



## EPA RIVER QUALITY SURVEYS: BIOLOGICAL

Biotic indices ("Q Values") reflect average water quality at any location as follows:

Q Value*	WFD Status	Pollution Status	Condition **
Q5, Q4-5	High	Unpolluted	Satisfactory
Q4	Good	Unpolluted	Satisfactory
Q3-4	Moderate	Slightly polluted	Unsatisfactory
Q3, Q2-3	Poor	Moderately polluted	Unsatisfactory
Q2, Q1-2,	Bad	Seriously polluted	Unsatisfactory

\* These Values are based primarily on the relative proportions of pollution sensitive to tolerant macroinvertebrates (the young stages of insects primarily but also snails, worms, shrimps etc.) resident at a river site. The intermediate values (Q1-2, 2-3, 3-4 etc.) denote transitional conditions. The scheme mainly reflects the effects of organic pollution (i.e. de-oxygenation and eutrophication) but where a toxic effect is apparent or suspected the suffix '0' is added to the biotic index (e.g. Q1/0, 2/0 or 3/0). An asterisk after the Q value (e.g. Q3\*) indicates something worthy of special attention, typically heavy siltation of the substratum.

\*\* "Condition" refers to the likelihood of interference with beneficial or potential beneficial uses.

Also presented is a description of the exact location surveyed with relevant OS Grid Reference, WFD river water body code and relevant Local Authority.

## Hydrometric Area 24

Name	Code
AHACRONANE	24A01
AHAVARRAGA STREAM	24A02
ARRA	24A04
BALLYLONGFORD	24B03
BALLYNACLOGH	24B04
BALLYNAMONA	24B08
BARNAKYLE	24B05
BROADFORD STREAM	24B07
BUNOKE	24B06
CAMOGÉ	24C01
CHARLEVILLE STREAM	24C02
CLONSHIRE	24C03
CLOONLAHARD STREAM	24C06
DEEL (NEWCASTLEWEST)	24D02
DOONCAHA STREAM	24D07
DRUMCOMOGÉ	24D04
Emly 24	24E02
FLEMINGSTOWN STREAM	24F03
GLENCORBRY	24G03
GREANAGH	24G05
LISMAKEERY STREAM	24L03
LOOBAGH	24L01

Name	Code
MAHORE	24M04
MAIGUE	24M01
MORNINGSTAR	24M02
OWVANE (LIMERICK)	24O02
SHANAGOLDEN STREAM	24S02
TARBERT	24T01

**AHACRONANE****24A01**

Date Surveyed (last survey year only): 19/06/23, 21/09/23

**Biological Quality Rating (Q Values)**

Station Code	1989	1993	1996	1999	2002	2006	2008	2011	2014	2017	2020	2023
RS24A010400	3	3	3	3	3	3		3	3	3	3	3
RS24A010700	3											
RS24A010900	3	3	3	3	3	3	3	3	3	3	3	3

**Most Recent Assessment:**

Ecological conditions at both stations continuing Poor in 2023.

**Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24A010400	Br S of Spa Wells	IE_SH_24A010400	130838	144090	Limerick City & County Council
RS24A010700	AHACRONANE - Ahacronane Br (N of Nutgrove Ho)	IE_SH_24A010900	129390	147431	Limerick City & County Council
RS24A010900	Br SW of Barrigone	IE_SH_24A010900	128412	149769	Limerick City & County Council

**AHAVARRAGA STREAM**

**24A02**

Date Surveyed (last survey year only): 09/07/25

**Biological Quality Rating (Q Values)**

Station Code	1989	1993	1996	1999	2002	2005	2007	2008	2011	2014	2017	2018	2019	2020	2023	2024	2025
RS24A020200	4	4	4	4	4	4					3			3	3		
RS24A020300	1	3															
RS24A020400	1	2-3		2	2	2	1-2	2	1-2	2-3	1	1	1-2	2-3	2	1*	1-2
RS24A020600	2	3															
RS24A020800	1-2	3	2	2-3	3	3		3	2-3	2-3	2-3			3	3		

**Most Recent Assessment:**

The Ahavarraga Stream remains in bad ecological condition with Chironomus the dominant taxon when surveyed in 2025.

**Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24A020200	AHAVARRAGA STREAM - Br at W side of Drumcolliher	IE_SH_24A020800	137901	121127	Limerick City & County Council
RS24A020300	AHAVARRAGA STREAM - Priests Br	IE_SH_24A020800	137911	121467	Limerick City & County Council
RS24A020400	Br 0.5km d/s Priests Br	IE_SH_24A020800	137582	121873	Limerick City & County Council
RS24A020600	AHAVARRAGA STREAM - Moyvane Br	IE_SH_24A020800	136763	122805	Limerick City & County Council

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Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24A020800	W of Mundellihy	IE_SH_24A020800	137279	124270	Limerick City & County Council

**ARRA****24A04**

Date Surveyed (last survey year only): 15/06/23

**Biological Quality Rating (Q Values)**

Station Code	1989	1993	1996	1999	2002	2005	2008	2011	2014	2017	2020	2023
RS24A040300	4	4	4	4	4	4		4				
RS24A040310	3	4	4	4	4	4						
RS24A040400	3-4	4										
RS24A040500	3	3-4	3	3-4	4	4	3	3	3	3	3	3
RS24A040600	3-4	4										

**Most Recent Assessment:**

Poor ecological conditions continue on the Arra river in 2023.

**Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24A040300	ARRA - Br S of Dromin (LHS)	IE_SH_24A040500	125015	133815	Limerick City & County Council
RS24A040310	ARRA - Br S of Dromin (RHS)	IE_SH_24A040500	125015	133815	Limerick City & County Council
RS24A040400	ARRA - Br E of Cullenagh Ho (D40)	IE_SH_24A040500	127449	133429	Limerick City & County Council
RS24A040500	Cork Br, Newcastle West	IE_SH_24A040500	128775	133496	Limerick City & County Council
RS24A040600	ARRA - Just u/s Deel R confl	IE_SH_24D020800	129947	132855	Limerick City & County Council

**BALLYLONGFORD****24B03**

Date Surveyed (last survey year only): 20/06/23

**Biological Quality Rating (Q Values)**

Station Code	1988	1994	1996	1999	2002	2005	2008	2011	2014	2017	2020	2023
RS24B030300	4	3	3-4	4	4	4						
RS24B030400						2-3	3-4	3-4	3	4	3-4	3-4
RS24B030700	3	3	3	3	3-4	3-4	4	4	3-4	4	3-4	3-4

**Most Recent Assessment:**

Continuing unsatisfactory with moderate ecological conditions recorded at both river stations surveyed on the Ballylongford in 2023.

**Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24B030300	BALLYLONGFORD - Br N of Kilgarvan	IE_SH_24B030400	96000	141849	Kerry County Council
RS24B030400	Br SW of Shrone	IE_SH_24B030400	98355	141869	Kerry County Council
RS24B030700	Gortanacooka Br	IE_SH_24B030700	99304	143411	Kerry County Council

**BALLYNACLOGH****24B04**

Date Surveyed (last survey year only): 15/09/89

**Biological Quality Rating (Q Values)**

Station Code	1989
RS24B040100	3
RS24B040500	3
RS24B040800	3

**Most Recent Assessment:****Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24B040100	BALLYNACLOGH - Cloghane Bridge	IE_SH_24B040800	159409	148851	Limerick City & County Council
RS24B040500	BALLYNACLOGH - Bridge S.W. of Routagh House	IE_SH_24B040800	159215	149814	Limerick City & County Council
RS24B040800	BALLYNACLOGH - Bridge S.W. of Rossbrien Ho	IE_SH_24B040800	158123	152411	Limerick City & County Council

**BALLYNAMONA****24B08**

Date Surveyed (last survey year only): 03/08/88

**Biological Quality Rating (Q Values)**

Station Code	1988
RS24B080300	4
RS24B080600	3-4
RS24B080900	3-4

**Most Recent Assessment:****Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24B080300	BALLYNAMONA - Bridge u/s confl with E.limb	IE_SH_24B080900	172654	142273	Limerick City & County Council
RS24B080600	BALLYNAMONA - Second Bridge u/s New Bridge	IE_SH_24B080900	171506	140460	Limerick City & County Council
RS24B080900	BALLYNAMONA - Bridge d/s New Bridge	IE_SH_24B080900	169168	138892	Limerick City & County Council

**BARNAKYLE****24B05**

Date Surveyed (last survey year only): 16/08/23

**Biological Quality Rating (Q Values)**

Station Code	1988	1994	1996	1999	2003	2006	2008	2011	2014	2017	2020	2023
RS24B050300		3	3-4	3	3	3	3	3	3	3	3	3
RS24B050400		3	3-4	3-4	3-4	3-4						
RS24B050500	4											
RS24B050600	3-4	3	2-3	3	3	3	3	3	3	3-4	3-4	3-4

**Most Recent Assessment:**

Unsatisfactory with ecological condition remaining Poor at station 0300 and Moderate at station 0600 in 2023.

**Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24B050300	Br SW of Kilpeacon Crossroads	IE_SH_24B050300	156258	147710	Limerick City & County Council
RS24B050400	BARNAKYLE - Dooneen Br	IE_SH_24B050600	155257	149914	Limerick City & County Council
RS24B050500	BARNAKYLE - Barnakyle Br	IE_SH_24B050600	152940	151061	Limerick City & County Council
RS24B050600	Br SE of Clarina	IE_SH_24B050600	151076	153043	Limerick City & County Council

**BROADFORD STREAM****24B07**

Date Surveyed (last survey year only): 12/06/23

**Biological Quality Rating (Q Values)**

Station Code	1988	1993	1996	1999	2002	2005	2008	2011	2014	2017	2020	2023
RS24B070300	4	4	4	4	4	4		4				
RS24B070500	4	4	3	2-3	3	3-4	3-4	4	4	3-4	3-4	3-4

**Most Recent Assessment:**

Continuing unsatisfactory with moderate ecological condition recorded on the Broadford Stream in 2023.

**Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24B070300	BROADFORD STREAM - Br u/s Broadford Br	IE_SH_24B070500	133245	121096	Limerick City & County Council
RS24B070500	Lisnafulla Br	IE_SH_24B070500	131920	123871	Limerick City & County Council

**BUNOKE****24B06**

Date Surveyed (last survey year only): 08/07/24

**Biological Quality Rating (Q Values)**

Station Code	1984	1989	1993	1996	1999	2002	2005	2008	2011	2014	2017	2020	2023	2024
RS24B060005		3												
RS24B060025		3	2-3	2	3	3	3	3	2-3	3	3-4	3-4	3-4	
RS24B060035		2-3	3											
RS24B060050		2-3	3	2-3	3	3	3-4							
RS24B060070		3	3											
RS24B060100		3	3-4	3-4	3	3	3-4	4	3-4	3-4	3-4	3	3-4	
RS24B060150		3	4	4										
RS24B060200	3-4	3-4	4	4	4	4	3-4	4	3-4	4	4	4		4

**Most Recent Assessment:**

In 2024, Station 24B060200 was assessed and was found to remain in Good Ecological condition

**Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24B060005	BUNOKE - Br just S of Glenmore	IE_SH_24B060100	123589	126806	Limerick City & County Council
RS24B060025	Br S of Glenquin Ho	IE_SH_24B060100	124434	126500	Limerick City & County Council

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24B060035	BUNOKE - Br SW of Killeedy	IE_SH_24B060100	126637	126283	Limerick City & County Council
RS24B060050	BUNOKE - Br NE of Cantogher (B8)	IE_SH_24B060100	128177	125272	Limerick City & County Council
RS24B060070	BUNOKE - Second Br d/s 0050	IE_SH_24B060100	129804	124214	Limerick City & County Council
RS24B060100	Anacomusk Br (d/s side) (B6)	IE_SH_24B060100	131643	124228	Limerick City & County Council
RS24B060150	BUNOKE - Br SW of Ahawilk (B1)	IE_SH_24B060200	131835	126657	Limerick City & County Council
RS24B060200	Bunoke Br	IE_SH_24B060200	131868	128521	Limerick City & County Council

**CAMOGGE****24C01**

Date Surveyed (last survey year only): 16/08/23, 17/08/23

**Biological Quality Rating (Q Values)**

Station Code	1976	1981	1984	1988	1993	1996	1999	2003	2006	2008	2012	2014	2017	2018	2020	2021	2023
RS24C010060														3	3-4	3-4	
RS24C010100		3	3-4	3-4	3-4	3-4	4	3-4	3-4					3			
RS24C010200		3-4	3-4	3-4	3-4	4	4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4		3-4
RS24C010250		3-4	3-4	3-4	4	3-4	4	3-4									
RS24C010300		3-4	3-4	3-4	3-4												
RS24C010400		4	3-4	3-4	3-4	3-4	3-4	3-4	4	4	3-4	3	3		3		3-4
RS24C010500		3-4	3-4	3-4	4	3-4	3-4	3-4									
RS24C010600	4-5	4	4	4	3-4	3-4	3-4	3-4	4	4	4	3	3		3		3-4

**Most Recent Assessment:**

Unsatisfactory conditions continue at all stations surveyed on the Camogue in 2023, however stations 0400 and 0600 improved from poor to moderate ecological status.

**Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24C010060	Br u/s of Cloghansoun Br.	IE_SH_24C010200	167313	140334	Limerick City & County Council
RS24C010100	CAMOGGE - Cloghansoun Br	IE_SH_24C010200	167600	141272	Limerick City & County Council

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Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24C010200	Longford Br	IE_SH_24C010200	164553	143485	Limerick City & County Council
RS24C010250	CAMOGGE - Nr Ballycullane	IE_SH_24C010400	160400	142435	Limerick City & County Council
RS24C010300	CAMOGGE - Cloghnamanagh Br	IE_SH_24C010400	158837	141486	Limerick City & County Council
RS24C010400	Gray's Br	IE_SH_24C010400	157953	140314	Limerick City & County Council
RS24C010500	CAMOGGE - Br S of Monaster	IE_SH_24C010600	154848	140878	Limerick City & County Council
RS24C010600	Cloghanduff Br	IE_SH_24C010600	152499	139533	Limerick City & County Council

**CHARLEVILLE STREAM****24C02**

Date Surveyed (last survey year only): 23/08/23

**Biological Quality Rating (Q Values)**

Station Code	1986	1988	1989	1994	1996	1999	2003	2006	2008	2011	2014	2017	2020	2023
RS24C020200				3	3	2-3	3	3	3	3	2-3	3	3	3
RS24C020400	1		2-3											
RS24C020500	2	2	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	2-3	3	3
RS24C020800	3	2	2-3	2-3	3	3	3	3	3	3		2-3	3-4	3-4

**Most Recent Assessment:**

Continuing unsatisfactory at all stations on Charleville stream in 2023. Stations 0200 and 0500 continue with poor ecological status while station 0800 continues with moderate ecological status.

**Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24C020200	West Br S of Charleville	IE_SH_24C020780	153580	122395	Cork County Council
RS24C020400	CHARLEVILLE STREAM - Br S of Ballincolly	IE_SH_24C020780	154151	124202	Cork County Council
RS24C020500	Br N of Ballincolly	IE_SH_24C020780	154124	125107	Cork County Council
RS24C020800	Just u/s Maigne R. confluence	IE_SH_24C020800	154236	127370	Limerick City & County Council

**CLONSHIRE****24C03**

Date Surveyed (last survey year only): 15/06/23, 16/08/23

**Biological Quality Rating (Q Values)**

Station Code	1988	1989	1993	1996	1999	2002	2006	2008	2012	2014	2017	2020	2023
RS24C030200	4		3										
RS24C030300	3-4		3	3	3	3	3	3	3	3	3	3	3
RS24C030600	3		3-4	3-4	3	3							
RS24C030700	3	3	3	3	3	3	3	3	3	3	3	3	
RS24C030710	1	3	3	3	3	3			3	3	3	3	3
RS24C030900	3-4		3-4	3	3	3	3-4	3	3	3	3	3	3

**Most Recent Assessment:**

Continuing unsatisfactory with Poor ecological conditions observed at the three stations sampled on the Clonshire in 2023.

**Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24C030200	CLONSHIRE - Br in Ballingarry	IE_SH_24C030300	141343	136202	Limerick City & County Council
RS24C030300	Br N of Ballingarry	IE_SH_24C030300	141935	137663	Limerick City & County Council
RS24C030600	CLONSHIRE - Milltown Br	IE_SH_24C030600	142203	141793	Limerick City & County Council
RS24C030700	Drehidnaman Bridge LHS	IE_SH_24C030710	142304	143891	Limerick City & County Council

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Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24C030710	CLONSHIRE - Drehidnaman Br (RHS)	IE_SH_24C030710	142343	143938	Limerick City & County Council
RS24C030900	Tuogh Br	IE_SH_24C030900	143211	146272	Limerick City & County Council

**CLOONLAHARD STREAM****24C06**

Date Surveyed (last survey year only): 21/06/23

**Biological Quality Rating (Q Values)**

Station Code	1994	1996	1999	2006	2008	2011	2014	2017	2020	2023
RS24C060040	4	4	4	3	4	4	3-4	3	3	
RS24C060300										4

**Most Recent Assessment:**

Station 0300 on the Cloonlahard stream was sampled for the first time in 2023 and was deemed to be satisfactory with good ecological condition.

**Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24C060040	CLOONLAHARD STREAM - Br u/s Cloonlahard Br (R8)	IE_SH_24O020200	118094	143480	Limerick City & County Council
RS24C060300	Cloonlahard Bridge	IE_SH_24O020200	118406	144339	Limerick City & County Council

**DEEL (NEWCASTLEWEST)****24D02**

Date Surveyed (last survey year only): 08/07/24, 17/07/24

**Biological Quality Rating (Q Values)**

Station Code	1971	1975	1978	1980	1982	1984	1986	1989	1993	1996	1999	2002	2005	2007	2008	2011	2014	2017	2018	2019	2020	2023	2024
RS24D020100	1	1	1	3	3	3	2-3	3	3	3	3-4	3-4*	4		4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	
RS24D020200	4	4	3	3-4	3	3	3	3	3	3-4	3-4	4	4		4	4	3-4	3-4	3-4	3-4	3-4	3-4	
RS24D020250								3	3														
RS24D020300	3	3-4	3-4	3-4	3	3-4	3-4	3	3	3-4	3	3	3		3	3-4	3-4	3-4	3-4	3-4	3-4		3
RS24D020400	4	3-4	3-4	3-4	3	3-4	3-4	3	3	3-4	3-4	4	4		3-4	4	4*	3-4	3	3-4	3-4		3-4
RS24D020450								3	3-4														
RS24D020500	4	4	3-4	3-4	3-4	3	3-4	3-4	4	4	3-4	4	3-4		4	4	4	4					
RS24D020600	3	3	3	3	3	3	2-3	3	3	2-3	2	2-3	2	3-4	3-4	4	4	4			3-4	3-4	
RS24D020700	3	3	3	3	3	3	3	3	3	2-3	2-3	3	2-3		3		3-4	3-4			3-4	3-4	
RS24D020800		2-3	3	3	3	2	3	3	3	3	3	3	3-4		4	4	3-4	3-4			3-4		3-4
RS24D020900	4		3	3-4	3	2-3	3-4	3	3														
RS24D021000	4-5	4	3-4	4	3-4	3-4	4	3	3-4	3	3	3	3		3*	3	3-4	3-4			4	3-4	
RS24D021090																					3-4		3-4
RS24D021100	4		4	3-4	3	3-4	4	4	3-4	3-4	3-4	3-4	3		3-4	3-4	3	3		3	3-4	3-4	
RS24D021200	4-5	4	3	4	3-4	3-4	3-4	3-4	3-4												3-4		3-4
RS24D021300	4	4	3-4	4	3-4	3-4	3-4	3	3-4	3-4	3-4	3	3		3-4	4	3	3			3-4	3-4	

**Most Recent Assessment:**

In 2024, five sites on the Deel were assessed, Station 24D020300 was found to have declined to Poor ecological condition, while the other four sites assessed downstream remain in Moderate ecological condition.

**Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24D020100	Br in Milford (D12)	IE_SH_24D020100	141619	121299	Cork County Council
RS24D020200	Br 3.2 km d/s Milford Br	IE_SH_24D020200	140194	123646	Limerick City & County Council
RS24D020250	DEEL (NEWCASTLEWEST) - Accrour Br	IE_SH_24D020300	138359	125110	Limerick City & County Council
RS24D020300	Broken Br (D19)	IE_SH_24D020300	136010	126961	Limerick City & County Council
RS24D020400	Bridge near Balliniska	IE_SH_24D020400	132518	128605	Limerick City & County Council
RS24D020450	DEEL (NEWCASTLEWEST) - Br 0.2 km d/s Bunoke R confl	IE_SH_24D020600	131789	128848	Limerick City & County Council
RS24D020500	0.8 km u/s Castlemahon Br	IE_SH_24D020600	131866	130938	Limerick City & County Council
RS24D020600	d/s Castlemahon Br (D32)	IE_SH_24D020600	131300	131392	Limerick City & County Council
RS24D020700	Br nr Killaready (D36)	IE_SH_24D020700	129938	132738	Limerick City & County Council
RS24D020800	Grange Br (D46)	IE_SH_24D020800	130787	135042	Limerick City & County Council
RS24D020900	DEEL (NEWCASTLEWEST) - Br d/s Grange Br (D49)	IE_SH_24D021000	131268	136157	Limerick City & County Council
RS24D021000	Palatine Br	IE_SH_24D021000	135146	139502	Limerick City & County Council
RS24D021090	~220m u/s Rathkeale Br.	IE_SH_24D021100	136178	141251	Limerick City & County Council
RS24D021100	Rathkeale Br (D50)	IE_SH_24D021100	136062	141413	Limerick City & County Council
RS24D021200	DEEL (NEWCASTLEWEST) - Ford d/s Rathkeale Br	IE_SH_24D021300	135548	141296	Limerick City & County Council

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Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24D021300	Kilcool Bridge	IE_SH_24D021300	133751	143701	Limerick City & County Council

**DOONCAHA STREAM****24D07**

Date Surveyed (last survey year only): 19/06/23

**Biological Quality Rating (Q Values)**

Station Code	1989	1994	1996	1999	2002	2006	2008	2011	2014	2017	2020	2023
RS24D071000	2	2-3	2-3	2-3	3	3	3	3	3	3	3	3-4
RS24D071200	3											

**Most Recent Assessment:**

Unsatisfactory ecological conditions continue at station 1000 on the Dooncaha stream. However, an improvement from poor to moderate ecological status was recorded in 2023.

**Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24D071000	Br W of Tiermore Ho	IE_SH_24D071200	125998	145500	Limerick City & County Council
RS24D071200	DOONCAHA STREAM - Bartholemew's Br (R6)	IE_SH_24D071200	126873	147761	Limerick City & County Council

**DRUMCOMOGE****24D04**

Date Surveyed (last survey year only): 02/08/88, 03/08/88

**Biological Quality Rating (Q Values)**

Station Code	1981	1984	1986	1987	1988
RS24D040100	3	3	2	2	2-3
RS24D040200	3	2	2	2	2-3
RS24D040250					3
RS24D040300	3	3	3-4		3-4
RS24D040400	3	3	3-4		3-4

**Most Recent Assessment:****Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24D040100	DRUMCOMOGE - 1 km N.E. of Knocklong	IE_SH_24D040400	171999	132113	Limerick City & County Council
RS24D040200	DRUMCOMOGE - Ballincaroona Bridge	IE_SH_24D040400	171673	132316	Limerick City & County Council
RS24D040250	DRUMCOMOGE - Bridge N. of Ballycahill	IE_SH_24D040400	170206	133941	Limerick City & County Council
RS24D040300	DRUMCOMOGE - Bridge N.W. of Rathanny Ho	IE_SH_24D040400	168597	135128	Limerick City & County Council
RS24D040400	DRUMCOMOGE - Gortacloona Bridge	IE_SH_24D040400	168154	137077	Limerick City & County Council

**Emly 24****24E02**

Date Surveyed (last survey year only): 31/12/89

**Biological Quality Rating (Q Values)**

Station Code	1986	1987	1988	1989
RS24E020050	1	2	2	2
RS24E020070			2-3	

**Most Recent Assessment:****Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24E020050	Bridge d/s Aughaclareen Br	IE_SH_24D040400	178540	132255	Tipperary County Council
RS24E020070	Bridge N.W. of Ballynagrana	IE_SH_24D040400	177540	133646	Tipperary County Council

**FLEMINGSTOWN STREAM****24F03**

Date Surveyed (last survey year only): 17/08/23

**Biological Quality Rating (Q Values)**

Station Code	1994	1996	1999	2002	2006	2008	2012	2014	2017	2020	2023
RS24F030500	4	4	4	4	4	4	4	4	4	3-4	3-4

**Most Recent Assessment:**

Continuing unsatisfactory with moderate ecological conditions on the Flemingstown Stream in 2023.

**Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24F030500	Gotoon Br	IE_SH_24F030500	164344	124759	Limerick City & County Council

**GLENCORBRY****24G03**

Date Surveyed (last survey year only): 20/06/23

**Biological Quality Rating (Q Values)**

Station Code	1988	1994	1996	1999	2002	2005	2008	2011	2014	2017	2020	2023
RS24G030200		3-4	4	3-4	4	3-4		4				
RS24G030300	4											
RS24G030400	4	3	3	3-4	3-4	3-4	3-4	4	4	3-4	3-4	3-4

**Most Recent Assessment:**

Continuing unsatisfactory with moderate ecological conditions recorded on the river Glencorbry in 2023.

**Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24G030200	GLENCORBRY - Br d/s Br NE of Tullyleague	IE_SH_24G030400	113297	144466	Limerick City & County Council
RS24G030300	GLENCORBRY - Br 2km SE of Glin	IE_SH_24G030400	114233	146605	Limerick City & County Council
RS24G030400	Upstream Br, Glin	IE_SH_24G030400	113057	147443	Limerick City & County Council

**GREANAGH****24G05**

Date Surveyed (last survey year only): 16/08/23

**Biological Quality Rating (Q Values)**

Station Code	1988	1993	1996	1999	2002	2006	2008	2012	2014	2017	2020	2023
RS24G050300	3-4											
RS24G050500	3-4											
RS24G050600	3-4	3-4	3	3	3	3-4	3	3	3	3	3	3

**Most Recent Assessment:**

Unsatisfactory with poor ecological conditions continuing on the Greanagh in 2023.

**Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24G050300	GREANAGH - Br SW of Finniterstown	IE_SH_24G050600	144126	144325	Limerick City & County Council
RS24G050500	GREANAGH - Br WSW of Cummeen	IE_SH_24G050600	144018	145247	Limerick City & County Council
RS24G050600	Coolah Br	IE_SH_24G050600	144311	146325	Limerick City & County Council

**LISMAKEERY STREAM****24L03**

Date Surveyed (last survey year only): 21/09/23

**Biological Quality Rating (Q Values)**

Station Code	1993	1996	1999	2002	2006	2008	2011	2014	2017	2020	2023
RS24L030600	3-4	3	3	3	3	3	3	3	3	3	3

**Most Recent Assessment:**

Poor ecological conditions persist on the Lismakeery Stream in 2023, water levels very low and reduced biodiversity.

**Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24L030600	Br ESE of Tomdeely	IE_SH_24L030600	132323	150746	Limerick City & County Council

**LOOBAGH****24L01**

Date Surveyed (last survey year only): 17/08/23, 22/08/23

**Biological Quality Rating (Q Values)**

Station Code	1971	1976	1978	1980	1982	1986	1988	1994	1996	1999	2002	2006	2008	2012	2014	2017	2020	2023
RS24L010200			4	4		4	4	4	4	4	4	4	4	4	4	4	4	4
RS24L010300	5	4-5	3-4	4	4	4	4	4-5	4-5	4	4	4						
RS24L010400	4	4-5	3-4	3-4	3-4	3-4	3-4	3	2-3	3	2	3-4	3-4	3	4	3-4	3-4	3-4
RS24L010500	4-5	4-5	3-4	3-4	3-4	3-4	3-4	4	3	3-4	3	4						
RS24L010510	4-5	4-5	3-4	3-4	3-4	3-4	3-4	3	3	3-4	3							
RS24L010600	4-5	4	3-4	3-4	3-4	3-4	4	4	3-4	4	4	4	4	4	4	4	4	4

**Most Recent Assessment:**

Good ecological conditions were maintained at the upper (0200) and lower (0600) stations on the Loobagh in 2023. Moderate ecological conditions continue downstream of Killmallock (0400).

**Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24L010200	Ballinanima Br (M45)	IE_SH_24L010200	166554	124729	Limerick City & County Council
RS24L010300	LOOBAGH - Riversfield Br (M49)	IE_SH_24L010400	163159	126361	Limerick City & County Council
RS24L010400	North Br, d/s Killmallock (M48)	IE_SH_24L010400	160650	128428	Limerick City & County Council
RS24L010500	LOOBAGH - Br N of Kilbreedy (LHS)	IE_SH_24L010600	157817	127780	Limerick City & County Council

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Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24L010510	LOOBAGH - Br N of Kilbreedy (RHS)	IE_SH_24L010600	157817	127780	Limerick City & County Council
RS24L010600	Garroose Br	IE_SH_24L010600	155024	127457	Limerick City & County Council

**MAHORE****24M04**

Date Surveyed (last survey year only): 24/08/23

**Biological Quality Rating (Q Values)**

Station Code	1988	1993	1996	1999	2003	2006	2008	2012	2014	2017	2020	2023
RS24M040300	3	3										
RS24M040500	3-4	3	3	3	3-4	3-4	3-4	3	4	3-4	3	3
RS24M040700	3-4	3	3	3	3							
RS24M040800	3-4	3										
RS24M040900	3-4	3-4	3	3-4	3-4	3-4	3-4	3	4	3-4	3-4	3-4

**Most Recent Assessment:**

Continuing unsatisfactory on the Mahore in 2023 with poor ecological conditions at station 0500 and moderate ecological conditions at station 0900.

**Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24M040300	MAHORE - Rodus Br	IE_SH_24M040500	176896	136745	Tipperary County Council
RS24M040500	Ballynaveen Br	IE_SH_24M040500	172899	135224	Tipperary County Council
RS24M040700	MAHORE - Hospital Br	IE_SH_24M040900	170672	136258	Limerick City & County Council
RS24M040800	MAHORE - Ford d/s Hospital Br	IE_SH_24M040900	169675	136803	Limerick City & County Council
RS24M040900	Br at Riverville	IE_SH_24M040900	168946	137964	Limerick City & County Council

