

Results of Lamprey survey conducted under the Supervision of IFI (Frank Greene) by Waterways Ireland (Daireann McDonnell and Eamonn Horgan)

Methodology: 6t Digger took bucket samples at each location from pontoons floated to each location using the WI Inishfendra Work Boat. Contents of each bucket were searched for on the deck of the pontoons and results of finds recorded by Ecologist

Positive Locations for Lamprey highlighted in yellow below.

No	Project	Date of Inspection	Inspection Location/Chainage	Location Description	Drawing Number	Feature/ Type	Material/Substrate Type and comments	Lamprey Present Y/N	Total Lamprey present	No of Juveniles	No Transformers	No of Adults
1	Ballyconnell to Bellaheady Recreational Trail	11/12/2019	4045	1st Culvert at trail bend leaving the river towards the road Ballyconnell end		Culvert	heavy compacted silt and clay with some stones and gravels	N	0	0	0	0
2	as above	11/12/2019	4008	2nd culvert from Ballyconnell end	129 P04.1	Culvert	heavy compacted silt and clay with some soft silts	Y	1	0	1	0
3	as above	11/12/2019	3753	3rd culvert from Ballyconnell end	127 P04.1	Culvert	Clay with some sandy soft silts	Y	2	2	0	0
4	as above	11/12/2019	3658	4th Culvert - very minor culvert with likelihood of lamprey present. Not sampled	127 P04.1	Culvert	gravels only very fast flowing no obvious silts or clay present	N	0	0	0	0
5	as above	11/12/2019	3584	5th Culvert - on fast flowing deep bend	126 P04.1	Culvert	Hard material with sticks not suitable habitat on fast flowing bend	N	0	0	0	0
6	as above	11/12/2019	3556	6th Culvert - on fast flowing deep bend	126 P04.1	Culvert	Hard material with sticks not suitable habitat on fast flowing bend same as above - no test dig carried out visual inspection only	N	0	0	0	0
7	as above	11/12/2019	3491	7th Culvert - at the start of fast flowing deep bend at the end of and incorporated into revetment	126 P04.1	Culvert	some sandy silty material with clay and stones	Y	1	1	0	0
8	as above	11/12/2019	3342	8th Culvert - before revetment at large willow	125 P04.1	Culvert	silty material with sandy clay substrate also present	Y	4	3	1	0
9	as above	11/12/2019	3255	9th Combined Drinker-small Culvert	124 P04.1	Culvert	Compact clay and sandy material with no soft silt	N	0	0	0	0
10	as above	11/12/2019	3000-3003	10th Large Culvert/Dug out boat channel	123 P04.1	Mini canal cut	Large Rocks and Gravels	N	0	0	0	0
11	as above	11/12/2019	2550	11th Culvert	121 P04.1	Culvert	light gravels and some silt	Y	2	2	0	0
12	as above	11/12/2019	2400-2402	12th Culvert/drinker at large hedgerow	120 P04.1	Culvert and Drinker	All rocky substrate	N	0	0	0	0
13	as above	11/12/2019	2345	13TH Culvert straight bank fast flow	120 P04.1	Culvert	Suitable silty material with some sandy clay	N	0	0	0	0
14	as above	11/12/2019	2283	13A Drinker	120 P04.1	Drinker	All rocky substrate	N	0	0	0	0
15	as above	11/12/2019	2260	14th culvert	120 P04.1	Culvert	gravels only very fast flowing no obvious silts or clay present - 1 perch caught in bucket and released	N	0	0	0	0
16	as above	11/12/2019	2249	15th Culvert	120 P04.1	Drinker	gravels only very fast flowing no obvious silts or clay present as above - no test dig carried out visual inspection only	N	0	0	0	0
17	as above	11/12/2019	2053	16th Culvert	119 P04.1	Culvert	Gravel substrate only	N	0	0	0	0
18	as above	11/12/2019	1910	17th Culvert	119 P04.1	Culvert	Gravels and solid clay bank material	N	0	0	0	0
19	as above	11/12/2019	1735	18th Culvert	118 P04.1	Low land spot	fast flowing water - no test dig carried out visual inspection only	N	0	0	0	0
20	as above	11/12/2019	1616	19th Culvert	118 P04.1	Culvert	Gravel substrate , clean water in bucket	N	0	0	0	0
21	as above	11/12/2019	1505-1515	20-21st Culverts	117 P04.1	Culvert	mix of sands, clay, gravels and silts	N	0	0	0	0
22	as above	11/12/2019	1505-1515	20-21st Culverts	117 P04.1	Culvert	mix of sands, clay, gravels and silts	N	0	0	0	0
23	as above	11/12/2019	1339	22nd Culvert	116 P04.1	Culvert	Gravel substrate , clean water in bucket	N	0	0	0	0
24	as above	11/12/2019	1235	23rd Culvert	116 P04.1	Culvert	hard compact clay and stoney material	N	0	0	0	0
25	as above	11/12/2019	1196-1200	24th Culvert	115 P04.1	Culvert	Gravel substrate , clean water in bucket	N	0	0	0	0
26	as above	11/12/2019	1055	25th Culvert in open field	115 P04.1	Culvert	Mix of stones and clay substrate	N	0	0	0	0
27	as above	11/12/2019	978	26th Culvert and Drinker	115 P04.1	Culvert and Drinker	Solid stone/clay bed	N	0	0	0	0
28	as above	11/12/2019	951	27th Culvert	115 P04.1	Culvert	Solid stone/clay bed	N	0	0	0	0
29	as above	11/12/2019	920	28th and 29th small culverts	115 P04.1	Culvert	Solid stone/clay bed - no test digs carried out - visual inspection only	N	0	0	0	0
30	as above	11/12/2019	900	28th and 29th small culverts	115 P04.1	Culvert	Solid stone/clay bed - no test digs carried out - visual inspection only	N	0	0	0	0
31	as above	11/12/2019	656	30th Culvert	114 P04.1	Culvert	hard compact clay and stoney material	N	0	0	0	0
32	as above	11/12/2019	494	31st small culvert	113 P04.1	Culvert	hard compact clay and stoney material	N	0	0	0	0
33	as above	11/12/2019	410	32nd small culvert	113 P04.1	Culvert	hard compact clay and stoney material no test digs carried out - visual inspection only	N	0	0	0	0
Note to Engineers Contractor	as above	11/12/2019	392	Proposed Otter holt construction no longer required as Otter holt confirmed as not present	113 P04.1	River Bank						
	as above	11/12/2019	380		113 P04.1							
Total Lamprey Found									10	8	2	0