

From: [REDACTED]
Sent: Monday, August 2, 2021 3:04 PM
To: [REDACTED]
Cc: [REDACTED]
Subject: FW: Investigative Electro-fishing Surveys on the Curraghinalt Burn & Pollanroe Burn_10_06_2021

Dear All

Please find attached the report on the fish survey of the Curraghinalt and Pollen Roe Burns.

This has just come across my desk and although we have a further meeting arranged for Wednesday on consent standards, I propose to postpone that meeting to give both parties an opportunity to consider the attached and any implications for the way forward before we reconvene. Furthermore the consents team are juggling a number of priorities and other work areas, alongside leave arrangements over the last week or so, and the available time to reconsider the modelling and figures provided by [REDACTED] after the last meeting has been limited. We feel it would be more productive to hold off meeting again for a couple of weeks, to facilitate a constructive dialogue.

I hope this is agreeable and I will come back to you asap with an alternative date.

With best regards

[REDACTED]

[REDACTED] | Water Regulation: Industrial and Domestic Consents|
Northern Ireland Environment Agency |17 Antrim Road|
Tonagh|Lisburn| Co. Antrim| BT28 3AL
+44 (0) 28 90 [REDACTED] | [REDACTED]



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From: [REDACTED]

Sent: Monday, August 23, 2021 11:29 AM

To: [REDACTED]

Cc: [REDACTED]

Subject: RE: Investigative Electro-fishing Surveys on the Curraghinalt Burn & Pollanroe Burn_10_06_2021

Please find attached the raw data sheets from the fish survey as requested.

Best regards

[REDACTED]

From: [REDACTED]

Sent: 09 August 2021 12:20

To: [REDACTED]

Cc: [REDACTED]

Peter <**Subject:** FW: Investigative Electro-fishing Surveys on the Curraghinalt Burn & Pollanroe Burn_10_06_2021

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Hi [REDACTED]

Thank you for the attached report

As suggested in your e-mail of 26 May, could you also please send us the raw site data (inc. fish lengths) collected on the day?

Any queries let me know

Regards

[REDACTED]

From: [REDACTED]

Sent: 02 August 2021 15:04

To: [REDACTED]

Cc: [REDACTED] <>

Subject: FW: Investigative Electro-fishing Surveys on the Curraghinalt Burn & Pollanroe Burn_10_06_2021

Dear All

Please find attached the report on the fish survey of the Curraghinalt and Pollen Roe Burns.

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I hope this is agreeable and I will come back to you asap with an alternative date.

With best regards



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Visit us at: dalradian.com

From: [REDACTED]
Sent: Monday, August 2, 2021 2:41 PM
To: [REDACTED]
Subject: FW: Investigative Electro-fishing Surveys on the Curraghinalt Burn & Pollanroe Burn_10_06_2021

From: [REDACTED]
Sent: 28 July 2021 13:24
To: [REDACTED]
Subject: Investigative Electro-fishing Surveys on the Curraghinalt Burn & Pollanroe Burn_10_06_2021

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Gents,

Please attached update on the electro-fishing surveys which were carried out on the Curraghinalt Burn & Pollanroe Burn in relation to the Dalradian planning application.

Thanks,

[REDACTED]

[REDACTED]
Fisheries Biologist
Loughs Agency / Gníomhaireacht na Lochanna / Factrie fur Loughs
22 Victoria Road, Derry, BT47 2AB
Tel: +44 (0) 28 71 [REDACTED]
Direct Line: +44 (0) 28 71 [REDACTED]
Mob: [REDACTED]
Web: www.loughs-agency.org



CORONAVIRUS (COVID-19)

**WE ALL
MUST DO IT
TO GET
THROUGH IT**



**KEEP
DISTANCE**



**WEAR FACE
COVERING**



**WASH
HANDS**



**FRESH
AIR**

Investigative Electro-fishing Surveys on the Curraghinalt Burn & Pollanroe Burn

In February 2021 Northern Ireland Environment Agency consulted with Loughs Agency regarding a Fisheries Habitat Assessment which had been carried out in the Owenkillev and Owenreagh East catchments in respect of a planning application by Dalradian. The fisheries habitat report had relied partly on a desktop assessment which had come to the conclusion that the Curraghinalt Burn and Pollanroe Burn were both of low ecological value. Furthermore it was later asserted that the confluence of both these tributaries (where they joined the main Owenkillev and Owenreagh East respectively) were perched in nature and therefore complete barriers to fish.

