

**SORENSEN**

## Monthly Environmental Audit – June 2025

SPILL CONTROL  
OIL  
ABSORBENT  
GRANULES


INVASIVE  
PLANT  
SPECIES  
AREA



## Glanmire Flood Relief Scheme

01/06/25 to 30/06/25

## ENVIRONMENTAL AUDIT

<b>Project/Contract Name:</b>	Glanmire Flood Relief Scheme		
<b>Project Address:</b>	Sallybrook/Glanmire, Co. Cork		
<b>Auditor(s):</b>	<b>Site Ecologists Name:</b> Lisa Dolan	<b>Signature:</b> 	
	<b>Site Manager/SCE Environmental Unit:</b> Marcus Browne	<b>Signature:</b>	
<b>Monthly Report</b>	June 2025	<b>Period</b>	01/06/2025 – 30/06/2025
<b>Audit Number</b>	GFRS-EA-2025JUNE	<b>Date</b>	07/07/2025
<b>Locations Audited:</b>	All works areas		

Week Commencing 1<sup>st</sup> June

## Comments/Observations

- Rotary Bored Piling commenced on 03/06/2025 at Hazelwood Shopping Centre Bridge. A host of silt and cementitious material control measures were deployed for containment purposes to minimise the accidental spillage and release of polluting substances during the piling process.
- Further to the monitoring of 2 no. weep holes at Hazelwood Shopping Centre Bridge on 05/06/2025, action was taken by the Site Ecologist in terms of blocking the entrances to prevent birds from taking up nesting as a precaution.
- Further to the monitoring of the 8 no. weep holes at Hazelwood Bridge on 06/06/2025, action was taken in terms of blocking the entrances to 5 no. weep holes to prevent birds from taking up nesting i.e. a second brood of eggs. Three active nests remain i.e. Weep Holes A, C and F
- 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).
- Regular monitoring is being undertaken at Hazelwood Bridge (Weep Holes A, C and F) by the Site Ecologist. The Site Ecologist is in consultation with Sam Bayley NPWS Conservation Ranger with regards to the ongoing monitoring and blocking of the weep holes as each brood of young birds has fledged.
- 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. 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.



Week Commencing 9<sup>th</sup> June

## Comments/Observations

- Rotary Bored Piling continued at Hazelwood Shopping Centre Bridge. A host of silt and cementitious material control measures were deployed for containment purposes to minimise the accidental spillage and release of polluting substances during the piling process.
- A buffer zone was established around the American skunk cabbage at Sallybrook Stream on the 10/06/25.
- Installation of erosion matting on the embankment at Sallybrook recommenced on the 10/06/25 under the supervision of the IAPS Specialist Ecologist due to the presence of the 'regulated' species Japanese and Bohemian knotweed, and Spanish bluebell.
- Permit to Pump No. 136 was issued on 10/06/25 to facilitate the dewatering of the installed tanks at Sallybrook Pump Station.
- The remote water quality devices (sondes) were installed by Capital Water Systems Ltd. (CWSL Ltd.) upstream and downstream of works at Area 2: Hazelwood and Area 3: New Line on 12/06/25. The Hazelwood (d/s) sonde was placed outside of the 100m extent, as per the Works Requirements, due to the absence of an optimum location at a distance of 100m downstream of Hazelwood Shopping Centre Bridge.
- Environmental Tour 031 took place on the 13/06/25 - main findings related to remote water quality devices, future works, Sand martin, Little robin (*Geranium purpureum*) and the hybrid (*Geranium purpureum x robertianum*).
- 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).
- Regular monitoring is being undertaken at Hazelwood Bridge (Weep Holes A, C and F) by the Site Ecologist. The Site Ecologist is in consultation with Sam Bayley NPWS Conservation Ranger with regards to the ongoing monitoring and blocking of the weep holes as each brood of young birds has fledged.
- 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. 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.

Week Commencing 16<sup>th</sup> June

## Comments/Observations

- Environmental Tour 031 took place on the 13/06/25 - main findings related to house-keeping, future works, silt control measures, and Little robin (*Geranium purpureum*) and the hybrid (*Geranium purpureum x robertianum*).
- A walkover survey of the riverbank between was undertaken between Sallybrook and Grandons by the IAPS Specialist Ecologist on the 13/06/25 to facilitate the removal of the 'regulated' invasive species Himalayan balsam which was recorded present at a stormwater outfall in the sheetpile wall at Sallybrook, where silt control measures had been deployed under Permit to Pump No. 136.

