

## 9.4 Photographs

## Appendix 9.4 Ballina FRS – River Moy and Tributaries Photograph File

### River Moy



**Site M1** FS1 / Annex I habitat 6430 on RHS downstream of Lower Bridge + instream habitat (22 July 2021)



**Site M2** Bankside and instream habitat at low tide (22 July 2021)



**Sites M3/4** Cathedral Pool with boulder deflectors visible at low tide on the Cathedral Road side – salmon migration route / fishing area (22 July 2021)





**Site M5/6** Cathedral Pool - Existing bank defences and instream habitat with deflectors (low tide) (22 July 2021)



**Site M7/8** Ridge pool - views downstream and upstream towards Salmon Weir (22 July 2021)



**Site M9/10** Existing river walls on Ridgepool RHS and non-return culvert flap (22 July 2021)





**Sites M11/12** Emmett Street (LHS) view downstream and close up of instream habitat with dominant pondweed (22 July 2021)



**Site M13** Knockenelo Stream northernmost culvert confluence, with LHS existing wall & view across to RHS (22 July 2021)



**Site M14** LHS instream and bankside habitat (22 July 2021)





**Site M15** Upstream / downstream views from pontoon floating dock (22 July 2021)



**Site M15** Lamprey ammocoete with close-up of trunk myomeres (12 July 2022)

## Brusna/Glenree River



**BR1** – Brusna/Glenree, low wall with narrow, tree-lined riparian corridor along R294 road (12 July 2022)



**BR2** – Brusna/Glenree, kick sample site, view upstream (12 July 2022)





**BR3** – Brusna/Glenree, low weir viewed downstream. The reach is subject to set-back embankment along the access to Shanaghy Heights (12 July 2022)



**BR3a** – Brusna/Glenree: Shanaghy Heights Bridge – bank and bed protection extending 6m downstream (11 September 2023)



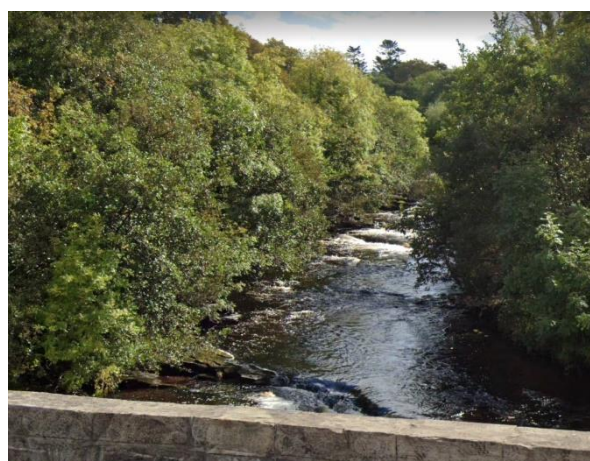
**BR3a** – Brusna/Glenree: view upstream from Shanaghy Heights Bridge – excellent salmonid spawning and nursery habitat (11 September 2023)



**BR4** – Brusna/Glenree relatively rare glide/pool – salmonid holding habitat (12 July 2022)



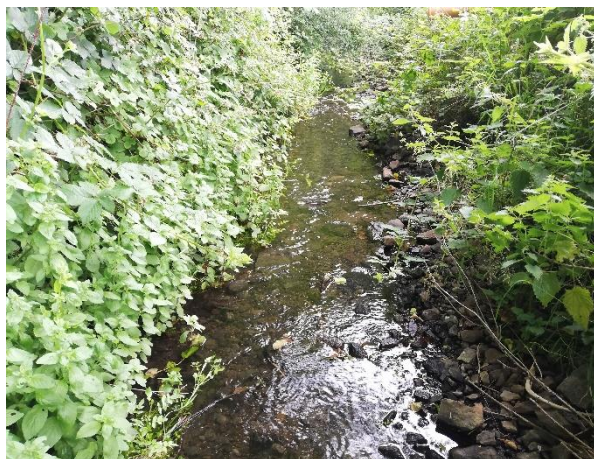
**BR5** – Brusna/Glenree, good salmonid spawning/nursery area upstream footbridge (12 July 2022)



