

Flood Recovery Works East Locality

Recovery and Remedial Works Completed.

Doncaster Council

Pinfold Gardens, Fishlake – De-Silting of watercourse

Thorpe Lane, Thorpe in Balne – De-Silting of watercourse

Plumtree Hill Lane, Fishlake – De-Silting of watercourse

Pinfold Lane Fishlake – Cleansing of watercourse after oil spill

Chapel Lane, Sykehouse – Pipe Jacking for new installation of pipework

Borough Wide – Telemetry Check and Installation

Borough Wide – Grips dug in verges and inlet kerbs

Plantation Road, Thorne – PFR installed to 1 property

Environment Agency

At many locations, EA have put temporary defences and contingency arrangements in place for all of the identified issues and will continue to inspect the temporary defences regularly until the permanent repairs are complete, and in advance of forecast high river levels.

Scheduled Recovery / Remedial Works

Doncaster Council

Hawkhouse Green Lane, Moss – Installation of Drainage Assets

Moor Lane, Kirk Sandall – De-Silting of watercourse

Cheviot Close, Thorne – Pumping Station Installation

Mulberry Avenue, Moorends – New drainage installation

Fieldside, Edenthorpe – PFR Installation to 18 Properties

Broad Lane, Sykehouse – PFR Installation to 2 Properties

Internal Drainage Boards (Danum)

Real Time Monitoring & Control – New telemetry and SCADA system to 85 Pumping Stations across boundary.

Washland Reservoir Management – ‘Daylight’ Taining drain to compliment the EA works to raise fishlake barrier.

Clay Dyke – Feasibility works to determine improvements required.

Humber Head Levels Capital Maintenance Strategy – Hydro-Economic modelling of Humber head levels to support RMA schemes going forward.

Environment Agency

Fishlake Barrier Bank - A full detailed survey of the embankment is required to ensure a consistent standard of protection (SOP) is delivered across the whole length. Identified low spots and or areas of deficient bank are to be rebuilt to modern standards.
Estimated Completion spring 2021

Fishlake Nab floodwall and embankment repairs - Entire length of known areas of seepage to have cut-off installed within existing embankment. Estimated Completion spring 2021

Fishlake Stop logs - Stop log structure(s) need replacing with passive structure(s) x 3.
Estimated Completion spring 2021

Sour Lane outfall, Fishlake - Tidal doors broken and silted up, full inspection and repairs required. Estimated Completion winter 2020

Environment Agency (continued)

Stainforth Huddle Erosion - Slips on foreshore along defence line investigation required into damage extent, repair damage utilising most appropriate measures as prescribed by investigation. Estimated Completion spring 2021

Stainforth Huddle Sheet Piles - Investigation required into damage extent, repair damaged embankments utilising most appropriate measures as prescribed by investigation. Estimated Completion spring 2021

Stainforth to Thorne depot embankment - Asset to be surveyed to identify exact locations of low spots and scour. Strip topsoil and regrade where required, using cohesive material and topsoil, seed. Estimated Completion spring 2021

Taining Drain culvert - Outfall failed to operate as required during event. Scope to be confirmed following detailed surveys. Estimated Completion spring 2020

Taining Drain, left bank - Asset to be surveyed to identify exact locations of low spots. Strip topsoil and regrade where required, using cohesive material and topsoil, seed. Estimated Completion winter 2020

Taining Drain, outfall sluice - Clear debris from around structure. Make good scour damage to adjacent tie-in defences. Estimated Completion spring 2021

Taining Drain, pump scours - Erosion on embankment from pumping operations to evacuate water. Estimated Completion spring 2021

Taining Drain - silt clearance and repairs. Estimated Completion spring 2021

Blackshaw Clough Tidal Doors - Estimated Completion autumn 2020

Kirk Bramwith Bridge defence repairs - Erosion on embankment, scour around bridge structure. Estimated Completion autumn 2020

Kirk Bramwith Bridge defence repairs - Erosion on embankment, evidence of minor overtopping. Estimated Completion autumn 2020

