



**YOUR TEES CATCHMENT
PARTNERSHIP ACTION
PLAN – MARCH 2024**

Produced by:

Tees Rivers Trust



Middlesbrough Borough Council logo



Catchment Management Plan for Your Tees Catchment Partnership

Introduction

Through the EU Water Framework Directive (WFD), the UK has committed as an absolute minimum to achieving no deterioration in the overall ecological status or individual elements that make up that status.

The default objective is to achieve good ecological status in all surface and groundwater bodies by 2027.

As the WFD states, “Water is not a commercial product like any other but, rather an heritage which must be protected, defended and treated as such”.

The measures needed to achieve good ecological status are many and varied, tackling point source and diffuse sources and the physical modifications that restrict water life. All the players have a part in achieving the objectives.

The Catchment Based Approach (CaBA) policy framework was adopted by Defra on 3rd June 2013 to improve the water environment through catchment-level engagement, planning and delivery. The aim is to balance environmental, economic and social demands and align funding and actions within river catchments to bring about long-term improvements.

We recognise that people value their rivers and by promoting and encouraging community involvement and ownership of local waterbodies we can achieve wider benefits to society often termed WFD+.

The Mighty Tees 2023

The Tees catchment includes a linked network of surface (river and lake), ground, transitional (estuary) and coastal waterbodies.

76 rivers (surface water)

11 lakes (surface water)

1 estuary (transitional)

1 coastal

4 groundwater

The 2023 condition of the 87 surface water bodies in the Tees catchment is shown below.

Ecological status or potential	Bad	Poor	Moderate	Good	High	Total
Number of water bodies	9	18	47	13	0	87
Number of water body elements	16	44	90	80	579	809

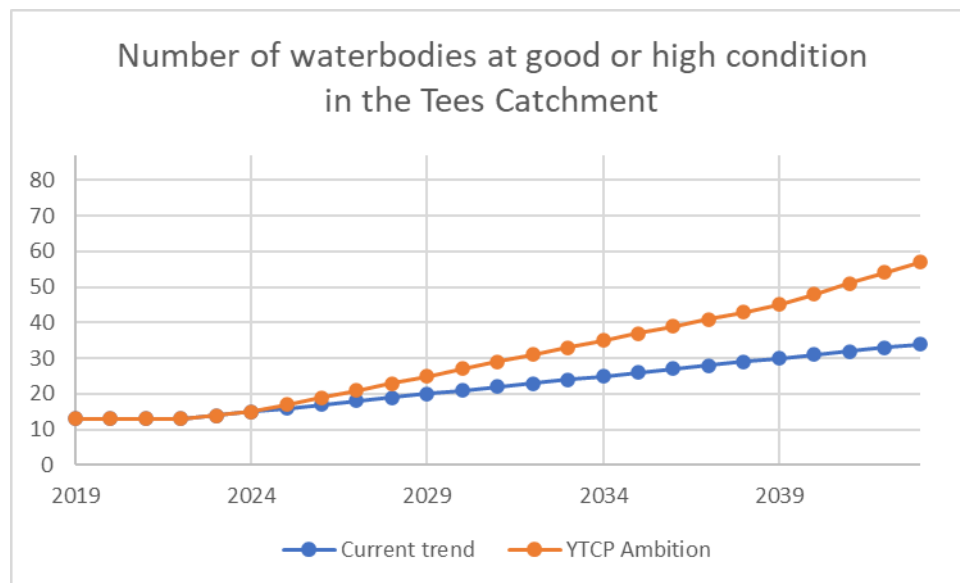
The Tees estuary waterbody is at “Moderate” ecological condition including due to excess nutrients and physical modifications.

The Tees coastal waterbody is at “Moderate” ecological condition due to physical modifications.

Of the 4 groundwater bodies lying under the Tees catchment, 3 are in “Poor” quality condition and 1 is at “Good” condition.

Trend

The table below illustrates the current trend and the outcome that might be achieved with current levels of activity:



Aim

The goal of the YTCP is to have 57 (65%) waterbodies achieving good or high condition by 2043. We currently have 13 (15%) at the target good ecological status or potential. As comparison the UK Environment Plan target is for 75% of waterbodies to be at good ecological status or potential. Our lower target reflects the greater extent of improvements required in the Tees Catchment.

The Your Tees Catchment Partnership will provide a catchment-focussed hub for sharing best practice; identifying complementary activities that may share resources and avoid duplication of effort; act as a dissemination point for catchment matters and identify and act on opportunities for partnership funding bids.

1.0 Our Vision for the catchment

Our vision is a thriving Tees resilient to future effects of climate change which connects communities and empowers collaboration between business and land owners.

