

## Scottish Hydrological Group

# SHG Visits White Cart Flood Prevention Scheme in Glasgow

On Wednesday 11 May, a group of 30 people visited the White Cart Flood Prevention Scheme currently under construction. Attendees included people from SEPA, Councils, consultants and universities, representing the diverse membership of the SHG. The visit was guided by Alan McGowan, Halcrow project manager and Stuart Slaven, Halcrow Public Liaison officer and was also attended by Bill Douglas, representing Glasgow City Council.

The £50m White Cart Flood Prevention Scheme includes three flood storage areas and 8.5km of direct defence in urbanised areas. It is nearing construction and the visit was timely organised to provide a full appreciation of the challenges associated with such a diverse civil engineering project and how the Client-Consultant-Contractors have collaborated all the way along to minimise impact on the environment and on local residents and businesses.

The visit included a first stop at Kirkland Bridge dam, where flows are controlled by an 8m high, 150m long earth dam and three hydro-brakes, providing storage of up to 1.1 million cubic metres of water. The reservoir was put into action for the first time in February earlier this year, which avoided significant potential flooding further downstream in Glasgow. We then visited the area of Spean Street in Glasgow Cathcart where flood walls are currently in construction. We could appreciate why the contractor, Volker Stevenin, had to work from the riverside due to limited access to work areas.

With nice sunny weather, the visit was well appreciated by all and we could all thank Lynn Dow of ICE Scotland for co-ordinating the bookings for the day.

*Pascal Lardet, SHG Committee and visit organiser.*

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**Photograph 1 – Inlet to flow control structure at Kirkland Bridge storage area**



**Photograph no 2 – Flood wall in construction in Cathcart**



**Photograph no 3 – Flood walls completed in Spean Street**