

3rd Cycle Draft Erne Catchment Report (HA 36)



Catchment Science & Management Unit

Environmental Protection Agency

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Preface

This document provides a summary of the water quality assessment outcomes for the Erne Catchment, which have been compiled and assessed by the EPA, with the assistance of the Local Authority Waters Programme (LAWPRO), local authorities and RPS consultants to inform the draft 3rd Cycle River Basin Management Plan. The information presented includes status and risk categories of all waterbodies, details on protected areas, significant issues, significant pressures, source load apportionment modelling and load reduction assessments for nutrients where applicable, an overview of the 2nd Cycle Areas for Action and a list of proposed 3rd Cycle Areas for Action. These characterisation assessments are largely based on information available to the end of 2018, including the WFD Status Assessment for 2013-2018. Protected Area assessments are based on water quality information up to 2018 for Natura 2000 and Salmonid Waters; 2019 for Drinking Water; and 2020 for Nutrient Sensitive Areas and Bathing Waters.

The purpose of this draft report is to provide an overview of the situation in the catchment, draw comparison between Cycle 2 and Cycle 3, and help support the draft River Basin Management Plan 2022-2027 consultation process. Once the consultation process is completed the report will be finalised to reflect any changes and comments made as a result of the consultation process.

Water Framework Directive – key dates and terminology	
Cycle 2 – EPA Characterisation and Assessment	Characterisation and assessment to inform the Cycle 2 RBMP was largely based on 2010-2015 WFD monitoring data.
Cycle 2 Catchment Assessments	Catchment Assessments based on the Cycle 2 characterisation and assessment were published in September 2018.
2 nd Cycle River Basin Management Plan (RBMP) 2018-2021	This plan was for WFD Cycle 2 which runs from 2016-2021. This RBMP was published late, with this plan covering 2018-2021.
2 nd Cycle Areas for Action	These 189 Areas for Action were selected under the RBMP 2018-2021
Cycle 3 -EPA Characterisation and Assessment	Cycle 3 runs from 2022-2027. Assessments to inform the Cycle 3 RBMP is largely based on 2013-2018 WFD monitoring data. This is the latest WFD monitoring assessment period for which all data are available.
Cycle 3 Catchment Assessments	Catchment Assessments based on the Cycle 3 characterisation and assessment were published in August 2021.
3 rd Cycle River Basin Management Plan 2022-2027	This draft RBMP is for WFD Cycle 3 which runs from 2022-2027. Public consultation on this plan by the DHLGH and LAWPRO is taking place in late 2021 and early 2022.
3 rd Cycle Recommended Areas for Action – Protection/ Restoration/Projects	These recommended Areas for Action have been identified in the draft RBMP 2022-2027 and feedback can be given in the public consultation on this plan. They fall into 3 categories – Areas for Protection, Areas for Restoration and Catchment Projects.

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1 Introduction

This report aims to provide an overview of the water quality status, risk, key issues and significant pressures for all waterbodies in the catchment based on the Characterisation Assessment undertaken for the 3rd Cycle River Basin Management Plan. In addition, a comparative overview of the water quality in the Erne catchment between Cycle 2 and Cycle 3 characterisation is provided along with a summary of the progress made in the 2nd Cycle Areas for Action. The recommended list for the 3rd Cycle Areas for Action is also provided.

To provide context, the Erne catchment includes the area drained by the River Erne and all streams entering tidal water between Aughrus Point and Kildoney Point, Co. Donegal. This is a cross border catchment with a surface area of 4,415km², 2,512km² of which is located within The Republic (Figure 1). The largest urban centre is Cavan Town. The other main urban centres are Bundoran, Ballyshannon, Clones, Ballybay, Cootehill and Belturbet. The total population (in The Republic) is approximately 85,992 with a population density of 34 people per km². There are three isolated parts of the catchment located in the Republic, one around Ballyshannon, one near Blacklion and the southern part occupying much of Counties Cavan and Monaghan. The statistics included here refer to the parts of catchment located within The Republic only.

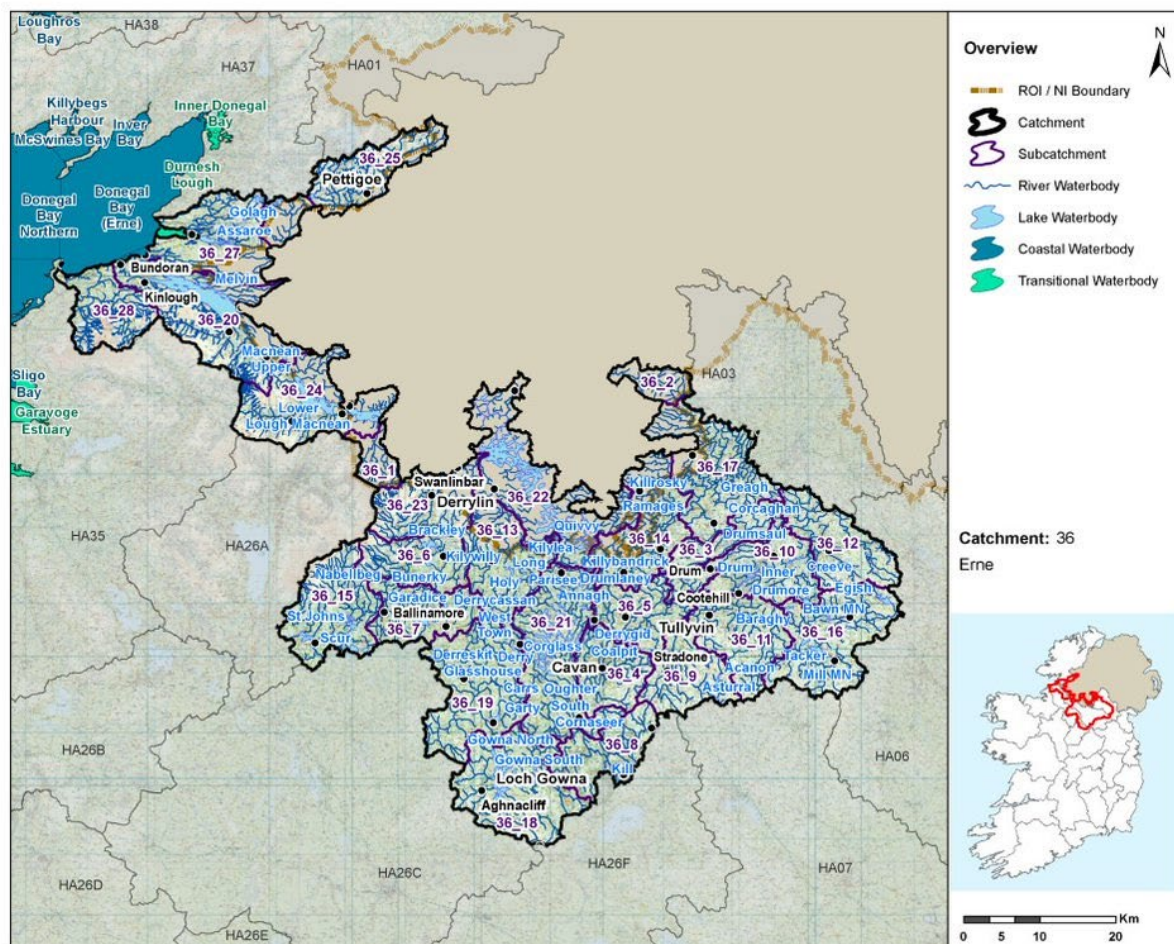


Figure 1: Overview of subcatchments in the Erne catchment

The Erne catchment is divided into 28 subcatchments (Figure 1) with 129 river waterbodies, 130 lakes, three transitional, two coastal waterbodies and 66 groundwater bodies (Figure 2).

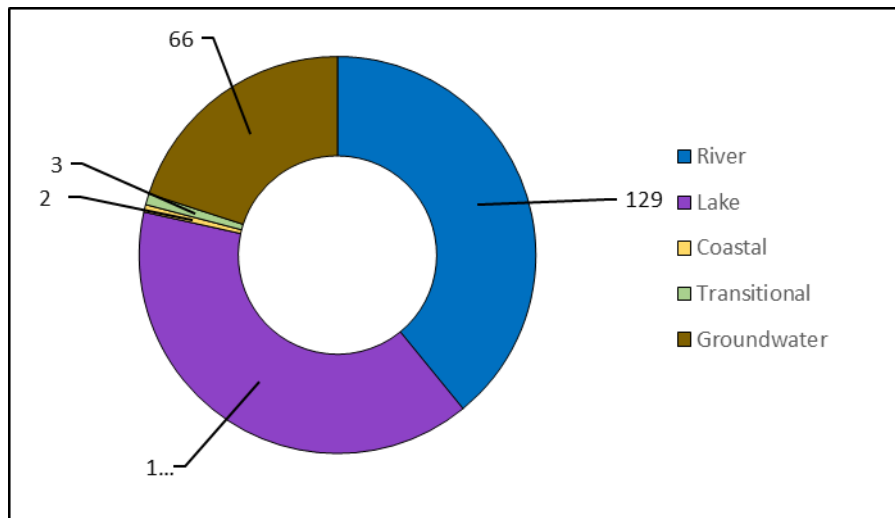


Figure 2: Waterbody types and numbers in the Erne Catchment.

2 Waterbody Overview

2.1 Waterbody Status

- ◆ This assessment to inform the 3rd Cycle RBMP is largely based on WFD monitoring data for the period 2013-2018, which is the latest WFD monitoring assessment period for which all data are available.
- ◆ For this assessment to inform Cycle 3, there are four waterbodies achieving High status, 104 achieving Good Status, 43 achieving Moderate Status, 43 at Poor Status and there are three Bad Status waterbodies. There are 133 waterbodies where status has not been assigned for Cycle 3. All waterbodies must achieve at least Good Ecological status.
- ◆ Seven river waterbodies that must achieve High Ecological Status (HES) in this catchment. These waterbodies are listed in Appendix 1. Of the seven HES Environmental Objective waterbodies, three are achieving High Status, three are at Good Status and one is at Moderate Status.
- ◆ There has been an overall reduction of four waterbodies achieving High Status. There has also been a reduction in the number of Bad Status waterbodies by six, from nine to three. The number of waterbodies achieving Good Status between Cycle 2 and Cycle 3 has remained at 104. There has been an increase in five waterbodies achieving Moderate Status, an increase of three waterbodies now at Poor Status and two waterbodies now unassigned in Cycle 3 (Figure 3 & Table 1).

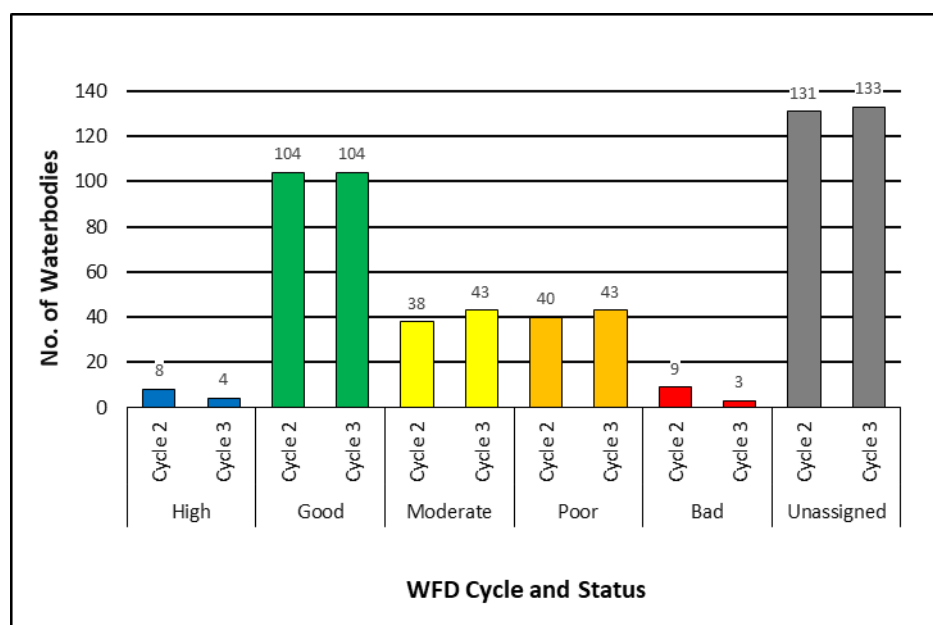


Figure 3: Waterbody Status Breakdown (All waterbodies)

Table 1: Waterbody Status Breakdown Table (All Waterbodies)

2013-2018 Status	River		Lake		Transitional		Coastal		Groundwater		Total	
	Cycle 2	Cycle 3	Cycle 2	Cycle 3	Cycle 2	Cycle 3	Cycle 2	Cycle 3	Cycle 2	Cycle 3	Cycle 2	Cycle 3
High	8	4	0	0	0	0	0	0	0	0	8	4
Good	34	35	5	4	0	1	0	0	65	64	104	104
Moderate	19	23	18	20	1	0	0	0	0	0	38	43
Poor	29	28	10	13	0	0	0	0	1	2	40	43
Bad	0	0	9	3	0	0	0	0	0	0	9	3
Un-assigned	39	39	88	90	2	2	2	2	0	0	131	133
Total	129	129	130	130	3	3	2	2	66	66	330	330

- ◆ Figure 4 illustrates the change in status between Cycle 2 (assessment based largely on 2010-2015 WFD Monitoring data) and Cycle 3 (assessment largely based on 2013-2018 WFD monitoring data).
- ◆ Over this period 21 (11%) waterbodies have improved in status, 156 (79%) waterbodies have remained unchanged and 20 (10%) waterbodies have declined in status.¹
- ◆ There is an overall improvement in the status of one waterbody across the catchment since the Cycle 2 assessment.

¹ Unassigned waterbodies have not been considered in this Status class change assessment and therefore are not represented in Figure 5. Percentage displayed in the Figure 5 are in relation to the total number of waterbodies with status assigned in both cycles, as opposed to total number of all waterbodies.

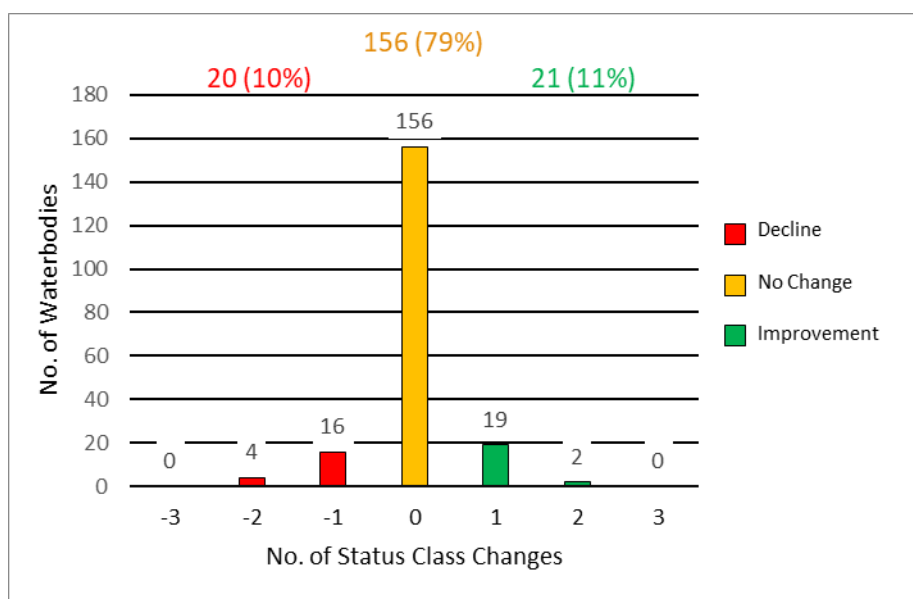


Figure 4: Status Class Changes between Cycle 2 and Cycle 3

2.2 Protected Areas

2.2.1 Drinking Water

- ◆ There are 41 surface waterbodies in the catchment identified as Drinking Water Protected Areas (DWPA) based on water abstraction data on the abstraction register and from other sources in 2018. All groundwater bodies nationally are identified as DWPA. DWPA layers can be viewed at <https://gis.epa.ie/EPAMaps/Water> - see *Protected Areas - Drinking Water*.
- ◆ One river waterbody and one lake waterbody in the catchment did not meet the DWPA objective in 2019:
 - Erne_090 (IE_SE_16M080100) river waterbody is the source for the Belturbet (0200PUB0108) public supply which had MCPA pesticide exceedances;
 - Acanon (IE_NW_36_515) lake waterbody is the source for Cavan (0200PUB0100) public water supply which had MCPA pesticide exceedances.
- ◆ For more detailed information please see the EPA reports on drinking water quality in 2019 for [Public Supplies](#)² and [Private Supplies](#)³.

2.2.2 Bathing Waters

- ◆ There are two marine bathing waters in or directly adjacent to the catchment identified under the Bathing Water Regulations 2008.
- ◆ Bundoran Bathing Water had an Excellent classification in 2020 and Mullaghmore Beach was classified as Sufficient.

²<https://www.epa.ie/publications/compliance--enforcement/drinking-water/annual-drinking-water-reports/drinking-water-quality-in-public-supplies-2019.php>

³<https://www.epa.ie/publications/compliance--enforcement/drinking-water/annual-drinking-water-reports/focus-on-private-water-supplies-2019.php>

- ◆ For more detailed information please see the EPA report on [bathing water quality in 2020⁴](#).

2.2.3 Shellfish Areas

- ◆ There are no designated shellfish areas in the catchment.

The locations of Protected Areas associated with Public Health (Drinking Water, Bathing Water and Shellfish Areas, where applicable) are illustrated in Figure 5 below.

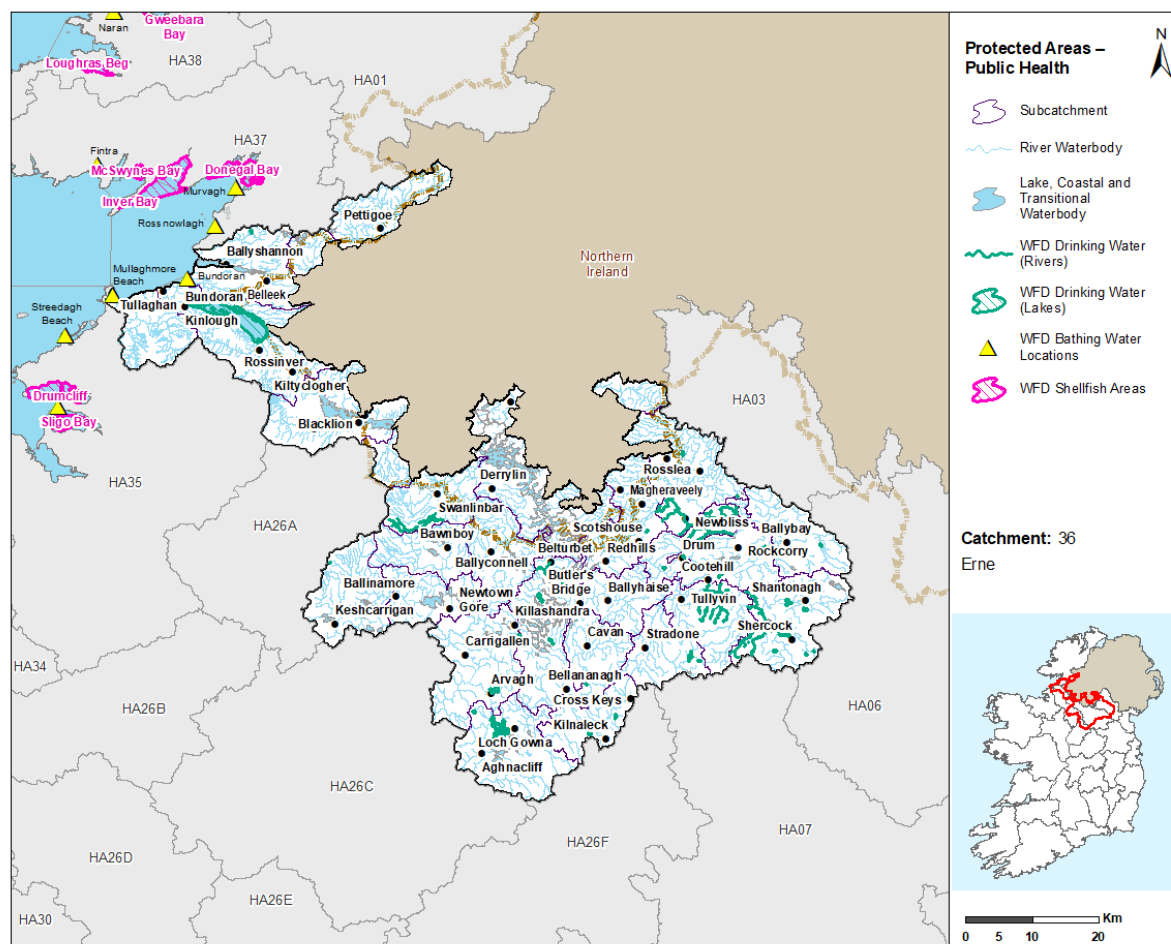


Figure 5: Protected Areas – Public Health

2.2.4 Natura 2000 Sites

- ◆ Many of the habitats and species listed for protection in the Birds and Habitats Directives are water dependent. The Special Protection Areas (SPAs) and Special Areas of Conservation (SACs) with water dependent habitats or species in this catchment are presented in Figure 6, along with waterbodies designated as salmonid waters (S.I. No. 293 of 1988) and waterbodies with Fresh Water Pearl Mussel habitat, where identified.
- ◆ There are 13 SACs in this catchment, 12 of which have water dependent habitats or species. The waterbodies within these SACs were assessed for associated water dependent habitats and species

⁴<https://www.epa.ie/publications/monitoring--assessment/freshwater--marine/bathing-water-quality-in-ireland-2020-.php>

and if they met the supporting requirements for habitats and species using their 2013-2018 WFD status. For the purposes of the assessment, it was assumed that Good ecological status is adequate to meet the supporting conditions of all habitats and species with the exception of the Freshwater Pearl Mussel, which has additional requirements for supporting conditions set out in the Freshwater Pearl Mussel Regulations (S.I. No 296 of 2009) for macroinvertebrates, filamentous algae, phytobenthos, macrophytes and siltation.