Staff members from NIEA and Loughs Agency jointly carried out a preliminary site visit to both of these tributaries on Thursday 11th February to take an initial look at the availability of potential fisheries habitat. Subsequent to the initial site walkover Loughs Agency staff were of the opinion that both of these streams were capable of sustaining juvenile Salmonid populations.

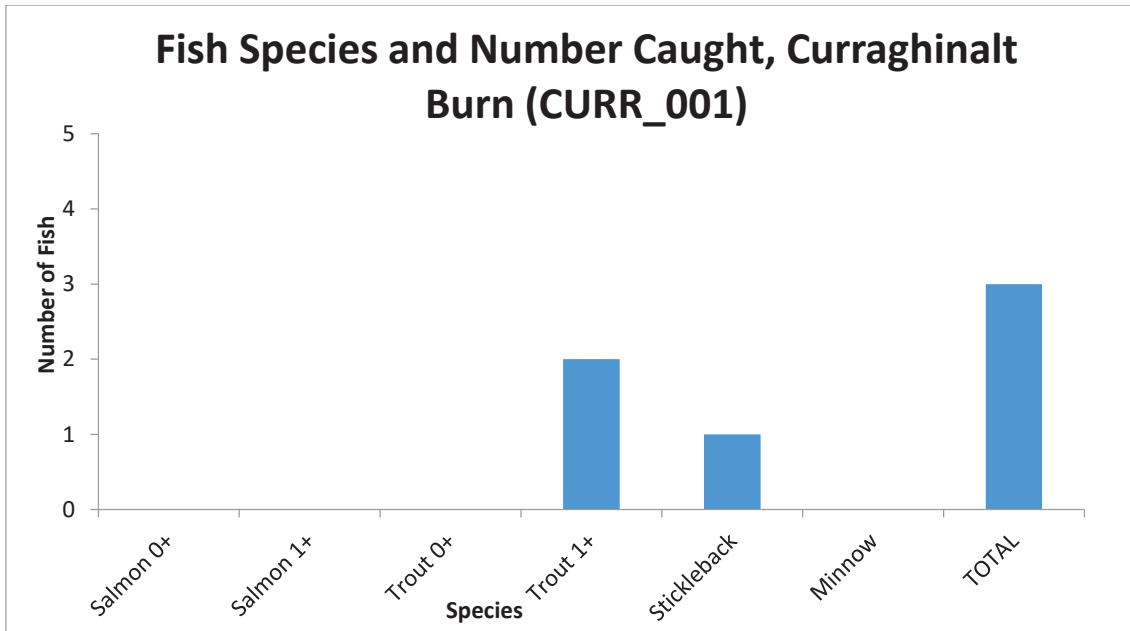
In the case of the Curraghinalt Burn the range of habitat which was accessible to fish was small, but nevertheless it was felt that it would at the very least provide a refuge for juvenile salmonids in times of spate in the main Owenkillev River. The Pollanroe Burn was deemed to have a greater expanse of suitable habitat capable of providing spawning, nursery and pockets of holding. Therefore all three habitat types required for Salmonids to complete their life cycle were judged to be present in the lower section of the Pollanroe Burn.

Loughs Agency staff advised that it would be best to carry out investigative electro-fishing surveys at a later, more suitable date. The purpose of the surveys was to collect data and provide any evidence of juvenile salmonid populations in both the Curraghinalt Burn (tributary of the Owenkillev) and Pollanroe Burn (tributary of the Owenreagh East).

