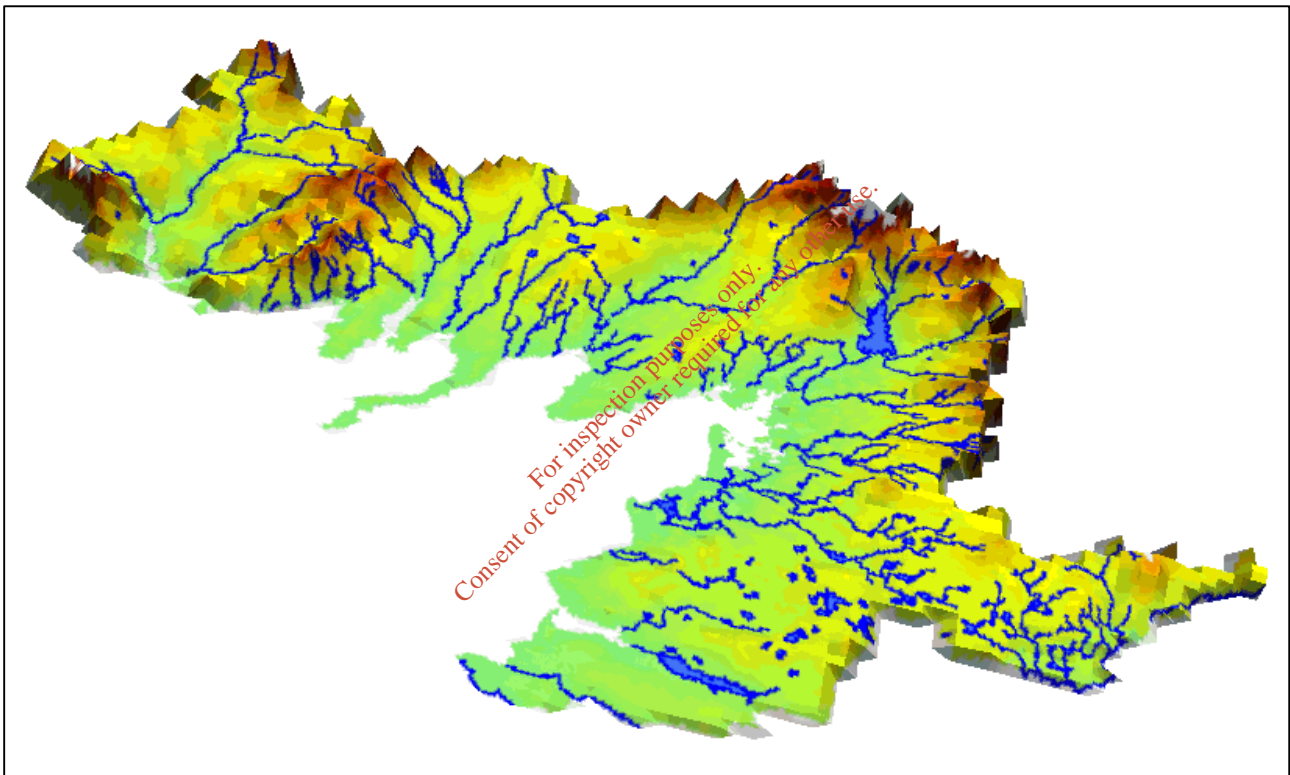


Donegal Bay Water Quality Management Plan

Appendices
Final Draft



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APPENDICES

Appendix A1	Legislative Framework
Appendix B1	Donegal Bay Rainfall Characteristics
Appendix C1	The Establishment of a Demonstration Project for Integrated Coastal Zone Management in Donegal Bay.
Appendix C2	Synopsis of Tourism in the Key Donegal Bay Catchment Area's Towns and Villages
Appendix C3.1	Site Descriptions of the Designated NHA's Within the Donegal Bay Catchment Area
Appendix C3.2	The Biomar Sites Within Donegal Bay
Appendix C4	Donegal Bay Acid Sensitive Rivers
Appendix C5	The Recorded Archaeological Sites Within Donegal Bay
Appendix C6	Donegal Bay Agriculture
Appendix C7	Donegal Bay Forestry
Appendix D1	Donegal Bay River Water Sampling Results
Appendix E	Donegal Bay Freshwater Fisheries

Appendix A1

Legislation

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A1: Legislative Framework.

The various pieces of legislation relative to report are discussed in the main document. This covers European Directives and the subsequent Irish legislation derived from them. In providing this information it should be noted that it is not a legal interpretation of the legislation in question and where it is necessary to use or otherwise take action based on legislation the actual piece of legislation itself must be referred to.

Legislation is constantly changing hence it is strongly advised that the one is aware of the most recent legislation enacted and indeed what is proposed.

Copies of any required legislation may be obtained from the relevant official outlet. Where necessary, legal advice from a suitably qualified person should be sought.

A1.2E Based Information Sources

Other sources of information on legislation and in particular current developments are web sites on the INTERNET. The following sites are recommended in this context.

www.irlgov.ie

This is the main web site of the Irish Government and provides a wide range of information on many topics by department. The Department of Environment and Local Government section of the site is a very useful source of information and has a search tool, which allows for particular items of interest to be found.

www.epa.ie

This is the site of the Environmental Protection Agency. This site provides a wide range of information on all aspects of the work of the agency. This includes information on monitoring of the environment and activities that may affect the environment. Guidance notes and manuals relating to legislative compliance can also be found on this site. This site also has a search tool that allows for particular items of interest to be found.