**BR6** – Brusna/Glenree, natural bedrock cascades upstream of N59 bridge (12 July 2022)



## Tullyegan Stream



**TE1** – Tullyegan, upper catchment instream habitat (11 July 2022)



**TE2** - Tullyegan, view downstream from TE2 (11 July 2022)



**TE3** – Tullyegan, instream habitat showing drained channel and *Cladophora* coverage (11 July 2022)



**TE4** – Tullyegan, view downstream from N26 road bridge (11 July 2022)

## Bunree Stream



**BN1** – Bunree, upper reaches mainly dry with emergent vegetation (11 July 2022)



**BN2** – Bunree, upper reaches, occasional damp pools within a deepened channel (11 July 2022)





**BN3** – Bunree, drained parallel to Behy Road (11 July 2022)

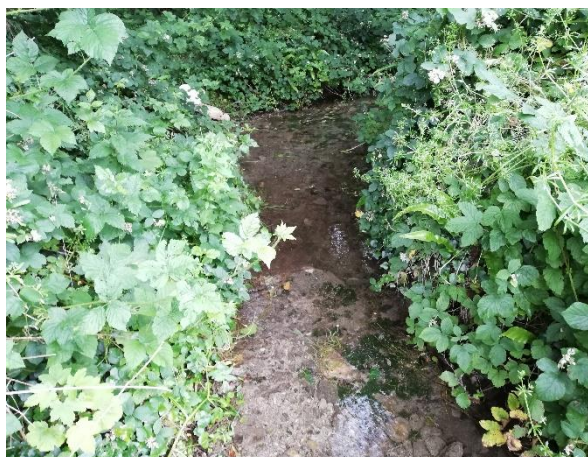


**BN5** – lower reach downstream of culverts, view downstream toward Moy confluence (11 July 2022)

### Quignamanger Stream



**QG1** – Quignamanger, upper catchment (11 July 2022)



**QG2** – Quignamanger, view upstream at QG2 showing calcareous concretion and tufa formation (11 July 2022)



**QG3** – Quignamanger, roadside swale (11 July 2022)

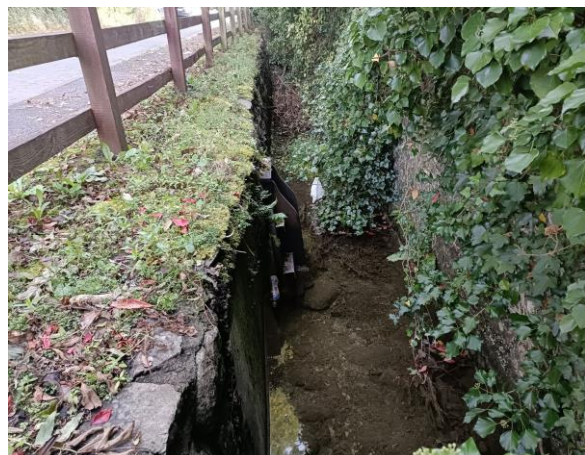


**QG4** – Quignamanger, roadside swale (11 July 2022)





**QG5** – Quignamanger, short section of open channel at Cregg /Quay Road junction (11 July 2022). Wooden railing to be replaced with flood defence wall.



**QG5** – Quignamanger, outfall from existing active culvert via flap valve to open channel confined by walls (11 Sept. 2023)



**QG5** – Quignamanger, dry culvert ("diversion culvert" to be replaced) upstream of the flowing stream emerging from the flap valve (11 Sept. 2023)



**QG5** – Quignamanger, tufa deposits on small cascade along channel bed at ITM X, Y: 525754, 821171 – located about 15m downstream of flap valve emergence (12 Sept. 2023)



**QG5** – Quignamanger, existing culvert beneath Quay Road (to be replaced with correctly sized box culvert) (11 Sept. 2023)



**QG6** – Quignamanger, view of tidal River Moy downstream of piped outfall (11 July 2022)