

Patterdale Water Management Group

Meeting 16th January 2012, Sykeside Barn End

Attendance

Eddie Allen Parish Council; Mel Kilner Hartsop Society; Veronica McGloin local resident; Alan Metcalfe Sykeside Campsite; Ian Metcalfe Sykeside Campsite; Eric Wear Howe Green and Grove Farm; Heather Jackson Noran Bank Farm; Christian Grammer Ullswater Steamers; Mike Taylforth Side Farm; Chris Brown, Deepdale Farm; Mary Bell, Crookabeck Farm; Jeremy Barlow National Trust; John Pring National Trust; John Malley National Trust; Vicky Wilkinson National Trust.

Apologies : Jimmy Hodgson Hartsop Hall Farm.

Meeting Notes

Introductions

Jeremy welcomed all and provided an update of where we are up to.

We have now received the High Level Options Review from Jacob's which provides their assessment of the proposals we submitted in the draft Implementation Plan.

Jacobs have assessed our proposals on following basis:

- Effectiveness of proposals to manage flood **impact**
- Geomorphological **sustainability**
- Indicative **cost**

The Options Review from Jacobs and the draft Implementation Plan which was submitted to Jacobs were available at the meeting. Further copies are available from National Trust Vicky.wilkinson@nationaltrust.co.uk or through www.patterdaletoday.co.uk

Presentation of Jacob's Options Review report

John Malley presented an overview of the contents of the report as follows:

- Plan Structure
 - Jacobs responses were based on mean annual flood levels, not extreme flood events.
 - The options have been qualitatively scored on a 4 point scale. Green/Yellow/Orange/Red = Effective / partially effective / Limited effectiveness / Ineffective.
- Key overall Issues
 - Gravel Accumulation. Jacobs report they see no evidence of large scale gravel accumulation on longer reaches identified in the plan. They agreed there were individual site on a smaller scale where gravel accumulates.

- Water Levels at Hayeswater and Brotherswater. Whilst it would be possible to use Hayeswater as storage, its catchment area is not vast so effect would be small and costs relatively large. Brotherswater is an open system so flow in is equal to flow out. To store water you would require a dam structure built at the outflow.
- Overview of Sites 1-8
 - Jacobs indicate actions that generally **maintain** current structure at sites 1,2,3,7 and 8.
 - Jacobs indicate actions that involve larger **modifications** to current structure at sites 4,5,6 and 6a.
- High Priority Risk Sites identified in Jacobs review
 - Hayeswater Ghyll Site No 5
 - Kirkstone Beck downstream of Caudale Site No 4
 - Goldrill Beck downstream of Cow Bridge Site No 6

National Trust also highlighted that Caudale Beck as an additional high risk site and Glenridding Spit as an additional priority for work.

There was general discussion by the group on Jacob's views and findings, with particular questions raised and alternative views given on gravel removal and Lake levels.

John Malley made strong recommendation that we work together to gather evidence and record data locally where we would like to demonstrate water behaviour and effects counter to what is described by Jacobs.

Agreeing Priority Areas and timetable for actions

Jeremy reiterated the need to find a compromise which will be a sustainable solution and enable us to agree priorities for work this year. This will be an ongoing problem to manage in the valley, but short term action must be agreed for 2012 with a view to constant view of future action in response to changes in the valley.

After discussion the group **agreed the following priority areas:**

- **Hayeswater Ghyll : Site No 5**
- **Kirkstone Beck downstream of Caudale : Site No 4**

Plus

- Work will go ahead as planned at **Glenridding Spit** (site meeting 20th Jan)
- **Tree management** in valley will continue as planned

Site Meetings

The Group agreed site meetings at the Priority sites (with permission) in the first half of February (avoiding half term 13th-17th, and weekends) to discuss the technical detail of the work.

This also gives the group some more time to read through the detail of the Jacobs Options Review paper and bring further thoughts and views to the site meetings.

Technical Specifications

Following site meetings by PWMG, Jacobs will be invited to write up detailed technical specifications and costs from which contractors can be appointed.

Funding

Jeremy advised that two funding sources are being pursued : internal National Trust funds and external funding sources which are being pursued by John Malley. He confirmed the Trust has some funds for this work, but is unable to give further detail until we have greater understanding of detail of the work.

Partner Agencies

John Malley will continue conversations with agencies and provide an update on any required consents and timetables.

Lake Levels

Group agreed that continued discussion is needed on the issue of Lake levels. This won't effect the need to go ahead with the priority work. It will be picked up separately by the group, in the interim the National Trust will enquire further with the Environment Agency regarding sourcing water level detail from the now defunct guage at the confluence of Hayeswater Gill

2012 Timetable

A full summary of sequence of events and timetables will be circulated with these notes.

Jeremy thanked everybody for their attendance and contributions.

Next Water Management Meeting

To be confirmed as project work progressed, but likely to be early April

Compiled by Vicky Wilkinson 2012-01-18