These surveys were carried out on Thursday 10th June, 2021. Two staff members from the Natural Environment Directorate (CDP) were also present on the day to independently observe the surveys and to help inform their own decision making process. The results of the investigative electro-fishing monitoring are presented below.

Site 1: CURR_001

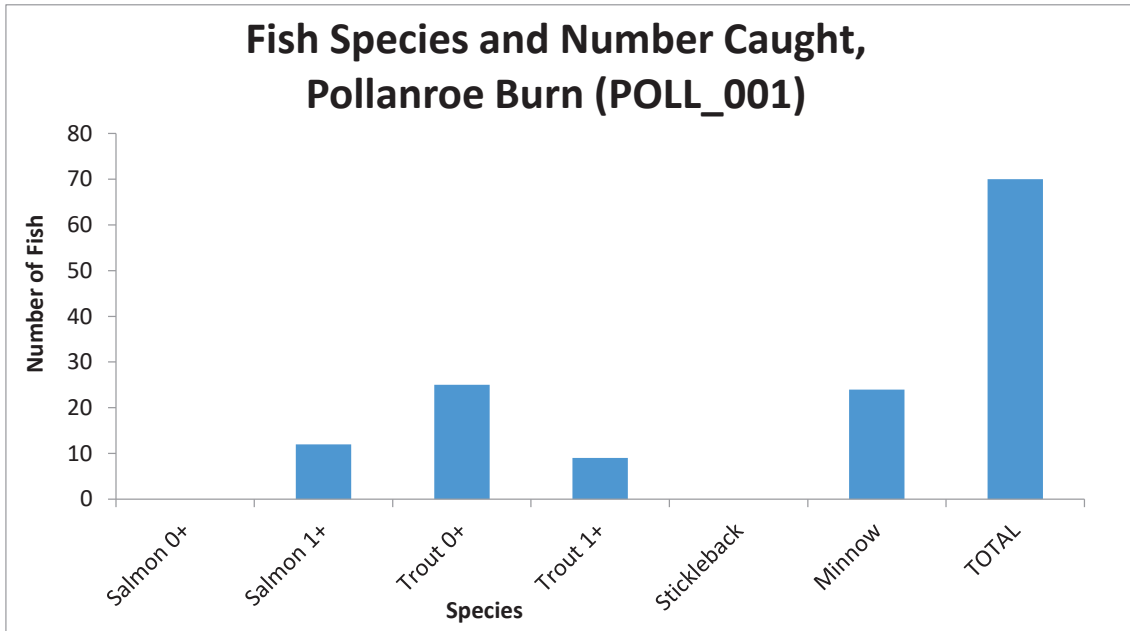
Date	River Name	Catchment	Site Code	Location Downstream Co-ordinates		Distance Electro-fished	
10/06/2021	Curraghinalt Burn	Owenkillew	CURR_001	X_CO_ORD	Y_CO_ORD	40 metres upstream	
				257129	387095		
Fishing	Salmon 0+	Salmon 1+	Trout 0+	Trout 1+	Stickleback	Minnow	TOTAL
5 Min Timed				2	1		3
Semi-Q							
TOTAL	0	0	0	2	1	0	3



