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Land Drainage Liaison Group

Held at Meeting Room 1, Ryedale House, Malton
on Tuesday 18 October 2016

Present

Councillors Paul Andrews, Cussons (Chairman), Jowitt, Di Keal, Potter, Raper and Wainwright
I Cooke (EA), E Mellalieu (NYCC), K Saunders (Yorkshire Derwent Partnership), P Fisher (IDB), C Bowles (IDB)

In Attendance

Beckie Bennett and Nicki Lishman

Minutes

31 **Apologies for absence**

Apologies for absence were received from Councillor Cowling and S Edwards (IDB).

32 **Minutes of the previous meeting**

The minutes of the previous meeting held on 30 June 2016 were approved as a correct record.

33 **Update from Yorkshire Partnership Board**

Karen Saunders, Partnership Facilitation Officer, River Derwent Catchment Partnership, gave a presentation on background and objectives of the Yorkshire Derwent Partnership (see attached).

The Partnership has submitted a Heritage Lottery Fund bid for approved projects and is working with partners, building collaboration and gathering information.

Presentation by Karen Saunders from the Yorkshire Derwent Partnership

34 **Update from North Yorkshire County Council**

Emily Mellalieu from North Yorkshire County Council (NYCC) gave an update on work to date.

The Ryedale Flood Management Project, funded by the Environment Agency (EA) and led by NYCC will;

- identify partners including landowners adjacent to the Derwent to consider impacts downstream, commission consultants to look at natural flood risk management
- consider projects that work on the wider catchment areas
- look at engaging stakeholders such as landowners to contribute to any funding deficit
- engage Mouchel to develop/update the Arup report
- liaise with the developer of Woodlands Park, Pickering to address issues with drainage. The Internal Drainage Board have provided advice to Pickering Town Council on solutions and all are in negotiation with the developer
- consider resolutions to issues on Water Lane, Duggleby

Work on clearing ditches by landowners at Manor Vale, Kirkbymoorside has made a marked improvement.

No specific work was planned at Brawby.

Any information or studies by other agencies which would inform ongoing projects were welcomed by NYCC.

35 **Update from the Environment Agency**

Ian Cooke of the Environment Agency (EA) gave an update on work to date.

Work was due to start on clearing trees from Butterwick bridge to Ness and through Malton and Norton. The EA was working with the IDB to clear weeds at Ganton.

- All recovery work following the December 2015 floods was not yet completed
- The banks at Old Malton, Pickering and Normanby had been rebuilt
- Remedial works at Priorpot Beck were ongoing
- Investigation work at Maudon Grove, Norton to remove debris and reline the culvert was planned and it was hoped that local residents could be recruited to report any future build up of debris due to makeshift bridge building etc
- Flood defences at Mill Beck had been repaired and would continue to be monitored to identify the cause of the breaches
- Remedial work to cover exposed timber in the foundation of County Bridge was planned

It was agreed to provide group members with written detail of all local works by the EA.

No work was planned at Rye Mouth as there is no obvious blockage, except for repeating a survey of the silt build up for comparative purposes.

A wider catchment study for the Vale of Pickering was planned to help identify all flood defences, assist with mapping, breach analysis, improve flood warnings and procedures. The study will show areas where problems are likely and how the catchments work.

36 **Update from the Vale of Pickering Internal Drainage Board**

Chris Bowles from the Internal Drainage Board gave an update on work to date.

- It was pointed out that recovery following the December 2015 floods took priority however, sediment at Rye Mouth was a major land drainage issue for farmers
- The IDB's catchment modelling was offered to the EA and it was hoped that sharing of information would continue for future projects
- Flow monitoring was continuing at Middle Deepdale to compare pre and post development results
- Once the archeological survey had been received, the Yedingham restoration project was complete and on receipt of a permit it was planned to start construction in November
- It was reported that following a meeting between the operators of KM8 and NYCC regarding concerns about possible frack water leaks, the risk management measures in place made that highly unlikely. Monitoring would take place as per legal requirements
- Clearance work of the channel at The Cut Old Malton had been completed and was now clear down to Tate Smiths at County Bridge to improve surface drainage. Natural England had monitored all work in the area as it is an SSSI
- Following an agreement by the EA to fund the IDB, clearance work had been undertaken at Costa Beck and landowners were delighted with the result

Phil Fisher reported that the IDB had cleared the top section of Settrington Beck at the A64 at the request of Birdsall Estate and had overcome the breach and reduced potential problems at Brambling Fields.