This Plan is about action. Action to improve our rivers, and action to raise awareness and educate people about the importance of rivers.:

- **River Quality**
 - By 2027, the Tees is an improved and healthier system because people understand the importance of a healthy river and the benefits it can provide to people.
- **Stewardship**
 - The YTCP will engage communities, water managers and users in determining the ecosystem services provided by water bodies and enabling action to maintain and improve the natural heritage of the Tees to develop opportunities with partners to grow the Tees network of Citizen Scientists
- **Economy**
 - The YTCP will raise the profile of the Tees internationally, nationally and regionally and will work towards increased sustainable use of the river for recreation and tourism and an environment that supports and catalyses growth
- **Access**
 - To promote and facilitate the use of the Tees for everyday recreation, health and well being and seek to increase also their sense of responsibility and empowerment to care for a healthy river.
- **Biodiversity**
 - The YTCP will help monitor the current state of the biodiversity and habitats of the Tees catchment and encourage a living, connected network of thriving aquatic, marine and terrestrial habitats

1.1 Our priority themes for the catchment

During the consultation process for this plan the following themes were identified as priorities to delivering the vision of the partnership. These themes will steer the direction of the partnership and will be reviewed annually by Partners.

Key overarching themes for the next phase of the action plan are:

- Education and engagement
 - Improving awareness with decision makers, schools and the general public of what a good waterbody looks like and how to become better stewards of our water environment.
 - Improving the awareness and understanding ecosystem services provided by waterbodies and the value of these.
 - Organising an annual Tees bio-blitz to engage a new audience of river enthusiasts
 - Support land managers in accessing new financial incentives that improve the water environment.
- Building a living Tees information bank
 - Using citizen science to undertake wider investigation of all waterbodies

- Engaging universities and researchers in the design of citizen science data collection methods and on data analysis
 - Creating an open access portfolio of data and photographic evidence
 - Training and empowering catchment volunteers in opportunities such as Riverfly
- Developing Catchment Clusters and Thematic groups
 - Similar focus points for action across the whole catchment to be grouped into clusters for landscape scale work, these can also be tackled individually on a case by case basis where appropriate.

Targeted sub catchment clusters to collect evidence of reasons waterbodies are less than good

 - Physical barriers to migratory species
 - A catchment fishery policy and monitoring fish health (toxicology)
 - Agriculture and land management
 - Invasive Species management and monitoring
- Developing Specific Catchment Strategies and Plans
 - A catchment fishery policy and monitoring fish health (toxicology) including physical barriers to migratory species
 - Agriculture and land management support
 - Invasive Species management and monitoring
 - Water dependent habitat restoration
 - Urban River Restoration
- Becoming a strategic “water body” partner for the 3 Local Nature Recovery Strategic Lead Authorities
 - Delivering targeted advice and actions for wider national initiatives
 - Provide a strategic overview for planning authorities on water habitats and potential Biodiversity Net Gain opportunities across the catchment.

2.0 Data & Evidence to underpin a weight of evidence approach. -

This catchment plan is based on a weight of evidence approach. The key sources of evidence which we have used to identify where we will focus and what we will do are:

2.1 Nationally consistent evidence base

CaBA data package for our catchment: (<https://data.catchmentbasedapproach.org/pages/explore-data>) The 'CaBA Data&GIS User Guide' explains which layers are available, what they mean and how they can be used. There are over 100 data layers available for this catchment which identify the spatial pattern of opportunities, issues, characteristics and the possible sources of the issues. This weight of evidence is being improved by collecting local datasets and working with local organisations in the catchment. This data coupled with 'Local Evidence' and 'Priority Places' below provide the weight of evidence required to deliver projects which will benefit the lives of people and wildlife living in this the catchment.

2.2 Local Evidence

In addition to the national datasets available in the CaBA data package and via government open data initiatives, local data and evidence (including modelling) is important for helping to pinpoint issues, identify solutions and monitor outcomes in our catchment in the same way that by identifying issues will also identify what data is required to be collected.

A key output of this action plan is to create an online catchment living data library for all partners to be able to use and share. The collection of local evidence will be targeted to places where there are gaps causing uncertainty over the actions required to achieve good ecological status.

2.3 Priority places

We are prioritising where we will undertake actions to meet our aims, and have used the following resources to help the partnership focus delivery where it will bring the greatest benefit:

Source	Description	Link
Catchment Data Explorer	Central to the CaBA planning process. Used to help identify where the issues are and the likely causes.	https://environment.data.gov.uk/catchment-planning/ManagementCatchment/3093
EA Bathing Water Explorer	Used to identify whether runoff influences bathing water quality and compliance with the Bathing Water Directive.	https://environment.data.gov.uk/bwq/profiles/
Catchment Flood Management Plan	Used to check planned actions for reducing flood risk in the Tees catchment; identify opportunities to create multi-benefit actions; identify opportunities to add flood risk benefits to other planned projects	https://www.gov.uk/government/publications/river-tees-catchment-flood-management-plan
Countryside Stewardship Statements of Priorities	Used to identify where Natural England has identified water quality or flooding as a priority issue for allocation of countryside stewardship grants.	https://www.gov.uk/government/publications/countryside-stewardship-priority-statement-hensbarrow-nca154/countryside-stewardship-statement-of-priorities-hensbarrow-nca154
Northumbria Water asset	Used to understand where the priorities are for the water company	https://www.nwg.co.uk/ourplan

management plan 7	and identify opportunities for partnership working.	
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There are many organisations looking to prioritise where they spend money and undertake actions to provide the best outcome for their particular objectives. The best way to make use of these different prioritisation tools and plans is to use them in combination to identify areas of the catchment, and possible projects, as well as engaging partners to deliver multiple benefits, as this will provide a strong business case for future funding bids.

