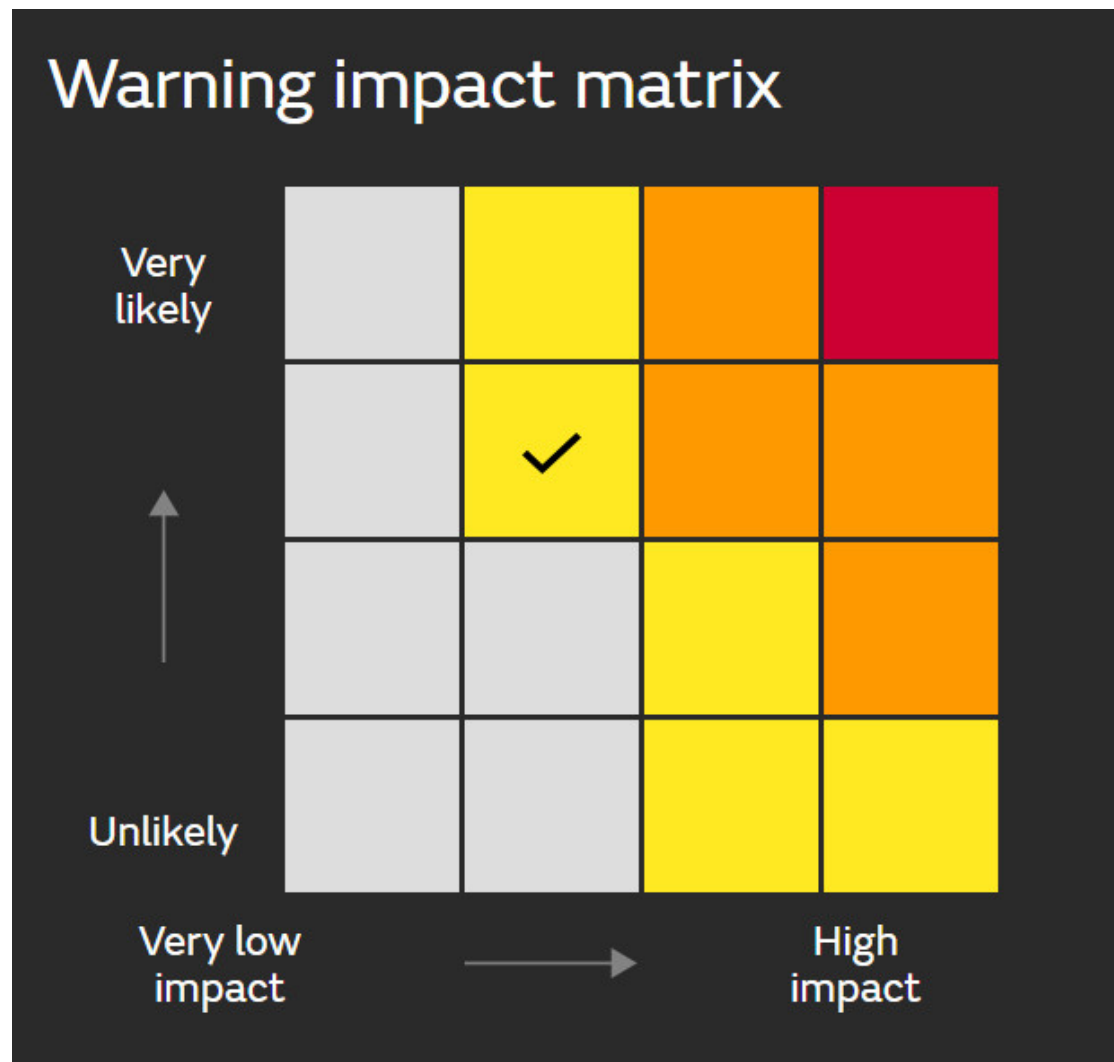
<u>Flood Alert</u> 	Key: Flooding is possible. Be prepared Message: 2 hours to 2 days in advance of flooding Timing: Be prepared for flooding Actions: Prepare a flood kit of essential items Monitor local water levels and flood forecasts
<u>Flood Warning</u> 	Key: Flooding is expected. Immediate Action Required Message: Half an hour to 1 day in advance of flooding Timing: Act now to protect your property Actions: Block doors with flood boards or sandbags and cover airbricks and other ventilation holes Move family, pets and valuables to a safe place Turn off gas, electricity and water supplies if safe to do so Keep a flood kit ready Move cars, pets, food, valuables and important documents to safety
<u>Severe Flood Warning</u> 	Key: Severe flooding. Danger to life Message: When flooding poses a significant threat to life and Timing: different actions are required Stay in a safe place with a means of escape Actions: Be ready should you need to evacuate from your home Co-operate with the emergency services Call 999 if you are in immediate danger
<u>Warnings no longer in force</u> (no icon)	Key: No further flooding is currently expected for your area Message: When river or sea conditions begin to return to normal Timing: Be Careful. Flood water may still be around for several Actions: days and could be contaminated If you've been flooded, ring your insurance company as soon as possible

Emergency Flood Action Plan



Warnings are removed to inform people that the threat has now passed.

Appendix 2 – Met Office Weather Warning Codes





Appendix 3 – Met Office Rain Warning Impact Levels

Very Low	Low	Medium	High
A few places will have flooding of low-lying land and susceptible roads. A few transport routes affected. Road conditions affected with spray and some standing water in a few places.	Some flooding of homes and businesses and susceptible roads. Some transport routes and travel services affected. Some journeys require longer travel times. Road conditions affected by spray and standing water. Short term disruption to utilities and services in some places.	Flooding of homes and businesses. Danger to life from fast flowing/deep water. Damage to buildings/structures. Transport routes and travel services affected. Longer journey times expected. Some road closures. Difficult road conditions due to spray and standing water. Interruption to utilities and services. Some communities temporarily inaccessible due to flooded access routes.	Widespread flooding of homes and businesses. Danger to life from fast flowing/deep water. Extensive damage to and/or collapse of buildings/structures. Transport routes and travel services disrupted for a prolonged period. Long travel delays. Widespread road closures. Dangerous driving conditions due to spray and standing water. Prolonged disruption to or loss of utilities and services.



Very Low	Low	Medium	High
			Communities become cut off for a prolonged period, perhaps several days, due to flooded access routes.

Appendix 4 – Flood Guidance Statement (FGS)

Provides flood forecast information for five days, highlighting the risk for all types of flooding, including fluvial and tidal/coastal.

http://www.fcc-environment-agency.metoffice.gov.uk/services/FGS_User_Guide.pdf



Appendix 5 – Environment Agency Catchment Max Alarm

Once catchment is estimated to be at capacity an alarm is raised, which may lead to a flood alert.

<https://environment.data.gov.uk/catchment-planning/search?type=placename&k=SIDMOUTH&q=http://environment.data.gov.uk/catchment-planning/so/Town/sidmouth>