- ◆ Specific water supporting conditions have not been identified for the dependent bird species in the SPAs and so waterbodies associated with SPAs are not included in this assessment.

Results of the overall assessment for this catchment are outlined in

- ◆ Table 2 below, information at a waterbody level can be viewed at [Catchments.ie](https://www.catchments.ie).⁵

Table 2: Natura 2000 Network Assessment Summary

Water Body Type	Total No.	Meeting the Requirements	Did not meet the Requirements	Unknown*
Rivers	6	2	0	4
Lakes	1	1	0	0
Transitional & Coastal	1	1	0	0

**As the waterbody status was unassigned.*

- ◆ There are no river waterbodies with FWPM habitats in the catchment.
- ◆ There is one groundwater body (GWDTE-Dunmuckrum Turlough (SAC002303)) delineated and assessed as Groundwater Dependent Terrestrial Ecosystems for this catchment. The groundwater body is at Good Status (2013-2018).
- ◆ Water dependent SACs/ SPAs in the catchment are illustrated in Figure 6.

⁵<https://www.catchments.ie/download/catchments-assessments-protected-areas-supporting-documents/>

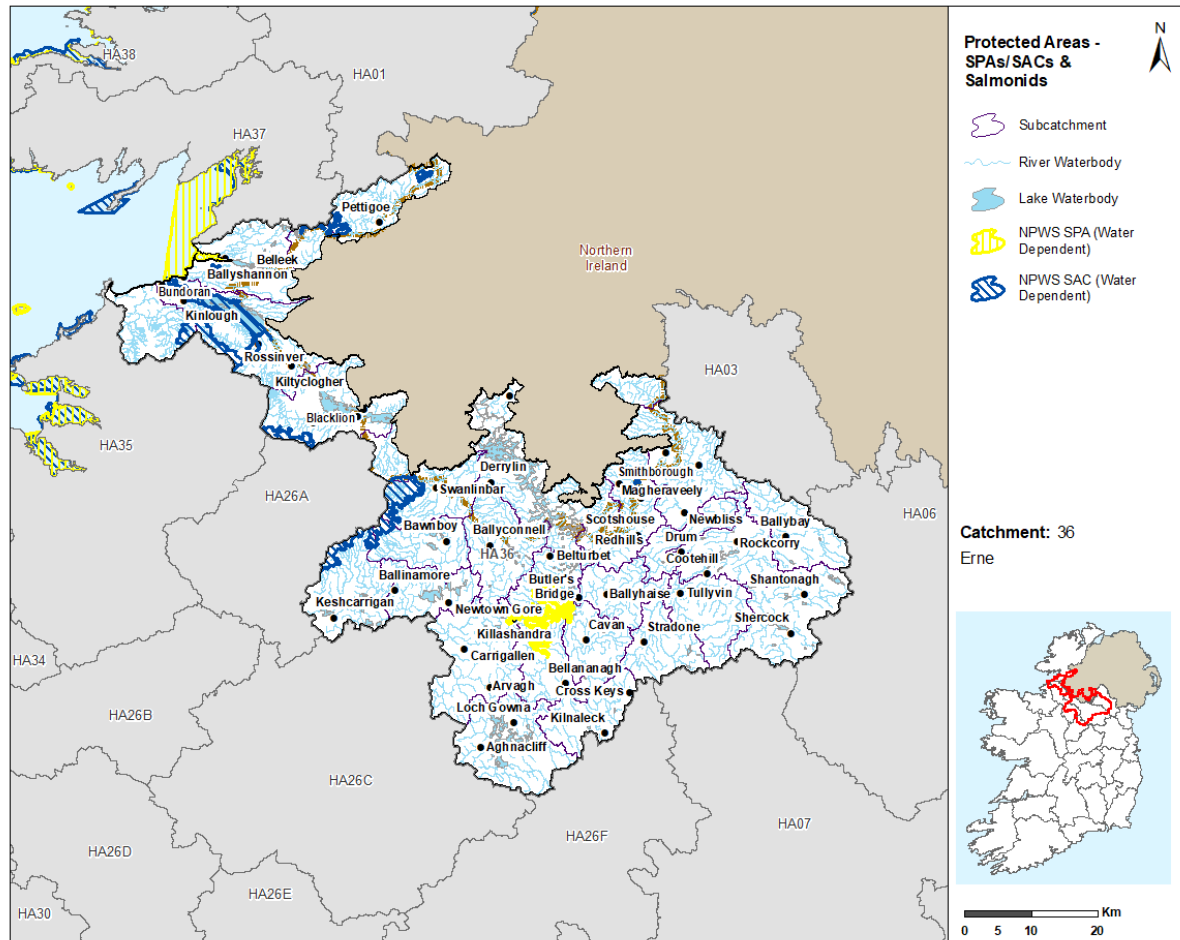


Figure 6: Water Dependent SPAs / SACs

2.2.5 Nutrient Sensitive Areas

- ◆ The EPA carried out a review of Nutrient Sensitive Areas (NSAs) downstream of large urban waste water discharges in 2020. Once the regulations are in place, and nutrient sensitive areas have been identified, additional nutrient removal must be applied (if not already applied) to waste water treatment plants discharging to the sensitive area. If this treatment was in place the objective was deemed to have been met.
- ◆ There are two NSAs in the catchment and these are downstream of Cavan urban wastewater agglomeration. The list of NSAs, associated agglomerations and intersecting water bodies are provided in Table 3.
- ◆ NSA objectives are being met in both NSAs in the catchment.

Table 3: Nutrient sensitive areas in the catchment

Nutrient Sensitive Area	Agglomeration		Water body		Objective met?		Comment
	Name	Code	Name	Code	Yes	No	
Cavan River (010 & 020)	Cavan	D0020-01	Cavan_010	IE_NW_36C020300	✓		Tertiary Treatment in place
			Cavan_020	IE_NW_36C020400			
Lough Oughter	Cavan	D0020-01	Oughter North	IE_NW_36_661	✓		Tertiary Treatment in place
			Oughter South	IE_NW_36_657			

2.3 Heavily Modified Waterbodies

- ◆ Based on the 1st and 2nd RBMPs there are currently two heavily modified water bodies (HMWBs) in the catchment due to power generation – Assaroe Lake and Erne Estuary. Ecological potential was classified as unassigned for Assaroe Lake and Good for Erne Estuary in 2013-2018. There will be a consultation period on HMWBs for the 3rd Cycle RBMP and this will be completed for inclusion in the 3rd Cycle Final RBMP.

2.4 Artificial Waterbodies

- ◆ There are no Artificial Waterbodies (AWBs) present in the Erne Catchment.

3 Waterbody Risk

3.1 Overview of Risk

- ◆ A waterbody that is *At Risk* means that either the waterbody is currently not achieving its Water Framework Directive (WFD) environmental objective of Good or High Ecological Status or that there is an upward trend in nutrients or ammonia and if this trend continues the waterbody Status will decline by the end of Cycle 3 and will fail to meet its environmental objective.
- ◆ A waterbody can be considered as *Review* for the following three reasons:
 - The waterbody does not have status assigned to it yet, it is referred to as an unassigned waterbody, and therefore there is not enough evidence to determine if it is *At Risk* or *Not At Risk*.
 - The waterbody has shown some slight evidence or improvement, but more evidence is needed before it can be considered as *Not At Risk*.
 - Measures are planned or have already been implemented for the waterbody and no further measures should be applied until there is enough time to assess if these measures are working.
- ◆ A waterbody is *Not At Risk* when it is achieving its environmental objective of either High or Good Status and that there is no evidence indicating that there is a trend towards status decline.
- ◆ In total there are 330 waterbodies in the Erne Catchment and 103 (31%) are currently *At Risk*, 123 (37%) in *Review* and 104 (32%) are *Not At Risk*.

3.2 Surface Waters

- ◆ For the 129 rivers waterbodies, 60 (47%) are *At Risk*, 30 (23%) are in *Review* and 39 (30%) are *Not At Risk*.
- ◆ For the 130 lake waterbodies, 40 (31%) are *At Risk*, 84 (65%) are in *Review* and six (5%) are *Not At Risk*. Conn, Cullin, Castlebar & Washpool are the lake waterbodies *At Risk*.
- ◆ All three (100%) transitional waterbodies in the catchment are *Not At Risk*.
- ◆ For the two coastal waterbodies one (50%) is in *Review* and one (50%) is *Not At Risk*. There are no coastal waterbodies *At Risk* in the catchment.
- ◆ The largest proportion of *At Risk* waterbodies are found in river waterbodies, accounting for 60 (58%) of 103 *At Risk* waterbodies. Figure 7 gives an overview of the breakdown of risk across waterbody types for both Cycle 2 and Cycle 3.
- ◆ Overall, there is no change in the number of *At Risk* waterbodies (still 104 *At Risk* waterbodies). There has been a decrease of six *Review* waterbodies and an increase in six *Not At Risk* waterbodies between Cycle 2 and Cycle 3.

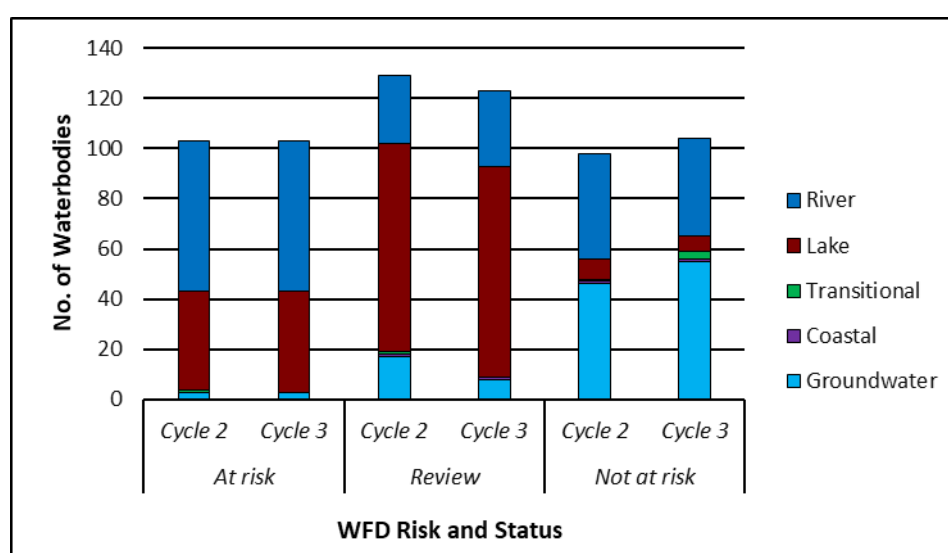


Figure 7: Number of waterbodies in each risk category

- ◆ The location of the *At Risk*, *Review* and *Not At Risk* surface waterbodies for Cycle 3 are shown in Figure 8 while the surface waterbodies that have experienced a change in risk between Cycle 2 and Cycle 3 are shown in Figure 9.

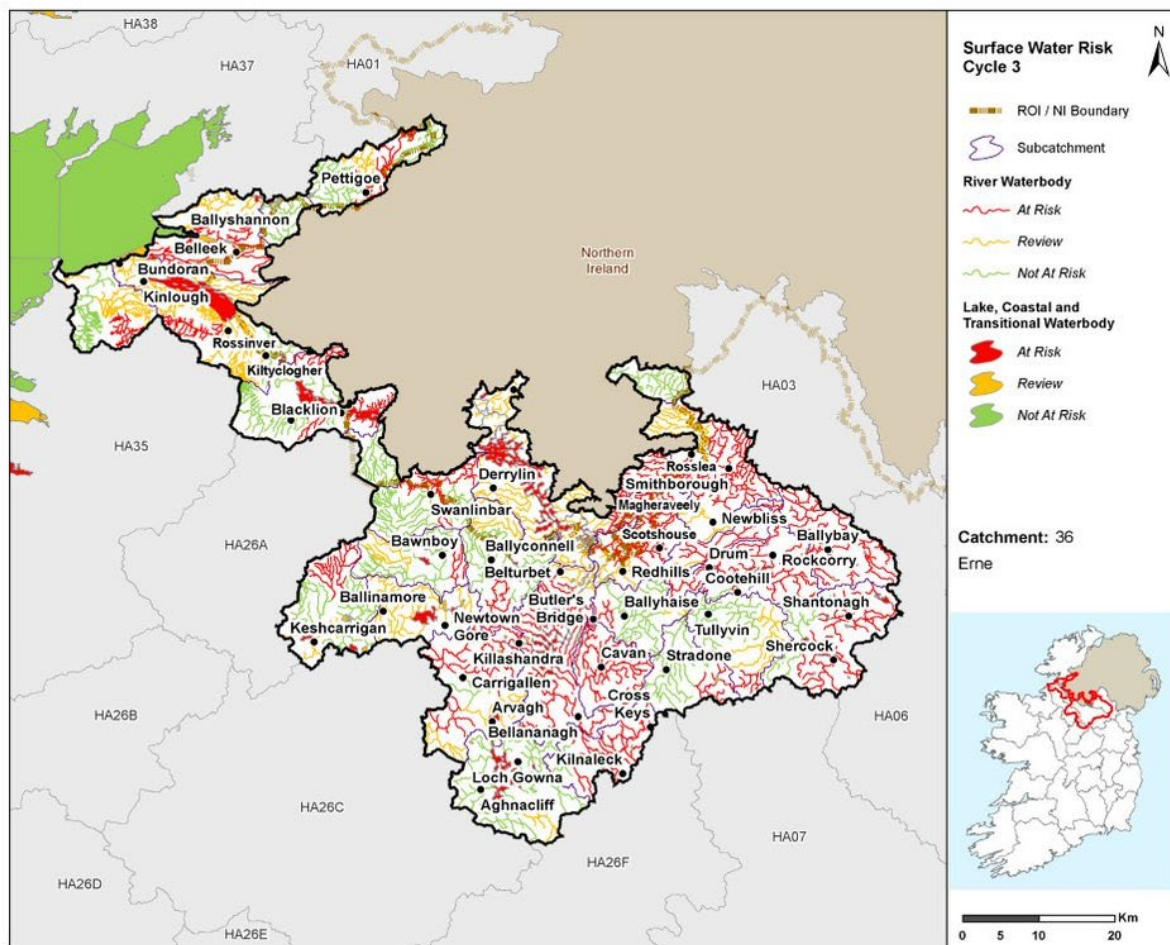


Figure 8: Surface Water Risk Cycle 3

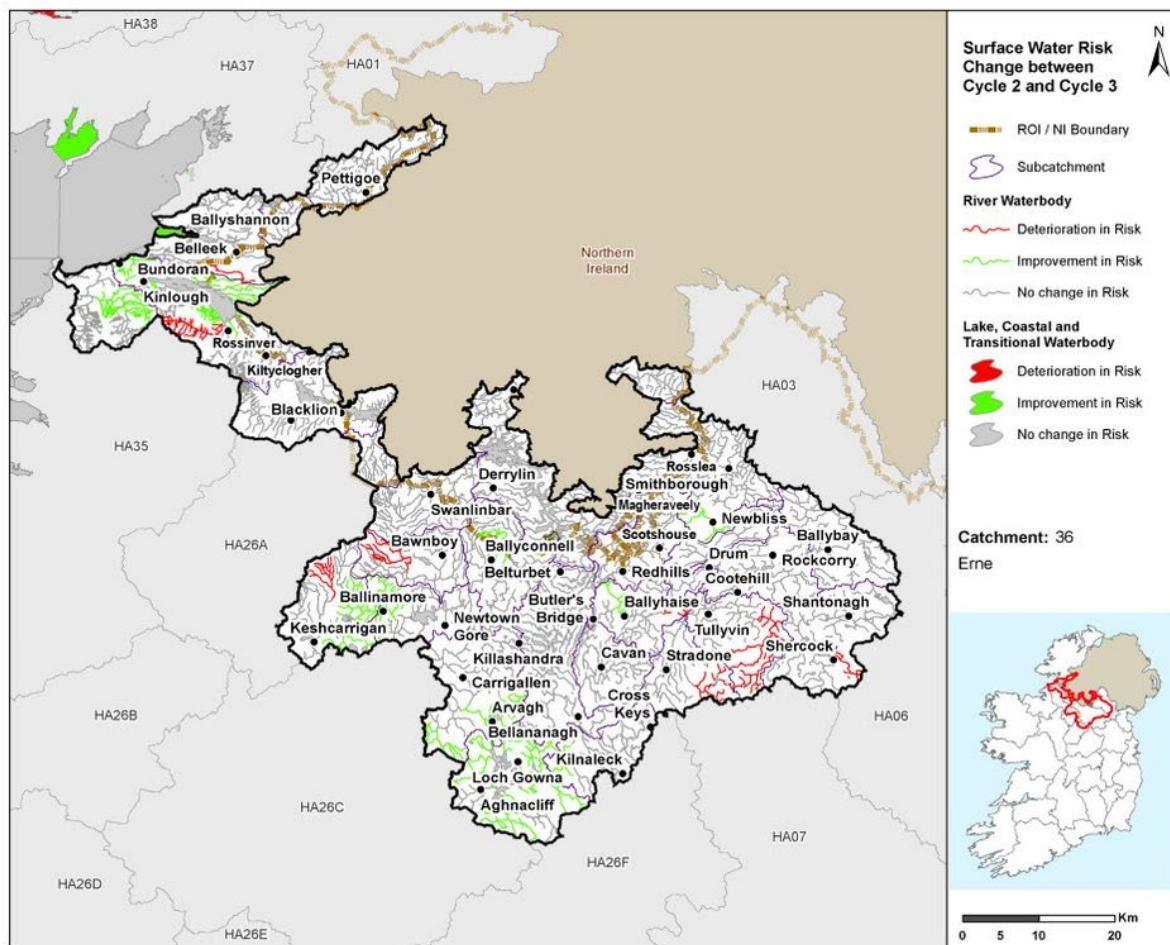


Figure 9: Surface Water Risk Change between Cycle 2 and Cycle 3

3.3 Groundwater

- ◆ For the 66 groundwater bodies, three (5%) are *At Risk*, eight (12%) are in *Review* and 55 (83%) are *Not At Risk*. Belcoo Boho, Waste facility (W0024-03) & Geevagh are the names of the groundwater bodies *At Risk*.
- ◆ In Cycle 2, there were also three groundwater bodies *At Risk* in this catchment, 17 in *Review* and 46 *Not At Risk*. Carrick on Shannon groundwater is no longer *At Risk* in Cycle 3, Belcoo Boho was not *At Risk* in Cycle 2 but is *At Risk* in Cycle 3.

3.4 Heavily Modified Waterbodies

- ◆ Assaroe HMWB is currently in *Review* and Erne Estuary is *Not at Risk* of not meeting the Environmental Objective. There may be changes to HMWB designation once the Cycle 3 HMWB assessment has been completed and consulted on for the 3rd Cycle Final RBMP.

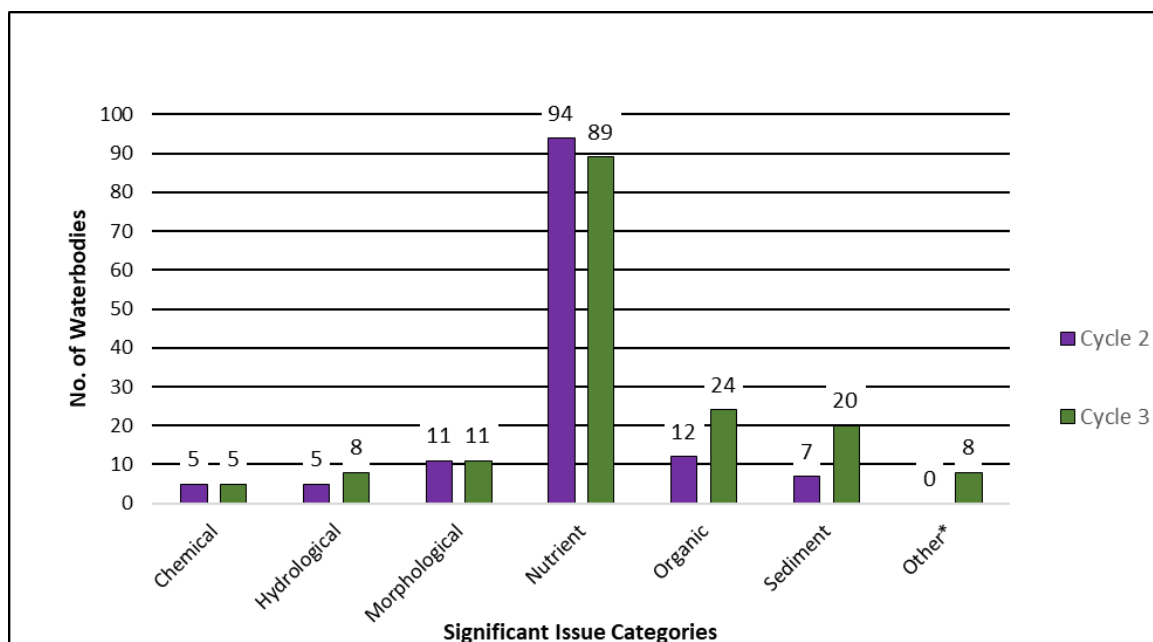
3.5 Artificial Waterbodies

- ◆ There are no Artificial Waterbodies (AWBs) present in the Erne Catchment.

4 Significant Issues in *At Risk* Waterbodies

4.1 All Waterbodies

- ◆ Excess nutrients remain the most prevalent issues in the Erne catchment (Figure 10) impacting 89 waterbodies in Cycle 3. Organic pollution is impacting 24 waterbodies, sediment is impacting 20 waterbodies, and morphological and hydrological issues are impacting 11 and eight waterbodies respectively. Chemical pollution and other⁶ issues are each impacting five waterbodies.
 - For rivers, the main significant issues are nutrient pollution (52), organic pollution (21), sediment (11), morphological impacts (10) and hydrological impacts (7).
 - For Lakes, the main significant issues are nutrient pollution (35), sediment (9), organic pollution (3), chemical pollution (2), other issues (2), hydrological impacts (1) and morphological impacts (1).
 - For the three *At Risk* groundwater bodies the significant issues are nutrient pollution (2) and chemical pollution (1).
- ◆ Between Cycle 2 and Cycle 3 the number of waterbodies with organic pollution issues have increased by 12, from 12 to 24. The number of waterbodies impacted by sediment issues has increased by 13, from seven to 20. The number of issues in the other category has increased by eight, from no waterbodies to eight.
- ◆ The numbers of waterbodies with chemical and morphological issues have remained unchanged since Cycle 2.
- ◆ Although still the most significant issue in Cycle 3, the number of waterbodies impacted by nutrient pollution has decreased by five, from 94 in Cycle 2 to 89 in Cycle 3.