3.0 Delivery or project plan.

3.1 What are we currently doing in the catchment?

Below are a selection of the projects currently being delivered. A full list of partners and projects can be found in Annex 1.1 and 2.1.

Project Name	Lead	Description
Thriving Catchments	Northumbrian Water Group	For AMP 8 a partnership with the National Rivers Trust has created a regional catchment hub to identify opportunities for creating a hub of research and expertise. The Skerne, Leven and Clow Beck have been identified as priority areas as part of NWG's commitment to reduce P in the Tees by catchment solutions. A multi-partner specialist team is being assembled to deliver practical solutions with the Tees Rivers Trust.
Countryside Stewardship Scheme	Natural England	Countryside Stewardship priority areas have been expanded across much of the catchment and additional staffing resource is leading to more delivery of plans among Tees catchment landowners.
Tees Tidelands	Environment Agency	Tees Tidelands is now delivering a partnership programme of works across the Tees estuary to restore and realign heavily modified water courses, reduce flood risk in tidal creeks and create new intertidal features such as saltmarsh and seagrass meadows
Tees Estuary Edges	Tees Rivers Trust	Estuary restoration using soft engineering has led to the creation of a Tees Estuary mariculture hub where seagrass plants are grown terrestrially and native oysters are being reared for restoration of Teesmouth. Includes Stronger Shores and TERI projects.
TERN	Natural England	TERN project to work on building a resilient estuary partnership to work collaboratively and pool expertise to attract long term financing for marine restoration.
Tees Metal Mines	Coal Authority	Addressing legacy of lead mining, remediation work using soft engineering to reduce heavy metal pollution in the upper catchment
Tees Invasive Species Initiative	Tees Rivers Trust	Tackling Invasive non native species such as giant Hogweed and Himalyan Balsam, training volunteers to survey and control Giant Hogweed and trialling new methods of controlling Himalyan Balsam.
Busting the Barrage	Canal & River Trust	Installation of new fish pass to provide improved passage for migratory fish species

3.2 What flagship projects are we planning to do which are supported by the Evidence?

A full list of aspirational flagship projects is included in the Annex.

4.0 Monitoring and evaluation.

Catchment Management has to adapt as we improve our understanding because we cannot predict with certainty what the impact of our changing environment will be on project delivery through the unpredictability of the impact of climate change on the rivers' flow and therefore on waterbody condition. The Catchment Action Plan will be revisited biannually at catchment partnership meetings to ensure progress is being made, delays or issues are logged, data is being refreshed and that projects are supported by the full partnership. This also will ensure that the best use of the partnership's resources are deployed collaboratively and every partner has responsibility for delivery of this plan.

Classifications

The most comprehensive assessment of waterbody health is carried out by the Environment Agency and reported through the Catchment Data Explorer. Classifications are now updated every three years.

The current information is the 2022 classifications that use monitoring data from 2021, 2020, and 2019.

The next significant update will be the release of 2025 classifications that will be available in 2026. Only the Environment Agency monitoring can determine a waterbody or element classification.

Investigation

A second layer of information drills down to identify the reasons why any particular aspect of river health is lower than the 'good' objective.

Where the evidence is "good" and confirms the reasons then action can be clearly supported. A number of projects have attracted funding and stemmed from such data.

In contrast where there is an absence of information, or the evidence is insufficient to achieve a confirmed level of certainty, then it is more difficult to justify funding for proposed action. Any party can provide evidence to support the identification of reasons why a waterbody is not at 'good' status. The YTCP can play a significant role in providing such evidence.

Annexes for Catchment Management Plan

ANNEX 1.1 Your Tees Catchment Partnership Partners

Organisation	Name
Canal & River Trust	Martin Stark
Darlington Borough Council	Lauren Gibson
Durham County Council	Stuart Priestley
Durham Wildlife Trust	Mark Dinnington
Environment Agency	Graeme Hull
Groundwork North East & Cumbria	Hellen Hornby
Hartlepool Borough Council	Chris Scaife
Industry and Nature Conservation Association (INCA)	Phil Roxby
Middlesbrough Borough Council	Paul Clarke
Natural England	Michael Miller
Natural England Catchment Sensitive Farming	Bunty Wright
North Pennines National Landscapes	Adam Millington
North Pennines National Landscapes	Sarah Tooze
North Yorkshire Council	Hugh Clear Hill
Northumbrian Water Group	Clare Deasy
Redcar Cleveland Borough Council	Nigel Hill
Redcar Cleveland Borough Council	Lyndsey Hall
Stockton on Tees Borough Council	Graham Clingan
Tees Estuary Nature Recovery Partnership (Natural England)	Vicky Ward
Tees Rivers Trust	Ben Lamb
Tees Rivers Trust	Judy Power
Tees Valley Combined Authority	Clare Ross
Tees Valley Nature Partnership	Chloe Wainwright
Teesside University	Diana Feliciano
Teesside University	Helen Gamesby
Thriving Catchments – Leven Catchment	Ian Proudler
Thriving Catchments - Skerne Catchment	Stephen Thompson

ANNEX 1.2 Terms of Reference

Purpose / role of the group:

- To develop an integrated and catchment based approach to the management of the water environment of the Tees Catchment.
- To provide multiple benefits and enjoyment from the Tees Catchment
- To establish links between active groups involved with the use and management of the Tees; identify and fill gaps in delivery; to promote inclusivity and increase opportunities for involvement with the Tees.
- To represent views and aims of the YTCP and promote collaborative action and the importance of the water environment.

