

SORENSEN

Monthly Environmental Audit – Aug 2025



Glanmire Flood Relief Scheme

01/08/25 to 31/08/25

ENVIRONMENTAL AUDIT

| | | | |
|-------------------------------|--|---|-------------------------|
| Project/Contract Name: | Glanmire Flood Relief Scheme | | |
| Project Address: | Sallybrook/Glanmire, Co. Cork | | |
| Auditor(s): | Site Ecologists Name: Lisa Dolan | Signature:  | |
| | Site Manager/SCE Environmental Unit: Marcus Browne | Signature: | |
| Monthly Report | August 2025 | Period | 01/08/2025 – 31/08/2025 |
| Audit Number | GFRS-EA-2025AUG | Date | 04/09/2025 |
| Locations Audited: | All works areas | | |

Week Commencing 1st August

Comments/Observations

- Monitoring of the silt control measures set up at the designated infiltration area (beside the Credit Union) to accommodate the dewatering of the abutments of Hazelwood Shopping Centre Bridge continued.
- Installation of erosion matting on the banks of the Glenmore River and rock armouring “in the wet” continued at Copper Valley Vue.
- Installation of permanent sheetpiles “from the wet” continued at Hazelwood Shopping Centre Bridge.
- Coir mesh was installed along the banks of the Glashaboy River at Hazelwood Shopping Centre Bridge as works progressed on vegetation clearance to accommodate the RC Walls.
- Monitoring of 2 no. Otter holts (No.s N7A and N7B) continued at Meadowbrook under the licence to Photograph/Film a Protected Wild Animal (Otter).
- Further to the Environmental Incident which took place on 27/03/2025 at Sallybrook Stream, monitoring of the hydrocarbon control measures is being undertaken daily by SCE’s Environmental Unit. This involves daily visual checks and adjustment and/or replacement of hydrocarbon absorbent booms, absorbent pads and the deployment of Bioversal RC to minimise the release of hydrocarbons into the Glashaboy River, where required. Under instruction from the Site Ecologist members of SCEs Environmental Unit regularly walk the Glashaboy River instream as far as the weir below Grandons deploying Bioversal RC to the rock armouring and any visible film of hydrocarbons, where required.

Week Commencing 4th August**Comments/Observations**

- Monitoring of the silt control measures set up at the designated infiltration area (beside the Credit Union) to accommodate the dewatering of the abutments of Hazelwood Shopping Centre Bridge continued.
- Installation of erosion matting on the banks of the Glenmore River and rock armouring “in the wet” continued at Copper Valley Vue.
- Installation of permanent sheetpiles from the wet continued at Hazelwood Shopping Centre Bridge
- Hydrocarbon control measures were deployed at Hazelwood Shopping Centre Bridge due to the presence of a localised hydrocarbon sheen between 12/07/- 06/08/25 which included Bioversal RC, oil socks and oil absorbent pads as required. Machines working instream were also sprayed with Bioversal RC prior to deployment. As a precaution, shuttering pans were also moved and covered in plastic to prevent run off of shuttering oil during periods of heavy rainfall. A single definitive source of hydrocarbon contamination has not been confirmed as the hydrocarbon sheen occurred on both wet and dry days (when there was no runoff into stormwater gullies within the works area) and on days when there were no machines working instream.
- Environmental Tour 033 took place on the 08/08/25 - main findings related to silt and hydrocarbon control measures and biosecurity control measures for Japanese knotweed and future works.
- Permit to Clear Vegetation No. 29 (GFRS-PTCV-029) was issued on 12/08/25 to facilitate the construction of RC walls, rock armouring and step pools for fish passage at Brooklodge Culvert.
- Monitoring of 2 no. Otter holts (No.s N7A and N7B) continued at Meadowbrook under the licence to Photograph/Film a Protected Wild Animal (Otter).
- Further to the Environmental Incident which took place on 27/03/2025 at Sallybrook Stream, monitoring of the hydrocarbon control measures is being undertaken daily by SCE's Environmental Unit. This involves daily visual checks and adjustment and/or replacement of hydrocarbon absorbent booms, absorbent pads and the deployment of Bioversal RC to minimise the release of hydrocarbons into the Glashaboy River, where required. Under instruction from the Site Ecologist members of SCEs Environmental Unit regularly walk the Glashaboy River instream as far as the weir below Grandons deploying Bioversal RC to the rock armouring and any visible film of hydrocarbons, where required.