- Surveys for Little-robin were undertaken on the 12/06/25 and the 16/06/25 prior to the programmed demolition of the masonry stone wall in Area 4: The Grove. Little robin and its hybrid were translocated to pots in the 'Environmentally Sensitive Area' at the main site compound at Circus Field. Given the presence of persistent warm weather conditions, the Site Ecologist also brought a number of plants home to ensure consistent watering until the plants had established.
- A survey for Japanese and Bohemian knotweed was undertaken by the IAPS Specialist Ecologist on the 16/06/25 along the remaining roadside boundary wall in Area 4: The Grove. Locations of all visible knotweed stands were demarcated.
- Permit to Clear Vegetation No. 18 (GFRS-PTCV-018) was issued on 16/06/25 to facilitate the construction of the RC Walls at Hazelwood Shopping Centre Bridge.
- Permit to Clear Vegetation No. 19 (GFRS-PTCV-019) was issued on 16/06/25 to facilitate the connection to the foul water drainage line at Area 4: The Grove.
- Permit to Clear Vegetation No. 20 (GFRS-PTCV-020) was issued on 16/06/25 to facilitate the construction of footpaths on Hazelwood Road.
- Permit to Clear Vegetation No. 21 (GFRS-PTCV-021) was issued on 17/06/25 to facilitate the construction of an access ramp to the river and the installation of temporary sheetpiles at Hazelwood Shopping Centre Bridge.
- Demolition of the deck of Hazelwood Shopping Centre Bridge commenced on 16/06/2025.
- Based on a recommendation by bat specialist, Dr. Isobel Abott, an immature Hawthorn (*Crataegus monogyna*) tree was removed from in front of 1 no. bat box (Schwegler 1FF) on the 18/06/25 at Bleach Hill under Permit to Clear Vegetation No. 17 (GFRS-PTCV-017). The spinose tree was removed as it was deemed to be an obstruction to bats attempting to gain entry to the artificial bat roost.
- Targeted site investigation for chemically dormant Japanese and Bohemian knotweed took place on the 20/06/2025 in Area 4: The Grove under the supervision of the IAPS Specialist Ecologist.
- 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).
- Regular monitoring is being undertaken at Hazelwood Bridge (Weep Holes A, C and F) by the Site Ecologist. The Site Ecologist is in consultation with Sam Bayley NPWS Conservation Ranger with regards to the ongoing monitoring and blocking of the weep holes as each brood of young birds has fledged.
- 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. 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.

**Week Commencing 23<sup>rd</sup> June****Comments/Observations**

- Permit to Pump No. 137 was issued on 23/06/25 to facilitate the connection to the foul water drainage line in Area 4: The Grove.
- Approx. 80 no. temporary sheetpiles were removed from the river margin at New Line on the 23/06/2025 under the supervision of Triturus Environmental Ltd.
- 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).
- Regular monitoring is being undertaken at Hazelwood Bridge (Weep Holes A, C and F) by the Site Ecologist. The Site Ecologist is in consultation with Sam Bayley NPWS Conservation Ranger with regards to the ongoing monitoring and blocking of the weep holes as each brood of young birds has fledged.
- 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. 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.

**Week Commencing 30<sup>th</sup> June****Comments/Observations**

- Permit to Pump No. 138 was issued on 30/06/25 to facilitate the dewatering of the temporary cofferdam/excavation for the pump station in Area 4: The Grove.
- Silt control measures installed in the Glashaboy River at Area 4: The Grove to accommodate demolition of the existing stone masonry wall.
- Further to a request from the ER Team, the downstream sonde (d/s) at Hazelwood was relocated by Capitol Water Systems Ltd. on the 30/06/2025 to within 100m of the works at Hazelwood Shopping Centre Bridge. It should be noted that the river approximately 100m downstream of the works is constrained in terms of safe access and soft ground conditions underfoot, the presence of a zone of mixing in the water column, the presence of an outfall (Springmount Stream), a slow-moving body water on one side of the channel and, a wide and shallow river margin on the opposite bank. In the absence of optimum conditions, the current location is being trialed to determine its suitability in light of the various constraints.
- 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).
- Regular monitoring is being undertaken at Hazelwood Bridge (Weep Holes A, C and F) by the Site Ecologist. The Site Ecologist is in consultation with Sam Bayley NPWS Conservation Ranger with regards to the ongoing monitoring and blocking of the weep holes as each brood of young birds has fledged.


- 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. 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.