Membership:

- Members chosen as representatives of specific sectors identified in 2013 through consultation with the public and stakeholders.
- Outgoing members will be replaced by new members invited by the steering group.
- Membership is not time limited.

Accountability:

- The steering group will report back annually to a wider partnership base established through the consultation phase.

Review:

- The Steering Group of the YTCP will review its TOR annually.
- The steering group will review its progress against a timetable of actions and present progress at an annual open forum to be held in April.

Working methods

- The YTCP will develop a delivery action plan and will oversee and drive its implementation
- The YTCP will co-ordinate its work with and report its progress across other strategic groups (Eg LNPs)
- Sub groups will convene if necessary to implement specific areas of work
- The Partnership will develop and deliver a prioritised 5 year programme of works
- Meetings
 - Will be held quarterly
 - Will be co-ordinated and chaired by the Catchment Host
 - Agenda items will be generated by all members.
 - Papers will be circulated a week prior to upcoming meetings
 - Non-members may be invited to group meetings to discuss specific agenda items.
 - The Catchment Host will provide a secretariat for the group.
 - An annual general review meeting will be held for all partners

Sharing of information and resources (including confidential materials)

- Group members will be contacted through an email address supplied by them. This may be shared with a wider group and publicly.
- Confidential materials and copy written information will be dealt with respectfully and in accordance with legislation.
- The group will have a facebook page on which the activities of the YTCP will be updated.

ANNEX 2.1 LIST OF CURRENT PROJECTS

The following is a list of projects currently under delivery in the catchment:

Project Title	Project location	Project overview	Delivery partner
TopHog	Full catchment	Catchment wide programme to identify and control plant INNS by trialling new control measures and by training volunteers to undertake Giant Hogweed control	Tees Rivers Trust
Discover Brightwater Landscape Partnership / Great North Fen	Skerne	Sub catchment Landscape Partnership and proposed legacy project	Durham Wildlife Trust
Stronger Shores	Tees Estuary	Restoration of seagrass into the Tees Estuary	Tees Rivers Trust / South Tyneside Council
TERI	Tees Estuary	Installation of a terrestrial mariculture hub for growing seagrass and breeding native oysters among other species	Tees Rivers Trust
Tees-Swale Naturally Connected	Upper Teesdale	Programme of projects that include interventions to minimise the release of metals from contaminated mine wastes which cause pollution of rivers.	North Pennines National Landscapes
Fish 4 Tees	Full catchment	Programme of works to tackle fish passage issues across the Tees catchment	Tees Rivers Trust
North East Catchment Hub	Skerne Leven Clow Beck	Sub catchment programme of works to reduce P levels in identified sub catchments	Northumbrian Water Group / The Rivers Trust
Tees Tidelands Programme	Tees Estuary	Landscape programme of projects to realign or remove defences, restore intertidal habitat and reconnect tidal creeks to the estuary <ul style="list-style-type: none"> • Billingham Beck Valley Restoration • Lustrum Beck Urban Restoration • Greatham Marsh Restoration • Greatham North East • North Tees Nature Park • Holme Fleet Culvert • Portrack Sluice • Ormesby Beck 	Environment Agency / Stockton Borough Council / / Tees Rivers Trust / Teesside Environmental Trust (TET)
Tees Tidelands Port Clarence Project	Tees Estuary / Holme Fleet	Funded by the Flood And Coastal Resilience Innovation Programme (FCRIP) the project aims to <ul style="list-style-type: none"> • increase community resilience to flood risk • restore habitats to realise financial return • establish a circular financing model to reinvest returns 	/ Stockton Borough Council / RSPB

T.E.R.N. Tees Tidelands Nature Recovery Partnership)	Tees Estuary	Estuary partnership programme to promote collaborative working and protect the natural landscape of the Tees estuary	Natural England
Tees Estuary Edges	Tees Estuary	Identification of sites along the Tees estuary for intertidal habitat restoration	Tees Rivers Trust
Tees Barrage	Tees Barrage	Installation of fish pass to provide improved opportunities for migratory fish passage	Canal & River Trust / EA
Catchment Sensitive Farming	Full catchment	Delivery of land management advice for water body improvements	Natural England
Living Leven	Leven	Creation of a sub catchment group and development of a sub catchment programme of works to deliver improved fish passage, habitat, water quality and reduce sedimentation.	Tees Rivers Trust
PhD research	Tees catchment	Land-based solutions for climate change adaptation and mitigation: The case of the Tees Valley	Teesside University
Skerne 2025	Skerne	Ecological enhancements to the heavily physically modified channel through Darlington Town Centre	EA
Gauging Weir Fish pass enhancements	Skerne / Tees	Fish pass enhancements to South Park Gauging weir (Skerne) and Broken Scar Gauging weir (Tees)	EA

ANNEX 2.2 ASPIRATIONAL PROJECTS

PRIORITY THEMES

Following consultation with partners, there are certain priority themes which are catchment wide and have been identified as objectives to achieve the catchment ambition of having 57 waterbodies achieving good or high condition by 2043.

