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MetroLink

Transport Infrastructure Ireland

**Note on Removal of Pipe and Instream Supporting Structure at the
Broadmeadow River**

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Document history and status

Revision	Date	Description	Author	Checker	Reviewer	Approver
01	11/03/2024	For information	AS	RH	RH	AR (ALG)

Note on Removal of Pipe and Instream Supporting Structure at the Broadmeadow River

Question from the Inspector – Are instream works required to remove the pipe and instream supporting structure at the Broadmeadow River, Lissenhall?

There will be instream works required to remove the pipe and instream supporting structure at the Broadmeadow River but they will be limited to a construction operative working from the river to secure lifting equipment to elements of the structure being removed and cutting the pier from the plinth. No heavy machinery or construction plant will operate instream.

The methodology for removing the pipe and instream supporting structure at the Broadmeadow River is as follows:

1. The pipe will be made redundant and drained.
2. A silt trap will be installed downriver (within the working area) to ensure that any materials disturbed by the subsequent works (dust, sediment etc) do not migrate beyond the working area.
3. A small crane sited on the river bank within the working area will be attached to the pipe with slings.
4. The pipe will be cut at either end and lifted clear of the central support pier.
5. The pier will be separated from the plinth (above water level) by cutting through the pier structure. This will be undertaken by an operative working within the river utilising suitable cutting equipment serviced from the river bank within the working area. The plinth will be attached to the crane and lifted clear.
6. Once complete all materials and equipment will be removed from the river and the area inspected.
7. The MetroLink environmental team will keep a watching brief and undertake a final inspection prior to the removal of the silt trap.
8. The works are scheduled to take 2 days.

The mitigation measures set out in Section 15.5.1.1.1 of the EIAR (and the associated outline Construction Environmental Management Plan (CEMP) in Appendix A5.1), and the updated Schedule of Environmental Commitments, will ensure the works to removing the pipe and instream supporting structure at the Broadmeadow River will not give rise to any likely significant effects on biodiversity, including the downstream designated sites for nature conservation in Malahide Estuary.

The mitigation measures set out in Section 7.4 of the NIS (and the associated outline Construction Environmental Management Plan (CEMP) in Appendix A5.1 of the EIAR), and the updated Schedule of Environmental Commitments, will ensure the works to removing the pipe and instream supporting structure at the Broadmeadow River will not adversely affect the integrity of the downstream Malahide Estuary SAC or Malahide Estuary SPA.