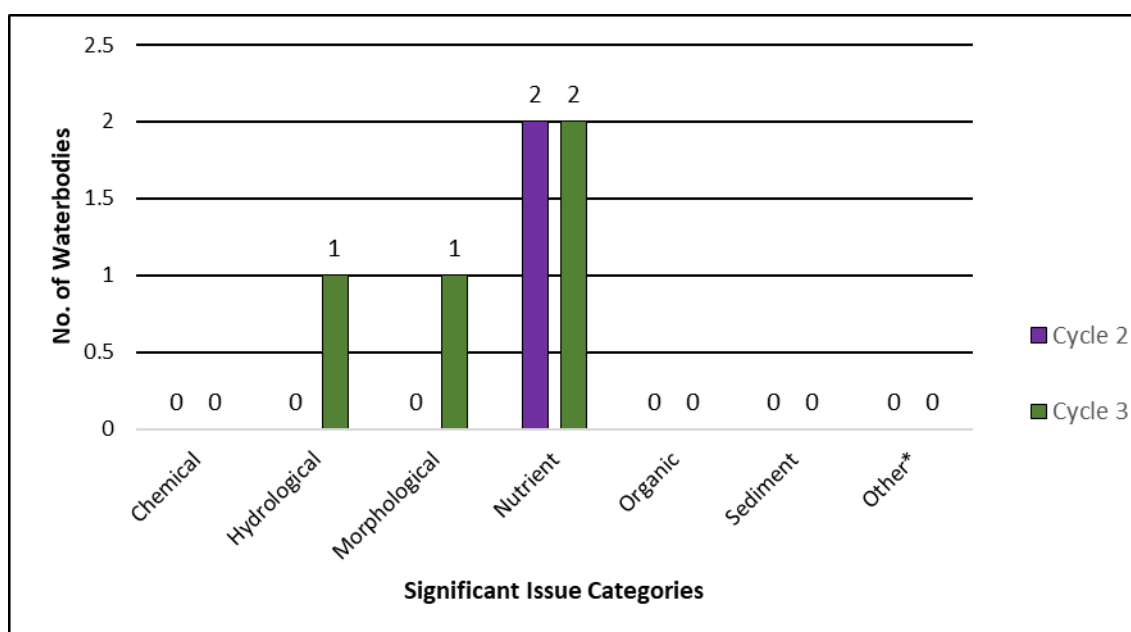
*Other - Acidification, saline intrusion, elevated temperature, litter, microbiological pollution and unknown impacts have all been grouped into the "Other" issues category for the purpose of this report

Figure 10: Significant Issues across all *At Risk* WBs between Cycle 2 and Cycle 3

⁶ Acidification, saline intrusion, elevated temperature, litter, microbiological pollution and unknown impacts have all been grouped into the "Other" issues category for the purpose of this report.

4.2 High Status Objective Waterbodies

- ◆ In Cycle 3 for High Status Objective waterbodies nutrient issues are impacting two (Duff_010 and Glenaniff_010) of the three High Status Objective river waterbodies currently *At Risk* (Figure 11). Morphological and hydrological issues are impacting the remaining (Aghacashlaun_010) waterbody.
- ◆ The number of waterbodies impacted by morphological and hydrological issues have increased from none to one, this is due to Aghacashlaun_010 being considered *At Risk* in Cycle 3 with both impacts contributing to the deterioration in risk.



*Other - Acidification, saline intrusion, elevated temperature, litter, microbiological pollution and unknown impacts have all been grouped into the "Other" issues category for the purpose of this report

Figure 11: Significant Issues in *At Risk* High Status Objective Waterbodies

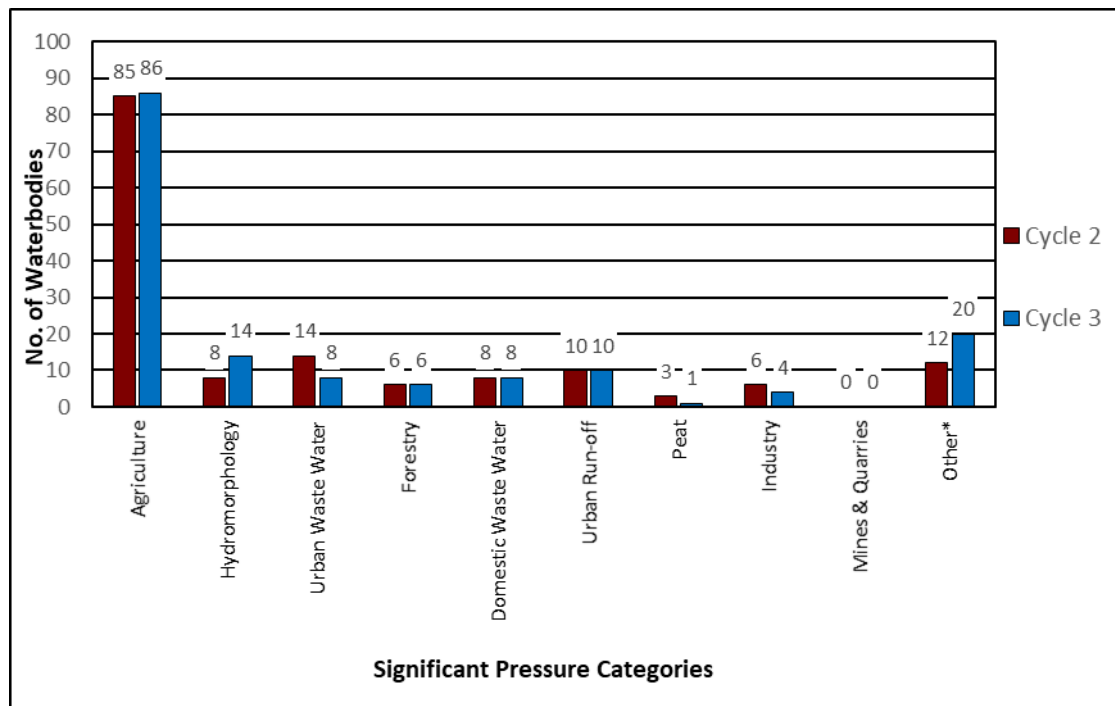
5 Significant pressures in *At Risk* Waterbodies

5.1 All Waterbodies

- ◆ Where waterbodies have been classed as *At Risk*, significant pressures have been identified.
- ◆ Figure 12 shows a breakdown of the number of *At Risk* waterbodies in each significant pressure category.
- ◆ The significant pressure affecting the greatest number of waterbodies is agriculture, followed by, hydromorphology, urban run-off, urban waste water, domestic waste water, invasive species (other⁷), forestry, industry and peat.
- ◆ There are seven waterbodies where the impact is unknown and require further investigation.

⁷ Abstractions, aquaculture, atmospheric, anthropogenic pressures, historically polluted sites, waste, water treatment and invasive species have all been grouped into the "Other" pressure category for the purpose of this report

- ◆ When comparing Cycle 2 and Cycle 3 the biggest change is an increase of six waterbodies where hydromorphology is a significant pressure from eight waterbodies in Cycle 2 to 14 waterbodies in Cycle 3.
- ◆ The increase in hydromorphology significant pressures is likely to be associated with more detailed assessment by the EPA based on the recently developed Morphological Quality Index tool and associated increasing awareness of hydromorphology rather than new significant hydromorphology pressures since Cycle 2.



*Other – abstractions, aquaculture, atmospheric, anthropogenic pressures, historically polluted sites, waste, water treatment and invasive species have all been grouped into the “Other” pressure category for the purpose of this report

Figure 12: Significant Pressure (All At Risk Waterbodies)

5.1.1 Pressure Type

5.1.1.1 Agriculture

- ◆ Agriculture is a significant pressure in 51 rivers, 34 lakes and one groundwater (Geevagh) body in Cycle 3. The issues related to farming in this catchment are predominantly due to phosphorus (and ammonia) loss from pastures to surface waters from, for example, direct discharges, or runoff from yards, roadways or other compacted surfaces, or runoff from poorly draining soils. Sediment can also be a problem from land drainage works, bank erosion from animal access or stream crossings.

5.1.1.2 Other significant pressures

- ◆ *Invasive species*
Invasive species have been identified as a significant pressure in seven lake waterbodies (Lattone, Drumlona, Sillan, Bunerky, Egish, Gowna South and Erne) all of which have Zebra mussels present and Lattone also has invasive non-native fish species present due to illegal stocking prior to 2006.
- ◆ *Abstraction*
An abstraction for water supply has been identified as an issue in two river waterbodies (Cullies_040 and Erne_020) and one lake waterbody (Corconnelly). Altered habitat due to hydrological changes is the associated impact of these abstractions. Cullies_040 is impacted by

Garty Lough private water supply, Erne_020 is impacted by Crosserlough private water supply and Corconnelly is impacted by Clones public water supply.

◆ *Unknown anthropogenic*

There are significant pressures impacting three river waterbodies (Major Lough Stream_010 Drumharriff Burn & Swanlinbar River), three lakes (Melvin, Lower Lough Macnean & Golagh) and one groundwater body (belcoo Boho) which are unknown.

◆ *Golf Courses*

The golf course in close proximity to Farnharn (Farnham) lake waterbody and has been identified as a source of nutrient pollution putting the waterbody *At Risk* of not achieving its environmental objectives.

◆ *Waste*

EPA licenced facility, Ballynacarrick Landfill, is impacting one groundwater body (Waste Facility (W0024-03)) due to nutrient pollution and damage to groundwater-dependent terrestrial ecosystems for chemical reasons.

5.1.1.3 Hydromorphology

- ◆ Hydromorphology is a significant pressure in 12 river waterbodies and two lake waterbodies (Garadice & Scur). Channelisation is the dominant hydromorphology subcategory in the catchment with five river waterbodies and one lake waterbody (Scur) within the catchment subject to extensive modification due to arterial drainage. Drainage schemes have led to altered flow and high levels of fine sediment. Four river waterbodies (Analee_100, Cullies_030, Knappagh_030 and Erne (UKGBNI1NW363604085) are impacted by barriers/weirs. One lake waterbody (Garadice) and three river waterbodies (Erne_010, Erne_020 & Erne_040) are impacted by land drainage. Habitats impacted by hydrological and morphological changes as well as sediment are the main issues associated with hydromorphology in the catchment.

5.1.1.4 Urban Run-off

- ◆ Diffuse urban pressures, caused by misconnections, leaking sewers and runoff from paved and unpaved areas, have been identified as a significant pressure in nine river waterbodies and one lake waterbody (White Rockcorry). Bundoran, Cavan, Ballybay, Clones and Sctoshouse are the urban areas identified to impacting receiving waters. Nutrient and organic pollution are the significant issues.

5.1.1.5 Urban Waste Water

- ◆ Urban Waste Water Agglomerations have been identified as a significant pressure in eight *At Risk* waterbodies, six river waterbodies and two lake waterbodies (Sillan & Lower Lough Macnean). One of these *At Risk* waterbodies (Bradoge_020) is impacted by the Bundoran Agglomeration, which was upgraded 2018, however, further upgrades are scheduled in 2022. Cootehill is the only other

agglomeration scheduled for upgrades under Irish Water's Capital Investment Programme (2020-2024).

Table 4: Urban Waste Water Treatment Agglomerations identified as significant pressures in At Risk waterbodies in Cycle 3

Facility name	Facility Type	Waterbody	2013-18 Ecological Status	Irish Water's Expected CIP Completion Date ⁸
Bundoran D0130	Combined Sewer Overflows	BRADOGE_020	Moderate	2022
Blacklion D0498	Agglomeration PE of 500 to 1,000	Lower Lough Macnean	Bad	N/A
Shercock D0495	Agglomeration PE of 500 to 1,000	Sillan	Poor	N/A
Killeshandra D0499	Agglomeration PE of 500 to 1,000	CULLIES_050	Poor	N/A
Ballybay and Environs D0207	Agglomeration PE of 2,001 to 10,000	DROMORE_040	Poor	N/A
Cootehill D0082	Agglomeration PE of 2,001 to 10,000	DROMORE_070	Poor	2024
Clones and Environs D0206	Agglomeration PE of 2,001 to 10,000	FINN (MONAGHAN)_040	Moderate	N/A
Pettigo A0461	Agglomeration PE < 500	Termon River (Pettigoe)	Unassigned	N/A

- ◆ Urban waste water significant pressures impacted six less waterbodies than in Cycle 2 (a reduction from 14 to eight waterbodies impacted). The following Agglomerations were listed as pressures in Cycle 2 but have been removed from the list of significant pressures in Cycle 3.
 - Smithsborough (D0464)
 - Newbliss (D0458)
 - Ballinagh (D0501)
 - Threemilehouse (A0020)

5.1.1.6 Domestic waste water

- ◆ Domestic waste water has been identified as a significant pressure in five river waterbodies and three lake waterbodies (Avaghon, Garadice & Oughter South). The significant issues arise from inadequate domestic waste water systems, many of which are sited on areas of high pollution impact potential/poorly draining soils, that result in enrichment and potential for microbial/organic contamination.

5.1.1.7 Forestry

- ◆ Forestry has remained a significant pressure in three river waterbodies (Cullies_040, Laheen Stream_010 & Yellow (Ballinamore)_010) and three lake waterbodies (Latton, Glasshouse & Macnean Upper) in Cycle 3. Nutrients and sediment were identified as the associated significant issue. Subcatchments Cullies_SC_010 and Drowes_SC_010 have a large proportion of forestry and were noted to have relatively intensive activities taking place in Cycle 2 with activities still deemed to be impacting in Cycle 3.

⁸ Based on Irish Water's Capital Investment Programme (2020-2024) as of February 2021 and may be subject to change.

5.1.1.8 Industry

- ◆ Industry has been identified as a significant pressure in four river waterbodies (Cullies_050, Finn (Monaghan)_040, Legga Stream_020 & Maghery_020). These point source discharges, causing nutrient and organic issues, arise from industrial discharges (Table 5).

Table 5: Breakdown of Cycle 3 Industry pressures in the Erne Catchment

Waterbody Code	Waterbody Name	Waterbody Type	Emission Type	Name	Impact
IE_NW_36C030900	CULLIES_050	River	IPC	Lakeland Dairies Co-operative Society Limited	Nutrient & Organic
IE_NW_36F010500	FINN (MONAGHAN)_040	River	IE	Anglo Beef Processors Ireland Unlimited Company (Clones)	Nutrient & Organic
IE_NW_36L030700	LEGGA STREAM_020	River	Section 4	N/A*	Nutrient & Organic
IE_NW_36M031200	MAGHERY_020	River	IE	Dava Farms Limited	Nutrient

*Name of facility not provided during characterisation

5.1.1.9 Extractive industry

- ◆ *Peat*
Peat works remains a significant pressure the Tullynassidagh lake waterbody. Phytoplankton conditions are driving status to Moderate. Peat works is the only recognizable potential pressure surrounding the lake, but the impact is unknown and further investigation is required.

Figure 13 – Figure 15 illustrates the locations of waterbodies for the three most common pressures in order of prevalence (agriculture, hydromorphology and urban run-off) within the catchment in Cycle 3.

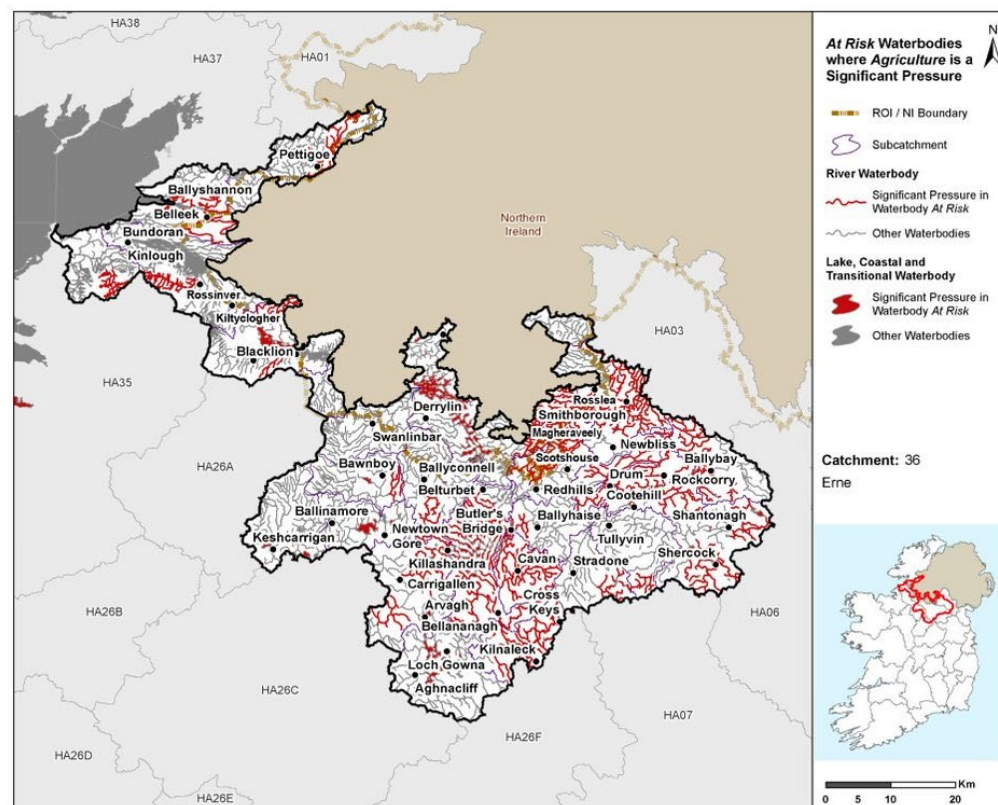


Figure 13: Locations of Waterbodies where Agriculture is a Significant Pressure

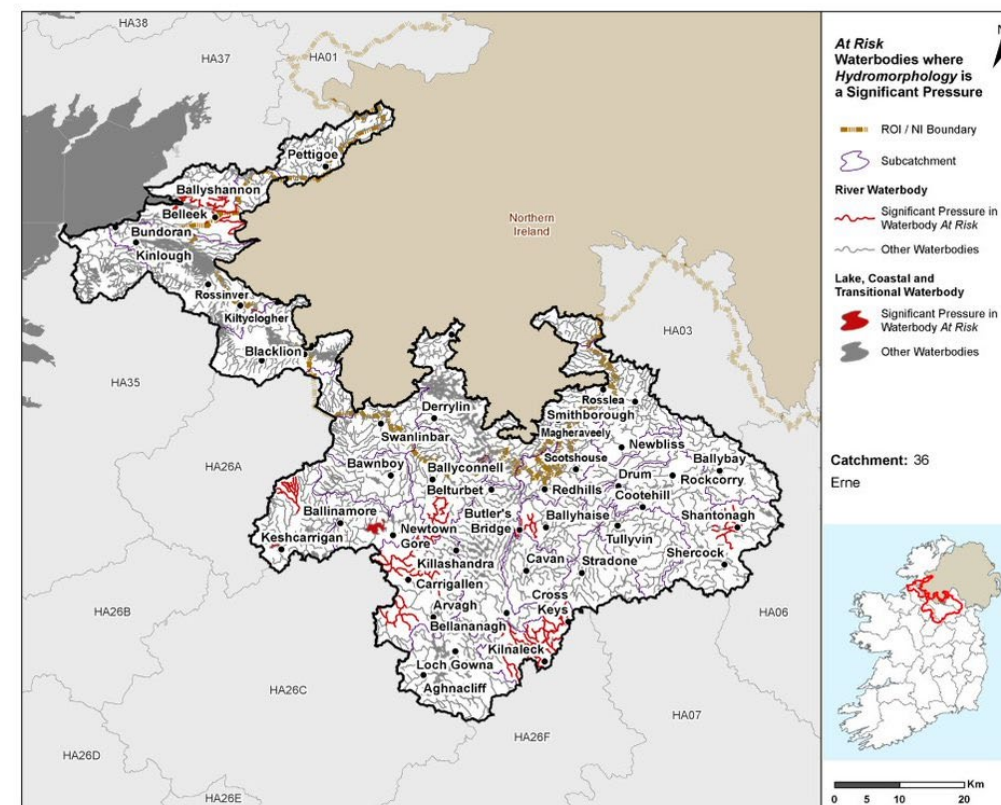


Figure 14: Locations of Waterbodies where Hydromorphology is a Significant Pressure