## Environmental Licences Schedule

## Ecological Licences

Ecological Receptor	Licence Type	Licence No	Details	Start Date	Expiry Date	Status
<b>Badgers</b>	N/A	N/A	Not required	N/A	N/A	N/A
<b>Bats</b>	N/A	N/A	Not required	N/A	N/A	N/A
<b>Birds</b>	N/A	N/A	N/A	N/A	N/A	N/A
<b>Amphibians</b>	N/A	N/A	Not required	N/A	N/A	N/A
<b>IAPS</b>	Reg 49(2)		Japanese knotweed	02/01/2024	30/06/2024	Expired
<b>IAPS</b>	Reg 49(2)	Reg 49 58/2024	Japanese knotweed, Himalayan balsam	06/09/2024	30/06/2025	Expired
<b>Otters</b>	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
<b>E-Fishing</b>	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

May 2025 Look Ahead	
Area	Activity/Sensitive Receptor
All Areas	N/A
New Line	Instream works to commence
Copper Valley Vue	Instream works to commence
Sallybrook	Monitoring of Sallybrook Stream outlet to the Glashaboy River is ongoing in light of accidental release of hydrocarbons.  Dewatering of installed pump station tanks is ongoing
Grandons	-
Meadowbrook	-
Springmount	-
Circus Field	-
Hazelwood Bridge	Instream works to commence
Hazelwood Shopping Centre Bridge	Instream works to commence
The Grove	Instream works to commence for the RC Walls

Audit Acceptance/Sign-Off	
<b>Auditor Signature:</b> Lisa Dolan	<b>Site Representative Signature:</b> Mark Snow
	





Photograph 1	Photograph 2
	
<b>Caption 1</b> Sallybrook	<b>Caption 2</b> Hazelwood Bridge
Buffer zone established around the Skunk cabbage at Sallybrook Stream	Remaining active Sand martin bird nests in Weep Holes A, C and F

Photograph 3	Photograph 4
	
	
<b>Caption 3</b> The Grove	<b>Caption 4</b> The Grove/Circus Field
Survey for Little robin and translocation to pots within the Environmentally Sensitive Area at the site offices in the main compound in Circus Field	



Photograph 5	Photograph 6
	
<b>Caption 5      Hazelwood Shopping Centre Bridge</b>	<b>Caption 6      Hazelwood Shopping Centre Bridge</b>
Blocking of 2 no. weep holes in retaining wall at Hazelwood Shopping Centre Bridge	

Photograph 7	Photograph 8
	
<b>Caption 7      Hazelwood Shopping Centre Bridge</b>	<b>Caption 8      Hazelwood Shopping Centre Bridge</b>
Blocking of 2 no. weep holes in retaining wall at Hazelwood Shopping Centre Bridge	



Photograph 9



Caption 9

The Grove

Silt curtains at The Grove for silt control

Photograph 10



Caption 10

Bleach Hill

Hawthorn tree removed from the location of the bat box at Bleach Hill



**Photograph 11**



**Caption 11**

**Hazelwood**

Silt and Cementitious materials control measures at Hazelwood Shopping Centre Bridge

**Photograph 12**



**Caption 12**

**Sallybrook**

Installation of erosion matting on the embankment at Sallybrook



**Photograph 13**



**Caption 13** Sallybrook

**Photograph 14**



**Caption 14** Sallybrook

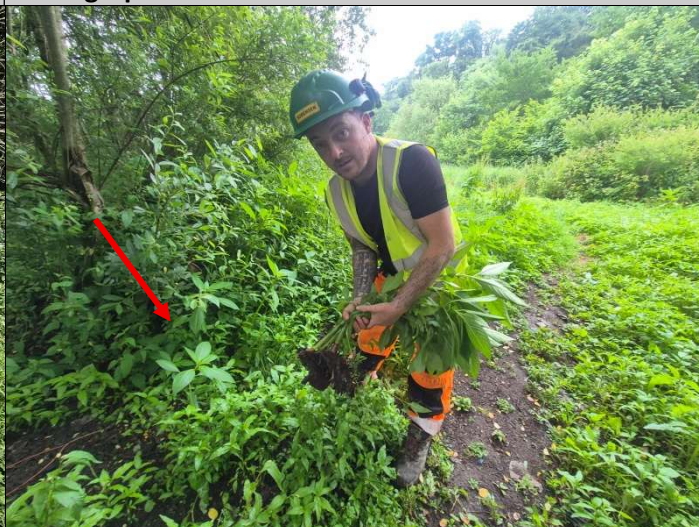
“Balsam bashing” at an outfall in sheet pile wall in Sallybrook, which was subsequently removed by the IAPS Specialist Ecologist and placed in the Temporary Holding Facility until the plants have desiccated.

**Photograph 15**



**Caption 15** The Grove



**Photograph 16**




**Caption 16** The Grove

“Balsam bashing” at Area 4: The Grove by the IAPS Specialist Ecologist and SCEs Environmental Team.

