



Environmental Report November 2025

Glashaboy Flood Relief Scheme

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The following is the clients Ecological Clerk of Works (ECoW) monthly review of the Glashaboy River (Glanmire/Sallybrook) Drainage Scheme. It details observations made on site regarding environmental and ecological factors involved in the scheme. This formulates a monthly review to be submitted to the Environmental Monitoring Group (EMG).

The key environmental considerations associated with work areas in November 2025 were as follows:

Area 1 – Temporary holding cell for IAPS (invasive alien plant species) vector material:

- Loading and transportation of vector material from the Sallybrook temporary holding cell to Circus Field.

Area 2 – Circus Field

- Construction of the IAPS Burial Cell at Circus Field.
- Transportation along public road network of vector material drawn from the temporary holding cell in Sallybrook.

Area 2 – Credit Union

- Concrete pours for flood wall which included 24 no. Sand Martin Nesting Tubes installed within 3 no. of the wall pours.

General comments

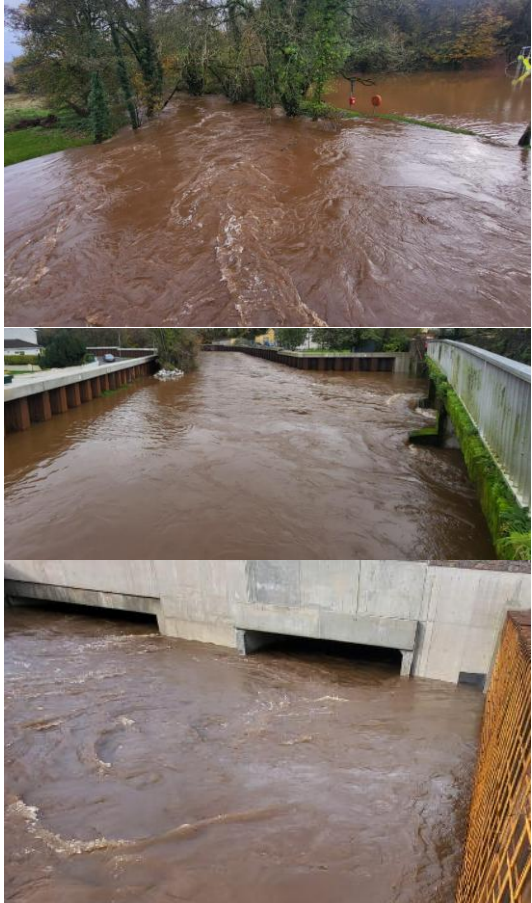
A joint environmental tour took place on the 06/11/2025. This was undertaken together with the clients and the main contractor's ecology teams. Main findings were biosecurity protocols, seeding with river gravels, re-instatement of some coir mesh.

Table 2. Main table of the months ecological and environmental related activities

Item number	Date	Comment	Image	ECoW Action/Recommendation	Sorensens's Action response
11.1	05/11/2025	Construction of the burial cell for all IAPS vector material stockpiled throughout the scheme commenced at Circus Field. Given that previous land clearance mapping indicated knotweed at this location, supervision for possible Japanese knotweed rhizomes during the initial excavations is required.		Supervision by an IAPS Specialist during the initial excavation of surface layers is recommended to confirm that no rhizomes are present.	As works progressed, the IAPS Specialist Ecologist undertook regular monitoring, at the location of the onsite burial cell at Circus Field, for the presence of Japanese & Bohemian knotweed.
11.2	05/11/2025	The berm previously installed as a root protection zone (RPZ) in front of the river treeline, has been removed, with only the eastern edge of the current excavation remaining as a reference.		Establish a more highly visible RPZ to help minimise the risk of accidental root damage during the ongoing excavation works.	A cone and rope barrier was installed along the eastern boundary of Circus Field parallel to the riparian corridor of the Glashaboy river and successfully maintained throughout the excavation works.

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11.3	06/11/2025	Several sections of coir mesh positioned at the outlet of the overflow culvert at Hazelwood have been washed out and are now bunched together, leaving areas of exposed ground where grass seed has not yet established. Minimal washout occurred here as most material used was gravel and stone below a thin layer of soil.	 	Consider reinstalling coir mesh securely once water levels recede and it is safe to do so.	Area to be completed when river levels allow including the use of coir mesh if required.

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11.4	06/11/2025	A yellow silt curtain remains in the river just downstream of the pedestrian bridge at Hazelwood.		Remove when safe to do so.	While all of the black silt curtains were removed by the 19th of October 2025 (end of the instream works window extension), one yellow silt curtain was left in situ given the depth of water along the river margin at this location. It is to be removed when water levels and velocity in the Glashaboy river are lower.
11.5	06/11/2025	The wood mulch stored within the temporary cell, arising from tree clearance works at Sallybrook, was reviewed. It was noted that the mulch may be combined with the bulk soil material, subject to confirmation that the level of decomposition is suitable for incorporation into the permanent cell.		Carry out checks on the mulch material once accessible to assess its suitability for inclusion in the permanent cell, and to determine the most appropriate method for its incorporation.	The bark mulch in the Temporary Holding Facility was 'turned' on three occasions to accelerate the decomposition process. It is proposed to mix the bark mulch arisings through the soil in the Temporary Holding Facility prior to disposal in the Onsite Burial Cell.

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11.6	10/11/2025	Periods of heavy rainfall resulted in elevated water levels and localised flooding in the surrounding area. All installed flood defence measures proofed successful.		The ER team inspected and recorded the high water event.	No action required.

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11.7	10/11/2025	Permit to Pump No. 151 was issued to facilitate the dewatering of the excavation for the burial cell at Circus Field.		Reviewed permit to pump and pump set up.	Pumped proceeding successfully through the works as required to control water levels within the excavation.
11.8	20/11/2025	Terram layers were added to the steep excavations sides to ensure cell membrane integrity.		Inspections of the works were ongoing through the works.	Works progressed steadily throughout the month, with no delays, setbacks, or issues encountered.

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11.9	25/11/2025	Sand Martin Nesting Tubes were installed within the concrete wall pours at Credit Union and completed by the end of the month. A total of no. 24 were installed.		Biodiversity enhancement measure successfully completed.	This was completed as a biodiversity enhancement measure and to compensate for the loss of nesting opportunities resulting from the construction of the flood defence wall at Bean and Leaf.

Item number	Date	Comment	Image	ECoW Action/Recommendation	Sorensens's Action response
			 25 November 2025 10:51		

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11.10	25/11/2025	The transportation of IAPS Vector material from the Temporary Holding Facility in Sallybrook to the burial cell at Circus Field commenced on 25/11/2025 under NPWS Licence No. Reg 49 58/2024 Extended.	 25 November 2025 16:09 25 November 2025 16:19	Inspections of the works were carried out on an ongoing basis throughout the construction period.	The removal of vector material from the temporary holding facility in Sallybrook was initiated and proceeded under the supervision of the IAPS Specialist Ecologist.