<http://europa.eu.int/eur-lex/en/index.html>

This is the site of the European Commission dealing with European Law both current and under proposal. It is a valuable source of information on this topic and has a search tool that allows for particular items of interest to be found.

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Appendix B1

Donegal Bay Rainfall Characteristics

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Table B1. Rainfall Characteristics for three representative sites within the Donegal Bay catchment area.

Year	Month	Day	Daily Rainfall (mm)		
			L. Eske (Edergole)	Ballyshannon	Kilcar
2000	2	1	7.50	0.90	1.40
2000	2	2	3.50	0.60	4.30
2000	2	3	16.90	1.60	10.30
2000	2	4	0.70	0.10	0.00
2000	2	5	5.40	3.50	4.00
2000	2	6	8.20	6.70	5.30
2000	2	7	13.00	4.80	7.40
2000	2	8	9.60	5.90	2.80
2000	2	9	10.50	8.10	12.50
2000	2	10	3.30	2.00	0.80
2000	2	11	16.90	15.40	13.40
2000	2	12	8.40	7.80	3.20
2000	2	13	17.60	3.20	13.30
2000	2	14	13.60	3.70	10.00
2000	2	15	10.20	14.70	9.30
2000	2	16	9.30	4.70	6.40
2000	2	17	17.60	8.00	24.00
2000	2	18	0.00	1.10	1.40
2000	2	19	12.40	0.10	0.00
2000	2	20	15.30	8.70	11.60
2000	2	21	1.30	0.90	1.70
2000	2	22	12.40	0.40	3.00
2000	2	23	11.30	2.80	5.10
2000	2	24	3.50	4.70	4.00
2000	2	25	0.90	0.50	0.00
2000	2	26	18.40	24.50	21.00
2000	2	27	20.20	6.40	5.10
2000	2	28	7.40	9.00	3.00
2000	2	29	11.60	3.50	4.00
2000	3	1	31.30	13.40	34.00
2000	3	2	18.00	15.20	14.50
2000	3	3	8.10	0.80	3.40
2000	3	4	5.20	0.30	0.00
2000	3	5	10.00	0.70	12.60
2000	3	6	12.30	3.70	10.50
2000	3	7	23.20	8.40	13.50
2000	3	8	9.60	2.50	5.00
2000	3	9	4.70	2.80	4.20
2000	3	10	5.80	0.90	3.50
2000	3	11	0.00	0.10	1.10
2000	3	12	4.50	0.50	2.10
2000	3	13	6.80	4.10	5.20
2000	3	14	0.00	0.40	0.00
2000	3	15	1.10	0.20	0.60

2000	3	16	0.00	0.30	0.90
2000	3	17	3.90	0.50	0.70
2000	3	18	0.50	0.80	0.00
2000	3	19	0.00	0.20	0.00
2000	3	20	0.00	0.00	0.00
2000	3	21	5.30	2.90	1.50
2000	3	22	7.20	0.10	0.00
2000	3	23	6.30	1.70	0.50
2000	3	24	4.00	0.30	3.60
2000	3	25	3.00	4.70	7.50
2000	3	26	0.00	1.00	0.00
2000	3	27	0.00	0.00	0.00
2000	3	28	0.00	0.00	0.00
2000	3	29	1.00	0.10	1.40
2000	3	30	0.00	0.10	0.00
2000	3	31	1.10	1.10	4.70
2000	4	1	33.90	15.90	10.00
2000	4	2	5.90	2.30	8.70
2000	4	3	1.80	0.10	1.10
2000	4	4	0.00	0.00	0.00
2000	4	5	0.00	0.00	0.00
2000	4	6	0.00	0.00	0.00
2000	4	7	7.00	3.20	16.90
2000	4	8	0.00	0.10	0.00
2000	4	9	0.00	0.00	0.00
2000	4	10	16.00	5.00	11.20
2000	4	11	8.70	7.20	1.00
2000	4	12	11.90	2.00	1.40
2000	4	13	3.20	0.10	2.00
2000	4	14	0.90	0.00	0.00
2000	4	15	18.40	3.70	4.20
2000	4	16	4.30	1.40	2.00
2000	4	17	0.00	0.00	3.70
2000	4	18	0.00	0.00	0.00
2000	4	19	7.00	3.90	8.50
2000	4	20	4.70	2.60	5.00
2000	4	21	1.90	0.50	0.20
2000	4	22	4.20	0.70	2.20
2000	4	23	5.00	3.10	3.50
2000	4	24	9.90	18.60	4.70
2000	4	25	10.30	0.50	2.60
2000	4	26	17.20	1.50	2.50
2000	4	27	4.40	1.60	2.40
2000	4	28	0.00	0.10	0.00
2000	4	29	4.50	9.60	5.20
2000	4	30	3.20	0.10	0.00
2000	5	1	0.00	0.00	0.00
2000	5	2	0.00	0.00	0.00
2000	5	3	0.00	0.00	0.00