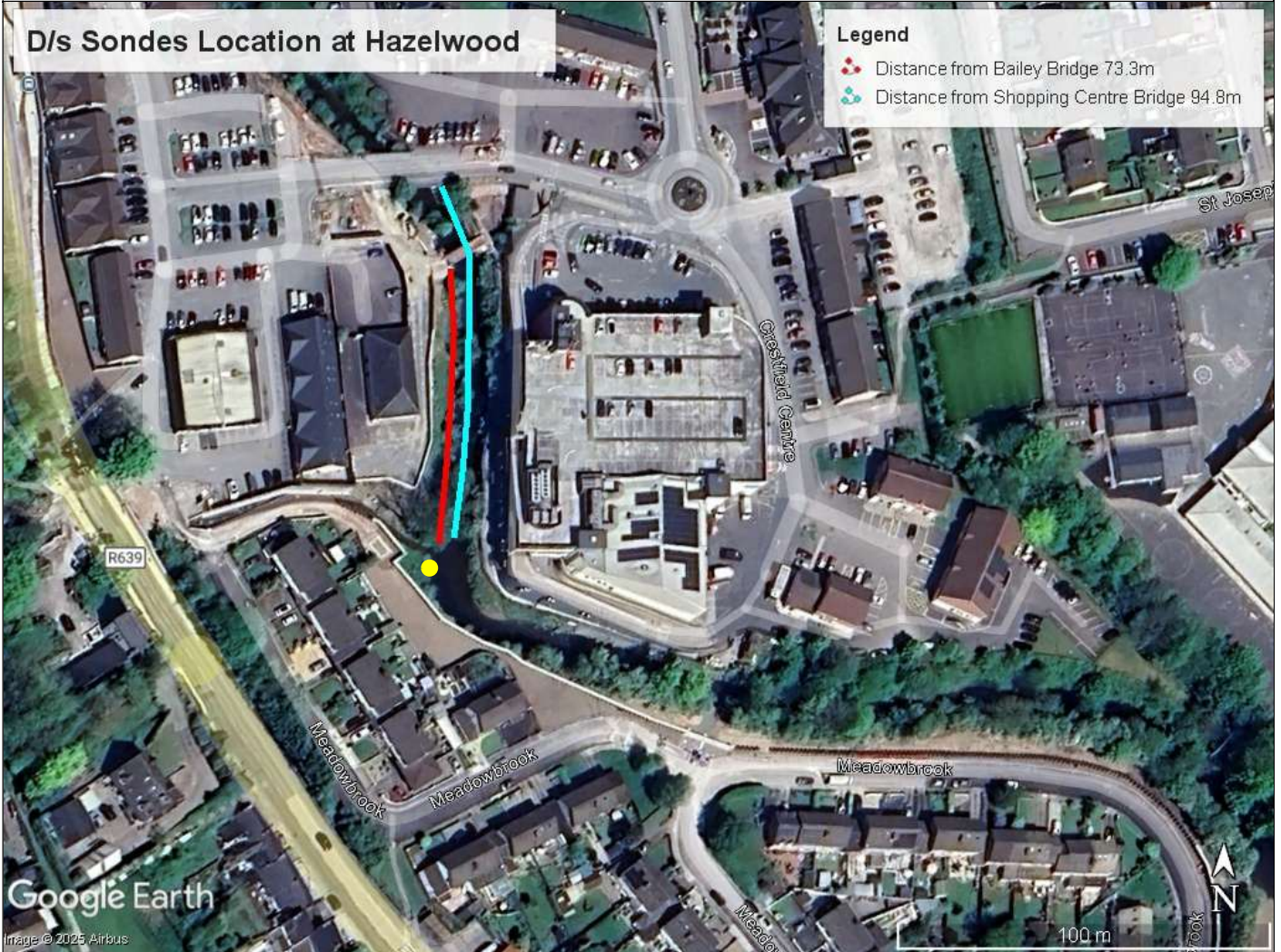


Photograph 17	Photograph 18
	
<b>Caption 17</b> <b>The Grove</b>	<b>Caption 18</b> <b>The Grove</b>
<p>"Balsam bashing" at Area 4: The Grove by the IAPS Specialist Ecologist and SCEs Environmental Team. Site investigation for chemically dormant Japanese and Bohemian was undertaken, once the Balsam Bashing was completed, under the supervision of the IAPS Specialist Ecologist.</p>	

Photograph 19	Photograph 20
	
<b>Caption 19</b> <b>The Grove</b>	<b>Caption 20</b> <b>The Grove</b>
<p>A survey for visible Japanese and Bohemian knotweed stands was undertaken by the IAPS Specialist Ecologist in advance of the demolition of the wall</p>	



Photograph 21



**Caption 19**      **Hazelwood**

The downstream sondes at Hazelwood was relocated from the OPW Hydrometric Station to the location shown in yellow just downstream of the confluence with Springmount Stream.