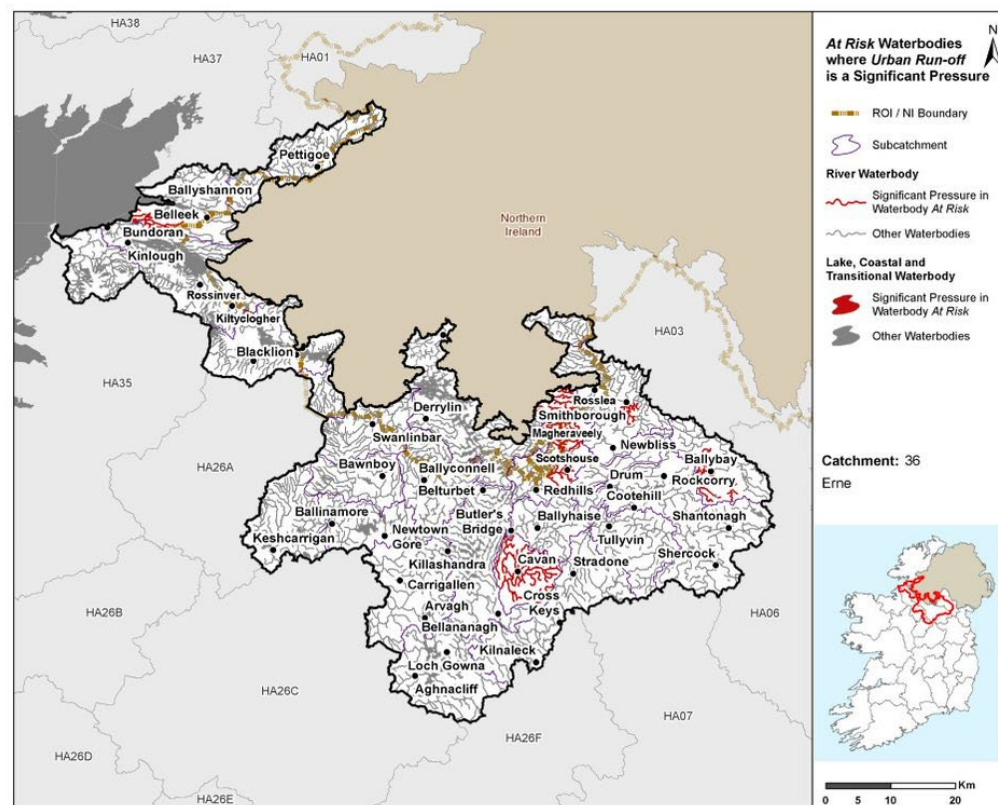
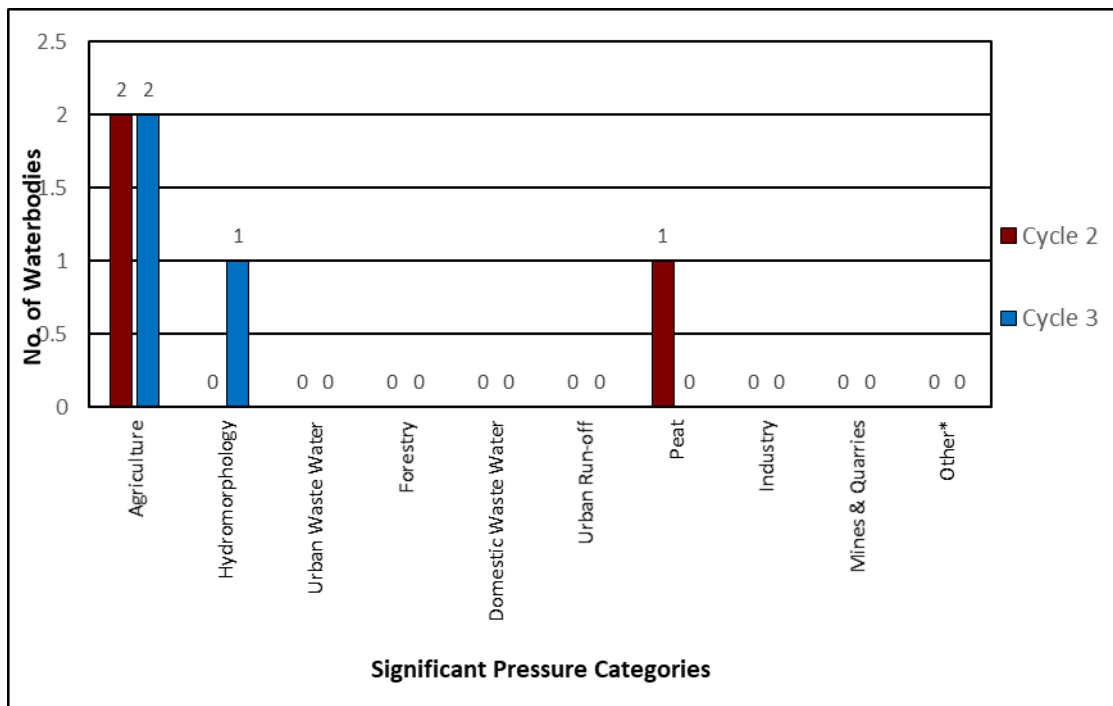


Figure 15: Locations of Waterbodies where Urban Run-off is a Significant Pressure

5.2 High Status Objective Waterbodies

- ◆ Agriculture and hydromorphology are the significant pressures in High Status Objective river waterbodies, with agricultural pressures identified in two (Duff_010 & Glenaniff_010) out of the three *At Risk* High Status Objective waterbodies and the remaining waterbody (Aghacashlaun_010) impacted by hydromorphological pressures.



*Other – abstractions, aquaculture, atmospheric, anthropogenic pressures, historically polluted sites, waste, water treatment and invasive species have all been grouped into the “Other” pressure category for the purpose of this report

Figure 16: Significant Pressure in *At Risk* High Status Objective Waterbodies

6 Source Load Apportionment Modelling (SLAM)

- ◆ The EPA has developed Source Load Apportionment Models (SLAM) for both P and N which estimate the proportion of the phosphorus and nitrogen inputs, respectively, to waters in each catchment that comes from each sector.
- ◆ The main data inputs for the model for agriculture are the 2018 land parcel (LPIS) and animal (AIMs) data from the Department of Agriculture Food and the Marine. The Urban Waste Water (UWW) data comes from Irish Water’s discharge monitoring data. The model also calculates the inputs from a range of other sectors, including for example, forestry, septic tanks, peat, urban runoff and atmospheric deposition.
- ◆ In the catchment pasture and deposition on water are responsible for 74% and 9% of the nitrogen load respectively while land in pasture, forestry and discharges from urban waste water contribute 48%, 13% and 10% of the phosphorus loadings for the catchment respectively (Figure 17).

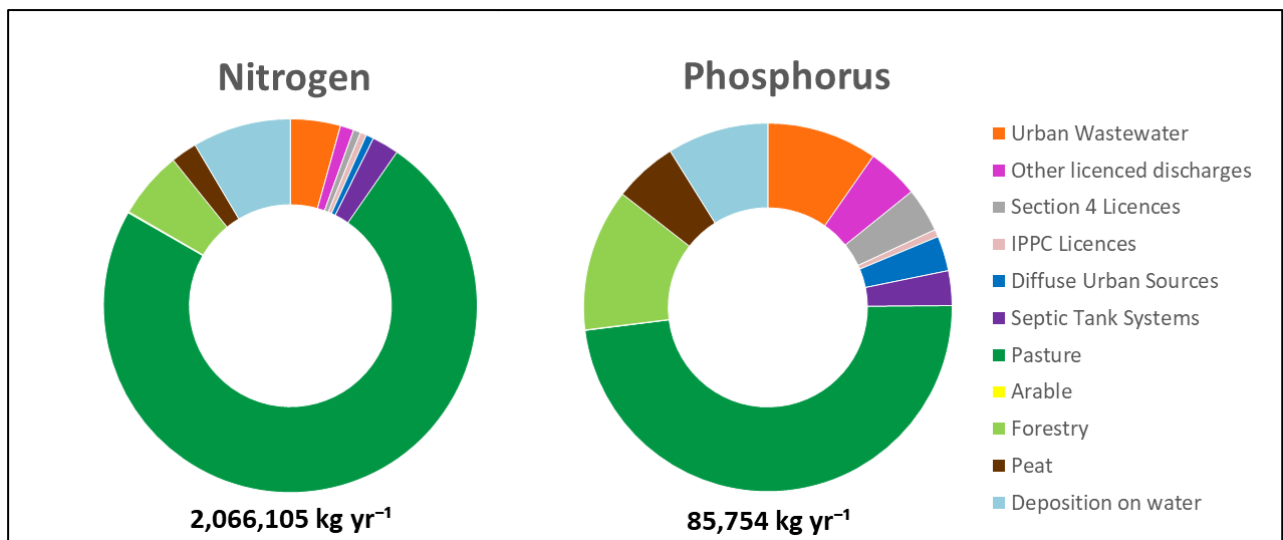


Figure 17: Estimated Proportions of N & P from Each Sector in the Erne Catchment

7 Load Reduction Assessment

7.1 Nitrogen Load Reduction

- ◆ An assessment was undertaken to determine if nitrogen reductions in rivers, streams and lakes are required for Transitional and Coastal (TRACs) waterbodies to achieve their WFD environmental objective. The outcome of the assessment indicated that 10 of the 46 catchments require N reductions in our inland waters to restore some TRAC waterbodies. Nitrogen load reduction to meet TRAC WFD objectives are not required in the Erne Catchment.

7.2 Phosphorus / Sediment Load Reduction

- ◆ Further modelling work is required to determine if and what P load reductions are required.

Figure 18 highlights areas where agricultural measures for sediment and phosphorus should be targeted. Waterbodies with blue fill are areas where sediment or phosphorus should be. Pollution Impact Potential mapping for both phosphorus and nitrogen in the catchment are provided in Appendix 2.

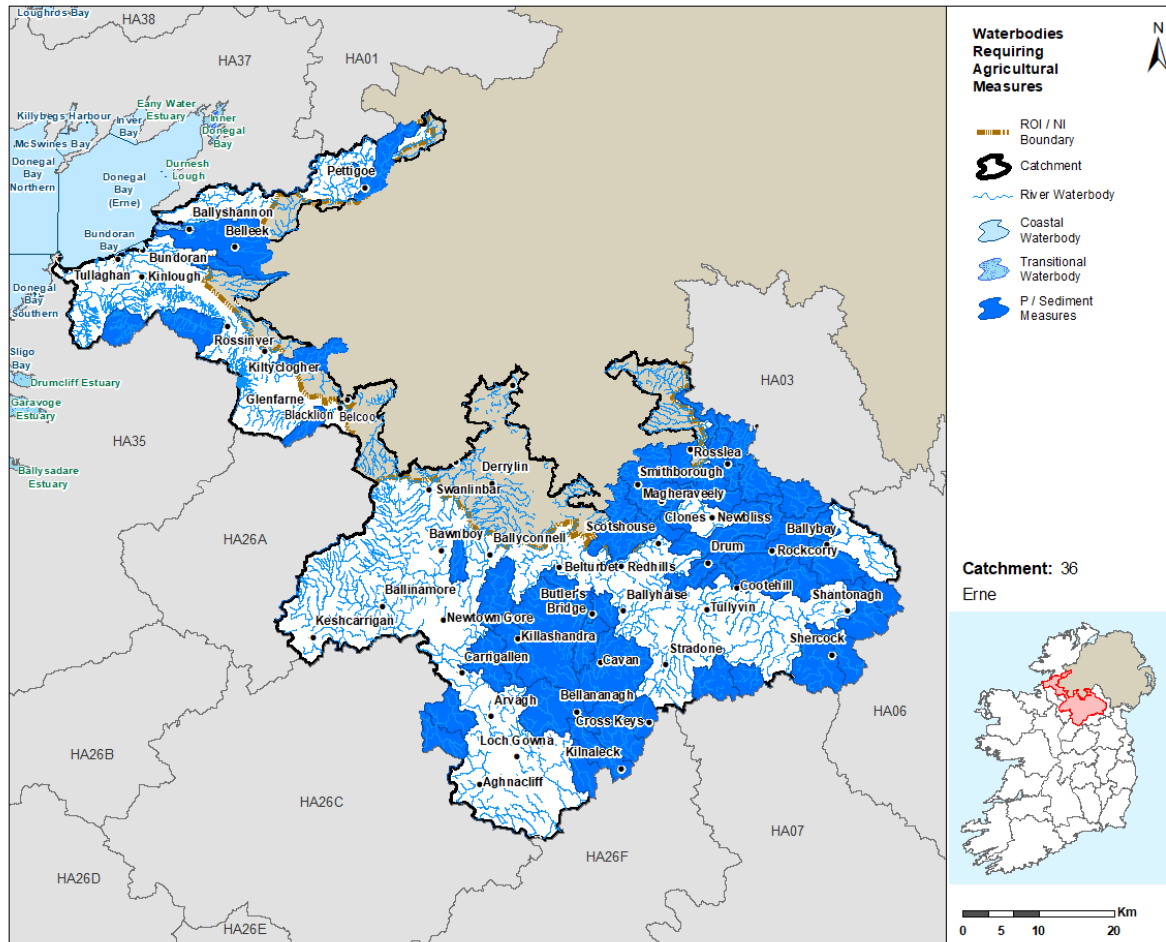


Figure 18: Waterbodies where Agricultural Measures should be Targeted

8 2nd Cycle Areas for Action

8.1 Area for Action Overview

- ◆ There were 11 Areas for Action, comprising of 33 waterbodies, selected for further characterisation and action in the catchment for the 2nd Cycle River Basin Management Plan. The Areas for Action in the catchment are listed in Table 6 and shown in Figure 19. LAWPRO, in conjunction with local authorities and stakeholders from the Borders Regional Operational Committee, have been working in these areas since 2018.

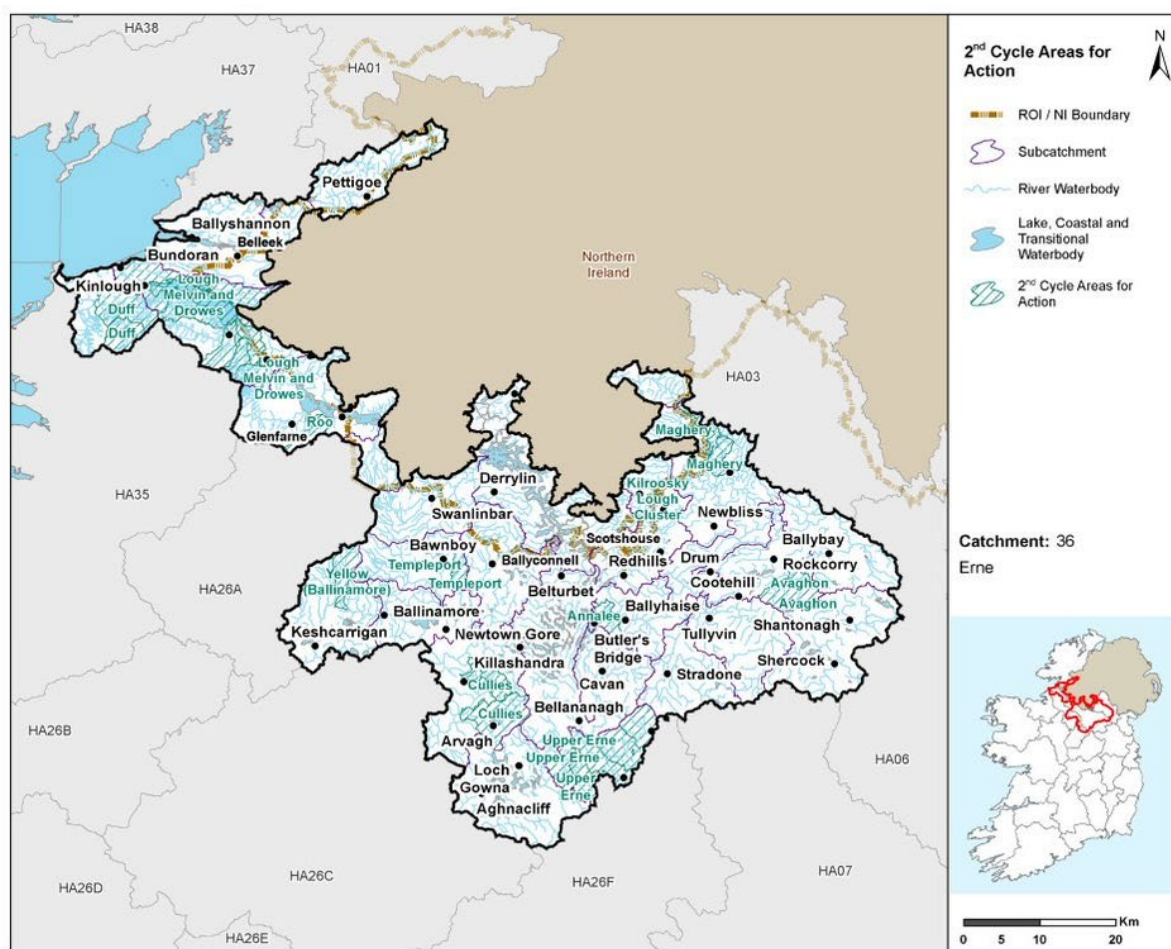


Figure 19: 2nd Cycle Areas for Action Locations

Table 6: 2nd Cycle Areas for Action

2 nd Cycle Area for Action	Number of waterbodies	Sub-catchment	Local Authority	Reason for Selection
Maghera	2	36_17	Monaghan	• One deteriorated river water body. • Starting in the headwaters. • Multiple pressures which can be investigated at the same time. • A mixture of possible quick win and longer term challenge.
Duff	2	36_28	Leitrim Sligo	• Two deteriorated High Ecological Status objective water bodies that deteriorated recently to Good in the 2013-2015 monitoring cycle. • Starting in the headwaters. • Multiple pressures which can be investigated at the same time. • Possibility of a quick win.
Erne	7	36_8 36_21	Cavan	• Two deteriorated water bodies both of which have recently dropped in status to Poor in the 2013-2015 monitoring cycle. • Work planned by Cavan Co. Co. and potential to build on findings.

2 nd Cycle Area for Action	Number of waterbodies	Sub-catchment	Local Authority	Reason for Selection
				• Starting in the headwaters. • Multiple pressures which can be investigated at the same time. • Two unassigned lake water bodies in the upper Erne system to be included to determine water quality.
Avaghlon	2	36_10	Monaghan	• Build on existing work by County Council who have a good understanding of the significant pressures.
Cullies	2	36_19	Cavan	• One deteriorated water body which recently dropped in status to Poor in the 2013-2015 monitoring cycle. • Starting at the headwaters. • Multiple pressures which can be investigated at the same time. • Build on work undertaken by County Council including Septic tank awareness programme. • May link to Source protection study with raw water monitoring on going.
Summerhill Kilroosky	4	36_14	Monaghan NIEA	• One deteriorated lake water body. • Three unassigned lake water bodies in the Kilroosky Special Area of Conservation. • Monaghan Co. Co. Heritage officer working to source funds to look at water pollution in this cluster of lakes. • NIEA undertaking work on northern side of border, Cross Border Partnership on-going.
Lough Melvin and Drowse	9	36_20	Leitrim NIEA	• One Deteriorated water body, Drowse_010, with a Protected Area objective that is not being met. This water body recently dropped in status to Moderate in the 2013-2015 monitoring cycle. • Lough Melvin is also not meeting its Protected Area objective. • Previous catchment management plan in this area which can be built on and may inform and focus investigation. • Six unassigned river water bodies that flow into Lough Melvin are included to determine the respective water quality which may be impacting on the lake. • Community engagement possibilities in the area. • Long term challenge requiring cross agency approach. • Cross Border Partnership required.

2 nd Cycle Area for Action	Number of waterbodies	Sub-catchment	Local Authority	Reason for Selection
Templeport	2	36_6	Cavan	• Build on recent action by Cavan Co. relating to a direct discharge to Templeport Lake Stream. • Bunerky Lake included as it has similar pressures to the river water body. • The two water bodies included in the recommended action area are the only water bodies that are less than Good in this subcatchment. • Improvements in these water bodies may protect the current High status in the Blackwater(Newtowngor)_020 river water body.
Roo	1	36_24	Cavan	• One Deteriorated water body which was previously at High status. • County council familiar with pressures in the area. • Little activity and significant pressure point could be easy to identify. • Possibility of Quick win
Yellow (Ballinamore)	1	36_15	Leitrim	• Water body was at Good status in the 10-12 monitoring cycle. • Single significant pressure identified. • Possibility of Quick win
Annalee	1	36_5	Cavan	• Single significant pressure identified in this water body. • This is the only water body in this subcatchment that is at less than Good status. • Fish status driving ecological status with all other determinands at Good.

8.2 Status Change in 2nd Cycle Areas for Action

- ◆ For Cycle 3, of the 33 waterbodies in the 2nd Cycle Areas for Action, there is one waterbody at High Status, four waterbodies at Good Status, nine waterbodies at Moderate Status, six waterbodies at Poor Status and 13 waterbodies where status has not been assigned.
- ◆ There is an overall improvement in the status of seven of the 2nd cycle Areas for Action waterbodies across the catchment.⁹

⁹ Status class change cannot be calculated for waterbodies where status has not been assigned in either cycle 2 or 3 and therefore these waterbodies are not represented in Figure 18. Percentage displayed in the chart below are in relation to the total number of waterbodies with status assigned in both cycles, as opposed to total number of all waterbodies.

- ◆ Of the 20 waterbodies within the 2nd Cycle Areas for Action which had status assigned, 13 experienced no change in status between Cycle 2 and Cycle 3, seven waterbodies experienced an improvement and no waterbodies were subject to deterioration in status (Figure 20). Of the seven waterbody (all rivers) improvements, three (Erne_10, Erne_020 & Erne_040) were in the Erne Area for Action. The Duff, Cullies, Roo and Lough Melvin & Drowes Areas for Action each experienced an improvement in one waterbody. Namely Duff_020, Cullies_010, Roo_010 and Drowes_010 respectively.

