

# Selkirk Flood Protection Scheme

Main Works Newsletter

Issue 7

May 2016

The Scheme has now placed a full road closure on Dunsdale Haugh alongside the main entrance to Oregon Timber to facilitate works in this area. We hope that the major effort, and cost, that has been expended in providing an alternative route through Level Crossing Road will allow business to continue as usual in Riverside and ensure that long tailbacks do not develop in the town centre.

Users of this route will probably be brought into closer proximity with the ongoing construction works and RJ McLeod's heavy machinery than at any point over the past 16 months. We therefore request that you are considerate to the workers and road safety dangers resulting from our joint use of the road space. We also hope you enjoy watching the Scheme advance and in particular the Community Recycling Centre being reconfigured and returned to operation.

**Conor Price, Senior Project Manager**

## Dunsdale Haugh road closed to allow essential works to proceed

Dunsdale Haugh has now closed between Belmont Motors and Allied Storage. This closure - which will be in place for approximately 20 weeks - is required to allow a flood protection wall to be constructed between the Shaw Burn and Dunsdale Haugh and also to enable a new culvert to be installed through Oregon Timber's yard and under the carriageway to outfall into the Shaw Burn.

During this closure the suggested diversion route is via Level Crossing Road which has been extended through the old Community Recycling Centre site. Sections of the road adjacent to RP Adams and HGS have been widened to ensure this route is capable of taking all the traffic which would normally use Dunsdale Haugh. In addition, and in an effort to minimise disruption to residents and businesses and ensure there are no issues on the local road network, a temporary link road between Level Crossing Road and Riverside Road has been built.



## Community Recycling Centre

The Community Recycling Centre closed in early February and within just three days the old site was demolished and work started on constructing the new road and the new recycling facilities. This work is progressing well and it is anticipated that the new recycling centre will open in mid-to-late June. The photo opposite, taken in early April, shows the initial construction of the recycling bays with the new Level Crossing Road extension in the foreground.



For all the latest information please visit the Scheme's website at [www.selkirkfloodscheme.com](http://www.selkirkfloodscheme.com)

## Activity over the next few months

### Philiphaugh (including Ettrickhaugh Road):

It has been confirmed that no road closure is required on the A708 at Old Mill Farm. The new flood wall has been substantially constructed. Works will continue on stone cladding the wall and completing this section.

### Long Philip Burn:

Corbie Linn Road will be reopened and the temporary alternative access road (including the road bridge) will be removed. Major works will remain ongoing from the Philiphaugh Cottages Bridge to the Ettrick. The three new timber footbridges on the Long Philip Burn will be put in place.

### Riverside:

Works on the new footbridge landing / plaza will commence. Reconfiguration of the Community Recycling Centre will be ongoing. Finishing and snagging works will also be ongoing along the whole length.

### Bannerfield:

Works on the new footbridge landing / plaza will continue. Finishing and snagging works will continue along the whole length.

### Shaw Burn:

Works will continue along the length of the Shaw Burn. Snagging / finishing works will take place behind the old Co-op NGT building, in front of Leading Labels and beside Raeburn Place. A full road closure will be in place on Dunsdale Haugh to allow a flood protection wall to be constructed and a new culvert to be installed through Oregon Timber's yard. Works on a flood wall between Oregon Timber and the A7 will be ongoing.


## Progress over the last few months




**Above (Clockwise from top right):** New concrete channel on the Shaw Burn at Raeburn Place; Completed flood protection wall behind the old Co-op NGT building; Partially completed flood protection wall adjacent to the A708 at Old Mill Farm; Long Philip Burn park with landscaping work nearing completion.

