

Flood Warning Inspection

Scope

Includes: Inspection of track after flooding
Excludes: Examination of any supporting structures or earthworks to determine damage due to scour or water logging

Preparation

Tools, equipment and plant items required but not limited to:

- Hand tools appropriate to the track to be inspected

Work planning considerations:

- Scope of inspection to be undertaken
- If any track has been closed to traffic because of flooding, then the track must remain closed to traffic until the flood water subsides and the track and all affected structures have been checked.
- A special examination of any supporting structures or earthworks to determine damage due to scour or water logging shall be undertaken in addition to the inspection of the track.

Method

1. An inspection on foot shall be carried out after flooding, when the water has subsided.
2. During the inspection the features to be observed are listed in NR/SP/TRK/001 and additionally, conditions created by the flooding are detailed below:
 - Deposition of material on the track
 - Collection of debris in flangeways, point openings, at track-mounted equipment, etc;
 - Undermining due to ballast washout;
 - Increased slurring of formation;
 - Continuing functioning of the drainage system

This shall be in addition to examination of any supporting structures or earthworks to determine damage due to scour or waterlogging

3. Revised priorities for exiting work and new items shall be recorded and progressed through Ellipse.

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References

Supports Ellipse Standard job

- 009053 Flood Warning Inspection

If applicable refer to the following associated documents:

- NR/SP/TRK/001 Inspection and Maintenance of Permanent Way
- NR/L3/MTC/TK0167 Management of flood actions at Structures and Earthworks
- Risk Control Sheets:
- NR/L3/MTC/0002/TK000 Generic Track Risks
- NR/L3/MTC/0002/TK001 Track Patrol – Foot & Mechanical
- NR/L3/MTC/0002/TK002 Track Inspections
- NR/L3/MTC/0002/TK005 Flood Inspections

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