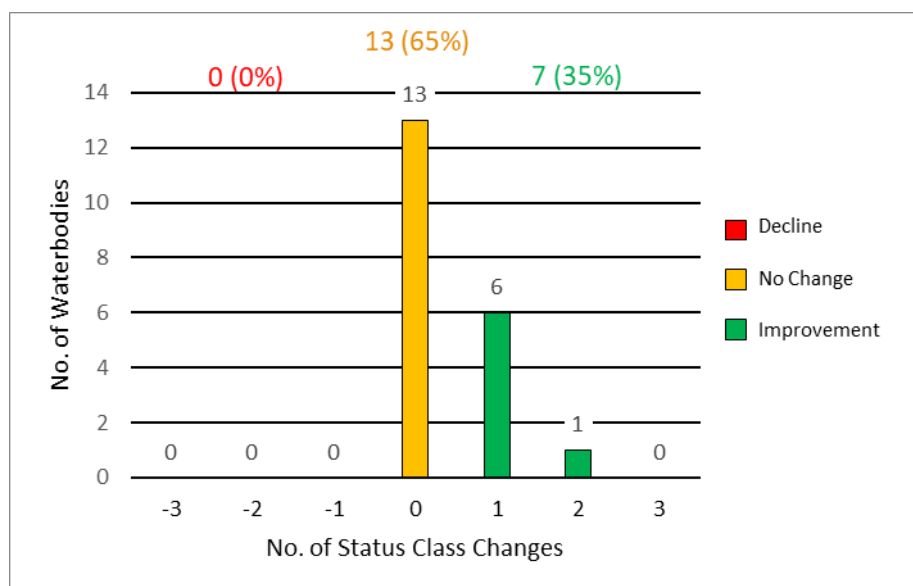


Figure 20: 2nd Cycle Area for Action Waterbody Status Class Changes between Cycle 2 and Cycle 3

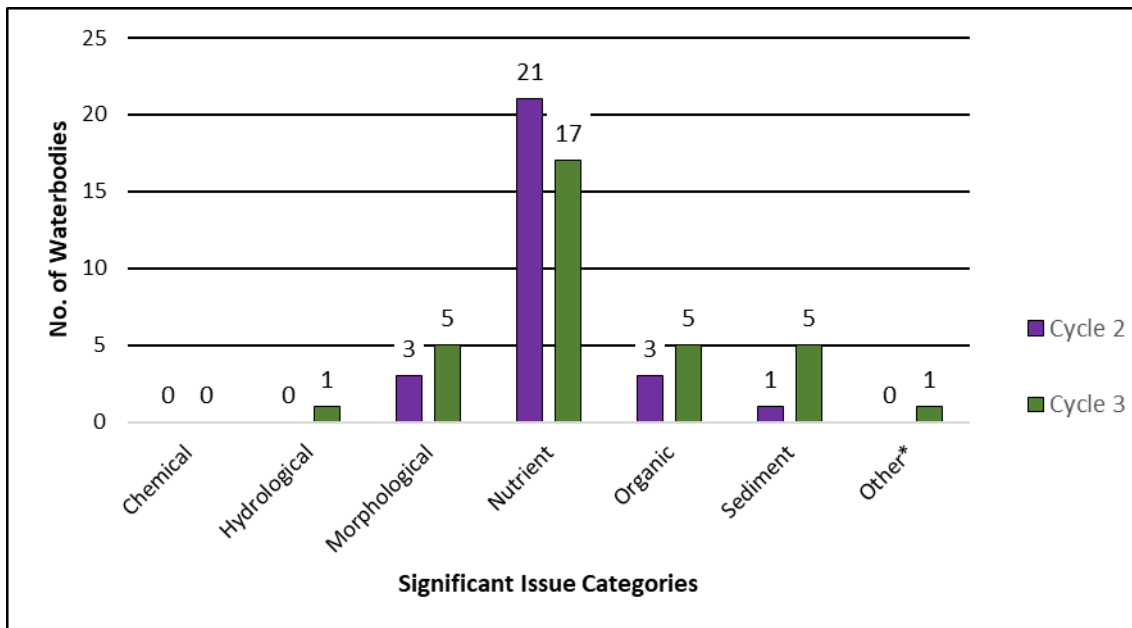
8.3 Waterbody Risk in 2nd Cycle Areas for Action

- ◆ For the 33 waterbodies in the 2nd Cycle Areas for Action, 18 (55%) of these are currently *At Risk*, 14 (42%) in *Review* and 1 (3%) is *Not At Risk*.
 - ◆ For the 23 river waterbodies, 13 (57%) are *At Risk*, nine (39%) are in *Review* and 1 (4%) is *Not At Risk*.
 - ◆ Of the 10 lake waterbodies five (50%) are *At Risk* and five (50%) are in *Review*.
- ◆ The largest proportion of *At Risk* waterbodies are found in river waterbodies, accounting for 13 (72%) of the 18 *At Risk* waterbodies. **Error! Reference source not found.** gives an overview of the breakdown of risk across waterbody types for both Cycle 2 and Cycle 3 in 2nd Cycle Areas for Action.
- ◆ Overall there is a decrease from 21 to 18 *At Risk* waterbodies in 2nd Cycle Areas for Action between Cycle 2 and Cycle 3.

8.4 Significant Issues in 2nd Cycle Areas for Action

- ◆ Based on the EPA assessment for Cycle 3, the significant issue in the 2nd Cycle Areas for Action is nutrient pollution, impacting 17 waterbodies (Figure 21). This is followed by organic pollution, sediment and morphological impacts which are each impacting five waterbodies.

- ◆ The number of 2nd Cycle Areas for Action waterbodies associated with each of the significant issues categories has increased between Cycle 2 and Cycle 3 except for nutrient pollution has which has reduced from 21 to 17 waterbodies.

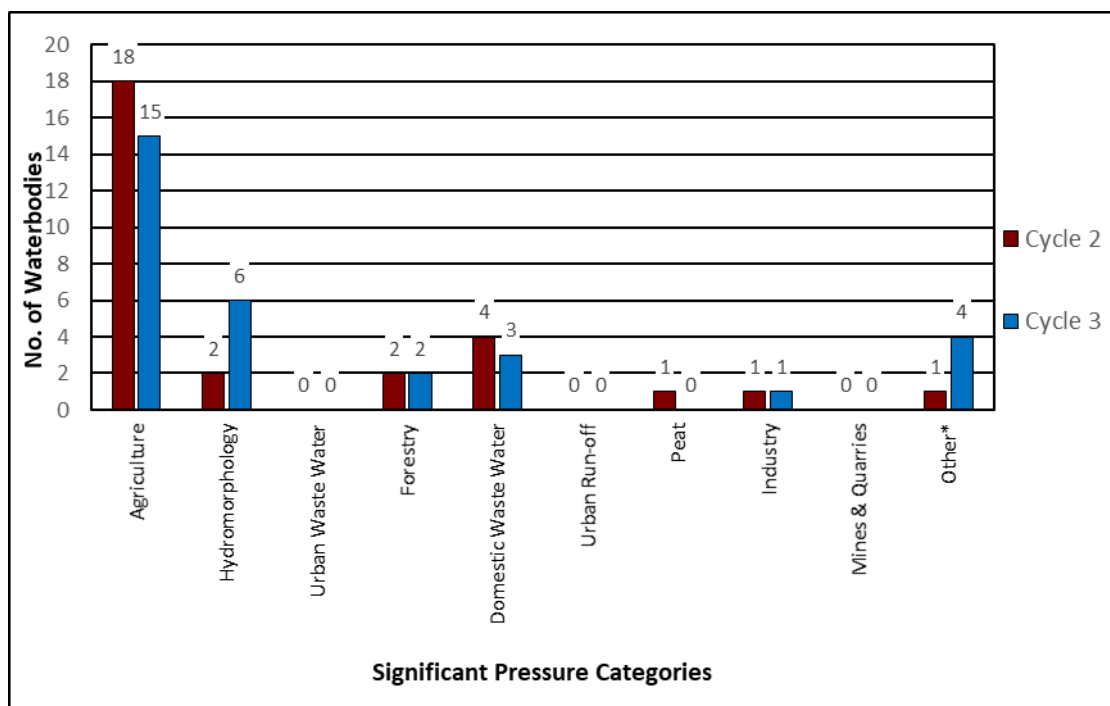


*Other - Acidification, saline intrusion, elevated temperature, litter, microbiological pollution and unknown impacts have all been grouped into the "Other" issues category for the purpose of this report

Figure 21: Significant Issues across all 2nd Cycle Areas for Action Waterbodies

8.5 Significant Pressure in 2nd Cycle Areas for Action

- ◆ For Cycle 3, in 2nd Cycle Areas for Action waterbodies in the catchment the dominant significant pressures are:
 - Agriculture – 15 waterbodies are impacted compared to 18 impacted in Cycle 2.
 - Hydromorphology - six waterbodies are impacted compared to two impacted in Cycle 2.
 - Domestic Waste Water - three (Avaghon Lake Stream_010 & Roo_010 river waterbodies and Avaghon lake waterbody) waterbodies are impacted compared to two impacted in Cycle 2.
 - Forestry - two (Yellow (Ballinamore)_010 river and Lattone lake) waterbodies remain impacted in Cycle 3.
 - Invasive Species – two lake waterbodies (Melvin & Bunerky) are impacted by invasive species
 - Industry – Maghery_010 river waterbody is impacted by industrial emission in Cycle 2.
 - Abstraction – Erne_020 river waterbody is impacted by Abstraction pressures
 - Unknown – The significant pressure in Melvin lake waterbody is unknown.
- ◆ When comparing the significant pressures in the 2nd Cycle Areas for Action between Cycle 2 and 3 the most notable changes are a decrease in the number of waterbodies impacted by agricultural pressures from 18 to 15 and an increase in the number of waterbodies impacted by hydromorphological pressure from two to six waterbodies. This increase is likely to be associated with a stronger evidence base and increasing awareness of hydromorphology rather than new significant hydromorphology pressures since Cycle 2.



*Other – abstractions, aquaculture, atmospheric, anthropogenic pressures, historically polluted sites, waste, water treatment and invasive species have all been grouped into the “Other” pressure category for the purpose of this report

Figure 22: Significant Pressures in 2nd Cycle Area for Action Waterbodies

9 3rd Cycle Recommended Areas for Action

9.1 Recommended Areas for Action Overview

- ◆ For the 3rd Cycle Draft River Basin Management Plan Areas for Action have been extended out to not only include Prioritised Areas for Action undertaken by LAWPRO which focussed on restoring waterbodies, but to also include restoration work undertaken by all agencies under Areas for Restoration. In addition, protection work is included under Areas for Protection and research, pilot schemes and community initiatives are included under Catchment Projects. The aim of the 3rd Cycle Plan is to capture all activity that is working to restore, improve and/or protect waterbodies.
- ◆ There are 24 Recommended Areas for Action, comprising of 100 waterbodies, selected for further characterisation and action in the catchment for the 3rd Cycle River Basin Management Plan. 56 of the 100 waterbodies in the 3rd Cycle Recommended Areas for Action are *At Risk*, 31 are in *Review* and 13 are *Not At Risk*. The 24 Recommended Areas for Action consist of five Areas for Protection and 19 Areas for Restoration. LAWPRO are the proposed lead organisation in 16 Recommended Areas for Action, NFGWS are the proposed lead in six Recommended Areas for Action and Longford CoCo are the proposed lead in the remaining two Recommended Areas for Action. The Recommended Areas for Action in the catchment are listed in Table 7 and shown in Figure 23. The reason for selection for each waterbody in the catchment included as part of a Recommended Area for Action is provided in Appendix 3.

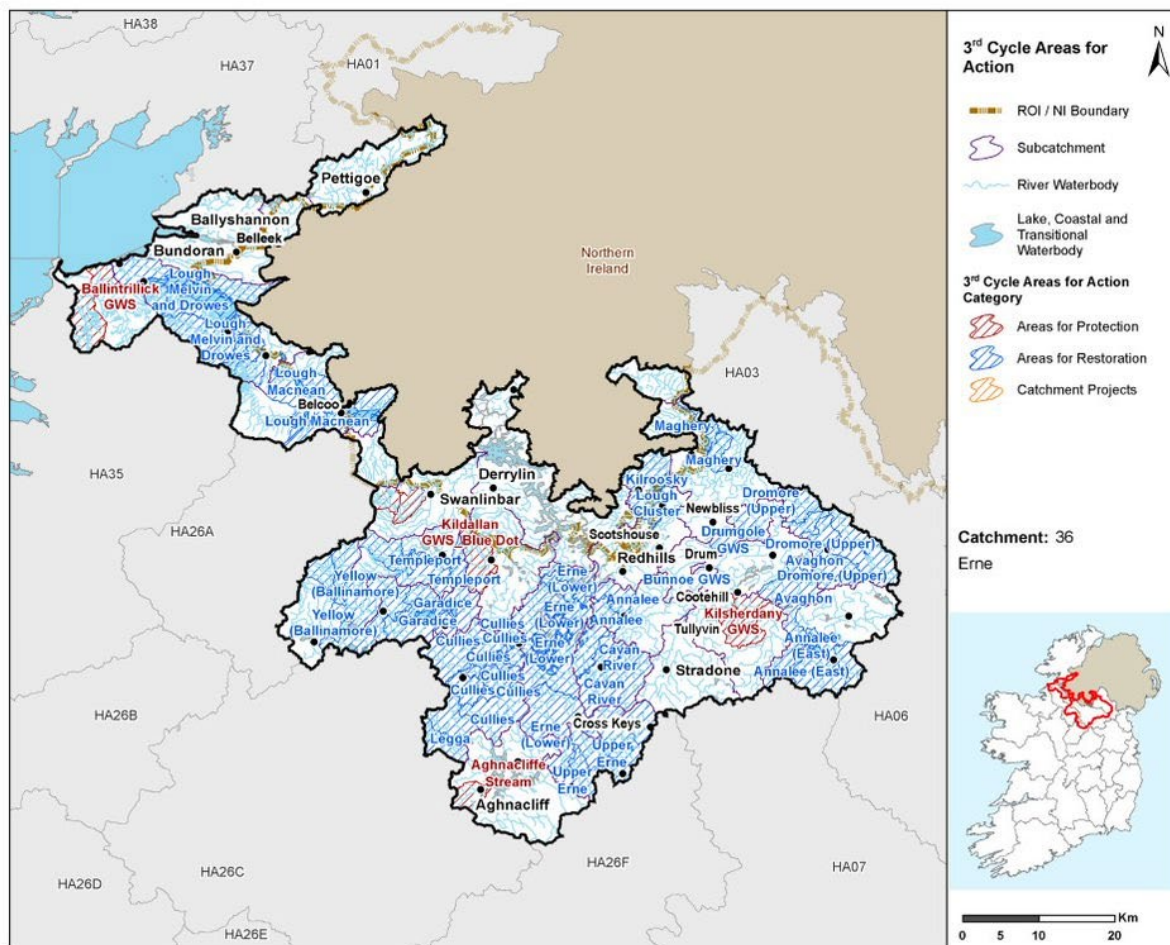


Figure 23: 2nd & 3rd Cycle Recommended Areas for Action Locations

Table 7: 3rd Cycle Recommended Areas for Action Breakdown

3rd Cycle Recommended Areas for Action	Number of Waterbodies	Recommended Areas for Action Category	Recommended Areas for Action Sub-category	Lead Organisation
Lough Melvin and Drowes	10	Restoration	Prioritised Areas for Action LAWPRO	LAWPRO
Ballintrillick GWS	1	Protection	Public Health Areas for Protection NFGWS, IW, HSE, LAS, SFPA	NFGWS
Annalee (East)	5	Restoration	Prioritised Areas for Action LAWPRO	LAWPRO
Kilsherdany GWS	1	Protection	Public Health Areas for Protection NFGWS, IW, HSE, LAS, SFPA	NFGWS
Annalee	2	Restoration	Prioritised Areas for Action LAWPRO	LAWPRO
Sliabh an Iarainn GWS_Blue Dot	1	Restoration	Public Health Areas for Restoration	NFGWS

3rd Cycle Recommended Areas for Action	Number of Waterbodies	Recommended Areas for Action Category	Recommended Areas for Action Sub-category	Lead Organisation
			NFGWS, IW, HSE, LAs, SFPA	
Aghnacliffe Stream	1	Protection	LA Areas for Protection Local Authorities	Longford County Council
Avaghon	2	Restoration	Prioritised Areas for Action LAWPRO	LAWPRO
Erne (Lower)	10	Restoration	Prioritised Areas for Action LAWPRO	LAWPRO
Templeport	4	Restoration	Prioritised Areas for Action LAWPRO	LAWPRO
Drumgole GWS	1	Restoration	Public Health Areas for Restoration NFGWS, IW, HSE, LAs, SFPA	NFGWS
Cavan River	6	Restoration	Prioritised Areas for Action LAWPRO	LAWPRO
Cullies	16	Restoration	Prioritised Areas for Action LAWPRO	LAWPRO
Dromore (Upper)	7	Restoration	Prioritised Areas for Action LAWPRO	LAWPRO
Upper Erne	7	Restoration	Prioritised Areas for Action LAWPRO	LAWPRO
Legga	1	Restoration	LA Areas for Restoration Local Authorities	Longford County Council
Maghery	2	Restoration	Prioritised Areas for Action LAWPRO	LAWPRO
Garadice	6	Restoration	Prioritised Areas for Action LAWPRO	LAWPRO
Lough Macnean	5	Restoration	Prioritised Areas for Action LAWPRO	LAWPRO
Swanlinbar_Blue Dot	2	Protection	Blue Dot Areas for Protection LAWPRO and Others	LAWPRO
Kildallan GWS_Blue Dot	1	Protection	Public Health Areas for Protection NFGWS, IW, HSE, LAs, SFPA	NFGWS
Yellow (Ballinamore)	3	Restoration	Prioritised Areas for Action LAWPRO	LAWPRO
Kilroosky Lough Cluster	5	Restoration	Prioritised Areas for Action LAWPRO	LAWPRO
Bunroe GWS	1	Restoration	Public Health Areas for Restoration	NFGWS

3rd Cycle Recommended Areas for Action	Number of Waterbodies	Recommended Areas for Action Category	Recommended Areas for Action Sub-category	Lead Organisation
			NFGWS, IW, HSE, LAs, SFPA	

10 Catchment Summary

- Of the 129 river waterbodies, 60 are *At Risk* of not meeting their WFD objectives.
- Of the 130 lake waterbodies, 40 are *At Risk* of not meeting their WFD objectives.
- Of the 66 groundwater bodies, three (Belcoo Boho, Waste Facility (W0024-03) & Geevagh) are *At Risk* of not meeting their WFD objectives.
- There are no *At Risk* transitional or coastal waterbodies.
- Overall, there has been no change in the number of *At Risk* waterbodies across the catchment with 104 waterbodies *At Risk* in both Cycle 2 and Cycle 3.
- The main significant issues are from nutrients pollution, followed by organic pollution, sediment, morphological impacts, hydrological impacts and chemical pollution.
- The main significant pressures are agricultural pressures followed by hydromorphological pressures, urban run-off, urban waste water, domestic waste water, invasive species, forestry, industry and peat.
- The increase in hydromorphological impacts is likely to be associated with a stronger evidence base and increasing awareness of hydromorphology rather than new significant hydromorphology pressures since Cycle 2.
- In the 2nd Cycle Areas for Action, 21 waterbodies were *At Risk* in Cycle 2 and 18 waterbodies are *At Risk* in Cycle 3.
- There are 24 3rd Cycle Recommended Areas for Action for Cycle 3. They comprise of 100 waterbodies with 56 waterbodies *At Risk*, 31 in *Review* and 13 *Not At Risk*.

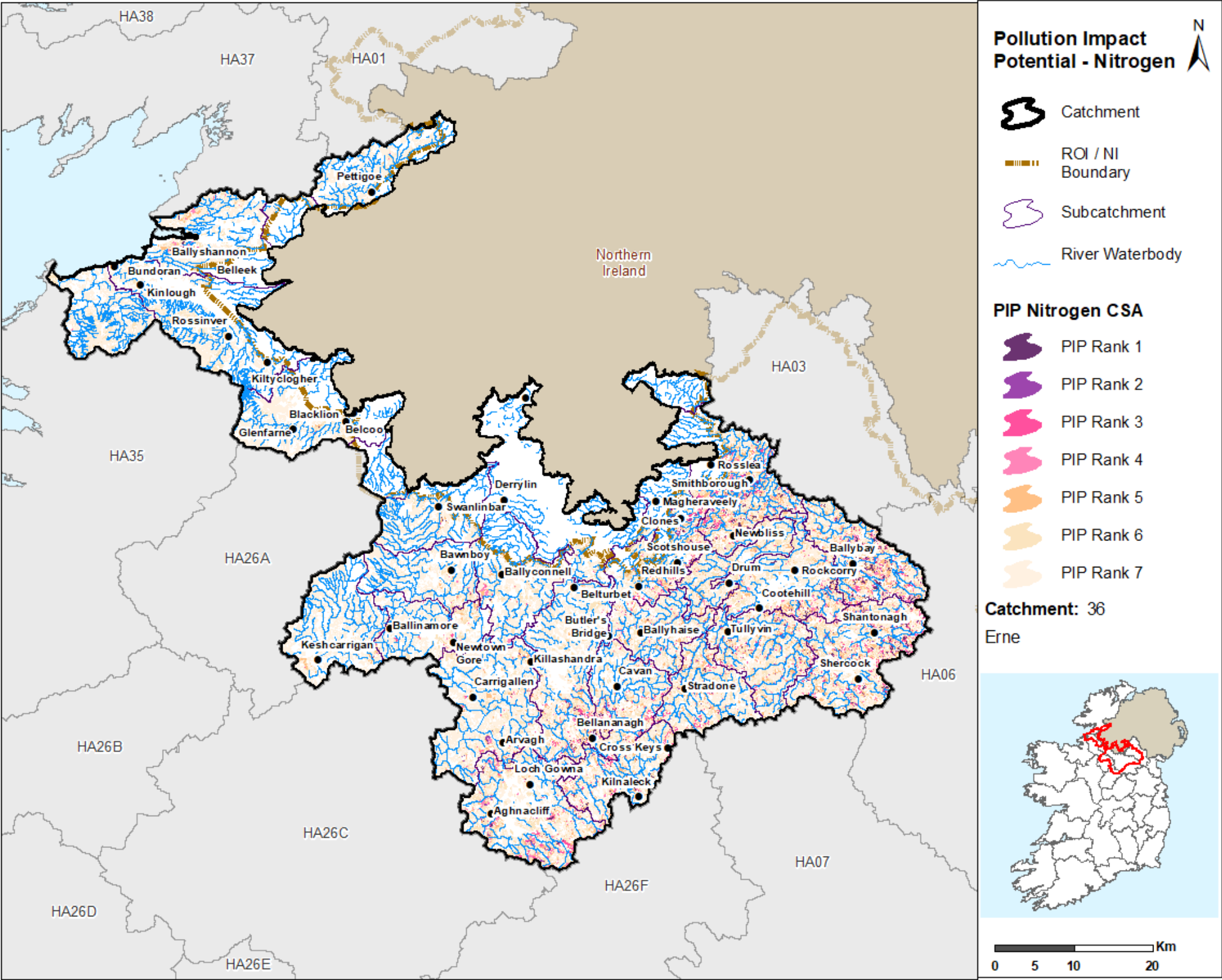
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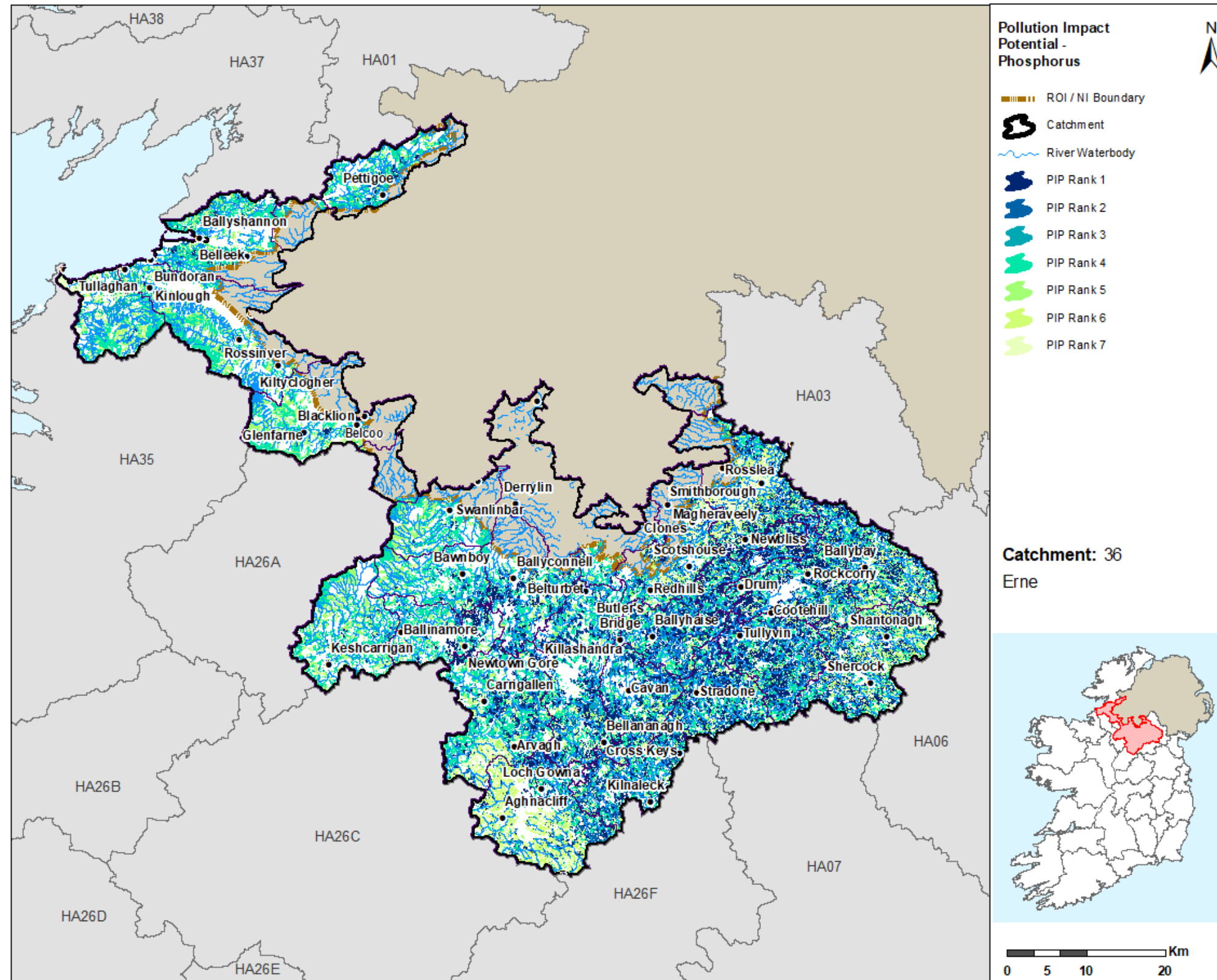
High ecological status objective waterbodies

