

Thirsk Malton AC

Malton, Norton and Old Malton flooding update

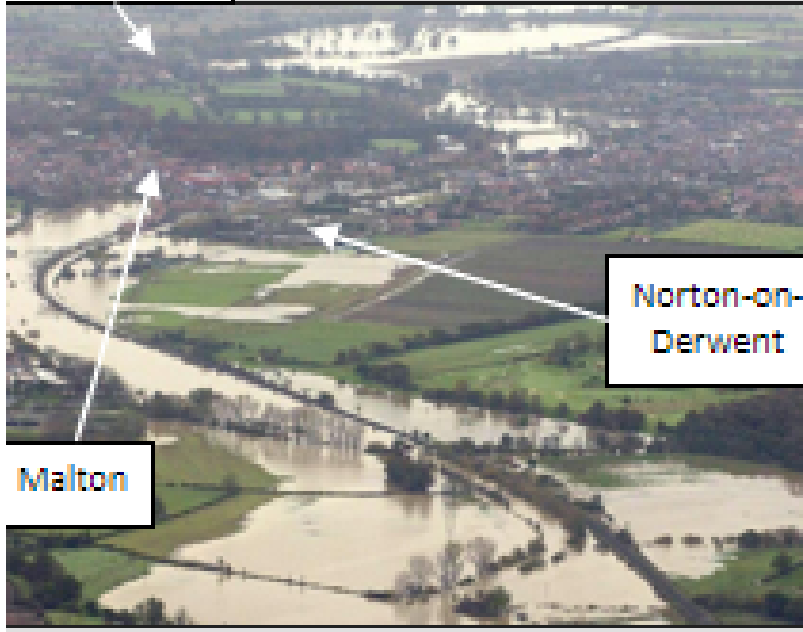
27 September 2024

Richard Marr and Beckie Bennett (North Yorkshire Council)

Joe Allan and Ian Cooke (Environment Agency)

Samuel Jackson (Yorkshire Water)

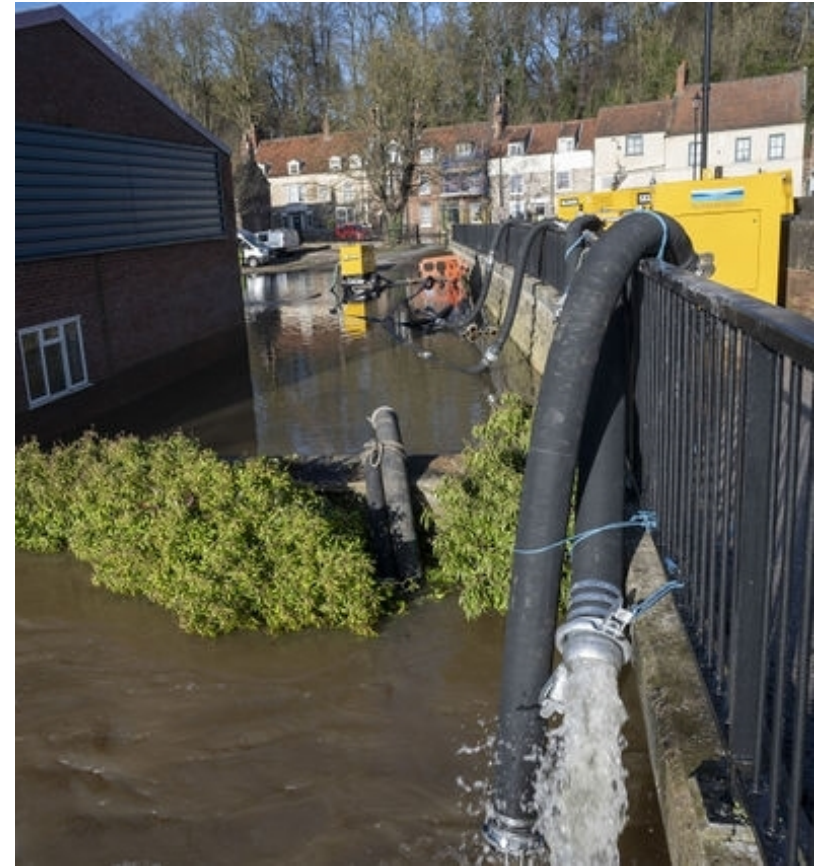
Old Malton



Malton

Norton-on-Derwent

Flooding in Malton & Norton



Malton, Norton & Old Malton flood risk

Agency Roles and Responsibilities

- Environment Agency
- Yorkshire Water
- North Yorkshire Council

2003 Flood Alleviation Scheme

- The scheme works at reducing flood risk from the river
- The scheme was not funded to manage Surface water and Ground water risk
- The scheme has highlighted issues with drainage networks when the river is high
- In 2002 EA liaised with Ryedale DC and Local landowners and Business to develop flood plans. This evolved into the current Multi-Agency Pumping Guide