2000	5	4	0.00	0.00	0.00
2000	5	5	0.00	0.00	0.00
2000	5	6	0.00	0.00	0.00
2000	5	7	0.00	0.00	0.00
2000	5	8	0.00	0.00	0.00
2000	5	9	0.00	0.00	0.00
2000	5	10	0.00	0.00	0.00
2000	5	11	0.00	0.00	0.00
2000	5	12	0.00	0.00	0.00
2000	5	13	0.00	0.00	0.00
2000	5	14	0.00	0.00	0.00
2000	5	15	7.40	6.90	6.10
2000	5	16	10.50	1.40	4.30
2000	5	17	15.80	6.00	5.50
2000	5	18	16.00	2.60	4.80
2000	5	19	5.90	2.10	6.70
2000	5	20	6.00	3.00	8.20
2000	5	21	2.00	0.70	1.10
2000	5	22	15.30	3.40	10.40
2000	5	23	17.60	0.40	3.30
2000	5	24	22.90	2.70	10.40
2000	5	25	4.90	0.70	0.70
2000	5	26	5.10	3.90	6.40
2000	5	27	4.30	0.50	7.80
2000	5	28	4.80	6.80	0.60
2000	5	29	1.70	0.10	0.00
2000	5	30	1.30	0.00	0.00
2000	5	31	9.90	3.40	4.20
2000	6	1	10.60	5.90	0.00
2000	6	2	4.30	1.20	10.50
2000	6	3	0.00	1.40	0.00
2000	6	4	0.00	1.20	0.50
2000	6	5	6.00	3.90	3.60
2000	6	6	14.10	5.40	0.00
2000	6	7	16.00	9.80	18.00
2000	6	8	2.40	0.10	0.80
2000	6	9	4.10	0.00	0.90
2000	6	10	8.00	1.80	8.00
2000	6	11	10.10	0.80	8.90
2000	6	12	5.80	2.40	2.30
2000	6	13	0.00	0.10	0.00
2000	6	14	0.00	0.00	0.00
2000	6	15	0.80	0.00	0.00
2000	6	16	0.00	0.00	1.50
2000	6	17	0.00	0.40	0.70
2000	6	18	1.90	0.00	0.00
2000	6	19	4.00	0.10	0.50
2000	6	20	11.20	6.40	14.40
2000	6	21	14.90	1.80	14.00

2000	6	22	3.30	1.20	0.40
2000	6	23	4.20	0.70	1.20
2000	6	24	1.60	0.00	0.00
2000	6	25	0.00	0.00	0.00
2000	6	26	0.00	0.00	0.00
2000	6	27	0.00	0.00	0.00
2000	6	28	0.00	0.00	0.00
2000	6	29	0.00	0.00	0.00
2000	6	30	2.80	0.00	0.00
2000	7	1	0.00	0.00	0.00
2000	7	2	1.50	1.00	0.00
2000	7	3	0.00	0.00	2.30
2000	7	4	7.20	5.20	0.00
2000	7	5	0.30	0.00	0.00
2000	7	6	11.80	0.00	0.00
2000	7	7	3.00	2.20	9.00
2000	7	8	7.50	5.10	13.00
2000	7	9	12.40	3.70	6.00
2000	7	10	0.00	0.20	0.70
2000	7	11	2.90	0.70	4.20
2000	7	12	6.10	4.50	8.50
2000	7	13	1.30	0.10	0.30
2000	7	14	0.00	0.00	0.00
2000	7	15	0.00	0.00	0.00
2000	7	16	0.00	0.00	0.00
2000	7	17	0.00	0.00	0.00
2000	7	18	0.00	0.00	0.00
2000	7	19	0.00	0.00	0.00
2000	7	20	0.00	0.00	0.00
2000	7	21	0.00	0.00	0.00
2000	7	22	0.00	0.00	0.00
2000	7	23	0.00	0.00	0.00
2000	7	24	0.00	0.00	0.00
2000	7	25	0.00	0.00	0.00
2000	7	26	4.30	2.80	6.00
2000	7	27	4.40	31.50	4.60
2000	7	28	0.00	0.10	0.20
2000	7	29	1.50	0.00	0.00
2000	7	30	2.30	2.60	5.20
2000	7	31	11.30	3.00	11.40
2000	8	1	5.60	15.10	23.50
2000	8	2	6.30	4.80	6.10
2000	8	3	0.20	0.10	0.50
2000	8	4	0.00	1.70	6.60
2000	8	5	1.50	2.40	2.00
2000	8	6	3.50	1.60	1.70
2000	8	7	10.00	0.20	0.60
2000	8	8	51.50	32.40	56.50
2000	8	9	7.00	1.10	5.20

2000	8	10	0.00	0.00	0.00
2000	8	11	9.50	1.70	14.10
2000	8	12	0.00	0.00	0.20
2000	8	13	4.10	4.30	8.60
2000	8	14	3.00	1.20	2.30
2000	8	15	8.10	5.10	2.40
2000	8	16	8.90	10.60	10.30
2000	8	17	0.00	0.40	2.90
2000	8	18	1.10	0.00	2.80
2000	8	19	0.00	0.00	0.00
2000	8	20	18.40	4.70	3.10
2000	8	21	0.00	0.40	3.50
2000	8	22	0.00	0.00	0.00
2000	8	23	0.00	0.00	0.00
2000	8	24	0.00	0.00	0.00
2000	8	25	5.30	1.20	16.40
2000	8	26	0.00	1.50	15.50
2000	8	27	4.70	0.00	3.40
2000	8	28	1.00	0.00	0.00
2000	8	29	0.00	0.00	0.00
2000	8	30	37.50	9.70	19.60
2000	8	31	22.70	12.80	14.80
2000	9	1	0.00	3.20	1.30
2000	9	2	0.00	0.00	0.00
2000	9	3	0.00	0.30	5.00
2000	9	4	0.00	5.70	12.00
2000	9	5	0.00	3.80	13.80
2000	9	6	0.00	2.90	18.20
2000	9	7	0.00	0.20	1.10
2000	9	8	0.00	0.00	0.40
2000	9	9	0.00	2.60	2.10
2000	9	10	0.00	1.50	2.40
2000	9	11	0.00	0.10	1.40
2000	9	12	0.00	0.00	2.50
2000	9	13	0.00	3.90	0.20
2000	9	14	0.00	5.50	4.00
2000	9	15	0.00	0.30	2.10
2000	9	16	0.00	2.70	10.20
2000	9	17	0.00	13.50	13.00
2000	9	18	0.00	2.50	24.20
2000	9	19	0.00	0.50	1.30
2000	9	20	0.00	2.60	22.60
2000	9	21	0.00	13.50	4.10
2000	9	22	0.00	2.60	3.50
2000	9	23	0.00	3.50	8.30
2000	9	24	0.00	0.00	0.00
2000	9	25	0.00	2.00	8.40
2000	9	26	0.00	4.30	21.80
2000	9	27	0.00	11.40	8.90