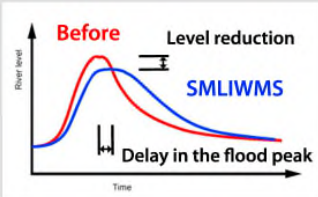
*A full range of progress photos can be viewed on our website or at our Public Information Areas*

# St Mary's Loch Intelligent Water Management System

 **£0.68M**  
Total Cost

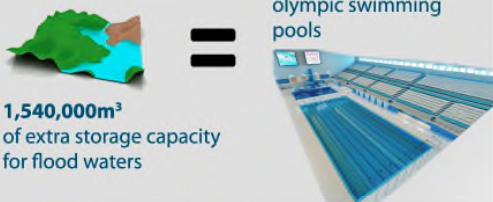
 **£10.05M**  
Total Benefits

**14.8**  
Benefit-Cost Ratio(BCR)



**Level reduction**

**Delay in the flood peak**

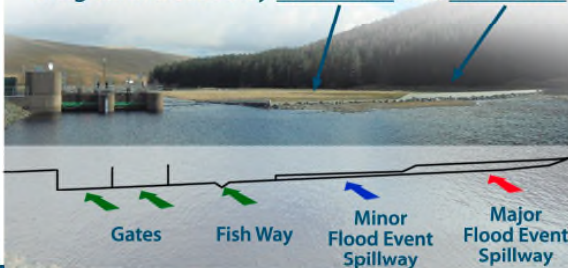


**620**  
olympic swimming pools

**1,540,000m<sup>3</sup>**  
of extra storage capacity for flood waters

## Key Features

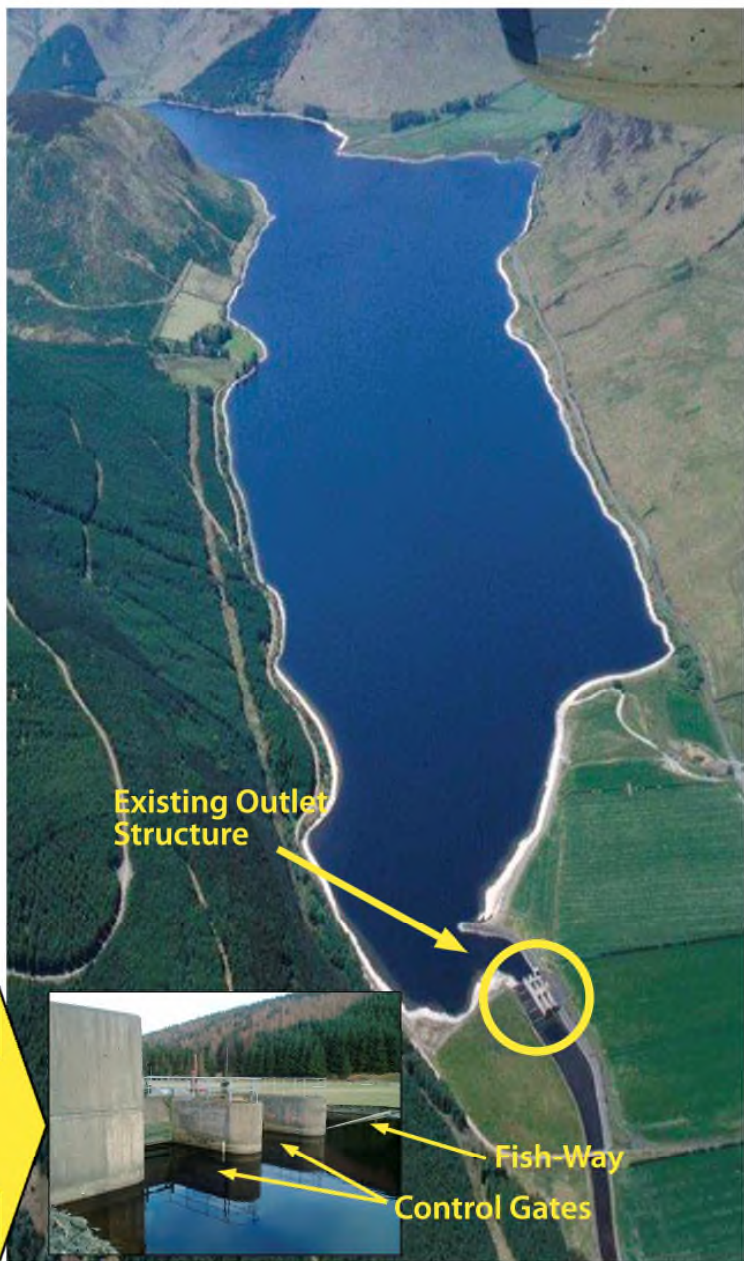
- Flood Water Storage**
- Normal loch level lowered by 390mm
  - Reinforced concrete wall across spillway modified with two new overflow levels
  - Heights increased by 0.3 metres and 1.3 metres