These themes are as follows:

- Education and engagement
- Building a living Tees info bank
- Developing Catchment Clusters
- Becoming a strategic “water body” partner

Theme	Waterbody	Actions	Timescales	Who?
Cluster	All Catchment	A Tees Fishery Restoration Plan <ul style="list-style-type: none"> - Understanding the baseline - Setting a Target - Tackling Barriers - Restoring fish habitats - Providing flows 	2027	TeRT
Cluster	All Catchment	Fish Toxicology	2027	TeRT
Cluster	Sub catchment level	Understanding agriculture :- (Includes economics, challenges, opportunities). Exploring farming alternatives	2030	DWT / TeRT / TC / Teesside University / NE / EA
Cluster	Rural – all catchments	Septic tank survey and funding for improvements	2027	TeRT
Cluster	All catchment	Invasive Non Native Species:- -Tackling INNS throughout the catchment -Building mapping data of INNS Training volunteers to survey & tackle INNS	2030	TeRT
Citizen science	All catchment	Citizen science and data research including using universities expertise for data crunching (also includes potential for AI modelling)	2027	TeRT
Citizen science	All catchment	Building evidence through citizen science (potential for a catchment bioblitz to build portfolio of data) <ul style="list-style-type: none"> - engage on the investigation process - time limited targeted trial - review wider rollout 	2027	TeRT
Education and Comms	All catchment	Education for public engagement initiative	2027	Teesside University / TeRT
Strategy	Priority stand	YTCP to agree a shortlist of target	2030	TeRT

and Planning	alone projects	waterbodies where it will concentrate effort to achieve a measurable improvement by 2030. Taking account of information below in 'Priority Stand Alone Project' section. Agree an approach and create a specific waterbody action plan and coordinate action.		
Strategy and planning	All catchment	Biodiversity Net Gain includes: – -identification of water habitat opportunities for informing planning authorities -use of Mitigation Measures Project output that identifies beneficial enhancement opportunities and locations	2025	TeRT
Strategy and planning	All catchment	Local Nature Recovery Strategy engagement workshops to ensure engagement	2024	TeRT / TVNP
Strategy and planning	Tees and Lower estuary	Devise a Tees Estuary Restoration plan and support partners	2024 - 2025	TERN/ EA / TVCA / YTCP/ TVNP/ TeRT
Strategy and planning	All catchment	Development :- Feeding into housing / industrial/ highways development as part of strategic overview	2026	ALL

PRIORITY STAND ALONE PROJECTS – CATCHMENT WIDE

Alongside the priority themes for the whole catchment, several catchment wide aspirational projects have been identified for priority delivery by the partnership. These large aspirational projects are as follows:

CATCHMENT	ACTIONS / PROJECTS *= work already underway	DEADLINE	WHO?
Tees catchment	Research proposal submitted to UKRI call: Land Use for Net Zero - Understanding cross scale levers in the sustainable transformation of Land Use Systems for the delivery of multiple benefits	2024-2027) (if awarded)	Teesside University
Tees Lower & Estuary	Develop and implement a coordinated programme of projects and measures to reduce nutrient inputs that currently flow across Seal Sands SSSI	2030	YTCP / TERN / EA / NE
Saltburn Coast	Develop and implement a range of interventions to tackle water quality and habitat connectivity on a catchment wide scale	2030	
Tees - all	New bathing water status for sites on the Tees to enable open water swimming locations	2035	YCTP / SBC / TeRT
Tees - Middle	Reintroduction of Beaver at a specific suitable site	2030	DWT
Skerne, Tees Middle, Leven	Catchment Hub water quality CCRA CSF		NECH NE NY & Y LNRS North Yorks LNRS
Tees Lower & Estuary	Industrial development CSF – Nutrient Neutrality CCRA		Local Authorities / Risk Management Authorities NE
Tees Lower & Estuary	Housing development CCRA		Local Authorities / Risk Management Authorities

PRIORITY STAND ALONE PROJECTS (TARGETED WATERBODIES)

Alongside the priority themes for the whole catchment, several smaller more targeted water bodies have also been identified for priority delivery. These are organised into the following categories and can be tackled as individual projects should funding opportunities arise or can also be included into a larger more strategic project for delivery.

Option 1 – Preventing no deterioration

These projects are all aimed at waterbodies which are in danger of deterioration, these projects have been identified as priority actions for the catchment.