2000	9	28	0.00	10.70	16.00
2000	9	29	0.00	0.30	0.00
2000	9	30	0.00	0.00	0.00
2000	10	1	0.00	8.40	21.10
2000	10	2	32.70	5.30	34.40
2000	10	3	6.90	6.80	24.90
2000	10	4	15.50	14.80	0.00
2000	10	5	2.40	0.70	10.00
2000	10	6	4.20	0.10	5.60
2000	10	7	13.50	1.60	16.30
2000	10	8	11.20	8.00	16.70
2000	10	9	30.40	14.20	8.30
2000	10	10	12.90	4.80	16.70
2000	10	11	9.70	14.80	5.80
2000	10	12	9.00	2.80	3.50
2000	10	13	14.70	4.90	11.80
2000	10	14	3.00	0.10	0.00
2000	10	15	3.10	6.80	15.50
2000	10	16	15.90	2.40	7.00
2000	10	17	15.10	9.50	6.20
2000	10	18	4.80	0.30	1.50
2000	10	19	4.50	2.40	1.10
2000	10	20	2.00	3.30	1.00
2000	10	21	4.40	1.70	10.20
2000	10	22	20.00	10.60	14.20
2000	10	23	18.90	9.40	6.00
2000	10	24	48.50	13.20	29.80
2000	10	25	6.60	3.40	2.50
2000	10	26	25.50	12.50	18.30
2000	10	27	1.60	0.20	6.80
2000	10	28	41.00	29.20	30.10
2000	10	29	30.00	7.50	18.90
2000	10	30	15.20	14.10	6.80
2000	10	31	18.40	16.30	10.60
2000	11	1	4.40	5.10	2.40
2000	11	2	5.10	2.70	6.00
2000	11	3	5.40	7.10	7.50
2000	11	4	6.00	0.10	2.50
2000	11	5	2.10	1.40	0.00
2000	11	6	4.60	0.20	1.10
2000	11	7	3.00	1.30	9.00
2000	11	8	7.90	1.70	3.20
2000	11	9	1.30	1.30	1.60
2000	11	10	20.40	3.00	6.00
2000	11	11	16.00	9.90	15.50
2000	11	12	18.00	9.10	12.20
2000	11	13	20.80	4.60	4.80
2000	11	14	5.60	0.10	2.60
2000	11	15	16.20	8.80	8.00

2000	11	16	18.20	5.00	5.00
2000	11	17	8.00	1.20	16.00
2000	11	18	24.00	15.80	10.00
2000	11	19	20.00	12.50	18.00
2000	11	20	7.00	3.90	4.60
2000	11	21	6.30	12.90	2.50
2000	11	22	4.20	2.50	1.00
2000	11	23	1.90	0.70	13.80
2000	11	24	18.50	2.80	10.00
2000	11	25	13.00	18.20	3.50
2000	11	26	8.00	3.40	2.50
2000	11	27	3.00	7.10	5.00
2000	11	28	2.00	10.00	11.00
2000	11	29	15.50	4.20	8.00
2000	11	30	12.00	5.40	1.50
2000	12	1	12.10	7.30	10.50
2000	12	2	18.20	0.30	0.00
2000	12	3	16.00	18.40	31.80
2000	12	4	20.50	17.10	1.20
2000	12	5	1.40	0.20	0.00
2000	12	6	0.00	0.00	0.00
2000	12	7	48.50	21.80	25.50
2000	12	8	27.10	17.90	18.70
2000	12	9	4.70	4.20	5.20
2000	12	10	6.20	2.40	3.90
2000	12	11	0.50	0.10	0.10
2000	12	12	31.70	17.60	23.80
2000	12	13	5.20	9.50	4.40
2000	12	14	4.80	1.50	8.50
2000	12	15	7.40	1.50	6.80
2000	12	16	0.00	0.60	1.00
2000	12	17	3.00	1.90	5.10
2000	12	18	3.60	0.10	2.00
2000	12	19	9.40	8.00	4.50
2000	12	20	0.00	0.50	0.00
2000	12	21	0.00	0.00	0.00
2000	12	22	0.00	0.00	0.10
2000	12	23	0.00	0.30	0.00
2000	12	24	0.00	0.00	0.00
2000	12	25	0.00	0.00	0.00
2000	12	26	0.00	0.00	0.00
2000	12	27	5.50	4.10	0.00
2000	12	28	0.00	4.90	0.00
2000	12	29	0.00	0.90	0.00
2000	12	30	10.00	1.50	0.00
2000	12	31	11.80	6.90	34.00
2001	1	1	10.30	6.40	13.50
2001	1	2	7.50	1.70	1.60
2001	1	3	0.80	0.00	0.90