**MAIGUE**

**24M01**

Date Surveyed (last survey year only): 14/08/23, 15/08/23

**Biological Quality Rating (Q Values)**

Station Code	1971	1974	1976	1978	1981	1984	1988	1994	1996	1999	2002	2006	2008	2011	2014	2017	2020	2023
RS24M010010							3											
RS24M010020								3	3	2-3	3	Dry	3	3	3	3-4	3	3-4
RS24M010040							3											
RS24M010050							3	3	3	3	3	3	3	3-4	4	3-4*	3-4	3-4
RS24M010100	4-5	4				4	3-4											
RS24M010200	3	3	4	3-4		3-4	3-4	3	3	3-4	3-4							
RS24M010230															3			
RS24M010300	2-3	3	3	3		3-4	3-4	3	3	3	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4
RS24M010400	4	4	4	4		3-4	3-4	3-4	3	3	3-4	3-4	4	4	3-4	3-4	3-4	3-4
RS24M010500	4-5	4		4	3-4	3-4	3-4	3-4	3	3-4	3-4	3-4	4	4	4	3-4	4	3-4
RS24M010600		4		4	3-4	3-4	3-4											
RS24M010700	4	4		4	4	4	4	3-4	3	3	3-4	3-4	4	4	4	3-4	3-4	3-4
RS24M010800				4	4	3-4	3-4											
RS24M010900	4-5	4		4	3-4	3-4	3-4	3-4	3	3	3-4	4	4	4	3-4	3-4	3-4	3-4

Most Recent Assessment:

Unsatisfactory ecological conditions persist at all of the seven stations surveyed on the river Maigue in 2023. The uppermost station (0020) on the Maigue improved from poor to moderate ecological conditions. However, station 0500, which showed an improvement in 2020, declined from good to moderate. It is noted that white clawed crayfish were absent from all stations on the main stem of the Maigue in 2023.

### Station Details

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24M010010	MAIGUE - Br E of Kilcolman	IE_SH_24M010020	143714	125231	Cork County Council
RS24M010020	Br. u/s Ballybane br	IE_SH_24M010020	145104	126340	Limerick City & County Council
RS24M010040	MAIGUE - Br SE of Drew's Court	IE_SH_24M010050	148015	125885	Limerick City & County Council
RS24M010050	Fort Br	IE_SH_24M010050	150619	125666	Limerick City & County Council
RS24M010100	MAIGUE - Fort Br East	IE_SH_24C020800	151365	126688	Limerick City & County Council
RS24M010200	MAIGUE - Creggane Br (M43)	IE_SH_24C020800	153407	127283	Limerick City & County Council
RS24M010230	~200m d/s Charleville confluence	IE_SH_24C020800	154272	127625	Limerick City & County Council
RS24M010300	Bruree Br	IE_SH_24M010300	154959	130436	Limerick City & County Council
RS24M010400	Howardstown Br (M41)	IE_SH_24M010400	154073	132879	Limerick City & County Council
RS24M010500	Br nr Rosstemple Station	IE_SH_24M010500	153495	136637	Limerick City & County Council
RS24M010600	Cherrygrove Br (M17)	IE_SH_24M010600	152780	138512	Limerick City & County Council
RS24M010700	Br in Croom	IE_SH_24M010700	151271	141032	Limerick City & County Council
RS24M010800	MAIGUE - Br (Ford) nr Caherass Ho	IE_SH_24M010900	150150	142676	Monaghan County Council
RS24M010900	at Castleroberts_Br	IE_SH_24M010900	147984	143791	Limerick City & County Council

**MORNINGSTAR****24M02**

Date Surveyed (last survey year only): 21/08/23, 22/08/23

**Biological Quality Rating (Q Values)**

Station Code	1976	1981	1986	1988	1993	1996	1999	2002	2006	2008	2012	2014	2017	2020	2023
RS24M020050				3-4	4	4									
RS24M020100		4-5	3-4	3-4											
RS24M020200		4	3-4	3-4	4	4	4	4	4	4	4	4	4	4	4
RS24M020250				3-4											
RS24M020300		4	3	3-4	3-4	3	3-4	4	4	4	4	4	4	4	3-4
RS24M020350		3-4	3	3	3-4										
RS24M020400		4	3	3-4	3-4	3-4	3-4	3-4	4	4	4	4	4	4	4
RS24M020500		4	4	3-4	3-4	4	4	3-4		4	4	4	4	4	4
RS24M020550				3-4											
RS24M020600		4	3-4	3-4	4	4	4	3-4	4	3-4	4	3-4	3	3-4	3-4
RS24M020630				3-4											
RS24M020650						3-4	4	3-4							
RS24M020700	4	3-4	4	3-4	3-4										
RS24M020800		3-4	4	3-4	3-4	4	3-4	3-4	4	4	4	4	3-4	4	4

**Most Recent Assessment:**

Good ecological conditions were observed at four of the six stations surveyed on the Morningstar river in 2023. Both station 0300 and 0600 declined from good to moderate ecological condition. Siltation and signs of enrichment were observed at every station on this river. No White-clawed crayfish were recorded at any station on the Morningstar in 2023.