Trout 1+ captured on the Curraghinalt Burn_10_06_2021

Site 2: POLL_001

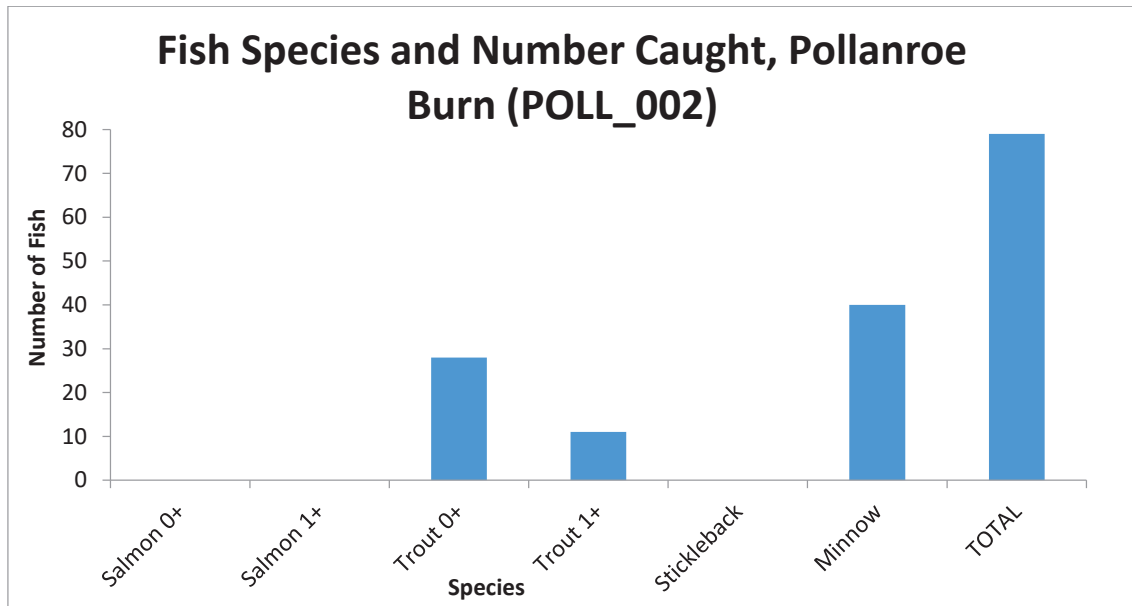
Date	River Name	Catchment	Site Code	Location Downstream Co-ordinates		Distance Electro-fished	
10/06/2021	Pollanroe Burn	Owenreagh East	POLL_001	X_CO_ORD	Y_CO_ORD	100 metres upstream	
				257479	382549		
Fishing	Salmon 0+	Salmon 1+	Trout 0+	Trout 1+	Stickleback	Minnow	TOTAL
10 Min Timed		12	25	9		24	70
Semi-Q							
TOTAL	0	12	25	9	0	24	70



Atlantic salmon Parr captured on the Pollanroe Burn_10_06_2021

Site 3: POLL_002

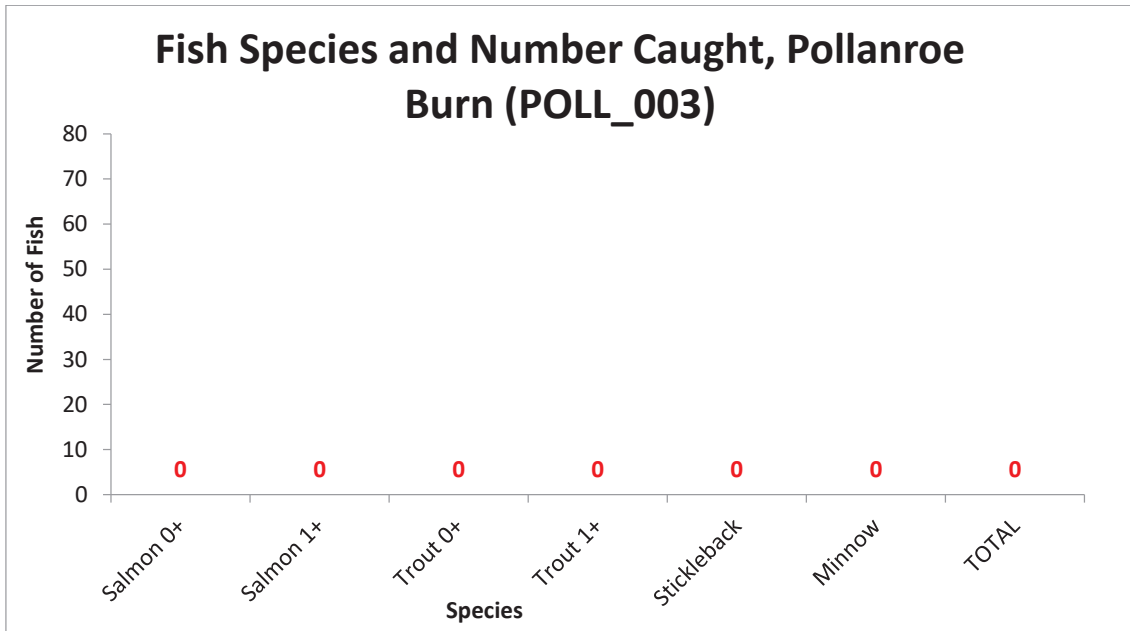
Date	River Name	Catchment	Site Code	Location Downstream Co-ordinates		Distance Electro-fished	
10/06/2021	Pollanroe Burn	Owenreagh East	POLL_002	X_CO_ORD	Y_CO_ORD	60 metres upstream	
				257673	382972		
Fishing	Salmon 0+	Salmon 1+	Trout 0+	Trout 1+	Stickleback	Minnow	TOTAL
10 Min Timed			28	11		40	79
Semi-Q							
TOTAL	0	0	28	11	0	40	79