2001	1	4	1.00	0.00	0.00
2001	1	5	10.50	7.60	9.20
2001	1	6	8.50	8.90	6.50
2001	1	7	45.30	6.90	10.20
2001	1	8	0.00	0.10	0.00
2001	1	9	0.00	0.00	0.00
2001	1	10	0.00	0.00	0.00
2001	1	11	0.00	0.00	0.00
2001	1	12	0.00	0.00	0.00
2001	1	13	0.00	0.00	0.00
2001	1	14	0.00	0.00	0.00
2001	1	15	0.00	0.00	0.00
2001	1	16	0.00	0.00	0.00
2001	1	17	0.00	0.00	0.00
2001	1	18	0.00	0.00	0.00
2001	1	19	0.00	0.00	0.00
2001	1	20	6.10	2.30	4.10
2001	1	21	7.00	5.60	3.80
2001	1	22	2.00	2.50	9.60
2001	1	23	28.00	16.20	13.00
2001	1	24	2.10	0.60	1.20
2001	1	25	14.50	3.90	4.00
2001	1	26	7.10	7.20	3.80
2001	1	27	1.70	0.20	7.00
2001	1	28	0.50	1.70	2.50
2001	1	29	8.70	4.80	16.60
2001	1	30	5.10	1.00	2.00
2001	1	31	3.80	0.30	5.60
2001	2	1	8.00	0.60	0.00
2001	2	2	14.30	5.90	9.40
2001	2	3	6.20	3.80	8.20
2001	2	4	12.40	6.20	4.20
2001	2	5	14.30	10.50	11.00
2001	2	6	9.70	9.50	2.20
2001	2	7	0.00	0.00	0.00
2001	2	8	0.00	0.00	0.00
2001	2	9	5.20	0.90	5.20
2001	2	10	2.00	2.50	2.00
2001	2	11	2.30	0.10	0.00
2001	2	12	0.00	0.00	0.00
2001	2	13	0.00	0.00	0.00
2001	2	14	3.20	0.20	0.40
2001	2	15	0.00	0.00	0.00
2001	2	16	0.00	0.00	0.00
2001	2	17	0.00	0.00	0.00
2001	2	18	2.10	0.10	2.50
2001	2	19	1.30	0.00	1.50
2001	2	20	9.20	1.10	3.40
2001	2	21	3.30	2.50	2.00

2001	2	22	6.90	1.50	3.10
2001	2	23	2.00	0.90	2.80
2001	2	24	8.00	0.70	2.00
2001	2	25	10.00	7.00	12.00
2001	2	26	6.90	1.30	8.00
2001	2	27	0.00	0.00	3.80
2001	2	28	3.50	1.50	10.00
2001	3	1	1.60	2.40	5.00
2001	3	2	4.00	0.40	1.50
2001	3	3	0.00	0.50	0.50
2001	3	4	1.40	0.10	0.00
2001	3	5	0.00	0.00	0.00
2001	3	6	5.50	4.50	1.80
2001	3	7	0.00	0.10	0.00
2001	3	8	8.20	3.00	5.20
2001	3	9	9.10	1.80	7.70
2001	3	10	0.00	0.50	1.00
2001	3	11	4.00	2.10	2.50
2001	3	12	3.20	0.10	C
2001	3	13	1.90	2.00	2.10
2001	3	14	0.00	0.10	0.00
2001	3	15	0.00	0.00	0.00
2001	3	16	0.00	0.00	0.00
2001	3	17	0.00	0.00	0.00
2001	3	18	0.00	0.00	0.00
2001	3	19	0.00	0.00	0.00
2001	3	20	0.00	0.40	0.00
2001	3	21	1.30	0.20	0.70
2001	3	22	0.00	2.70	0.20
2001	3	23	0.00	0.10	0.00
2001	3	24	1.70	0.00	6.90
2001	3	25	0.00	0.00	0.00
2001	3	26	6.70	3.60	8.20
2001	3	27	6.60	7.80	6.00
2001	3	28	0.00	26.30	3.10
2001	3	29	16.20	1.40	C
2001	3	30	20.10	6.60	13.50
2001	3	31	4.70	2.20	2.10
2001	4	1	6.30	0.70	1.50
2001	4	2	5.10	1.60	1.30
2001	4	3	1.00	1.00	1.20
2001	4	4	5.30	6.00	12.20
2001	4	5	9.30	11.00	5.00
2001	4	6	11.80	12.50	7.00
2001	4	7	0.80	0.10	2.30
2001	4	8	8.70	5.30	6.20
2001	4	9	0.80	6.60	6.50
2001	4	10	0.00	0.40	2.80
2001	4	11	0.00	2.50	2.50

2001	4	12	3.00	0.40	0.00
2001	4	13	5.50	0.40	3.20
2001	4	14	10.50	8.10	10.30
2001	4	15	4.80	0.70	0.00
2001	4	16	1.20	0.40	1.00
2001	4	17	7.90	1.10	3.00
2001	4	18	0.00	0.10	0.80
2001	4	19	1.90	1.40	4.10
2001	4	20	10.20	1.40	2.90
2001	4	21	5.10	7.60	12.10
2001	4	22	3.00	0.00	0.00
2001	4	23	0.00	2.00	4.60
2001	4	24	2.50	2.10	1.50
2001	4	25	0.00	0.10	0.00
2001	4	26	1.90	0.10	4.50
2001	4	27	8.80	3.00	3.00
2001	4	28	9.40	6.80	4.00
2001	4	29	6.70	0.70	2.10
2001	4	30	0.00	0.10	0.00
AVERAGE			5.99	3.3	4.89
TOTAL			2725.90	1500.30	2213.70

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Appendix C1

THE ESTABLISHMENT OF A DEMONSTRATION PROJECT
for
INTEGRATED COASTAL ZONE MANAGEMENT
IN DONEGAL BAY

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Appendix C1

DONEGAL COUNTY DEVELOPMENT BOARD
MARINE SECTOR WORKING GROUP

POSITION PAPER
on

THE ESTABLISHMENT OF A DEMONSTRATION PROJECT
for
INTEGRATED COASTAL ZONE MANAGEMENT
IN DONEGAL BAY

August 2001

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Introduction

The purpose of this paper is to establish a rationale for the development of a pilot coastal zone management model in County Donegal. It describes the role of the County Development Board and its desire to work in concert with key marine actors and government bodies to enhance and sustain the sector.