WATER BODY ID	CATCHMENT	ACTIONS / PROJECTS * = work already underway	DEADLINE	WHO?
Greatham Creek	Tees Lower & Estuary	Develop and implement a coordinated programme of projects and measures to reduce nutrient inputs that currently flow across Seal Sands SSSI	2030	YTCP / TERN / EA / NE
Skelton Beck	Saltburn Coast	Develop and implement a range of interventions to tackle water quality and habitat connectivity on a catchment wide scale	2030	
North Burn	Tees Lower & Estuary	Removal of small weir CSF priority CCRA (Climate Change risk assessment)	Every 5 years	HBC CSF TeRT
Tees Trout Beck – Maize Beck	Tees Upper	CCRA	Every 5 years	
Mary Wild Beck	Tees Middle	Catchment Hub water quality CSF priority CCRA	2027/2030	NECH CSF
Clow Beck – Barton on Tees	Tees Middle	CCRA Catchment Hub water quality		NY & Y LNRS North Yorks LNRS NECH
Skerne - Woodham to Demons Beck	Skerne	Catchment Hub water quality CCRA		NECH
Stainsby Beck	Tees Lower & Estuary	Housing development CCRA		Local Authorities / Risk Management Authorities
Tees - Skerne to Barrage	Tees Lower & Estuary	Industrial development CSF – Nutrient Neutrality CCRA		Local Authorities / Risk Management Authorities CSF

Option 2 – Good low hanging fruit

Projects in this category are deemed as projects that can be quickly delivered and at low cost, working on these projects would bring wide benefits at low cost in terms of funding and resource.

WATER BODY ID	CATCHMENT	ACTIONS / PROJECTS *= work already underway	DEADLINE	WHO?
Potto Beck	Leven Northumbria	CSF Catchment Hub Water Quality Weir at junction with main Leven	2027/30	NYC TeRT NECH CSF
Trout Beck – Source to Tees	Tees Upper	Peat restoration and metal mine remediation (Land o’ lead and silver)		NP NL Coal Authorities TeRT
Billingham Beck - Brierley to Tees	Tees Lower & Estuary	CSF sediment priority		SBC CSF
Claxton Beck – Source to North Burn	Tees Lower & Estuary	Weir removal		Local authority TeRT

Option 3 – Breaking bad

Breaking bad projects are the ones that will take considerable resource to tackle but will see tremendous benefit to their sub-catchments. These are waterbodies that have bad or fail status and will require a partnership approach to deliver.

WATER BODY ID	CATCHMENT	ACTIONS / PROJECTS *= work already underway	DEADLINE	WHO?
Skerne – Carrs to Woodham	Skerne	Catchment Hub water quality CSF sediment / phosphate	2027/30	NECH CSF
Rushyford Beck – Source to Woodham	Skerne	Catchment Hub water quality CSF sediment / phosphate	2027/30	NECH CSF
Woodham Burn – Rushyford to Skerne	Skerne	Catchment Hub water quality CSF sediment / phosphate Great North Fen	2027/30	NECH CSF Great North Fen (DWT?)
Tees Estuary	Tees Lower & Estuary	Development @ Teesworks site and PD Ports opportunity for culvert reopening / weir removal to reconnect tidal becks to Tees *Tees Tidelands	2024- 2026	Redcar Borough Council / EA / Teesworks / PD Ports / Private developers
North Burn – source to Claxton Beck	Tees Lower & Estuary	CSF Weir removal		HBC CSF

Middle Gill Beck – source to Kilton	Saltburn Coast	EA – Loftus Beck scheme RCBC – NFM Bid EA/RCBC/NWG – NIBP project	02/25 Spring 2024 02/25	EA Redcar Borough Council Redcar Borough Council / EA
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Option 4 – Singularly Poor

Priority waterbodies identified in the singularly poor category are those which only fail on one category and therefore need a targeted approach to the one problem. These projects could be clustered into a larger programme of works to tackle the single issue or could be delivered one by one.

WATER BODY ID	CATCHMENT	ACTIONS / PROJECTS * = work already underway	DEADLINE	WHO?
Tees – Trout Beck to Maize Beck	Tees Upper	Peat restoration / riparian scrub restoration / metal spoil stabilisation	2024 onwards	NP NL (FIPL) (Heart of Pennines)
Mill Beck – Source to Kilton Beck	Saltburn Coast	RCBC – NFM Bid EA – River Study	Spring 2024 02/25	EA / RCBC
Langley & Westholme Beck (Sudburn to Tees)	Tees Middle	CSF – Langley Beck		CSF
Kilton Beck – Middle Gill to North Sea	Saltburn Coast	RCBC – NFM Bid EA – River Study	Spring 2024 02/25	EA / RCBC
Clow Beck – Barton Beck to Tees	Tees Middle	Aldborough Beck CSF priority Catchment Hub water quality	2027/30	CSF NECH / TeRT

Option 5 – Fish

Finally, waterbodies identified in this category have barriers or physical modifications that prevent migratory fish species from reaching upper catchment spawning areas.