- Fish-Way**
- Old bypass fish pass removed
  - New cascading fish-way constructed which includes trapezoidal weirs to manage outlet flow
  - New fish-way reconnects the Yarrow water to SML by becoming primary flow route
  - Approx. 42 km<sup>2</sup> of catchment reconnected to Tweed for fish habitat/spawning



- Control System**
- Existing reservoir gates refurbished and fully automated
  - All Mechanical, Electrical, Instrumentation, Control and Automation (MEICA) equipment upgraded
  - New online digital control system for easy access, management and remote control
  - New fully automated system provided



## How does this new system work?

### Management

- The SMLIWMS is one part of the Selkirk Flood Protection Scheme and the land and infrastructure is now owned by the Council
- It will be managed under its new CAR License (Controlled Activities Regulations, 2011)
- It was primarily advanced to ensure the Scheme does not increase risk to the properties below Selkirk
- The control gates will now only operate to assist in flow management when it is very dry or from a flooding perspective

### Benefits

- The new system manages the water resource at SML delivering benefits during periods of both flooding and drought
- The Ettick and Yarrow flood peaks are decoupled, and thereby staggered moving through Selkirk, by delaying the Yarrow peak by approx. 3 hours
- River flood level reduced from SML to Lindean with the greatest benefit along the Yarrow Valley

## Community Art Projects

With the Scheme's major civil engineering works substantially complete across most of the town the Project Team is now turning its attention to the finished landscape: primarily through the landscaping drawings which will define the new environment and trees that are replanted.

The Scheme will also take forward a number of Community Art Projects to engage with local communities and deliver art into the new landscape. The key themes that are being explored are:

- The Selkirk Common Riding;
- The Battle of Philiphaugh; and
- The town's industrial heritage.

These projects will be developed over the next couple of months and will be procured through Public Contracts Scotland in the early summer. More details will be provided in future newsletters.

## Schools' Competition



In early 2016 the Scheme ran a competition for pupils at the five local primary schools: the children were asked to write a short story or create a picture to describe how one might cross the Ettrick in 100 years time. Approx. 250 very imaginative entries were received and judged by a group of notable Souters. The picture above shows the winners with some of the judges. The entries were displayed at Selkirk Library and a selection will be placed in a time capsule to be buried near the new Bridge Street footbridge.

## Common Riding

The Project Team remains committed to ensuring that the ongoing construction work has a minimal impact on Common Riding festivities. Works through Riverside are substantially complete and as such we don't expect there to be any significant issues in relation to this year's event. The Project Team is continuing to meet with the Common Riding Trust on a regular basis to ensure any concerns are resolved.

## Bridge Street footbridge plazas

Work has now started on the construction of the new Bridge Street footbridge plazas. These plazas have been designed to link the footbridge into the new flood defences and the existing footpath network. Work on the plazas is programmed for summer / autumn 2016. There is no intention to close the footbridge, however access routes will change: **please follow direction signs during this work.**

## If you have any questions about the Scheme please contact one of the following:

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## Main Site Compound

Selkirk Flood Protection Scheme  
 South Bridge Street  
 Selkirk  
 TD7 5DR  
 Phone: 01750 725 448

## Public Information Areas

**We have Information Areas in the following locations:**

Selkirk Library                      Philiphaugh Community Centre  
  
 Main Site Compound