Waterbody Name	Waterbody Type	Waterbody Code	Status 2013-2018
BELLANAMEAN_010	River	IE_WE_34B040500	High
CALLOW LOUGHS STREAM_010	River	IE_WE_34C080300	High
CLOONAGHMORE_010	River	IE_WE_34C030030	Good
CLOONAGHMORE_030	River	IE_WE_34C030150	High
CLOONLAVIS_010	River	IE_WE_34C100300	Good
CLYDAGH (CASTLEBAR)_020	River	IE_WE_34C050200	Good
CRUMLIN (LOUGH CULLIN)_010	River	IE_WE_34C110300	Good
EIGNAGH_010	River	IE_WE_34E010100	High
EIGNAGH_020	River	IE_WE_34E010200	Good
EIGNAGH_030	River	IE_WE_34E010300	Good
GLENREE_010	River	IE_WE_34G010020	High
GLENREE_020	River	IE_WE_34G010060	Good
GWEESTION_020	River	IE_WE_34G030200	High
LENYVEE_010	River	IE_WE_34L060300	High
LOUGHANABOLL_010	River	IE_WE_34L070100	High
MOY_040	River	IE_WE_34M020300	Moderate
OWENAHAR_010	River	IE_WE_34O010050	High
OWENGARVE (SLIGO)_010	River	IE_WE_34O030050	Good
OWENGARVE (SLIGO)_020	River	IE_WE_34O030100	Good
OWENGARVE (SLIGO)_030	River	IE_WE_34O030200	High
POLLAGH_010	River	IE_WE_34P010100	High
POLLAGH_020	River	IE_WE_34P010200	High
Talt	Lake	IE_WE_34_405	Good
TRIMOGE_030	River	IE_WE_34T010500	High
Washpool	Lake	IE_WE_34_402	Good
YELLOW (FOXFORD)_010	River	IE_WE_34Y010100	High
YELLOW (FOXFORD)_020	River	IE_WE_34Y010400	High

Appendix 2

Pollution Impact Potential Mapping





Appendix 3

Summary information on all waterbodies in the Erne Catchment

Subcatchment Code	Waterbody Code	Waterbody Name	Waterbody Type	Risk 10-15	Risk 13-18	Status 10-15	Status 13-18	High Ecological Status Objective Waterbody	Significant Pressures	Recommended Areas for Action Name	Recommended Areas for Action (reasons for selection)
36_20	IE_NW_35B010400	BALLAGH_010	River	Review	Review	Unassigned	Unassigned	No		Lough Melvin and Drowes	Existing PAA
36_27	IE_NW_35B070200	BRADOGE_020	River	At risk	At risk	Moderate	Moderate	No	DWW, UR, UWW		
36_28	IE_NW_35D050100	DUFF_010	River	At risk	At risk	Good	Good	Yes	Ag		
36_28	IE_NW_35D050250	DUFF_020	River	At risk	Review	Good	High	Yes			
36_28	IE_NW_35D050400	DUFF_030	River	Not at risk	Not at risk	High	Good	No		Ballintrillick GWS	NAR - proposed by NPWS The NFGWS would like to highlight that the Ballintrillick GWS groundwater Zone of Contribution is situated within the Duff_030 and therefore would like to propose its inclusion for selection as a PAA.
36_20	IE_NW_35G020200	GLENANIFF_010	River	Not at risk	At risk	High	Good	Yes	Ag	Lough Melvin and Drowes	Expansion of PAA - deteriorated Blue Dot WB
36_20	IE_NW_35K380940	KINLOUGH_010	River	Review	Review	Unassigned	Unassigned	No		Lough Melvin and Drowes	Existing PAA
36_20	IE_NW_35L660960	LATTONE_010	River	Review	Review	Unassigned	Unassigned	No		Lough Melvin and Drowes	Existing PAA
36_20	IE_NW_35R320460	ROSFRIAR_010	River	Review	Review	Unassigned	Unassigned	No		Lough Melvin and Drowes	Existing PAA
36_20	IE_NW_35S070870	SRAGARVE_010	River	Review	Review	Unassigned	Unassigned	No		Lough Melvin and Drowes	Existing PAA
36_27	IE_NW_36A010300	ABBEY_010	River	Review	Review	Unassigned	Unassigned	No			
36_16	IE_NW_36A020080	ANNALEE_010	River	Not at risk	At risk	Good	Moderate	No	Ag	Annalee (East)	Prposed by Cavan CoCo - At Risk and potential for quick win
36_16	IE_NW_36A020150	ANNALEE_020	River	At risk	At risk	Poor	Moderate	No	Ag, UWW	Annalee (East)	Prposed by Cavan CoCo - At Risk and potential for quick win
36_16	IE_NW_36A020350	ANNALEE_030	River	Not at risk	Not at risk	Good	Good	No		Annalee (East)	Prposed by Cavan CoCo - Not At Risk but would be included with u/s At Risk WBs
36_11	IE_NW_36A020500	ANNALEE_040	River	Not at risk	Review	Good	Good	No			

Subcatchment Code	Waterbody Code	Waterbody Name	Waterbody Type	Risk 10-15	Risk 13-18	Status 10-15	Status 13-18	High Ecological Status Objective Waterbody	Significant Pressures	Recommended Areas for Action Name	Recommended Areas for Action (reasons for selection)
36_11	IE_NW_36A020600	ANNALEE_050	River	Not at risk	Not at risk	Good	Good	No		Kilsherdany GWS	NAR - not proposed. Included in Erne Source to Tap The NFGWS would like to propose that Black Lough is included within a PAA on basis of Public Health. The lake is used for water abstraction by Kilsherdany GWS. The lake is not currently assigned a WFD classification and there are no known outflows from the lake.
36_11	IE_NW_36A020800	ANNALEE_060	River	Not at risk	Not at risk	Good	Good	No			
36_5	IE_NW_36A020900	ANNALEE_070	River	Not at risk	Review	Good	Good	No			
36_5	IE_NW_36A021000	ANNALEE_080	River	Not at risk	Not at risk	Good	Good	No			
36_5	IE_NW_36A021150	ANNALEE_090	River	Review	Not at risk	Good	Good	No		Annalee	Expansion of existing PAA - inputs to Annalee PAA
36_5	IE_NW_36A021400	ANNALEE_100	River	At risk	At risk	Moderate	Moderate	No	Ag, Hymo	Annalee	Existing PAA - consider adding in CAVAN WBs and renaming to Cavan River PAA
36_15	IE_NW_36A030300	AGHACASHLAUN_010	River	Not at risk	At risk	High	Good	Yes	Hymo	Sliabh an Iarainn GWS_Blue Dot	The NFGWS would like to highlight that the Sliabh an Iarainn GWS groundwater Zone of Contribution is situated within the Aghacashluan_010 and therefore would like to propose its inclusion for selection as a PAA.
36_15	IE_NW_36A030500	AGHACASHLAUN_020	River	Not at risk	Not at risk	Good	Good	No			
36_15	IE_NW_36A030900	ADHACASHLAUN_030	River	Review	Review	Unassigned	Unassigned	No			
36_15	IE_NW_36A050500	ANNADALE STREAM_010	River	Not at risk	Not at risk	Good	Good	No			
36_18	IE_NW_36A060400	AGHNACLIFFE STREAM_010	River	Not at risk	Not at risk	Good	Good	No		Aghnacliffe Stream	NFGWS Fostra GWS. Protect function
36_10	IE_NW_36A070600	AVAGHON LAKE STREAM_010	River	At risk	At risk	Poor	Poor	No	Ag, DWW	Avaghon	Existing PAA - requires further LCA
36_21	IE_NW_36B010100	BALLINAGH_010	River	At risk	At risk	Unassigned	Unassigned	No	Ag	Erne (Lower)	Trib of Erne_070 - Include under SC approach
36_23	IE_NW_36B030600	BLACKWATER (SWANLINBAR)_010	River	Not at risk	Not at risk	Unassigned	Unassigned	No			

Subcatchment Code	Waterbody Code	Waterbody Name	Waterbody Type	Risk 10-15	Risk 13-18	Status 10-15	Status 13-18	High Ecological Status Objective Waterbody	Significant Pressures	Recommended Areas for Action Name	Recommended Areas for Action (reasons for selection)
36_6	IE_NW_36B040200	BLACKWATER (NEWTOWNGORE)_010	River	Not at risk	Review	High	Moderate	Yes		Templeport	Expansion of existing PAA - Blue Dot WB in headwaters failing to meet HSO. Consider renaming existing Templeport PAA to Blackwater (Newtowngore) as more reflective of WBs included in expanded PAA. Or separate this WB from other PAA WBs to highlight Blue Dot.
36_6	IE_NW_36B040400	BLACKWATER (NEWTOWNGORE)_020	River	Not at risk	Not at risk	High	Good	No		Templeport	Expansion of existing PAA - Receiving water of both other PAA WBs. Consider renaming existing Templeport PAA to Blackwater (Newtowngore) as more reflective of WBs included in expanded PAA.
36_3	IE_NW_36B050300	BUNNOE_010	River	At risk	At risk	Poor	Poor	No	Ag	Drumgole GWS	At Risk - not proposed. The NFGWS would like to propose that Annaghmckerig Lough is included within a PAA. The lake is used for water abstraction by Drumgole GWS. While the lake is not currently assigned a WFD classification, the downstream waterbodies (Bunnoe_010 & Bunnoe_020) are of 'Poor' water quality and could be targeted for restoration. In addition, restoration of these headwaters would serve to protect the 'Good' status of the downstream Annalee_070
36_3	IE_NW_36B050400	BUNNOE_020	River	At risk	At risk	Poor	Poor	No	Ag		
36_3	IE_NW_36B050500	BUNNOE_030	River	Review	Review	Good	Moderate	No			
36_3	IE_NW_36B050700	BUNNOE_040	River	At risk	At risk	Moderate	Moderate	No	Ag		
36_6	IE_NW_36B070500	BAWNBOY_010	River	Not at risk	Not at risk	High	Good	No			
36_4	IE_NW_36C020300	CAVAN_010	River	At risk	At risk	Poor	Poor	No	Ag, UR	Cavan River	At Risk. Downward monitoring data trends that are significant. River WBs Poor Status Pressures: diffuse urban, urban wastewater (not significant) and agriculture. Additional comment from LA: Focus efforts on Cavan_010 and Cavan_020 and inputting lakes. Omit Annalee_100.

Subcatchment Code	Waterbody Code	Waterbody Name	Waterbody Type	Risk 10-15	Risk 13-18	Status 10-15	Status 13-18	High Ecological Status Objective Waterbody	Significant Pressures	Recommended Areas for Action Name	Recommended Areas for Action (reasons for selection)
36_4	IE_NW_36C020400	CAVAN_020	River	At risk	At risk	Poor	Poor	No	Ag, UR	Cavan River	At Risk. Downward monitoring data trends that are significant. River WBs Poor Status Pressures: diffuse urban, urban wastewater (not significant) and agriculture. Additional comment from LA: Focus efforts on Cavan_010 and Cavan_020 and inputting lakes. Omit Annalee_100.
36_19	IE_NW_36C030300	CULLIES_010	River	At risk	Review	Poor	Good	No		Cullies	Existing PAA - further characterisation required
36_19	IE_NW_36C030550	CULLIES_020	River	Not at risk	Not at risk	Good	Good	No		Cullies	Expansion of existing PAA under SC approach
36_19	IE_NW_36C030600	CULLIES_030	River	At risk	At risk	Poor	Poor	No	Ag, Hymo	Cullies	Expansion of existing PAA under SC approach
36_19	IE_NW_36C030700	CULLIES_040	River	At risk	At risk	Moderate	Poor	No	Ag, For, Other	Cullies	Expansion of existing PAA under SC approach
36_19	IE_NW_36C030900	CULLIES_050	River	At risk	At risk	Poor	Poor	No	Ag, Ind, UWW	Cullies	Expansion of existing PAA under SC approach
36_24	IE_NW_36C040400	CORNAVANNNOGE_010	River	Not at risk	Not at risk	Good	Good	No			
36_24	IE_NW_36C040600	CORNAVANNNOGE_020	River	Not at risk	Not at risk	Good	High	No			
36_12	IE_NW_36D020075	DROMORE_010	River	At risk	At risk	Moderate	Good	No	Ag	Dromore (Upper)	At Risk WB - considered under sub-catchment approach
36_12	IE_NW_36D020090	DROMORE_020	River	At risk	At risk	Moderate	Moderate	No	Ag	Dromore (Upper)	At Risk WB - considered under sub-catchment approach
36_12	IE_NW_36D020150	DROMORE_030	River	At risk	At risk	Poor	Poor	No	Ag, UR	Dromore (Upper)	At Risk WB - considered under sub-catchment approach
36_12	IE_NW_36D020300	DROMORE_040	River	At risk	At risk	Poor	Poor	No	Ag, UR, UWW	Dromore (Upper)	At Risk WB - considered under sub-catchment approach
36_10	IE_NW_36D020500	DROMORE_050	River	At risk	At risk	Moderate	Moderate	No	Ag		
36_10	IE_NW_36D020600	DROMORE_060	River	At risk	At risk	Poor	Poor	No	Ag		
36_10	IE_NW_36D020700	DROMORE_070	River	At risk	At risk	Poor	Poor	No	Ag, UWW		
36_10	IE_NW_36D020900	DROMORE_080	River	Not at risk	Not at risk	Good	Good	No			
36_6	IE_NW_36D070100	DERRADDA STREAM_010	River	Not at risk	Not at risk	Good	Good	No			
36_8	IE_NW_36E010100	ERNE_010	River	At risk	At risk	Poor	Moderate	No	Ag, Hymo	Upper Erne	Existing PAA but LAWPRO expect to achieve Objectives - exit/transition strategy. Source to Tap (Erne) ongoing
36_8	IE_NW_36E010200	ERNE_020	River	At risk	At risk	Poor	Moderate	No	Ag, Hymo, Other	Upper Erne	Existing PAA but LAWPRO expect to achieve Objectives - exit/transition strategy. Source to Tap (Erne) ongoing

Subcatchment Code	Waterbody Code	Waterbody Name	Waterbody Type	Risk 10-15	Risk 13-18	Status 10-15	Status 13-18	High Ecological Status Objective Waterbody	Significant Pressures	Recommended Areas for Action Name	Recommended Areas for Action (reasons for selection)
36_8	IE_NW_36E010400	ERNE_030	River	At risk	At risk	Poor	Poor	No	Ag, Hymo	Upper Erne	Existing PAA but LAWPRO expect to achieve Objectives - exit/transition strategy. Source to Tap (Erne) ongoing
36_8	IE_NW_36E010500	ERNE_040	River	At risk	At risk	Poor	Moderate	No	Ag, Hymo	Upper Erne	Existing PAA but LAWPRO expect to achieve Objectives - exit/transition strategy. Source to Tap (Erne) ongoing
36_8	IE_NW_36E010700	ERNE_050	River	Review	Not at risk	Good	Good	No		Upper Erne	Existing PAA but LAWPRO expect to achieve Objectives - exit/transition strategy. Source to Tap (Erne) ongoing
36_18	IE_NW_36E010900	ERNE_060	River	Review	Not at risk	Good	Good	No			
36_21	IE_NW_36E011100	ERNE_070	River	At risk	At risk	Moderate	Moderate	No	Ag, UWW	Erne (Lower)	Include under SC approach
36_21	IE_NW_36E011300	ERNE_080	River	At risk	At risk	Moderate	Moderate	No	Ag	Erne (Lower)	All river and lake WBs within SC are either Unassigned or Moderate or worse. Cavan CoCo recommend Focus efforts on Erne_080, Annagh and Atrain Drinking water sources and Lough Oughter due to Poor Status and nutrient sensitive area. Note: L. Oughter South poor status. L. Oughter North unassigned. NFGWS also propose for drinking water
36_21	IE_NW_36E011410	ERNE_090	River	At risk	At risk	Moderate	Moderate	No	Ag	Erne (Lower)	Include under SC approach. Also, EPA Pesticide Act and Watch List - Action - Very large catchment size. Included in the APHA pesticide monitoring programme for 2020.
36_21	IE_NW_36E011440	ERNE_100	River	Review	Review	Unassigned	Unassigned	No		Erne (Lower)	Include under SC approach
36_17	IE_NW_36F010200	FINN (MONAGHAN)_020	River	At risk	At risk	Moderate	Moderate	No	Ag		
36_17	IE_NW_36F010400	FINN (MONAGHAN)_030	River	At risk	Review	Moderate	Good	No			
36_14	IE_NW_36F010500	FINN (MONAGHAN)_040	River	At risk	At risk	Moderate	Moderate	No	Ag, Ind, UR, UWW		
36_14	IE_NW_36F170840	FASTRY_010	River	Review	Review	Unassigned	Unassigned	No			
36_14	IE_NW_36G750800	GORTNANA_010	River	At risk	At risk	Unassigned	Unassigned	No	UR		
36_16	IE_NW_36K010100	KNAPPAGH_010	River	At risk	At risk	Unassigned	Unassigned	No	Ag		
36_16	IE_NW_36K010200	KNAPPAGH_020	River	At risk	At risk	Poor	Poor	No	Ag		
36_16	IE_NW_36K010400	KNAPPAGH_030	River	At risk	At risk	Poor	Poor	No	Hymo		
36_16	IE_NW_36K010700	KNAPPAGH_040	River	Not at risk	Not at risk	Good	Good	No			
36_9	IE_NW_36L010030	LARAGH_010	River	Not at risk	At risk	Good	Moderate	No	Ag		

Subcatchment Code	Waterbody Code	Waterbody Name	Waterbody Type	Risk 10-15	Risk 13-18	Status 10-15	Status 13-18	High Ecological Status Objective Waterbody	Significant Pressures	Recommended Areas for Action Name	Recommended Areas for Action (reasons for selection)
36_9	IE_NW_36L010080	LARAGH_020	River	Not at risk	Not at risk	Good	Good	No			
36_9	IE_NW_36L010400	LARAGH_030	River	Not at risk	Not at risk	Good	Good	No			
36_19	IE_NW_36L020800	LAHEEN STREAM_010	River	At risk	At risk	Poor	Poor	No	For, Hymo	Cullies	Expansion of existing PAA - LAWPRO to include under existing Cullies PAA as inputting WB
36_19	IE_NW_36L030300	LEGGA STREAM_010	River	At risk	Review	Moderate	Moderate	No		Legga	At risk waterbody.
36_19	IE_NW_36L030700	LEGGA STREAM_020	River	At risk	At risk	Moderate	Poor	No	Ag, Hymo, Ind	Cullies	Expansion of existing PAA - LAWPRO to include under existing Cullies PAA as inputting WB
36_17	IE_NW_36M010150	MAGHERARNEY_010	River	At risk	At risk	Poor	Poor	No	Ag, DWW, UWW		
36_17	IE_NW_36M010200	MAGHERARNEY_020	River	At risk	At risk	Poor	Poor	No	Ag, UR		
36_11	IE_NW_36M020070	MADABAWN STREAM_010	River	Review	At risk	Good	Moderate	No	Ag		
36_17	IE_NW_36M030900	MAGHERY_010	River	At risk	At risk	Poor	Poor	No	Ag	Maghery	Existing PAA - requires further characterisation
36_17	IE_NW_36M031200	MAGHERY_020	River	At risk	At risk	Poor	Poor	No	Ag, Ind	Maghery	Existing PAA - requires further characterisation
36_12	IE_NW_36M080200	Major Lough Stream_010	River	At risk	At risk	Poor	Poor	No	Other	Dromore (Upper)	At Risk WB - considered under sub-catchment approach
36_18	IE_NW_36M170890	MULRICK_010	River	Review	Review	Unassigned	Unassigned	No			
36_14	IE_NW_36M620820	MAY HILL_010	River	Review	Review	Unassigned	Unassigned	No			
36_7	IE_NW_36N010500	NEWTOWNGORE STREAM_010	River	Review	Review	Unassigned	Unassigned	No		Garadice	Included as inputting to sub-basin of Garadice
36_23	IE_NW_36O010800	OWENSALLAGH_010	River	Not at risk	Not at risk	Good	Good	No			
36_13	IE_NW_36R010600	RAG (CAVAN)_010	River	At risk	At risk	Poor	Poor	No	Ag, Hymo		
36_13	IE_NW_36R010800	RAG (CAVAN)_020	River	Not at risk	Not at risk	Good	Good	No			
36_24	IE_NW_36R020200	ROO_010	River	At risk	At risk	Poor	Moderate	No	Ag, DWW	Lough Macnean	Include with new L Macnean PAA under SC approach, with highlight on Blue Dot site. Ag referrals made d/s monitoring station improved to Q4 2019. FC identified further issues autumn 2019 .Time lag for implementation. FC required upstream of blue dot site within PAA. Blue dot Dropped to Good 13-18
36_23	IE_NW_36S010100	SWANLINBAR_010	River	Not at risk	Not at risk	High	High	Yes		Swanlinbar_Blue Dot	Proposed by EPA as Blue Dot WB requiring protection
36_23	IE_NW_36S010300	SWANLINBAR_020	River	Not at risk	Not at risk	Good	Good	No		Swanlinbar_Blue Dot	Proposed by EPA as d/s of Blue Dot WB and also has HSO
36_9	IE_NW_36S020075	STRADONE_010	River	Not at risk	Not at risk	Good	Good	No			