WATER BODY ID	CATCHMENT	ACTIONS / PROJECTS * = work already underway	DEADLINE	WHO?
Tees from Skerne to Tidal Limit	Tees Lower & Estuary	Tees Barrage fish pass	2027	CRT / EA
Upper Tees	Tees Upper	Dent Bank Weir – old gauging station		EA
Upper Tees	Tees Upper	Harworth gauging station		EA
Upper Tees	Pipe Bridge			EA/DCC
Leven Tame to Tees	Leven	Skutterskelfe Weir		TeRT / EA

ANNEX 3.1 TARGET WATERBODIES USED TO IDENTIFY STAND ALONE PROJECTS

Option 1 – Preventing no deterioration

The waterbodies where monitoring indicated a ‘Lower Level Deterioration’ in 2022 Ecological classification are as follows

Water Body ID	Water Body
GB103025071960	Saltburn Gill Catch trib of North Sea
GB103025072450	Rushyford Beck from Source to Woodham Burn
GB103025072596	Skerne from Demons Beck to Tees
GB103025072520	Carrs from Source to Skerne
GB103025072391	Skerne from Woodham Burn to Demons Beck
GB103025072391	Skerne from Woodham Burn to Demons Beck
GB103025072410	Billingham Beck from Source to Bishopton Beck
GB103025072595	Tees from Skerne to Tidal Limit
GB103025072210	Marton West Beck Catchment (trib of Tidal Tees)
GB103025072595	Tees from Skerne to Tidal Limit
GB103025072540	North Burn from Source to Claxton Beck
GB103025072180	Stainsby Beck Catchment (trib of Tidal Tees)
GB103025072050	Saltergill Beck Catchment (trib of Tees)
GB103025072100	Clow Beck from Barton Beck to Tees
GB103025072060	Aldbrough Beck from Forcett Park Catch to Clow Bk
GB103025072150	Aldbrough Beck from Source to Clow Beck
GB103025072060	Aldbrough Beck from Forcett Park Catch to Clow Bk
GB103025072080	Mary Wild Beck from Source to Clow Beck
GB103025072170	Deepdale Beck from Source to River Tees
GB30329025	Balderhead Reservoir
GB30329025	Balderhead Reservoir
GB103025072500	Bowlees Beck Catchment (trib of Tees)
GB103025072340	Lune from Long Grain to Selset Reservoir
GB103025072240	Balder Catchment (trib of Tees)
GB103025072240	Balder Catchment (trib of Tees)

The waterbodies and Elements where monitoring indicated a ‘Face Value Deterioration’ in 2022 status are as follows :

Water Body ID	Water Body	Element	Confidence
GB103025071960	Saltburn Gill Catch trib of North Sea	Ammonia (Phys-Chem)	0.53
GB103025072450	Rushyford Beck from Source to Woodham Burn	Dissolved oxygen	0.64
GB103025072596	Skerne from Demons Beck to Tees	Hydrological Regime	0
GB103025072520	Carrs from Source to Skerne	Phosphate	0.86
GB103025072391	Skerne form Woodham Burn to Demons Beck	Ammonia (Phys-Chem)	0.68
GB103025072391	Skerne form Woodham Burn to Demons Beck	Phosphate	0.58

GB103025072410	Billingham Beck from Source to Bishopton Beck	Ammonia (Phys-Chem)	0.01
GB103025072595	Tees from Skerne to Tidal Limit	Invertebrates	0.3
GB103025072210	Marton West Beck Catchment (trib of Tidal Tees)	Invertebrates	0.49
GB103025072595	Tees from Skerne to Tidal Limit	Fish	0.57
GB103025072540	North Burn from Source to Claxton Beck	Temperature	0.35
GB103025072180	Stainsby Beck Catchment (trib of Tidal Tees)	Dissolved oxygen	0.54
GB103025072050	Saltergill Beck Catchment (trib of Tees)	Hydrological Regime	
GB103025072100	Clow Beck from Barton Beck to Tees	Hydrological Regime	
GB103025072060	Aldbrough Beck, Forcett Park Catch to Clow Bk	Fish	0.52
GB103025072150	Aldbrough Beck from Source to Clow Beck	Hydrological Regime	
GB103025072060	Aldbrough Beck, Forcett Park Catch to Clow Bk	Hydrological Regime	
GB103025072080	Mary Wild Beck from Source to Clow Beck	Hydrological Regime	
GB103025072170	Deepdale Beck from Source to River Tees	Phosphate	0.56
GB30329025	Balderhead Reservoir	Macrophytes	0.69
GB30329025	Balderhead Reservoir	Total Nitrogen	0.69
GB103025072500	Bowlees Beck Catchment (trib of Tees)	Fish	0.63
GB103025072340	Lune from Long Grain to Selset Reservoir	Invertebrates	0.41
GB103025072240	Balder Catchment (trib of Tees)	Invertebrates	0.21
GB103025072240	Balder Catchment (trib of Tees)	Fish	0.73
GB103025072471	Harwood Beck from Source to River Tees	Phosphate	0.31
GB103025076080	Tees from Trout Beck to Maize Beck	Fish	0.58

Option 2 – Good low hanging fruit

Golden Low Hanging Fruit where all three ecological elements are monitored but only one is less than good status are

Water Body ID	Water Body	2022 FISH	2022 INVERT	2022 MPC
GB103025072070	Eller Beck from Source to River Greta	Moderate	High	High
GB103025072140	Greta from Sleightholme Beck to Eller Beck	Moderate	High	High
GB103025072530	Trout Beck from Source to River Tees	Moderate	High	High
GB103025071850	Potto Beck Catchment (trib of Leven)	Moderate	High	High
GB103025072560	Gill Beck from Source to Greta	Moderate	Good	High

Low Hanging Fruit where not all of the three ecological elements are monitored but one is less than good status are