2023/24

Hydrology

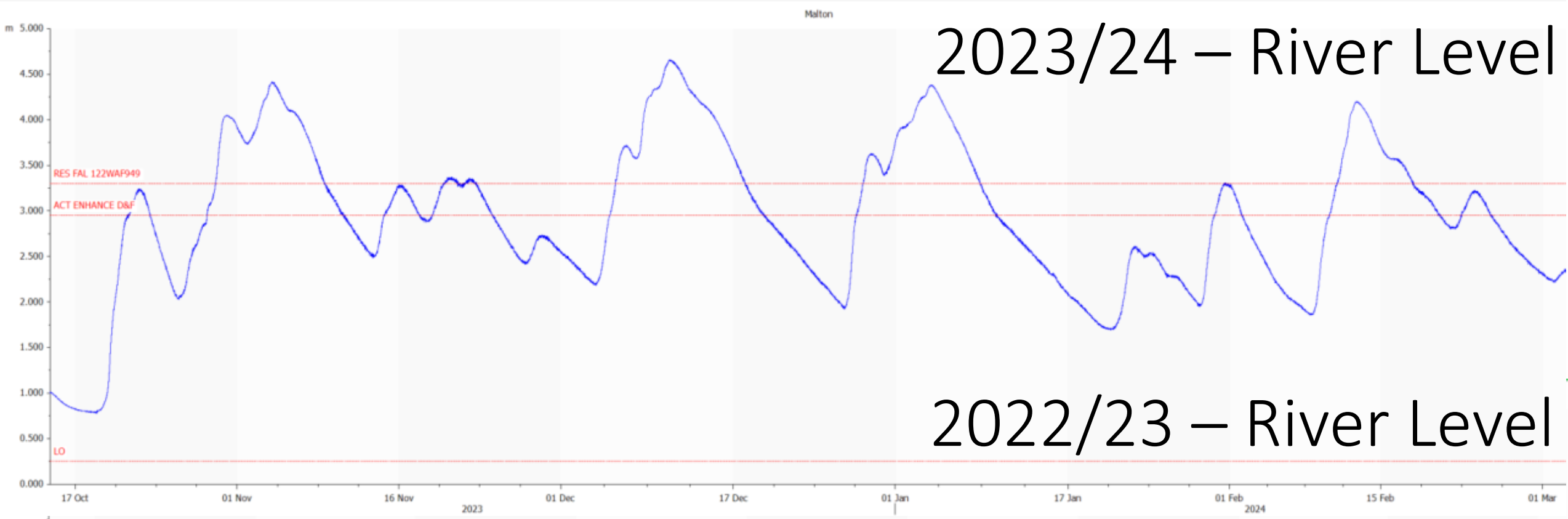
- Wettest winter
- 10+ named storms
- Derwent ~ 4.7m peak but no overtopping
- 3.3m+ 2-3 months
- Groundwater 'trigger' ~ 3 months, impacts around Castlegate
- Mill Beck PS ran for ~ 20 weeks