Subcatchment Code	Waterbody Code	Waterbody Name	Waterbody Type	Risk 10-15	Risk 13-18	Status 10-15	Status 13-18	High Ecological Status Objective Waterbody	Significant Pressures	Recommended Areas for Action Name	Recommended Areas for Action (reasons for selection)
36_9	IE_NW_36S020200	STRADONE_020	River	Not at risk	Not at risk	Good	Good	No			
36_25	IE_NW_36S530890	SESSIAGHKEELTA_010	River	Review	Review	Unassigned	Unassigned	No			
36_6	IE_NW_36T010600	TEMPLEPORT LAKE STREAM_010	River	At risk	At risk	Poor	Poor	No	Ag	Templeport	Existing PAA - requires further characterisation. Consider renaming existing Templeport PAA to Blackwater (Newtowngore) as more reflective of WBs included in expanded PAA.
36_7	IE_NW_36W010180	WOODFORD (CAVAN)_010	River	Review	Review	Unassigned	Unassigned	No		Garadice	Included as sub-basin of Garadice. LA doing a number of farm/septic tank inspections in the area
36_13	IE_NW_36W010400	WOODFORD (CAVAN)_020	River	Not at risk	Not at risk	High	High	Yes		Kildallan GWS_Blue Dot	The NFGWS would like to highlight that the Kildallan GWS groundwater Zone of Contribution is situated within the Woodford(Cavan)_020 and therefore would like to propose its inclusion for selection as a PAA. Blue Dot also
36_15	IE_NW_36Y010200	YELLOW (BALLINAMORE)_010	River	At risk	At risk	Moderate	Moderate	No	For	Yellow (Ballinamore)	Existing PAA but referrals made re forestry - sole significant pressure. Exit/transition strategy
36_15	IE_NW_36Y010400	YELLOW (BALLINAMORE)_020	River	Review	Not at risk	Unassigned	Unassigned	No		Yellow (Ballinamore)	Expansion of Existing PAA
36_7	IE_NW_36Y010620	YELLOW (BALLINAMORE)_030	River	At risk	Review	Unassigned	Unassigned	No		Yellow (Ballinamore)	Expansion of Existing PAA
36_28	IE_WE_35M540870	MULLAGHMORE_010	River	Review	Review	Unassigned	Unassigned	No			
36_20	UKGBNI1NW353504075	County River (Carran West)	River	Review	Review	Unassigned	Unassigned	No		Lough Melvin and Drowes	Existing PAA
36_20	UKGBNI1NW353504076	County River (Lattone)	River	Not at risk	Not at risk	Unassigned	Unassigned	No			
36_27	UKGBNI1NW353504077	BRADOGE_010	River	Not at risk	At risk	Good	Poor	No	Ag		
36_20	UKGBNI1NW353504082	DROWES_010	River	At risk	Review	Moderate	Good	No		Lough Melvin and Drowes	Existing PAA
36_24	UKGBNI1NW363601036	Black River	River	At risk	At risk	Unassigned	Unassigned	No	Ag		
36_1	UKGBNI1NW363601084	Cladagh River	River	Not at risk	Not at risk	Unassigned	Unassigned	No			
36_13	UKGBNI1NW363602029	Derryhooley Tributary	River	Review	Review	Unassigned	Unassigned	No			
36_22	UKGBNI1NW363602063	Upper Lough Erne	River	Review	Review	Unassigned	Unassigned	No			
36_25	UKGBNI1NW363602088	Termon River (Tullynamaltra)	River	Not at risk	Not at risk	Unassigned	Unassigned	No			
36_24	UKGBNI1NW363602092	Belcoo River	River	Not at risk	Not at risk	Unassigned	Unassigned	No		Lough Macnean	Unassigned, NAR - not proposed. NIEA WB. Included as sub-basin of L Macnean

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36_24	UKGBNI1NW363602093	Drumharrieff Burn	River	At risk	At risk	Unassigned	Unassigned	No	Other	Lough Macnean	Unassigned, At Risk - not proposed. NIEA WB. Included as sub-basin of L Macnean
36_23	UKGBNI1NW363602095	Owengarr River	River	Not at risk	Not at risk	Unassigned	Unassigned	No			
36_2	UKGBNI1NW363604053	Colebrooke River (Cooneen)	River	Not at risk	Not at risk	Unassigned	Unassigned	No			
36_23	UKGBNI1NW363604054	Swanlinbar River	River	At risk	At risk	Unassigned	Unassigned	No	Other		
36_25	UKGBNI1NW363604064	Termon River (Pettigoe)	River	At risk	At risk	Unassigned	Unassigned	No	Ag, UWW		
36_14	UKGBNI1NW363604066	Lackey River_010	River	At risk	At risk	Unassigned	Unassigned	No	Ag, UR	Kilroosky Lough Cluster	Expansionof existing PAA - requires further characterisation
36_22	UKGBNI1NW363604067	Starraghen Tributary	River	At risk	At risk	Unassigned	Unassigned	No	Ag		
36_26	UKGBNI1NW363604072	Garvary River	River	Not at risk	Not at risk	Unassigned	Unassigned	No			
36_25	UKGBNI1NW363604078	WATERFOOT_010	River	Not at risk	Not at risk	Good	Good	No			
36_17	UKGBNI1NW363604079	Finn River (Tattymore)	River	Review	Review	Good	Poor	No			
36_14	UKGBNI1NW363604080	FINN (MONAGHAN)_050	River	At risk	At risk	Poor	Poor	No	Ag		
36_22	UKGBNI1NW363604081	ERNE_110	River	Review	Review	Unassigned	Unassigned	No			
36_13	UKGBNI1NW363604083	Woodford River	River	Review	Not at risk	Unassigned	Unassigned	No			
36_17	UKGBNI1NW363604084	FINN (MONAGHAN)_010	River	At risk	At risk	Moderate	Poor	No	Ag, DWW		
36_27	UKGBNI1NW363604085	Erne	River	At risk	At risk	Moderate	Moderate	No	Ag, Hymo, Other		
36_17	IE_NB_03_51	Greagh	Lake	Review	Review	Unassigned	Unassigned	No			
36_17	IE_NB_03_71	Corcaghan	Lake	Review	Review	Unassigned	Unassigned	No			
36_17	IE_NB_03_97	Ballagh	Lake	Review	Review	Unassigned	Unassigned	No			
36_15	IE_NW_26_736	Fenagh	Lake	Review	Review	Unassigned	Unassigned	No			
36_20	IE_NW_35_143	Lattone	Lake	At risk	At risk	Bad	Unassigned	No	For, Other	Lough Melvin and Drowes	Existing PAA
36_20	IE_NW_35_160	Melvin	Lake	At risk	At risk	Moderate	Moderate	No	Other	Lough Melvin and Drowes	Existing PAA
36_25	IE_NW_36_142	Aghalough	Lake	Review	Review	Unassigned	Unassigned	No			
36_14	IE_NW_36_192	Corconnelly	Lake	At risk	At risk	Moderate	Moderate	No	Other		
36_15	IE_NW_36_201	Nabellbeg	Lake	Not at risk	Not at risk	Unassigned	Unassigned	No			
36_13	IE_NW_36_207	Holy	Lake	Review	Review	Unassigned	Unassigned	No			
36_13	IE_NW_36_247	Clonmullig	Lake	Review	Review	Unassigned	Unassigned	No			
36_21	IE_NW_36_261	Bun	Lake	Review	Review	Unassigned	Unassigned	No			
36_17	IE_NW_36_267	Hollywood	Lake	Review	Review	Unassigned	Unassigned	No			
36_11	IE_NW_36_272	Mushlin	Lake	Not at risk	At risk	Good	Moderate	No	Ag		
36_21	IE_NW_36_277	Round	Lake	Review	Review	Unassigned	Unassigned	No			

Subcatchment Code	Waterbody Code	Waterbody Name	Waterbody Type	Risk 10-15	Risk 13-18	Status 10-15	Status 13-18	High Ecological Status Objective Waterbody	Significant Pressures	Recommended Areas for Action Name	Recommended Areas for Action (reasons for selection)
36_17	IE_NW_36_278	Black Fermanagh	Lake	Review	Review	Unassigned	Unassigned	No			
36_14	IE_NW_36_301	Burdautiers	Lake	Review	Review	Unassigned	Unassigned	No		Kilroosky Lough Cluster	Existing PAA - requires further characterisation
36_8	IE_NW_36_316	Graddum	Lake	Review	Review	Unassigned	Unassigned	No		Upper Erne	Unassigned Lake , short term further characterisation required. Group Water Scheme supply. Source to Tap (Erne) ongoing
36_21	IE_NW_36_318	Corrarod	Lake	Review	Review	Unassigned	Unassigned	No			
36_21	IE_NW_36_324	Cornaseer	Lake	Review	Review	Unassigned	Unassigned	No			
36_17	IE_NW_36_329	Killcoran	Lake	Not at risk	Not at risk	Good	Good	No			
36_16	IE_NW_36_331	Cornalara	Lake	Review	Review	Unassigned	Unassigned	No			
36_16	IE_NW_36_336	Mill MN	Lake	Review	Review	Unassigned	Unassigned	No			
36_14	IE_NW_36_339	Ramages	Lake	Review	Review	Unassigned	Unassigned	No			
36_14	IE_NW_36_343	Drumgorry	Lake	Review	Review	Unassigned	Unassigned	No			
36_18	IE_NW_36_346	Naback	Lake	Review	Review	Unassigned	Unassigned	No			
36_10	IE_NW_36_349	Drumsaul	Lake	Review	Review	Unassigned	Unassigned	No			
36_16	IE_NW_36_363	Tacker	Lake	At risk	At risk	Poor	Poor	No	Ag	Annalee (East)	Proposed by Cavan CoCo - At Risk and potential for quick win
36_21	IE_NW_36_367	Commons	Lake	Review	Review	Unassigned	Unassigned	No			
36_14	IE_NW_36_368	Dummys	Lake	Review	Review	Unassigned	Unassigned	No		Kilroosky Lough Cluster	Existing PAA - requires further characterisation
36_22	IE_NW_36_369	Derryhoo	Lake	Review	Review	Unassigned	Unassigned	No			
36_9	IE_NW_36_378	Asturrall	Lake	Review	Review	Unassigned	Unassigned	No			
36_12	IE_NW_36_382	Toome Crinkill	Lake	Review	Review	Unassigned	Unassigned	No		Dromore (Upper)	Unassigned lake is used for water abstraction by Doohamlet GWS - The NFGWS would like to propose that Crinkill Lough is included within a PAA. The lake is used for water abstraction by Doohamlet GWS. While the lake is not currently assigned a WFD classification, the downstream waterbodies (Lough Major Stream_010 & Dromore_040) are of 'Poor' water quality and could be targeted for restoration. It should be noted that the Crinkill Lough catchment forms part of the White Lough / Stranooden GWS catchment.
36_13	IE_NW_36_385	Cullinaghan	Lake	At risk	At risk	Moderate	Moderate	No	Ag		
36_21	IE_NW_36_386	Derrygeeraghan	Lake	Review	Review	Unassigned	Unassigned	No			
36_13	IE_NW_36_391	Anoneen	Lake	Review	Review	Unassigned	Unassigned	No			
36_14	IE_NW_36_394	Drumlaney	Lake	Review	Review	Unassigned	Unassigned	No			

Subcatchment Code	Waterbody Code	Waterbody Name	Waterbody Type	Risk 10-15	Risk 13-18	Status 10-15	Status 13-18	High Ecological Status Objective Waterbody	Significant Pressures	Recommended Areas for Action Name	Recommended Areas for Action (reasons for selection)
36_21	IE_NW_36_400	Derrybrick	Lake	At risk	At risk	Moderate	Moderate	No	Ag	Erne (Lower)	The NFGWS would like to propose that Derrybrick Lough is included within a PAA. The lake is used for water abstraction by Milltown GWS. Derrybrick Lough is currently classified as being of 'Moderate' status and merits restoration. During periods of heavy rainfall Derrybrick Lough is hydrologically linked with the Lough Oughter catchment complex. Lough Oughter is currently classified as being of 'Poor' water quality status. In addition, Derrybrick Lough is located within the Lough Oughter SAC / SPA.
36_10	IE_NW_36_402	Drum	Lake	Review	Review	Unassigned	Unassigned	No			
36_3	IE_NW_36_409	Killynenagh	Lake	Review	Review	Unassigned	Unassigned	No		Bunnoe GWS	The NFGWS would like to propose that Killynenagh Lough is included within a PAA on the basis of Public Health. The lake is used for water abstraction by Bunnoe GWS. While the lake is not currently assigned a WFD classification, the downstream waterbody (Bunnoe_30) is of 'Moderate' water quality and could be targeted for Restoration. In addition, restoration of these headwaters would serve to protect the 'Good' status of the downstream Annalee_070
36_13	IE_NW_36_410	Tomkinroad	Lake	Review	Review	Unassigned	Unassigned	No			
36_10	IE_NW_36_415	Drumgole	Lake	Review	Review	Unassigned	Unassigned	No			
36_9	IE_NW_36_420	Naglare	Lake	Review	Review	Unassigned	Unassigned	No			
36_16	IE_NW_36_421	Annaghierin	Lake	Review	Review	Unassigned	Unassigned	No			
36_25	IE_NW_36_423	Avehy	Lake	Not at risk	Not at risk	Unassigned	Unassigned	No			
36_19	IE_NW_36_430	Garty	Lake	At risk	At risk	Moderate	Moderate	No	Ag	Cullies	Expansion of existing PAA under SC approach
36_21	IE_NW_36_432	Ardan	Lake	At risk	At risk	Moderate	Moderate	No	Ag		
36_22	IE_NW_36_441	Grilly	Lake	Review	Review	Unassigned	Unassigned	No			
36_22	IE_NW_36_444	Edenterriff	Lake	Review	Review	Unassigned	Unassigned	No			

Subcatchment Code	Waterbody Code	Waterbody Name	Waterbody Type	Risk 10-15	Risk 13-18	Status 10-15	Status 13-18	High Ecological Status Objective Waterbody	Significant Pressures	Recommended Areas for Action Name	Recommended Areas for Action (reasons for selection)
36_24	IE_NW_36_445	Lower Lough Macnean	Lake	At risk	At risk	Bad	Bad	No	Other, UWW	Lough Macnean	Upper/Lower proposed by Leitrim as one - Lough MacNean offers a cross border opportunity for the enhancement of this Lake; the Border runs in a North -South direction through the Lake. This Lake has both a 'High Visual Amenity' and an 'Outstanding Views and Prospects' designation in the County Development Plan. There is also a proposed NHA designation for its southern shore area.
36_8	IE_NW_36_448	Kill	Lake	Review	Review	Unassigned	Unassigned	No		Upper Erne	Unassigned Lake , short term further characterisation required. Source to Tap (Erne) ongoing
36_21	IE_NW_36_458	Tonawolly	Lake	Review	Review	Unassigned	Unassigned	No			
36_10	IE_NW_36_460	Coragh	Lake	Review	Review	Unassigned	Unassigned	No			
36_21	IE_NW_36_465	Parisee	Lake	Review	Review	Unassigned	Unassigned	No			
36_13	IE_NW_36_468	Clonty	Lake	Review	Review	Unassigned	Unassigned	No			
36_13	IE_NW_36_470	Corraback	Lake	Review	Review	Unassigned	Unassigned	No			
36_22	IE_NW_36_472	Faharlagh	Lake	Review	Review	Unassigned	Unassigned	No			
36_21	IE_NW_36_476	Tullyroan	Lake	Review	Review	Unassigned	Unassigned	No			
36_21	IE_NW_36_477	Black CN	Lake	Review	Review	Unassigned	Unassigned	No			
36_13	IE_NW_36_486	Killynaher	Lake	Review	Review	Unassigned	Unassigned	No			
36_14	IE_NW_36_489	Killybandrick	Lake	Review	Review	Unassigned	Unassigned	No			
36_21	IE_NW_36_490	Drumellis	Lake	Review	Review	Unassigned	Unassigned	No			
36_13	IE_NW_36_500	Long	Lake	Review	Review	Unassigned	Unassigned	No			
36_21	IE_NW_36_504	Drumlane or Garfinny	Lake	Review	Review	Unassigned	Unassigned	No			
36_21	IE_NW_36_505	Putigan	Lake	Review	Review	Unassigned	Unassigned	No			
36_13	IE_NW_36_513	Kilywilly	Lake	Review	Review	Unassigned	Unassigned	No			
36_9	IE_NW_36_515	Acanon	Lake	Review	Review	Unassigned	Unassigned	No			
36_21	IE_NW_36_517	Annagh	Lake	At risk	At risk	Moderate	Moderate	No	Ag	Erne (Lower)	All river and lake WBs within SC are either Unassigned or Moderate or worse. Cavan CoCo recommend Focus efforts on Erne_080, Annagh and Atrain Drinking water sources and Lough Oughter due to Poor Status and nutrient sensitive area. Note: L. Oughter South poor status. L. Oughter North unassigned. Also proposed by NFGWS for Annagh GWS
36_21	IE_NW_36_521	Drummany	Lake	Review	Review	Unassigned	Unassigned	No			
36_10	IE_NW_36_525a	Drumore	Lake	At risk	At risk	Poor	Moderate	No	Ag		
36_10	IE_NW_36_525b	Drumlona	Lake	At risk	At risk	Poor	Poor	No	Ag, Other		
36_10	IE_NW_36_526	Inner	Lake	At risk	At risk	Bad	Poor	No	Ag		

Subcatchment Code	Waterbody Code	Waterbody Name	Waterbody Type	Risk 10-15	Risk 13-18	Status 10-15	Status 13-18	High Ecological Status Objective Waterbody	Significant Pressures	Recommended Areas for Action Name	Recommended Areas for Action (reasons for selection)
36_16	IE_NW_36_528	Sillan	Lake	At risk	At risk	Poor	Poor	No	Ag, Ind, Other, UWW	Annalee (East)	Proposed by Cavan CoCo - At Risk and potential for quick win
36_4	IE_NW_36_554	Beaghy	Lake	Review	Review	Unassigned	Unassigned	No		Cavan River	Included under SC approach
36_19	IE_NW_36_559	Aghabane	Lake	Review	Review	Unassigned	Unassigned	No		Cullies	Expansion of existing PAA under SC approach. Unassigned lake - further characterisation required
36_21	IE_NW_36_561	Tully CN	Lake	Review	Review	Unassigned	Unassigned	No			
36_4	IE_NW_36_564	Farnharn	Lake	At risk	At risk	Bad	Moderate	No	Ag, Other	Cavan River	Included under SC approach
36_21	IE_NW_36_565	Pleasure	Lake	Review	Review	Unassigned	Unassigned	No			
36_19	IE_NW_36_573	Bawn CN	Lake	At risk	At risk	Moderate	Moderate	No	Ag	Cullies	Expansion of existing PAA under SC approach
36_19	IE_NW_36_574	Town	Lake	Review	Review	Unassigned	Unassigned	No		Cullies	Expansion of existing PAA under SC approach. Unassigned lake - further characterisation required
36_19	IE_NW_36_575	Derry	Lake	Review	Review	Unassigned	Unassigned	No		Cullies	Expansion of existing PAA under SC approach. Unassigned lake - further characterisation required
36_6	IE_NW_36_577	Brackley	Lake	Not at risk	Not at risk	Unassigned	Unassigned	No			
36_4	IE_NW_36_580	Derrygid	Lake	At risk	At risk	Unassigned	Unassigned	No	Ag	Cavan River	Included under SC approach
36_21	IE_NW_36_581	Broompark	Lake	Review	Review	Unassigned	Unassigned	No			
36_19	IE_NW_36_597	Mill CN	Lake	At risk	At risk	Moderate	Moderate	No	Ag	Cullies	Expansion of existing PAA under SC approach
36_19	IE_NW_36_599	Derreskit	Lake	Review	Review	Unassigned	Unassigned	No		Cullies	Expansion of existing PAA under SC approach. Unassigned lake - further characterisation required
36_21	IE_NW_36_603	Deraik	Lake	Review	Review	Unassigned	Unassigned	No			
36_15	IE_NW_36_614	Drumlaheen	Lake	At risk	At risk	Poor	Moderate	No	Ag		
36_19	IE_NW_36_615	Glasshouse	Lake	At risk	At risk	Bad	Poor	No	Ag, For	Cullies	Expansion of existing PAA under SC approach
36_21	IE_NW_36_618	Atrain	Lake	At risk	At risk	Moderate	Moderate	No	Ag	Erne (Lower)	All river and lake WBs within SC are either Unassigned or Moderate or worse. Cavan CoCo recommend Focus efforts on Erne_080, Annagh and Atrain Drinking water sources and Lough Oughter due to Poor Status and nutrient sensitive area. Note: L. Oughter South poor status. L. Oughter North unassigned.
36_16	IE_NW_36_623	Bawn MN	Lake	At risk	At risk	Bad	Poor	No	Ag		