37 **Update from Ryedale District Council**

Beckie Bennett, Head of Environment, Streetscene and Facilities reported that the recommendations of the Overview and Scrutiny Committee's review of flood management would be presented to the November meeting of the Policy and Resources Committee and Full Council in December.

Cllr Potter reported that the Slowing the Flow project at Pickering continued to receive substantial interest both national and internationally and was influencing national policy on natural flood management.

38 **Any other business**

It was agreed to review the membership of the Group. Members would be contacted to obtain up to date contact details and to suggest other possible Group members.

39 **Date of next meeting**

Wednesday 8 February 2017 at 6.00 pm.

Yorkshire Derwent Partnership

Karen Saunders, Partnership Facilitation Officer



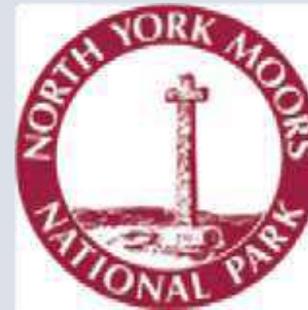
Yorkshire
Wildlife Trust

Who's involved?

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Yorkshire
Wildlife Trust



North Yorkshire
County Council



National Farmers Union

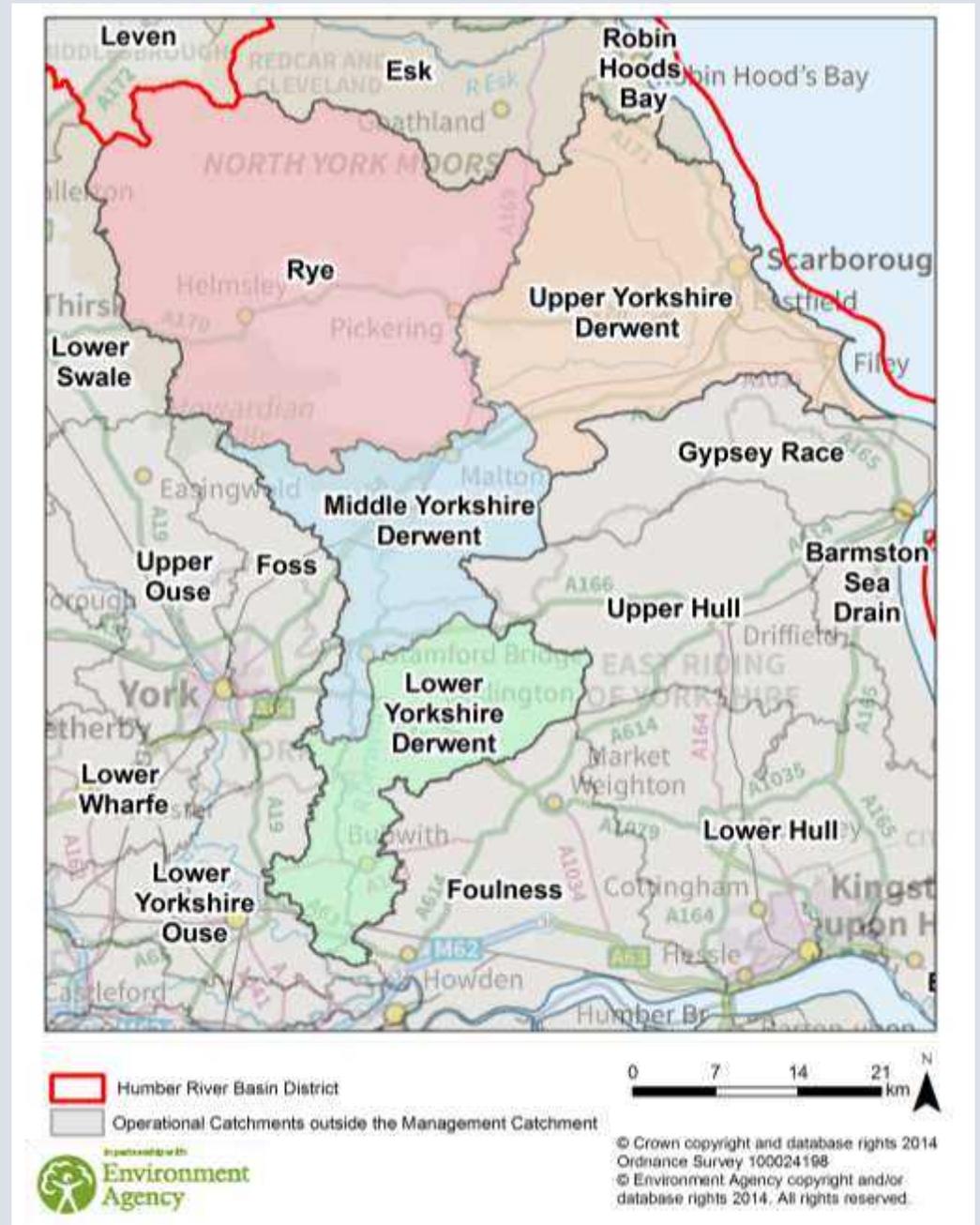


Howardian Hills



- Originally established as part of Defra's Catchment Based Approach (CaBA)
- Interim Steering Group – 2013
- Board/Delivery Group established in 2016
- Four operational sub-catchments
- Recognising impact of actions on lower catchment

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Our Vision and Objectives

“Habitats are connected, people are connected, activities are connected.”

Ecology and Water Quality

- Improve the ecology and water quality of the rivers and streams within the catchment.

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Water Level Management

- Improve water level management, reduce flood risk and increase resilience to drought through a more naturally functioning river system.

Habitats and Species

- Create, protect, improve and expand habitats to increase connectivity and protect vulnerable species.