Environment Agency colleagues observing electro-fishing surveys to investigate the presence of juvenile salmonids in the Pollanroe Burn_10_06_2021

Site 4: POLL_003

Date	River Name	Catchment	Site Code	Location Downstream Co-ordinates		Distance Electro-fished	
10/06/2021	Pollanroe Burn	Owenreagh East	POLL_003	X_CO_ORD	Y_CO_ORD	50 metres upstream	
				258261	383350		
Fishing	Salmon 0+	Salmon 1+	Trout 0+	Trout 1+	Stickleback	Minnow	TOTAL
5 Min Timed							
Semi-Q							
TOTAL	0	0	0	0	0	0	0



Electro-fishing survey on the Pollanroe Burn. No fish encountered, signs of enrichment. Large numbers of Gammarus & Baetid mayfly present_10_06_2021

**LOUGHS AGENCY
QUANTITATIVE ELECTROFISHING SURVEY SUMMARY DATA RECORD**

SITE ID	CURR_001	RIVER NAME	Curraghinalt Burn	OPERATORS	
CATCHMENT	Owenkillew	ZONE	Southern	DATE	10/06/2021
LENGTH FISHED (M)	40	D/S WETTED WIDTH (M)	2	U/S WETTED WIDTH (M)	2
% OF AREA FISHED	60	WATER TEMP °C	13	PHOTOS/VIDEO	Yes
% SPAWNING	5	GRADE SPAWNING	3	COMMENTS 5 MIN SEMI-Q	
% NURSERY	60	GRADE NURSERY	3		
% HOLDING	35	GRADE HOLDING	3		
MEAN DEPTH (M)	0.15				
			WFD Site	Up -stream Net	Down -stream Net
			X Co-ord	257114	257129
			Y Co-ord	387057	387095

FISHING	SAL 0+	SAL 1+	TRO 0+	TRO 1+	Eel	NOTES
1st						
2nd						
3rd						
4th						
5th						
5 / 10 MIN				2		
TOTAL				2		

FISHING	Lamprey	Stoneloach	Minnow	3 Sp. Stickleback	Flounder	Roach
1st						
2nd						
3rd						
4th						
5th						
5 / 10 MIN				1		

TOTAL				1		
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TOTAL							
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TOTAL							
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**LOUGHS AGENCY
QUANTITATIVE ELECTROFISHING SURVEY SUMMARY DATA RECORD**

SITE ID	POLL_001	RIVER NAME	Pollanroe Burn		OPERATORS	
CATCHMENT	Owenreagh East	ZONE	Southern		DATE	10/06/2021
LENGTH FISHED (M)	100	D/S WETTED WIDTH (M)	2.5		U/S WETTED WIDTH (M)	2
% OF AREA FISHED	80	WATER TEMP °C	13		PHOTOS/VIDEO	Yes
% SPAWNING	30	GRADE SPAWNING	2		COMMENTS 10 MIN SEMI-Q	
% NURSERY	60	GRADE NURSERY	2			
% HOLDING	10	GRADE HOLDING	3			
MEAN DEPTH (M)	0.1					
			WFD Site	Up -stream Net	Down -stream Net	
			X Co-ord	POLL_001	257532	257479
			Y Co-ord		382637	382549