Week Commencing 11th August**Comments/Observations**

- Monitoring of the silt control measures set up at the designated infiltration area (beside the Credit Union) to accommodate the dewatering of the eastern abutment of Hazelwood Shopping Centre Bridge continued.
- The bed of deposited river gravels which had built up underneath New Line culvert were recovered and placed upstream of the step pools at New Line on the 13-14/08/25.
- E-fishing was undertaken by Triturus Environmental Ltd on the 14/08/25 at Brooklodge Culvert to facilitate the creation of a dry instream works area to accommodate the completion of RC Walls, rock armouring and step pools for fish passage at Brooklodge Culvert.
- Instream works to restore the Hydromorphology of the Glenmore River between Brooklodge Culvert

and Copper Valley Vue Culvert were completed on 12-13/08/25 and included installation of riffle habitat (with an assortment of Old Red Sandstone river gravels) and perturbation boulders (Old Red Sandstone flagstones).

- Permit to Pump No. 143 was issued on 14/08/2025 to overpump the Glenmore River in order to facilitate the creation of a dry instream works to accommodate the completion of RC Walls, rock armouring and step pools for fish passage at Brooklodge Culvert.
- Monitoring of 2 no. Otter holts (No.s N7A and N7B) continued at Meadowbrook under the licence to Photograph/Film a Protected Wild Animal (Otter).
- Further to the Environmental Incident which took place on 27/03/2025 at Sallybrook Stream, monitoring of the hydrocarbon control measures is being undertaken daily by SCE's Environmental Unit. This involves daily visual checks and adjustment and/or replacement of hydrocarbon absorbent booms, absorbent pads and the deployment of Bioversal RC to minimise the release of hydrocarbons into the Glashaboy River, where required. Under instruction from the Site Ecologist members of SCEs Environmental Unit regularly walk the Glashaboy River instream as far as the weir below Grandons deploying Bioversal RC to the rock armouring and any visible film of hydrocarbons, where required.

Week Commencing 18th August

Comments/Observations

- Monitoring of the silt control measures set up at the designated infiltration area (beside the Credit Union) to accommodate the dewatering of the abutments of Hazelwood Shopping Centre Bridge continued.
- The 40m stretch of sheetpiling commenced at Sallybrook embankment on 28/07/25 under the supervision of the IAPS Specialist Ecologist. Japanese knotweed was encountered during the works.
- Permit to Clear Vegetation No. 30 (GFRS-PTCV-030) was issued on 19/08/25 to acquire clearance for large motorised vehicles (HGVs and Buses) on the R639 prior to road opening in Area 4: The Grove.
- Permit to Clear Vegetation No. 31 (GFRS-PTCV-031) was issued on 20/08/25 to facilitate the construction of a headwall and rock armouring at Copper Valley Vue Culvert.
- Installation of rock armouring commenced upstream of Hazelwood Bridge and overflow culvert on the 22/08/25.
- River gravels were removed from the cofferdam of the eastern abutment of Hazelwood Shopping Centre Bridge and stored in Area 3: Site Compound @ New Line. These gravels were then reused instream on the western riverbank of the Glashaboy River at the base of the western abutment of the Hazelwood Shopping Centre Bridge on 26/08/24 to assist with bringing the riverbed and margin up to the required design level.
- Permit to Pump No. 142 was issued on 22/08/2025 to facilitate the dewatering of the excavation/cofferdam for Hazelwood Pump Station.
- Permit to Pump No. 144 was issued on 22/08/2025 to facilitate the dewatering of the excavation for the construction of a headwall for stormwater drainage line downstream of Copper Valley Vue Culvert.
- Environmental Tour 034 took place on the 22/08/25 - main findings related to silt and hydrocarbon control measures and biosecurity control measures for Japanese knotweed and future works.

- Monitoring of 2 no. Otter holts (No.s N7A and N7B) continued at Meadowbrook under the licence to Photograph/Film a Protected Wild Animal (Otter).
- Further to the Environmental Incident which took place on 27/03/2025 at Sallybrook Stream, monitoring of the hydrocarbon control measures is being undertaken daily by SCE's Environmental Unit. This involves daily visual checks and adjustment and/or replacement of hydrocarbon absorbent booms, absorbent pads and the deployment of Bioversal RC to minimise the release of hydrocarbons into the Glashaboy River, where required. Under instruction from the Site Ecologist members of SCEs Environmental Unit regularly walk the Glashaboy River instream as far as the weir below Grandons deploying Bioversal RC to the rock armouring and any visible film of hydrocarbons, where required.

Week Commencing 25th August**Comments/Observations**

- Monitoring of the silt control measures set up at the designated infiltration area (beside the Credit Union) to accommodate the dewatering of the abutments of Hazelwood Shopping Centre Bridge continued.
- Permit to Pump No. 146 was issued on 26/08/25 to facilitate the dewatering of the stormwater tanks in Area 4: The Grove.
- Permit to Pump No. 145 was issued on 26/08/2025 to facilitate the dewatering of the cofferdam of the western abutment of Hazelwood Shopping Centre Bridge for the installation of river gravels and rock armouring.
- E-fishing was undertaken by Triturus Environmental Ltd on the 29/08/25 at Brooklodge Culvert to further extend the dry instream works area.
- Monitoring of 2 no. Otter holts (No.s N7A and N7B) continued at Meadowbrook under the licence to Photograph/Film a Protected Wild Animal (Otter).
- Further to the Environmental Incident which took place on 27/03/2025 at Sallybrook Stream, monitoring of the hydrocarbon control measures is being undertaken daily by SCE's Environmental Unit. This involves daily visual checks and adjustment and/or replacement of hydrocarbon absorbent booms, absorbent pads and the deployment of Bioversal RC to minimise the release of hydrocarbons into the Glashaboy River, where required. Under instruction from the Site Ecologist members of SCEs Environmental Unit regularly walk the Glashaboy River instream as far as the weir below Grandons deploying Bioversal RC to the rock armouring and any visible film of hydrocarbons, where required.