Enjoyment and Engagement

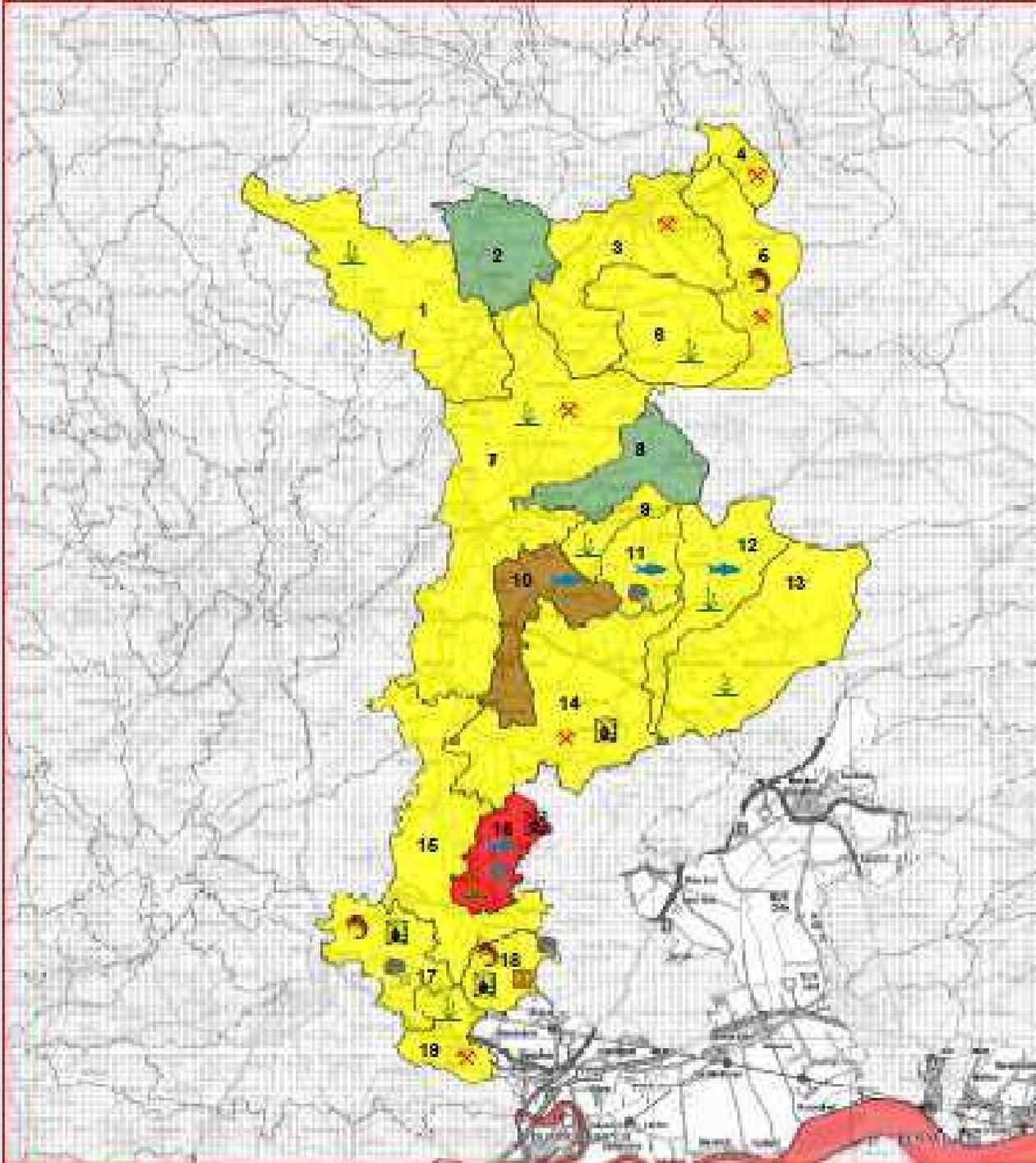
- Improve public access, understanding and a sense of connection to the river and surrounding areas for enjoyment and wellbeing, without impacting wildlife.

Economy

Support economic growth through development of a more resilient, better managed catchment.

Latest position





Lower and Middle Derwent Water bodies

Map Number	Water body ID	Water body name	Heavily Modified Y or N
17	GB104007053400	Lowmoor Drain Catch (trib of Derwent)	N
16	GB104007053400	Six Lane Drain Catch (trib of Derwent)	N
14	GB104007053460	Pookington Beck from Selby Bk to River Derwent	Y
13	GB104007053460	Selby Beck from Source to Pookington Beck	N
10	GB104007053460	Blackfoss Bk lower Daton (trib of Pookington Bk)	N
11	GB104007053470	Bishop Wilson Beck Catch (trib of Blackfoss Beck)	N
12	GB104007053460	Pookington Beck from Source to Selby beck	N
9	GB104007053460	Cowthorpe Beck Catch (trib of Blackfoss Beck)	N
8	GB104007053610	Benham/Wirpen Beck catch (trib of Derwent)	N
6	GB104007053660	Wainthorpe Beck catch (trib of Derwent)	N
3	GB104007053670	Crem Beck catch (trib of Derwent)	N
1	GB104007053690	Scotth/Brammerhgs Beck catch (trib of Derwent)	N
15	GB104007053690	Fleet Dike catch (trib of Ouse)	Artificial
5	GB104007057790	Selbyington Beck catch (trib of Derwent)	N
18	GB104007058311	River Derwent from Elvington Beck to River Ouse	Y
7	GB104007058312	Derwent from Kibham to Elvington Beck	Y
3,4	GB104007058313	River Derwent from River Ouse to Kibham	Y

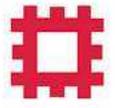
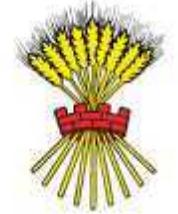
2015 Failing Element