Current State sponsored policies are examined and recommendations are summarised. These point unanimously to the need for an inclusive approach to coastal zone management involving stakeholders, managers and regulators. These policies also highlight the implementation difficulties involved in this process and the need for pilot demonstration trials. The most recent thinking on spatial planning stresses the need to develop coastal zone management in conjunction with local authorities.

The paper concludes that Donegal Bay is a suitable location in which to base a pilot project because of its commercial importance to the catching, processing, aquaculture and tourism sectors and because the stakeholders there are influential at both county and national level. If these stakeholders buy into the project, the lessons learned will be acted upon and replicated elsewhere. Advantages to stakeholders might be as follows:

General

Conservation of fish stocks

Secure incomes

Establishment of Inshore Fishery Development Committees

Infrastructure (harbours, piers slips, marinas, roads etc.)

Global image of Donegal bay as a quality “brand”

Increased value-added business

Business networking and clustering

Catching Sector

Input to planning process

Diversification possibilities

Fleet modernisation

Research into stocks

Conservation backdrop to review of Common Fisheries Policy

Processing Sector

Continuity of supply / quality of fish

Better regulation of fishing

Global marketing

New business links

Aquaculture Sector

Cross-sector agreement on CLAMS

Recognition of importance of aquaculture to economy

Improvement of public relations and development of positive image

Seen to act in concert with the natural environment

Greater scale and value added

Research and business links

Global brand image

Reduction of threats to industry, e.g. water quality, navigation, change of government policy via public/political/EU pressure

Tourism / Leisure Sector

Development of quality water-based leisure product

Development of global brand image

Beach management strategy

Marina development / investment in boats

New business links / marketing.

The paper concludes with a formal proposal to establish a “Bay Management Forum” drawn from each of the above sectors and from relevant authorities. Their initial role would be to consider the contents of the position paper and to decide on objectives and terms of reference based on best practice elsewhere. Should the forum decide to move the project forward, funding should be sought to support planning and research. Appointment of an experienced consultant or project officer would be essential in progressing the agreed policy and to negotiate new initiatives.

Role of Donegal County Development Board

As part of the re-organisation of local government and local development systems, Development Boards have been established in every city and county in Ireland. Each board is currently in the process of preparing a strategy for the long-term growth of the economic, social and cultural resources. In the Donegal case, sixteen working groups have been established to tackle this task at a micro level. Each group comprises key sectoral interests and actors. They were asked to consult widely on development issues in their respective sectors and to come forward with a development vision. The groups were asked to work within an agreed set of national guidelines and timescales governing all County Development Boards. A paper on each group’s established vision, goals, objectives and development options is due for discussion by the Donegal County Development Board in

September. An agreed county development strategy must be published by December 2001. It is important that the published strategy is proofed in advance against the existing policies of statutory/regulatory bodies. At first glance, this may appear to reduce the county strategy in terms of innovation and effectiveness. However, those involved in the working groups have found many of the current policies to be either ineffectively managed or managed in an un-coordinated way vis-à-vis other state bodies or local interest groups. Therefore, the main objectives of the county strategy will be:

to ensure that relevant agencies effectively implement policy in the best interest of the county

to assist such agencies to develop implementation partnerships at a local level where deemed necessary

to enable the County Development Board to take initiatives where policy gaps are found to exist.

Donegal Marine Strategy

One of the working groups dealt specifically with the development of marine resources in five sub-sectors, namely, commercial catching, processing, aquaculture, leisure/tourism and offshore oil/gas. An analysis of strengths, weaknesses, opportunities and threats (SWOT) was prepared for each. These analyses were then critically appraised in terms of cross-sectoral effect. In some cases, it was found that sub-sectors had common interests, e.g. good water quality, stock conservation, improved infrastructure, grant support, marketing and training. However, there were also numerous cross-effects that were perceived to limit development, e.g. power craft/navigation, use of shorefront and beaches, visual intrusion, marina/ferry development, lack of co-ordinated planning, disinformation, job displacement, management of aquaculture sites, licensing objections, negative public perception/poor PR, salmon/sea trout disease/cross-breeding, organic build-up on seabed, use of chemicals/antibiotics, inadequate management of wild fish stocks.

While some trade-offs may be unavoidable in the long run, the marine working group wishes to facilitate mutual development of the entire sector. Critical appraisal of the SWOT analyses identified development conflicts and bottlenecks. These occurred almost exclusively between the leisure/tourism and aquaculture industries or between the leisure/tourism and catching industries. Relatively few problems arise between leisure/tourism and processing or between catching and aquaculture. The catching and processing sectors share some bottleneck problems such as inconsistent supply and poor regulation. A summary of development issues

arising between the marine leisure/tourism and aquaculture industries is included at *appendix 3*. This sets out areas of perceived conflict and areas of common interest between the two sub-sectors and makes proposals for their mutual development. Similarly, *appendix 2* contains an analysis of fish stock exploitation by the sea angling and commercial fishing sectors together with development and conservation proposals put forward by fishermen and by Bord Iascaigh Mhara (BIM).