FISHING	SAL 0+	SAL 1+	TRO 0+	TRO 1+	Eel	NOTES
1st						
2nd						
3rd						
4th						
5th						
5 / 10 MIN		12	25	9		
TOTAL		12	25	9		

FISHING	Lamprey	Stoneloach	Minnow	3 Sp. Stickleback	Flounder	Roach
1st						
2nd						
3rd						
4th						
5th						
5 / 10 MIN			24			

TOTAL			24			
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TOTAL							
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TOTAL							
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TOTAL		24					
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**LOUGHS AGENCY
QUANTITATIVE ELECTROFISHING SURVEY SUMMARY DATA RECORD**

SITE ID	POLL_002	RIVER NAME	Pollanroe Burn		OPERATORS	
CATCHMENT	Owenreagh East	ZONE	Southern		DATE	10/06/2021
LENGTH FISHED (M)	60	D/S WETTED WIDTH (M)	2		U/S WETTED WIDTH (M)	2
% OF AREA FISHED	70	WATER TEMP °C	12		PHOTOS/VIDEO	Yes
% SPAWNING	15	GRADE SPAWNING	3		COMMENTS Three 1+ Trout missed 10 MIN SEMI-Q	
% NURSERY	75	GRADE NURSERY	2			
% HOLDING	10	GRADE HOLDING	3			
MEAN DEPTH (M)	0.1					
			WFD Site	Up -stream Net	Down -stream Net	
			X Co-ord	POLL_002	257686	257673
			Y Co-ord		383024	382972

FISHING	SAL 0+	SAL 1+	TRO 0+	TRO 1+	Eel	NOTES
1st						
2nd						
3rd						
4th						
5th						
5 / 10 MIN			28	11		
TOTAL			28	11		

FISHING	Lamprey	Stoneloach	Minnow	3 Sp. Stickleback	Flounder	Roach
1st						
2nd						
3rd						
4th						
5th						
5 / 10 MIN			40			

TOTAL			40			
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TOTAL							
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TOTAL		40					
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**LOUGHS AGENCY
QUANTITATIVE ELECTROFISHING SURVEY SUMMARY DATA RECORD**

SITE ID	POLL_003	RIVER NAME	Pollanroe Burn	OPERATORS	
CATCHMENT	Owenreagh East	ZONE	Southern	DATE	10/06/2021
LENGTH FISHED (M)	50	D/S WETTED WIDTH (M)	2	U/S WETTED WIDTH (M)	2
% OF AREA FISHED	80	WATER TEMP °C	12	PHOTOS/VIDEO	Yes
% SPAWNING	20	GRADE SPAWNING	3	COMMENTS NO FISH ENCOUNTERED Signs of enrichment, large numbers of Gammarus & Baetid Mayfly 5 MIN SEMI-Q	
% NURSERY	75	GRADE NURSERY	2		
% HOLDING	5	GRADE HOLDING	3		
MEAN DEPTH (M)	0.1				
		WFD Site	Up -stream Net	Down -stream Net	
		X Co-ord	POLL_003	258306	258261
		Y Co-ord		383376	383350

FISHING	SAL 0+	SAL 1+	TRO 0+	TRO 1+	Eel	NOTES
1st						NO FISH ENCOUNTERED
2nd						
3rd						
4th						
5th						
5 / 10 MIN						
TOTAL						

FISHING	Lamprey	Stoneloach	Minnow	3 Sp. Stickleback	Flounder	Roach
1st						
2nd						
3rd						
4th						
5th						
5 / 10 MIN						

TOTAL						
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