Invertebrates	
Fish	
Microphytes and Phyto-benthos	
Animals	
Phosphate	
Dissolved Oxygen	
Mitigation Measures	

Good	Colour Key to 2015 Water Body Status
Moderate	
Poor	
Bad	

Ryevitalise Landscape

Partnership



ENGLISH HERITAGE



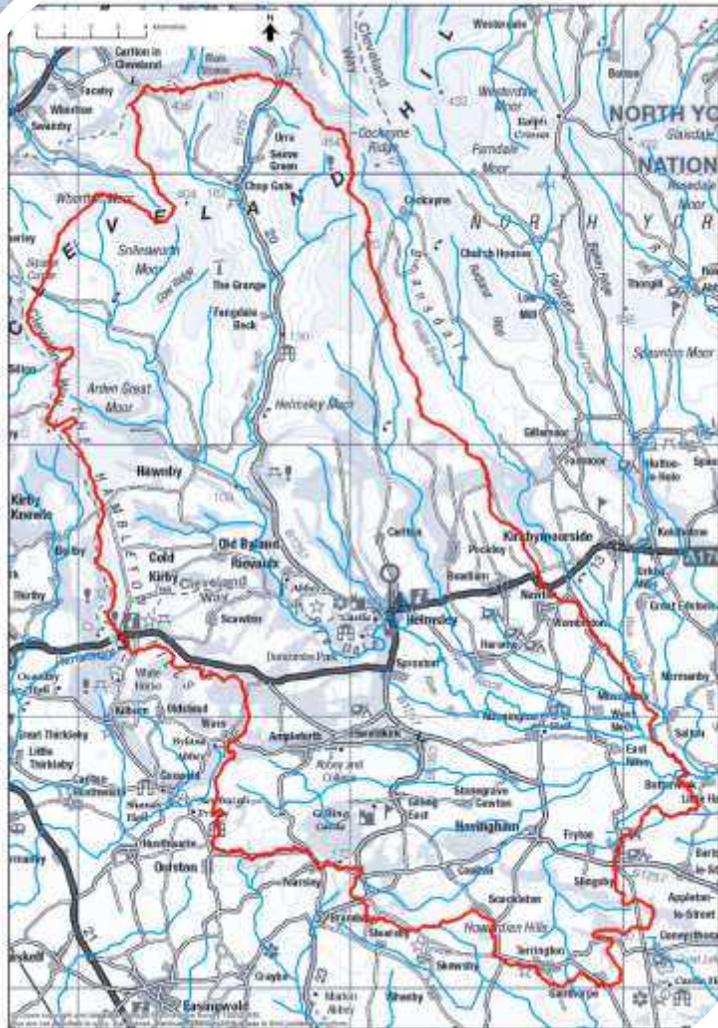
Ryedale Natural History Society



Derwent Dales Farmer Group

Helmsley Archaeological & Historical Society

The Rye – Summary of Issues



- Habitat decline and isolation from:
 - *some unsympathetic land & water practices*
 - *climate change*
 - *invasive species spread*
- Impact of changes to agri-environment schemes

Habitat decline and species loss



- High levels of phosphates and sediment
- Seasonal Metaldehyde contamination
- *Moderate or poor* in WFD classifications

Water quality



- Widespread flooding on numerous occasions: Helmsley, Pickering, Malton and Norton
- Flashy nature and groundwater flooding

Flooding



- Disconnect between local communities, the river and services it provides

Community Engagement



Project Aims

- Restoring the riparian and aquatic **habitats** of the Rye.
- Improving **water quality** through working with landowner/land managers to address nutrient inputs and reduce diffuse pollution.
- Explore and interpret people's **perceptions of abundance/diversity and the loss of this** through folk memories, past artistic and literary interpretations of the landscape and future aspirations.
- Employing **natural flood risk management** techniques to better regulate water quantity and reduce downstream flooding (Parallel Project)
- To **better understand** the services the river provides us and how we use them to live, work and play – conserving a record of the river's **cultural heritage** and economic significance to local communities and wider beneficiaries.

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