Kirk Bramwith New Cut - Erosion/low section (upstream Stainforth Bridge). Estimated Completion autumn 2020

Right Bank, downstream Kirk Bramwith Aquaduct - Low spot in embankment. Estimated Completion autumn 2020

Right Bank, downstream Kirk Bramwith Aquaduct 2 - Low spot in embankment approximately 160m further downstream. Estimated Completion autumn 2020

Stainforth, Don Old Course penstocks - Full inspection and repairs to penstock/doors required. Estimated Completion autumn 2020

EA Beck outfall - low spots. Estimated Completion spring 2020

Environment Agency (continued 2)

Bank House Farm seepage - Seepage through embankment noted at several locations. Exact locations of seepage to be investigated through intrusive means and 'cut-off' measures installed. Estimated autumn 2020

Topham Farm Green, Topham (Sykehouse Barrier Bank) - Erosion and low spot on Sykehouse embankment. Asset to be surveyed to identify exact locations of low spots. Strip topsoil and regrade where required, using cohesive material and topsoil, seed. Estimated Completion autumn 2020

Embankments adjacent to Soak Dike Sluice - Reports of leakage through embankment during flood event. Identify locations and implement repairs to cut off any flow routes through defence. Estimated Completion autumn 2020

Ivy House Farm Floodwall - Investigate wall condition (structural), replacement of seals where required. Estimated Completion autumn 2020

Post holes River Don foreshore, Ivy House Farm - Erosion on embankment, flood waters scoured around post holes left unfilled from removal of historic fence line. Locate and backfill all post holes with cohesive material, ensuring compaction, topsoil and seed. Estimated Completion autumn 2020

Selby Rd Piles - Inspection of sheet piles required to confirm integrity, reveal spot repairs where needed. Estimated Completion autumn 2020

Soak Dike Sluice - Inspect and replace broken parts to ensure future operability. Estimated Completion autumn 2020

Sykehouse barrier bank repairs - Confirm low spot extent through survey, strip topsoil and rebuild bank to required height with cohesive material, topsoil and reseed. Estimated Completion autumn 2020

Topham Ferry Farm - embankment to rear (Sykehouse Barrier Bank). Asset to be surveyed to identify exact locations of low spots and scour. Strip topsoil and regrade where required, using cohesive material and topsoil, seed. Estimated completion spring 2021, but will be winter ready by autumn 2020

Vacuna - Infrastructure improvements needed to continue providing protection to property. Estimated completion spring 2021, but will be winter ready by autumn 2020

Went Confluence access/penstock/flap valve repair - Erosion on access track, crucial for asset operation, tidal doors damaged. Estimated Completion autumn 2020

Went End emergency pump infrastructure - Resilience measure to enable temporary pumping to be deployed easier. Include for repairs to embankment caused by deployment during incident. Estimated Completion autumn 2020

Future Proposed Flood Alleviation Schemes

Doncaster Council

Fishlake – Raised Defences and increase standard of protection from bank.

River Don – Modelling Catchment

River Went – Modelling Required

Internal Drainage Boards (Danum)

Lake Outfall Pumping Station – Capital Maintenance scheme to refurbish or replace pumping station.

Town Drain Pumping Station - Capital Maintenance scheme to refurbish or replace pumping station.

Environment Agency

Taining Drain Outfall, Fishlake – Estimated completion 2030

Fishlake Nab Wall and Embankment Refurbishment – Estimated completion 2026

Kirk Sandall Pumping Station Refurbishment – Appraisal work started, estimated completion 2025

Don Catchment Regulators – appraisal work started, estimated completion 2022/2023

Dearne Washlands Optimisation Works - appraisal work started, estimated completion 2025/2026

Wilder Waterways in Lower Don – appraisal work started, estimated completion 2024

Upper Don Source to Sea - Nature Based Solutions Programme - appraisal work started, estimated completion 2025/2026

Middle Don Source to Sea – Nature Based Solutions Programme – appraisal work started, estimated completion 2027

Lower Don Source to Sea – Nature Based Solutions Programme – appraisal work started, estimated completion 2031