Environmental Licenses Schedule

| Ecological Licences | | | | | | |
|---------------------|--------------------------------|-------------------|---|------------|-------------|---------|
| Ecological Receptor | Licence Type | Licence No | Details | Start Date | Expiry Date | Status |
| Badgers | N/A | N/A | Not required | N/A | N/A | N/A |
| Bats | N/A | N/A | Not required | N/A | N/A | N/A |
| Birds | N/A | N/A | N/A | N/A | N/A | N/A |
| Amphibians | N/A | N/A | Not required | N/A | N/A | N/A |
| IAPS | Reg 49(2) | | Japanese knotweed | 02/01/2024 | 30/06/2024 | Expired |
| IAPS | Reg 49(2) | Reg 49 58/2024 | Japanese knotweed, Himalayan balsam | 06/09/2024 | 30/06/2025 | Expired |
| Otters | Reg 54 Derogation | DER-OTTER-2024-47 | Active holts N2, C2, N6C and N6D | 22/02/2024 | 31/12/2024 | Expired |
| | Reg 54 Derogation | DER-OTTER-2025-07 | Active holts and couch H3, H4, H5, AH1, H7A, H7B and H8, C1 | 27/02/2025 | 31/12/2025 | Active |
| | Section 23(6)b Photograph/Film | Reg 034/2024 | Trail cameras for Otter | 01/04/2024 | 31/10/2024 | Expired |
| | Section 23(6)b Photograph/Film | Reg 024/2025 | Trail cameras for Otter | 03/03/2025 | 31/12/2025 | Active |
| E-Fishing | Section 14 – Cois na Gleann | | Cois na Gleann | 01/07/2024 | 31/07/2024 | Expired |
| | Section 14 – All works areas | | Glashaboy, Glenmore River | 01/07/2024 | 31/09/2024 | Expired |

| September 2025 Look Ahead | |
|----------------------------------|--|
| Area | Activity/Sensitive Receptor |
| All Areas | N/A |
| New Line | Installation of Otter ledges |
| Copper Valley Vue | Instream works to continue in the dry. Installation of Otter ledges |
| Sallybrook | Monitoring of Sallybrook Stream outlet to the Glashaboy River is ongoing in light of accidental release of hydrocarbons. |
| Grandons | - |
| Meadowbrook | Installation of erosion matting to continue |
| Springmount | - |
| Circus Field | - |
| Hazelwood Bridge | Instream works to continue |
| Hazelwood Shopping Centre Bridge | Instream works to continue. Installation of Otter ledges |
| The Grove | Installation of rock armour and headwall for stormwater drainage line |

| Audit Acceptance/Sign-Off | |
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| Auditor Signature: Lisa Dolan | Site Representative Signature: Mark Snow |
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| Photograph 1 | Photograph 2 |
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| Caption 1 Copper Valley Vue Installation of rock armouring and erosion matting at Copper Valley Vue | Caption 2 Copper Valley Vue   |

| Photograph 3 | Photograph 4 |
|---|---|
| Caption 3 Area 3 Site Compound @ New Line  River gravels which were removed from the cofferdam of the eastern abutment of Hazelwood Shopping Centre Bridge and stored in Area 3: Site Compound @ New Line, were then reused instream on the western riverbank of the Glashaboy River at the base of the western abutment of the Hazelwood Shopping Centre Bridge. | Caption 4 Hazelwood Shopping Centre Bridge  |

| Photograph 5 | Photograph 6 |
|---|---|
|  |  |
| Caption 5 | Caption 6 |
| Installation of rock armouring at Hazelwood | |

| Photograph 7 | Photograph 8 |
|--|---|
|  |  |
| Caption 7 | Caption 8 |
| Deployment of hydrocarbon control measures at Hazelwood to address a localised hydrocarbon sheen | |

Photograph 9



Caption 9

Brooklodge

Photograph 10



Caption 10

Brooklodge

Electrofishing to create an instream dry works area was undertaken by Triturus Environmental Ltd.

Photograph 11



Caption 11

New Line

Photograph 12



Caption 12

New Line

The bed of river gravels which had deposited within New Line culvert were recovered and placed upstream of the step pools.