Subcatchment Code	Waterbody Code	Waterbody Name	Waterbody Type	Risk 10-15	Risk 13-18	Status 10-15	Status 13-18	High Ecological Status Objective Waterbody	Significant Pressures	Recommended Areas for Action Name	Recommended Areas for Action (reasons for selection)
36_6	IE_NW_36_624	Bunerky	Lake	At risk	At risk	Moderate	Moderate	No	Ag, Other	Templeport	Existing PAA - requires further characterisation. Consider renaming existing Templeport PAA to Blackwater (Newtowngore) as more reflective of WBs included in expanded PAA.
36_21	IE_NW_36_628	Carrs	Lake	Review	Review	Unassigned	Unassigned	No			
36_19	IE_NW_36_632	Disert	Lake	Review	Review	Unassigned	Unassigned	No		Cullies	Expansion of existing PAA under SC approach. Unassigned lake - further characterisation required
36_4	IE_NW_36_633	Coalpit	Lake	At risk	At risk	Unassigned	Unassigned	No	Ag	Cavan River	Included under SC approach
36_16	IE_NW_36_635	Baraghy	Lake	Review	Review	Unassigned	Unassigned	No			
36_10	IE_NW_36_638	Avaghon	Lake	At risk	At risk	Moderate	Moderate	No	Ag, DWW	Avaghon	Existing PAA - requires further LCA
36_21	IE_NW_36_640	Tullyguide	Lake	Review	Review	Unassigned	Unassigned	No			
36_12	IE_NW_36_641	Creeve	Lake	Review	Review	Unassigned	Unassigned	No		Dromore (Upper)	Unassigned lake considered under sub-catchment approach
36_15	IE_NW_36_642	St Johns	Lake	Review	Review	Unassigned	Unassigned	No			
36_10	IE_NW_36_647	White Rockcorry	Lake	At risk	At risk	Poor	Poor	No	Ag, UR		
36_7	IE_NW_36_648	Garadice	Lake	At risk	At risk	Poor	Moderate	No	Ag, DWW, Hymo	Garadice	Proposed by LA - recent improvement from Poor to Mod. Important tourist attraction and categorised as an area of high visual amenity on the County Development Plan.
36_26	IE_NW_36_651	Tullynassidagh	Lake	At risk	At risk	Moderate	Moderate	No	Peat		
36_21	IE_NW_36_652	Inchin	Lake	Review	Review	Unassigned	Unassigned	No			
36_21	IE_NW_36_655	Corglass	Lake	At risk	At risk	Bad	Bad	No	Ag		
36_21	IE_NW_36_657	Oughter South	Lake	At risk	At risk	Moderate	Poor	No	Ag, DWW	Erne (Lower)	All river and lake WBs within SC are either Unassigned or Moderate or worse. Cavan CoCo recommend Focus efforts on Erne_080, Annagh and Atrain Drinking water sources and Lough Oughter due to Poor Status and nutrient sensitive area. Note: L. Oughter South poor status. L. Oughter North unassigned.
36_21	IE_NW_36_661	Oughter North	Lake	Review	Review	Unassigned	Unassigned	No		Erne (Lower)	All river and lake WBs within SC are either Unassigned or Moderate or worse. Cavan CoCo recommend Focus efforts on Erne_080, Annagh and Atrain Drinking water sources and Lough Oughter due to Poor Status and nutrient sensitive area. Note: L. Oughter South poor status. L. Oughter North unassigned.
36_15	IE_NW_36_665	Scur	Lake	At risk	At risk	Moderate	Poor	No	Ag, Hymo		

Subcatchment Code	Waterbody Code	Waterbody Name	Waterbody Type	Risk 10-15	Risk 13-18	Status 10-15	Status 13-18	High Ecological Status Objective Waterbody	Significant Pressures	Recommended Areas for Action Name	Recommended Areas for Action (reasons for selection)
36_14	IE_NW_36_669	Killrosky	Lake	Review	Review	Unassigned	Unassigned	No		Kilroosky Lough Cluster	Existing PAA - requires further characterisation
36_16	IE_NW_36_671	Egish	Lake	At risk	At risk	Bad	Bad	No	Ag, Other		
36_14, 36_22	IE_NW_36_672	Erne Upper	Lake	At risk	At risk	Poor	Poor	No	Ag		
36_24	IE_NW_36_673	Macnean Upper	Lake	At risk	At risk	Moderate	Poor	No	Ag, For	Lough Macnean	Upper/Lower proposed by Leitrim as one - Lough MacNean offers a cross border opportunity for the enhancement of this Lake; the Border runs in a North -South direction through the Lake. This Lake has both a 'High Visual Amenity' and an 'Outstanding Views and Prospects' designation in the County Development Plan. There is also a proposed NHA designation for its southern shore area.
36_14, 36_22	IE_NW_36_677	Castle CN	Lake	Review	Review	Unassigned	Unassigned	No			
36_16	IE_NW_36_684	Namachree	Lake	Review	Review	Unassigned	Unassigned	No			
36_27	IE_NW_36_706	Gorman	Lake	Not at risk	Not at risk	Good	Good	No			
36_27	IE_NW_36_710	Columbkille	Lake	Review	Review	Unassigned	Unassigned	No			
36_26	IE_NW_36_711	Vearty	Lake	Not at risk	Not at risk	Good	Good	No			
36_27	IE_NW_36_712	Unshin	Lake	Not at risk	Review	Good	Good	No			
36_27	IE_NW_36_715	Golagh	Lake	At risk	At risk	Moderate	Moderate	No	Other		
36_27	IE_NW_36_717	Assaroe	Lake	Review	Review	Unassigned	Unassigned	No			
36_22	IE_NW_36_718	Kilylea	Lake	Review	Review	Unassigned	Unassigned	No			
36_22	IE_NW_36_719	Quivvy	Lake	Review	Review	Unassigned	Unassigned	No			
36_22	IE_NW_36_720	Derrykerrib	Lake	Review	Review	Unassigned	Unassigned	No			
36_14	IE_NW_36_721	Summerhill	Lake	At risk	At risk	Moderate	Unassigned	No	Ag	Kilroosky Lough Cluster	Existing PAA - requires further characterisation
36_18	IE_NW_36_723	Gowna North	Lake	At risk	At risk	Bad	Poor	No	Ag		
36_18	IE_NW_36_724	Gowna South	Lake	At risk	At risk	Poor	Moderate	No	Ag, Other		
36_7	IE_NW_36_725	Derrycassan West	Lake	Review	Review	Unassigned	Unassigned	No		Garadice	Included as sub-basin of Garadice. LA doing a number of farm/septic tank inspections in the area
36_7	IE_NW_36_726	Derrycassan Mid	Lake	At risk	At risk	Poor	Poor	No	Ag	Garadice	Included as sub-basin of Garadice. LA doing a number of farm/septic tank inspections in the area
36_7	IE_NW_36_727	Derrycassan East	Lake	Review	Review	Unassigned	Unassigned	No		Garadice	Included as sub-basin of Garadice. LA doing a number of farm/septic tank inspections in the area
36_25, 36_26	UKGBNI3NW0006	Erne Lower Kesh	Lake	Review	Review	Unassigned	Unassigned	No			

Subcatchment Code	Waterbody Code	Waterbody Name	Waterbody Type	Risk 10-15	Risk 13-18	Status 10-15	Status 13-18	High Ecological Status Objective Waterbody	Significant Pressures	Recommended Areas for Action Name	Recommended Areas for Action (reasons for selection)
35_3, 36_20, 36_27, 36_28, 37_1, 37_2, 37_3, 37_5	IE_NW_010_0000	Donegal Bay (Erne)	Coastal	Not at risk	Not at risk	Unassigned	Unassigned	No			
36_20, 36_27	IE_NW_020_0000	Bundoran Bay	Coastal	Review	Review	Unassigned	Unassigned	No			
36_28	IE_NW_010_0100	Duff Estuary	Transitional	Not at risk	Not at risk	Unassigned	Unassigned	No			
36_20	IE_NW_020_0100	Drowes Estuary	Transitional	Review	Not at risk	Unassigned	Unassigned	No			
36_27	IE_NW_030_0100	Erne Estuary	Transitional	At risk	Not at risk	Moderate	Good	No			
36_25, 36_27	GBNI4NW008	Ederney	Groundwater	Not at risk	Not at risk	Good	Good	No			
36_24	GBNI4NW020	Belcoo Boho	Groundwater	Not at risk	At risk	Good	Poor	No	Other		
36_1, 36_22, 36_23, 36_24	GBNI4NW022	Florence Court-Drumgormley	Groundwater	Not at risk	Not at risk	Good	Good	No			
06_3, 06_7, 07_10, 07_13, 07_14, 07_5, 07_8, 26F_3, 26F_6, 36_11, 36_16, 36_9	IE_EA_G_006	Bailieborough	Groundwater	Review	Not at risk	Good	Good	No			
03_2, 03_6, 36_17	IE_NB_G_013	Tydavnet	Groundwater	Not at risk	Review	Good	Good	No			
36_27, 37_1	IE_NW_G_018	Kildoney North	Groundwater	Not at risk	Not at risk	Good	Good	No			
26A_5, 35_8, 36_20, 36_24	IE_NW_G_042	Glenfarne	Groundwater	Not at risk	Not at risk	Good	Good	No			
35_8, 36_20, 36_28	IE_NW_G_043	Glenaniff	Groundwater	Review	Review	Good	Good	No			
35_3, 36_20, 36_28	IE_NW_G_045	Largydonnell	Groundwater	Not at risk	Not at risk	Good	Good	No			
35_3, 36_20, 36_28	IE_NW_G_046	Ballaghnastrillick	Groundwater	Not at risk	Not at risk	Good	Good	No			
01_1, 01_3, 01_5, 36_25, 36_26, 36_27, 37_1, 37_2, 37_3, 37_4, 37_5, 38_4, 38_9	IE_NW_G_047	Donegal South	Groundwater	Not at risk	Not at risk	Good	Good	No			
03_5, 03_6, 06_5, 06_7, 06_8, 07_10, 07_5, 26C_2, 26C_4, 26C_6, 26F_3, 26F_6, 26F_7, 36_10, 36_11, 36_12, 36_14, 36_16, 36_17, 36_18, 36_19, 36_21, 36_3, 36_4, 36_5, 36_8, 36_9	IE_NW_G_061	Cavan	Groundwater	Review	Not at risk	Good	Good	No			

Subcatchment Code	Waterbody Code	Waterbody Name	Waterbody Type	Risk 10-15	Risk 13-18	Status 10-15	Status 13-18	High Ecological Status Objective Waterbody	Significant Pressures	Recommended Areas for Action Name	Recommended Areas for Action (reasons for selection)
26C_4, 36_13, 36_19, 36_21, 36_4, 36_5, 36_7	IE_NW_G_062	Killashandra	Groundwater	Not at risk	Not at risk	Good	Good	No			
36_27, 37_1, 37_2	IE_NW_G_071	Donegal-Ballintra	Groundwater	Not at risk	Not at risk	Good	Good	No			
36_27, 37_1	IE_NW_G_072	Ballyshannon	Groundwater	Not at risk	Not at risk	Good	Good	No			
35_13, 35_8, 36_28	IE_NW_G_073	Tievebaun	Groundwater	Review	Review	Good	Good	No			
35_8, 36_20, 36_24	IE_NW_G_074	Kiltyclogher	Groundwater	Not at risk	Not at risk	Good	Good	No			
36_19, 36_7	IE_NW_G_080	Industrial Facility (P0333-01)	Groundwater	Not at risk	Not at risk	Good	Good	No			
36_27	IE_NW_G_095	GWDTE-Dunmuckrum Turlough (SAC002303)	Groundwater	Review	Review	Good	Good	No			
36_27, 37_1	IE_NW_G_100	Waste Facility (W0024-03)	Groundwater	At risk	At risk	Poor	Poor	No	Other		
36_12	IE_NW_G_101	Historic Waste Facility (S22-02454)	Groundwater	Review	Not at risk	Good	Good	No			
26A_3, 26B_1, 26B_2, 26B_3, 26B_4, 26B_5, 26B_6, 26C_10, 26C_11, 26C_12, 26C_3, 26C_4, 26C_5, 26D_7, 26D_9, 26E_3, 34_4, 36_15	IE_SH_G_048	Carrick on Shannon	Groundwater	At risk	Review	Good	Good	No			
26A_2, 26A_3, 26A_6, 26B_2, 26B_3, 26B_4, 26B_5, 26B_6, 26C_11, 34_1, 34_17, 34_18, 35_7, 35_9, 36_15	IE_SH_G_073	Curlew Mountains	Groundwater	Review	Not at risk	Good	Good	No			
26A_2, 26A_3, 26A_6, 35_9, 36_15	IE_SH_G_105	Geevagh	Groundwater	At risk	At risk	Good	Good	No	Ag		
07_10, 07_12, 07_13, 07_7, 07_9, 25A_10, 25A_8, 25A_9, 25B_2, 26C_1, 26C_6, 26C_7, 26E_1, 26E_4, 26E_6, 26F_1, 26F_10, 26F_2, 26F_3, 26F_4, 26F_5, 26F_6, 26F_7, 26F_8, 26F_9, 26G_1, 26G_2, 26G_3, 36_18, 36_8, 36_9	IE_SH_G_110	Inny	Groundwater	Review	Not at risk	Good	Good	No			
26C_1, 26C_2, 26C_4, 26C_6, 26C_7, 26C_9, 26E_1, 26F_10, 26F_7, 26F_8, 36_18, 36_19	IE_SH_G_149	Longford Ballinalee	Groundwater	Review	Not at risk	Good	Good	No			

Subcatchment Code	Waterbody Code	Waterbody Name	Waterbody Type	Risk 10-15	Risk 13-18	Status 10-15	Status 13-18	High Ecological Status Objective Waterbody	Significant Pressures	Recommended Areas for Action Name	Recommended Areas for Action (reasons for selection)
26C_10, 26C_2, 26C_4, 26C_5, 26C_9, 36_15, 36_19, 36_7	IE_SH_G_171	Mohill	Groundwater	Not at risk	Not at risk	Good	Good	No			
35_1, 35_10, 35_13, 35_3, 35_8, 36_28	IE_WE_G_0044	Drumcliff-Strandhill	Groundwater	Review	Review	Good	Good	No			
35_2, 35_6, 35_8, 36_20	IE_WE_G_0055	Killarga	Groundwater	Not at risk	Not at risk	Good	Good	No			
35_2, 35_6, 35_8, 35_9, 36_20, 36_24	IE_WE_G_0056	Killarga South	Groundwater	Not at risk	Not at risk	Good	Good	No			
35_8, 36_20, 36_28	IE_WE_G_0059	Glenade	Groundwater	Review	Not at risk	Good	Good	No			
35_13, 35_3, 35_8, 36_20, 36_28	IE_WE_G_0060	Glencar	Groundwater	Review	Review	Good	Good	No			
35_3, 36_28	IE_WE_G_0062	Grange East	Groundwater	Not at risk	Not at risk	Good	Good	No			
26A_5, 35_6, 35_8, 36_24	IE_WE_G_0111	North Belhavel Lough	Groundwater	Not at risk	Not at risk	Good	Good	No			
03_2, 03_3, 03_4, 03_5, 03_6, 36_2	IEGBNI_NB_G_007	Aughnacloy	Groundwater	Not at risk	Not at risk	Good	Good	No			
03_1, 03_5, 03_6, 06_2, 06_8, 36_10, 36_12, 36_17, 36_3	IEGBNI_NB_G_011	Keady	Groundwater	Review	Not at risk	Good	Good	No			
03_2, 03_5, 03_6, 36_17	IEGBNI_NB_G_012	Monaghan Town	Groundwater	Not at risk	Not at risk	Good	Good	No			
03_2, 03_3, 03_6, 36_17, 36_2	IEGBNI_NB_G_014	Knockatallon	Groundwater	Not at risk	Not at risk	Good	Good	No			
03_1, 03_5, 06_1, 06_10, 06_11, 06_12, 06_13, 06_14, 06_15, 06_2, 06_3, 06_4, 06_5, 06_6, 06_7, 06_8, 06_9, 07_14, 07_15, 07_17, 07_18, 07_5, 36_12, 36_16	IEGBNI_NB_G_019	Louth	Groundwater	Review	Not at risk	Good	Good	No			
01_1, 01_3, 01_4, 01_5, 01_7, 36_25, 37_1, 37_2	IEGBNI_NW_G_005	Castlederg	Groundwater	Not at risk	Not at risk	Good	Good	No			
36_25, 36_26	IEGBNI_NW_G_009	Pettigo	Groundwater	Not at risk	Not at risk	Good	Good	No			
36_25	IEGBNI_NW_G_010	Crilly	Groundwater	Not at risk	Not at risk	Good	Good	No			
01_5, 36_25, 36_26, 36_27, 37_1	IEGBNI_NW_G_011	Ballyshannon East	Groundwater	Not at risk	Not at risk	Good	Good	No			
36_26, 36_27	IEGBNI_NW_G_012	Ballyshannon South	Groundwater	Not at risk	Not at risk	Good	Good	No			

Subcatchment Code	Waterbody Code	Waterbody Name	Waterbody Type	Risk 10-15	Risk 13-18	Status 10-15	Status 13-18	High Ecological Status Objective Waterbody	Significant Pressures	Recommended Areas for Action Name	Recommended Areas for Action (reasons for selection)
36_20, 36_27	IEGBNI_NW_G_013	Bundoran	Groundwater	Not at risk	Not at risk	Good	Good	No			
35_3, 36_20, 36_27, 36_28	IEGBNI_NW_G_014	Tullaghan-Lough Melvin	Groundwater	Not at risk	Not at risk	Good	Good	No			
36_20, 36_26, 36_27	IEGBNI_NW_G_015	Castlecaldwell Forest	Groundwater	Not at risk	Not at risk	Good	Good	No			
35_8, 36_20, 36_27	IEGBNI_NW_G_017	Kilcoo	Groundwater	Not at risk	Not at risk	Good	Good	No			
26A_5, 36_20, 36_24	IEGBNI_NW_G_021	Ballintempo	Groundwater	Not at risk	Not at risk	Good	Good	No			
03_3, 03_6, 36_17, 36_2	IEGBNI_NW_G_025	Cooneen Water	Groundwater	Not at risk	Not at risk	Good	Good	No			
36_14, 36_17	IEGBNI_NW_G_027	Donagh	Groundwater	Not at risk	Not at risk	Good	Good	No			
03_6, 36_14, 36_17, 36_22	IEGBNI_NW_G_028	Magheraveely	Groundwater	Not at risk	Not at risk	Good	Good	No			
36_13, 36_14, 36_17, 36_22	IEGBNI_NW_G_030	Crom Castle	Groundwater	Review	Not at risk	Good	Good	No			
26A_3, 26A_6, 26C_10, 26C_4, 36_13, 36_14, 36_15, 36_19, 36_21, 36_22, 36_23, 36_6, 36_7	IEGBNI_NW_G_031	Newtown-Ballyconnell	Groundwater	Not at risk	Not at risk	Good	Good	No			
36_13, 36_22	IEGBNI_NW_G_032	Derrylin	Groundwater	Not at risk	Not at risk	Good	Good	No			
36_13, 36_22, 36_23, 36_6	IEGBNI_NW_G_033	Slieve Rushen South	Groundwater	Not at risk	Not at risk	Good	Good	No			
36_15, 36_22, 36_23, 36_6, 36_7	IEGBNI_NW_G_034	Ballinamore-Swanlinbar	Groundwater	Not at risk	Not at risk	Good	Good	No			
26A_5, 26A_6, 36_1, 36_15, 36_23, 36_6, 36_7	IEGBNI_NW_G_035	Anierin-Cuilcagh East	Groundwater	Not at risk	Not at risk	Good	Good	No			
26A_5, 36_1, 36_23, 36_24	IEGBNI_NW_G_036	Marble Arch	Groundwater	Not at risk	Not at risk	Good	Good	No			
36_13, 36_22, 36_23, 36_6	IEGBNI_NW_G_039	Slieve Rushen	Groundwater	Not at risk	Not at risk	Good	Good	No			
26A_5, 36_1, 36_23	IEGBNI_NW_G_040	Claddagh-Swanlinbar	Groundwater	Not at risk	Not at risk	Good	Good	No			
35_13, 35_3, 35_8, 36_20, 36_27, 36_28	IEGBNI_NW_G_044	Rossinver	Groundwater	Review	Review	Good	Good	No			
03_6, 36_13, 36_14, 36_17, 36_21, 36_22	IEGBNI_NW_G_063	Clones	Groundwater	Review	Not at risk	Good	Good	No			

Subcatchment Code	Waterbody Code	Waterbody Name	Waterbody Type	Risk 10-15	Risk 13-18	Status 10-15	Status 13-18	High Ecological Status Objective Waterbody	Significant Pressures	Recommended Areas for Action Name	Recommended Areas for Action (reasons for selection)
26A_1, 26A_2, 26A_3, 26A_4, 26A_5, 26A_6, 35_6, 35_8, 35_9, 36_1, 36_15, 36_23, 36_24, 36_6	IEGBNI_SH_G_002	Lough Allen Uplands	Groundwater	Not at risk	Not at risk	Good	Good	No			
26A_5, 36_1, 36_24	IEGBNI_SH_G_003	Shannon Pot	Groundwater	Not at risk	Not at risk	Good	Good	No			
26A_3, 26A_5, 36_1, 36_24	IEGBNI_SH_G_264	Glenade Dowra	Groundwater	Not at risk	Not at risk	Good	Good	No			

Ag: Agriculture

M+Q: Mines and Quarries

DWW: Domestic Waste Water

Peat: Peat Drainage and Extraction

For: Forestry

UR: Urban Run-off

Hymo: Hydromorphology

UWW: Urban Waste Water

Ind: Industry

Note: Significant Pressures for Review water bodies have not been included as they will need to be confirmed as part of an Investigative Assessment.