Water Body ID	Water Body	2022 FISH	2022 INVERT	2022 MPC
GB103025072080	Mary Wild Beck from Source to Clow Beck		Moderate	High
GB103025076010	Billingham Beck from Brierley Beck to Tees Estuary		Moderate	High
GB103025072352	Arngill Beck from Source to Long Grain		Moderate	High
GB103025072460	Claxton Beck from Source to North Burn		Moderate	High
GB103025072260	Upper Cocker Beck Catchment (trib of Skerne)			Moderate
GB30328860	Cow Green Reservoir			Moderate

Option 3 – Breaking bad

Golden Breaking Bad where all three ecological elements are monitored but only one is Bad status are

Water Body ID	Water Body	2022 FISH	2022 INVERT	2022 MPC
GB103025072160	Neasham Stell Catchment (trib of Tees)	Bad	Good	High
GB103025072540	North Burn from Source to Claxton Beck	Bad	Good	High
GB103025071940	Middle Gill Beck from Source to Kilton Beck	Bad	Good	Good

Breaking Bad waterbodies where not all of the three ecological elements are monitored but one is Bad status are

Water Body ID	Water Body	2022 FISH	2022 INVERT	2022 MPC
GB103025072270	Sudburn Beck from Source to Langley Beck	Bad	High	Poor
GB103025072180	Stainsby Beck Catchment (trib of Tidal Tees)	Bad	Poor	High
GB103025072430	Skerne from Carrs to Woodham Burn	Bad	Good	Poor
GB103025072030	Spa Beck Catchment (trib of Tees)	Bad	Moderate	Poor
GB103025072450	Rushyford Beck from Source to Woodham Burn		Bad	Good
GB103025072370	Woodham Burn from Rushyford Beck to the Skerne		Bad	Moderate
GB103025072320	Tees Estuary (S Bank)		Bad	
GB30328995	Selset Reservoir			Bad

Option 4 – Singularly Poor

“Golden Singularly Poor” waterbodies where all three ecological elements are monitored but only one is Poor status are

Water Body ID	Water Body	2022 FISH	2022 INVERT	2022 MPC
GB103025072100	Clow Beck from Barton Beck to Tees	High	High	Poor
GB103025076080	Tees from Trout Beck to Maize Beck	Poor	Good	High
GB103025072480	Hudeshope Beck Catchment (trib of Tees)	Poor	Good	High
GB103025071900	Mill Beck from Source to Kilton Beck	Poor	Good	Good
GB103025072200	Langley Bk and Westholme Bk from Sudburn Bk to Tees	Poor	Good	Good
GB103025071950	Kilton Beck from Middle Gill Beck to North Sea	Poor	Good	Good

“Singularly Poor” waterbodies where not all the three ecological elements are monitored but one is “Poor” status are:

Water Body ID	Water Body	2022 FISH	2022 INVERT	2022 MPC
GB103025071880	Leven from Tame to River Tees	Poor	High	Moderate
GB103025072391	Skerne from Woodham Burn to Demons Beck	Poor	Good	Moderate

GB103025071970	Skelton Beck Catch (Saltburn) trib of North Sea	Poor	Good	Moderate
GB103025072050	Saltergill Beck Catchment (trib of Tees)	Moderate	Moderate	Poor
GB103025072250	Lune from Source to Long Grain		Poor	High
GB103025072351	Long Grain from Source to Lune		Poor	Good
GB103025075880	Hart Beck from Source to Sea (Hartlepool)		Moderate	Poor
GB103025072410	Billingham Beck from Source to Bishopton Beck		Poor	Moderate
GB103025072360	Billingham Beck from Bishopton Bck to Brierley		Moderate	Poor
GB103025072280	Bishopton Beck from Source to Billingham Beck		Moderate	Poor

Option 5 – Fish

“Golden Fish Fail” waterbodies where all three ecological elements are monitored but only Fish are less than “Good” status are:

Water Body ID	Water Body	2022 FISH	2022 INVERT	2022 MPC
GB103025072070	Eller Beck from Source to River Greta	Moderate	High	High
GB103025072140	Greta from Sleightholme Beck to Eller Beck	Moderate	High	High
GB103025072530	Trout Beck from Source to River Tees	Moderate	High	High
GB103025071850	Potto Beck Catchment (trib of Leven)	Moderate	High	High
GB103025072560	Gill Beck from Source to Greta	Moderate	Good	High
GB103025076080	Tees from Trout Beck to Maize Beck	Poor	Good	High
GB103025072480	Hudeshope Beck Catchment (trib of Tees)	Poor	Good	High
GB103025072160	Neasham Stell Catchment (trib of Tees)	Bad	Good	High
GB103025072540	North Burn from Source to Claxton Beck	Bad	Good	High
GB103025071900	Mill Beck from Source to Kilton Beck	Poor	Good	Good
GB103025072200	Langley Bk and Westholme Bk frm Sudburn Bk to Tees	Poor	Good	Good
GB103025071950	Kilton Beck from Middle Gill Beck to North Sea	Poor	Good	Good
GB103025071940	Middle Gill Beck from Source to Kilton Beck	Bad	Good	Good