Current State Policies and Initiatives on the Marine

In general terms, the marine working group concluded that the greatest obstacle to resolving development problems is grounded in a lack of ongoing consultation and co-operation between the sub-sectors. Similarly, the regulatory bodies involved have all endorsed greater local participation and management but seem to find this difficult to implement or define. A new vocabulary or jargon has evolved to describe this approach, e.g., “integrated coastal zone management”, “catchment management”, “inshore fisheries advisory committee”, “inshore fisheries development committees”, “aquaculture forum” and “Donegal Marine Leisure Forum”. All of these terms were introduced by State authorities with the specific blessing of various Ministers at the Department of Marine and Natural Resources. In every case, they represented an attempt by the State to involve local people in natural resources management.

The strategy statement 1998–2000 from the **Department of Marine & Natural Resources** outlines the following relevant goals and objectives¹:

To ensure the sustainable development and management of the marine coastal zone work closely with other Departments in consultation with the main authorities and interests to develop a national integrated coastal zone management (ICZM) strategy

facilitate the development of aquaculture with due regard to its impacts on the environment and other users (through ICZM)

To promote the sustainable development of marine tourism and leisure define the potential for growth in the sector and identify development strategies and funding opportunities

strengthen the linkages between the marine sector and the water-based tourism and leisure sector

facilitate through coastal zone management development of marine tourism and leisure projects

facilitate and promote ports and harbours, and the corporate governance of ports, in the context of the development of marine tourism and leisure.

The 1999 **Bord Iascaigh Mhara** (BIM) review of the Irish inshore fisheries sectorⁱⁱ made a large number of recommendations including the following;

Policy should be realistic, achievable and commensurate with the social and economic value of the fisheries resources and complementary to current national and regional development policies and guidelines

a national advisory inshore fisheries advisory committee (IFAC) should be established embracing BIM, the Marine Institute, the Central & Regional Fisheries Boards and the industry (to advise Minister on strategy)

additional fora at local level are required in order to bring together the many groups which participate in the inshore sector and, therefore, to develop cohesive local structures – this should be done through the establishment of local inshore fisheries development committees (IFDCs)

existing local management groups such as the Co-ordinated Local Aquaculture Management Systems (CLAMS) would be represented on the IFDCs – a pilot scheme should be set up at local level to examine the feasibility of this proposal

Research is required to assess the distribution and abundance of inshore stocks

the Marine Institute should be asked to undertake an enhanced stock assessment and research programme including co-operation with OPW/Duchas research on marine mammals

consultation with the local IFDC / Forum is essential in establishing priorities

In terms of fisheries management, the BIM report stated that it may be too early to consider devolution of power to local interests

recommended that the Department of Marine, BIM and the Marine Institute should, in consultation with local stakeholders, examine the feasibility of devolution

recommended that consultation should take place with local stakeholders on the zoning of inshore waters in which management measures could be applied in support of stock conservation

The report recommended that control and enforcement of inshore fisheries could be improved by extending the powers and remit of the Regional Fisheries Boards

put forward the idea that the IFDCs would provide useful fora for co-operation between the authorities and the inshore sector on enforcement

The report also made recommendations on

involvement of local stakeholders in promotion, marketing and quality assurance

diversification of fishermen into aquaculture

diversification into marine tourism and sea angling.

Among other things, the **Central & Regional Fisheries Boards** have statutory responsibility for the game, coarse and sea angling species. The Boards published a five-year development strategy in 1998ⁱⁱⁱ. Some extracts relevant to this position paper are as follows:

General Fisheries Management based on greater co-ordination
adopt new fisheries management techniques based on the “catchment management” approach wherein all stakeholders and users impacting on a waterway from source to sea would be consulted in the sustainable management of the fishery

co-ordinate efforts to improve water quality

develop partnerships with all State Agencies involved in fisheries management including BIM, the Marine Institute, the Naval Service, the Air Corps and Gardai
Salmon & Sea Trout Management (need for conservation)

active real-time management of declining salmon stocks including introduction of tagging and quota system, reduction of the commercial netting season and limitation of drift net fishery to 6 miles from baselines (Salmon Management Task Force recommendations – now largely introduced)

consideration of voluntary buy out or curtailment of commercial salmon fisheries with provision for alternative enterprises for fishermen

while recognising the importance of aquaculture, co-operate with stakeholders and regulatory bodies to co-ordinate the proper development of this industry through coastal zone management plans

scientific investigation of declining post-smolt survival at sea

increased effort to manage lice levels on salmon farms

control of predators such as seals and cormorants in terms of their impact on salmonid stocks (to be considered in the context of Coastal Zone Management)

Sea Angling Management should be improved through greater consultation in the context of Coastal Zone Management

sea angling accounts for 25-30% of tourist angling

need to protect nursery areas

require sanctuary zones reserved primarily for angling in important bays and estuaries

need to upgrade charter boats

require scientific studies on the over-exploitation of some species, e.g. blue shark, conger and dogfish

locate and survey new deep-water wreck and reef sites.