= Sustained loss of gravity drainage

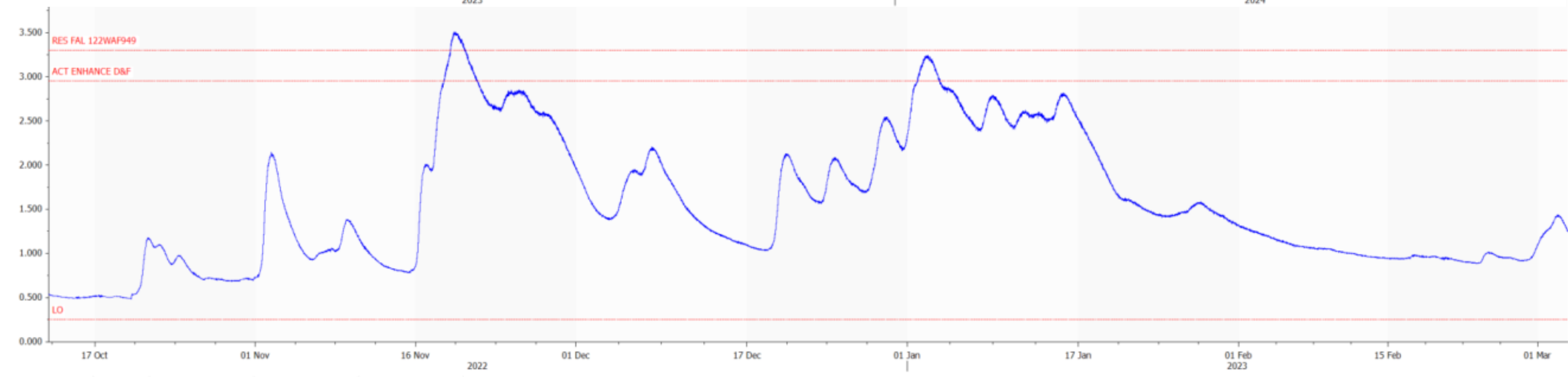
Operations

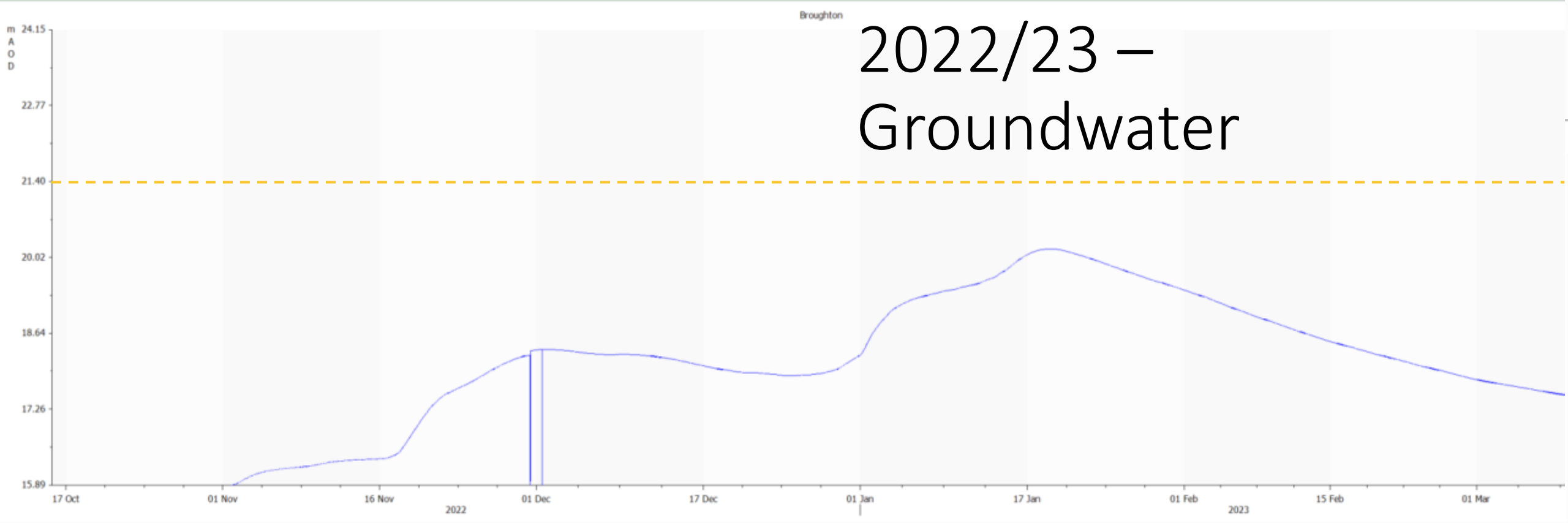
- 19 temporary pumps deployed
- EA costs ~ £363k
- Good:
 - Sufficient assets and manpower
 - RMA co-ordination
- Learning:
 - Pumps were being switched off
 - Bridge closure too early