### Station Details

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24M020050	MORNINGSTAR - Br NE of Ballyfroota	IE_SH_24M020200	175589	124293	Limerick City & County Council
RS24M020100	MORNINGSTAR - Br SE of Pinker's Cross	IE_SH_24M020200	174991	127820	Limerick City & County Council
RS24M020200	Br W of Pinker's Cross	IE_SH_24M020200	174271	128159	Limerick City & County Council
RS24M020250	MORNINGSTAR - Br u/s Ballynahinch Br	IE_SH_24M020300	171789	128364	Limerick City & County Council
RS24M020300	Ballynahinch Br	IE_SH_24M020300	170138	128648	Limerick City & County Council
RS24M020350	MORNINGSTAR - Elton Br (M53)	IE_SH_24M020400	168697	130493	Limerick City & County Council
RS24M020400	Gormanstown Br	IE_SH_24M020400	166493	132423	Limerick City & County Council
RS24M020500	Ballyvolane Br	IE_SH_24M020500	165212	135320	Limerick City & County Council
RS24M020550	MORNINGSTAR - Nr Vicarage u/s Bruff (M55)	IE_SH_24M020600	162784	135943	Limerick City & County Council
RS24M020600	Br 1.5 km d/s Bruff	IE_SH_24M020600	161481	136656	Limerick City & County Council
RS24M020630	MORNINGSTAR - Br d/s Camas Br	IE_SH_24M020800	160552	136806	Limerick City & County Council
RS24M020650	MORNINGSTAR - SW of Carrigeen (M39)	IE_SH_24M020800	159092	136461	Limerick City & County Council
RS24M020700	MORNINGSTAR - Athlacca Br	IE_SH_24M020800	155800	134295	Limerick City & County Council
RS24M020800	Br 2 km d/s Athlacca	IE_SH_24M020800	154356	133541	Limerick City & County Council

**OWVANE (LIMERICK)****24002**

Date Surveyed (last survey year only): 21/06/23

**Biological Quality Rating (Q Values)**

Station Code	1971	1975	1979	1986	1988	1994	1996	1999	2002	2006	2008	2011	2014	2017	2020	2023
RS24O020050						4										
RS24O020070								4-5	4	4	4	4-5	4	4	4	
RS24O020075						3-4	3-4	4	4	4	4	4	4	4	3-4	4
RS24O020090					4	4	4	4	4		4	4	4	4	4	4
RS24O020100	5	4-5	4-5	4-5	3-4											
RS24O020120						4	3-4	4	3-4							
RS24O020200		4-5	4-5	4	3-4	4	3-4	4	4	4	4	4	4*	4	4	4

**Most Recent Assessment:**

Satisfactory conditions were recorded on the Owvane (Limerick) in 2023. Stations 0090 and 0200 continue with good ecological condition while station 0075 improved from moderate to good ecological condition.

**Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24O020050	OWVANE (LIMERICK) - 0.1km u/s confl with Main Channel	IE_SH_24O020070	122436	140949	Limerick City & County Council
RS24O020070	East Br S of Gortadroma1	IE_SH_24O020070	122250	143138	Limerick City & County Council

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Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24O020075	West Br S of Gortadroma	IE_SH_24O020090	121752	143152	Limerick City & County Council
RS24O020090	Br u/s Ballyhahill Br	IE_SH_24O020090	120202	145827	Limerick City & County Council
RS24O020100	OWVANE (LIMERICK) - Ballyhahill Br	IE_SH_24O020200	119493	146134	Limerick City & County Council
RS24O020120	OWVANE (LIMERICK) - 0.5km d/s Ballyhahill Br	IE_SH_24O020200	119236	146486	Limerick City & County Council
RS24O020200	Br u/s (SE of) Loughill	IE_SH_24O020200	119343	149596	Limerick City & County Council

**SHANAGOLDEN STREAM****24S02**

Date Surveyed (last survey year only): 19/06/23, 21/06/23

**Biological Quality Rating (Q Values)**

Station Code	1989	1994	1996	1999	2002	2006	2008	2011	2014	2017	2020	2021	2023
RS24S021700		4	3-4	3	3	4	4	4	4	3-4	3	3-4	3-4
RS24S021800	3-4												
RS24S021900	2-3												
RS24S022000	3	3-4	4	4	3-4*	4	4	4	3-4	3	3		3

**Most Recent Assessment:**

The lack of pollution sensitive macroinvertebrate species continues to indicate unsatisfactory conditions at both stations surveyed on the Shanagolden Stream in 2023. Station 1700, at the bridge south of Shanagolden, continues with moderate ecological conditions. While station 2200 continues with poor ecological conditions.

**Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24S021700	Br S of Shanagolden	IE_SH_24S022000	125107	146379	Limerick City & County Council
RS24S021800	SHANAGOLDEN STREAM - Br SE of Shanagolden (R7)	IE_SH_24S022000	125633	147196	Limerick City & County Council
RS24S021900	SHANAGOLDEN STREAM - 1.3km d/s 1800	IE_SH_24S022000	126220	148072	Limerick City & County Council
RS24S022000	Br NW of Stokesfield	IE_SH_24S022000	126980	149367	Limerick City & County Council

**TARBERT****24T01**

Date Surveyed (last survey year only): 20/06/23

**Biological Quality Rating (Q Values)**

Station Code	1994	1996	1999	2002	2005	2008	2011	2014	2017	2020	2023
RS24T010100	3-4	3	3	3	3	4	4	4	4	3-4	3

**Most Recent Assessment:**

The macroinvertebrate fauna indicated an unwelcome decline from moderate to poor ecological conditions on the Tarbert in 2023.

**Station Details**

Station Code	Station Location	WFD Waterbody Code	Easting	Northing	Local Authority
RS24T010100	West Br in Tarbert	IE_SH_24T010100	106594	147751	Kerry County Council