

Slowing the Flow at Pickering Project

Programme Board Meeting, 13 July 2009

Paper 09/02

Delivery Timetable and Key Milestones

Purpose

1. To describe the key tasks and milestones for a successful project.

The Work Programme

2. The main objective of the project is to demonstrate how the integrated application of a range of best land management practice measures can help reduce flood risk at the catchment scale, as well as provide wider multiple benefits for local communities. The selected measures are:
 - Construct a number of low-level bunds at appropriate locations on the floodplain of the Pickering Beck catchment to increase flood storage
 - Plant 50 ha of riparian woodland in Pickering Beck catchment and 30 ha of floodplain woodland in River Seven catchment to attenuate flood flows
 - Restore/create 100 Large Woody Debris (LWD) dams in Pickering Beck catchment and 50 in the River Seven catchment to attenuate flood flows
 - Plant 5 ha of woodland at appropriate locations in the Pickering Beck catchment to intercept surface runoff and reduce peak flows
 - Block up to ten moorland drains in the Pickering Beck catchment to improve water retention and establish no-burn buffer zones along watercourses
 - Assess opportunities to slow down peak flows from Cropton Forest as part of reviewing the Forest Design Plan
 - Develop farm soil plans and implement local measures to reduce rapid runoff.
3. The measures will be implemented by a series of 10 tasks, which include modelling and monitoring to evaluate their effectiveness. The tasks are:
 - Task 1 Delivery of Quarterly Progress Reports
 - Task 2 Delivery of the Final Report.
 - Task 3 Appoint project manager; this task will be completed in months 1-2 of the study (June-July 2009)
 - Task 4 Hold quarterly meetings of the Programme Delivery Group and six-monthly meetings of Programme Board
 - Task 5 Identify the preferred sites for demonstration measures, agree amongst partners, and consult with stakeholders; these tasks will be completed in months 2-5 of the study (July-October 2009)
 - Task 6 Refine hydrological/hydraulic model and simulate impact of selected measures at preferred sites; this task will be completed in months 2-4 of the study (July-Sept 2009)
 - Task 7 Install hydrological gauging and establish water quality sampling network. Commence data collection. Obtain historic data from existing monitoring network within catchment; these tasks will be completed in months 3-6 of the study (Aug-Nov 2009)

- Task 8** Survey and select final sites for demonstration measures. Undertake any environmental assessments as required; this task will be completed in months 6-8 of the study (Nov 2009-Jan 2010).
- Task 9** Secure match funding and implement measures. Continue data collection & evaluation; these tasks will be carried out in months 9-22 (February 2010 - March 2011)
- Task 10** Communicate results by holding outreach seminars and hosting final dissemination event. Update guidance on application of land management measures to reduce flood risk; these tasks will be carried out in months 17-22 (October 2010 - March 2011)

4. Progress and performance in undertaking these tasks will be measured by 18 Milestones. These are:

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| I. Hold first meeting of Programme Delivery Group; | June 2009 |
| II. Appoint Programme Manager; | July 2009 |
| III. Hold second meeting of Programme Delivery Group and first meeting of Programme Board | July 2009 |
| IV. Complete model evaluation for sites | September 2009 |
| V. Hold third meeting of Programme Delivery Group | October 2009 |
| VI. Agree preferred sites for demonstration measures | October 2009 |
| VII. Complete installation of instrumentation | November 2009 |
| VIII. Hold fourth meeting of Programme Delivery Group and second meeting of Programme Board | January 2010 |
| IX. Finalise site selection for measures | January 2010 |
| X. Implement flood alleviation measures | Feb 10 - March 11 |
| XI. Hold fifth meeting of Programme Delivery Group | April 2010 |
| XII. Hold sixth meeting of Programme Delivery Group and third meeting of Programme Board | July 2010 |
| XIII. Hold seventh meeting of Programme Delivery Group | October 2010 |
| XIV. Host outreach seminars | December 2010 |
| XV. Hold eighth meeting of Programme Delivery Group | January 2011 |
| XVI. Delivery of draft Final Report | January 2011 |
| XVII. Delivery of Final Report | February 2011 |
| XVIII. Hold final meeting of Programme Delivery Group and Programme Board, and host final dissemination event | March 2011 |

Action

Members are asked to note the content of this report and raise any issues for clarification at the Programme Board Meeting.

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