2023/24 – River Level



2022/23 – River Level



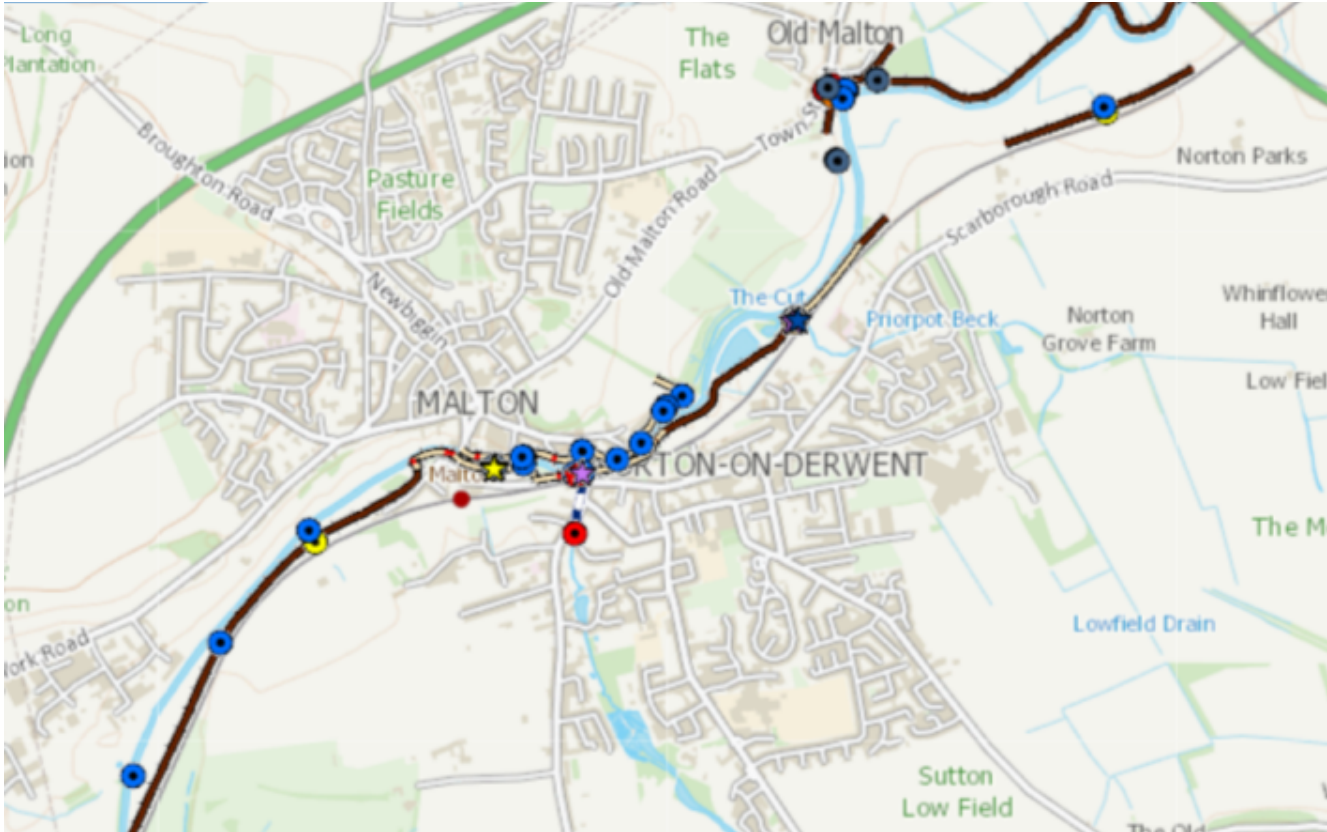


Revenue Investments

- Intermittent Maintenance
 - ~£3m last 3 years:
 - Priorpot Beck Wall
 - Wallgate Flood Wall
 - Mill Beck Pump
 - Mill Beck flap valve
- Routine Annual Maintenance:
 - Grass cutting
 - Vegetation clearance
 - Blockage removal
 - Outfall Inspections
 - Invasives

Capital Investments

Capital



- 2003 – Malton & Norton FAS
- 3 Projects started 2022:
 - Est~£8-12m
 - Main Alleviation Scheme review
 - Mill Beck Pumping Station
 - Priorpot Beck Pumping Station
 - Maintenance / Efficiency
- Natural Flood Management
- Sea Cut
- Catchment Overview

Malton, Norton & Old Malton flood risk

- History
- Reports & investigations
- Malton, Norton & Old Malton pump plan
- Winter 2023/24
- Future

Next steps

- Community engagement
- Newsletter
- Further information can be found on the Local Resilience Forum [website](#)

Questions?