In December 1999 the **Marine Institute** published a report on the use of networking and clustering for the development of the Irish marine sector^{iv}. The principal recommendation was the establishment of a pilot/demonstration programme:

Clustering occurs where firms within a specific region enhance their competitive advantage by working together, e.g. lobbying, joint area marketing/promotion, employment of marketing manager, branding, mentoring (all used to good effect in Kinsale which has developed a vibrant economy based on marine tourism and leisure with a reputation as the gourmet capital of Ireland)

Networking occurs where firms within specific sectors or complementary sectors can enhance their market performance through a division of labour and/or sharing of resources that makes them more competitive by achieving greater scope or scale, e.g. finance, research & development, skills shortages/mutual support, sub contracting among firms, bulk buying, joint tendering (networking is highly evolved in the Carrick-on-Shannon tourism sector, e.g. companies there are involved in a large number of elaborate commercial networks such as the Irish Boat Rental Assoc., Barge Holidays Ireland, Inland Waterways Assoc., Irish Ferry Passenger Assoc and Ireland's Unspoiled Angling Waters – all of these are actively involved in promoting co-operation among local firms).

The findings of this study are highly relevant to the development of the marine sub-sectors working within Donegal Bay. International evidence shows that networking and clustering is an effective way of addressing development constraints facing small firms. The study identified the need to strengthen existing informal networking and clustering activity in the marine sector through more formal policy interventions. Good policy would

Identify potential beneficiaries and opportunities for mutual benefit

Train and fund network brokers

Identify a positive role for support agencies

Encourage involvement of research and education institutions

Facilitate inter-firm learning/co-operation and creation of collective strategies to improve market position

Establish strong and vibrant area-based networks

Promote a broadly based consensual approach by identifying desirable action and achievable projects

Address the most significant external constraints facing firms/stakeholders

Promote State investment in basic infrastructure

Promote and maintain the quality / consistency of products and services

Provide a regular forum for the exchange of views and information between firms / stakeholders / regulatory bodies / agencies

Monitor performance and feedback

Provide incentives to encourage greater inter-firm co-operation within a cluster.

In 1998 the Minister for Marine & Natural Resources requested the Marine Institute to prepare a framework report for the development of the marine and water tourism/leisure sector in Donegal. Their report was published in December 1999^v and set eight development objectives as follows:

Appoint a co-ordinator and advisory forum

Develop leisure products and improve access to the resource for locals and visitors,
Promote water leisure/tourism and codes of best practice, e.g. dissemination of information to visitors and tourism service providers on activities/accepted practice/rules/prices etc.

Conserve the natural resource through coastal zone management initiatives and preservation programmes for fish stocks

Develop overseas- marketing and promotion of the Donegal product

Develop new infrastructure and encourage best practice in co-ordinated management of quays, piers and slip ways to avoid conflict among user groups

Develop training packages for marine/water leisure providers to improve the quality of services to the customer

Develop a county database on number, origin, behaviour and attitude of participants (to inform management priorities in the future).

These objectives were identified at meetings/seminars hosted by the Marine Institute to seek the views of a wide cross-section of people in the marine/water leisure sector. A co-ordinator was appointed in January 2001 and is based in the County Development Board offices at Lifford. The appointment is sponsored by Donegal County Council, Udaras na Gaeltachta, the Northern Regional Fisheries Board, North West Tourism and the Marine Institute. The co-ordinator works with an advisory forum consisting of senior officials drawn from all of the relevant development agencies in Donegal as well as from the Department of Marine and the Marine Institute. To date, he has been involved mainly in product development, infrastructure (particularly harbour and marina development) and in the County Development Board review of the marine sector. He has highlighted a need to find a consensus on management of marine resources and public property, e.g. harbours, piers, slips, beaches, rivers, fish stocks. In most cases, this will require at least a loose association of people drawn from state agencies, local government, industry and the private sector, e.g. to establish a forum on coastal zoning

leading to agreement on conservation, management and regulation. There may be a requirement to set up more formal links in particular cases, e.g. private public partnerships on infrastructure investment or development of specialised visitor attractions. In both situations, links should be established with best-practice examples in Ireland or abroad. A good example of best-practice foreign linkage has been established between Iceland and Donegal in the development of the county's salmon angling.

Donegal County Development Board Proposal

The Board's working group has identified a clear need to organise a more **integrated approach to the management of the marine sector** which takes account of the views of all interests groups. This is particularly important in light of the obvious requirement to sustain an increasingly fragile natural resource. The need for conservation is clearly understood by people on the ground as evidenced by the 1999 BIM survey of fishermen. The lobster v-notching programme was very much a bottom-up initiative and this type of response now needs to be expanded to the broader management of marine and water resources. As it would be very difficult to make such sweeping change on an immediate countywide basis, the introduction of a **pilot demonstration project** seems logical. Lessons learned can be applied gradually to other areas. On this premise, the marine working group has recommended the establishment of a **local area forum** to manage the consensual development of all marine sub-sectors in **Donegal Bay**. This proposal is in line with the recommendations set out in all of the above policy documents and reports. The proposal is underpinned by the scoping study of the National Spatial Strategy Planning Unit on coastal zone management^{vi}:

“there is no CZM [clear coastal zone management] structure, however, CZM will need better co-operation between Local Authorities similar to Waste Management Strategy co-operation, i.e. viable logical groupings of Local Authorities”

“EU Water Quality (Framework) Directive requires the preparation of River Basin Plans which have to include estuaries and coastal waters up to 1km from shore. Cross-Border catchments must be managed as an International Basin District” [the Erne and Melvin are cross-border river systems discharging to the sea in Donegal Bay]

“a Coastal Zone Management policy is required urgently to guide Local Authority Development Plans”.

Donegal Bay is proposed because it possesses significant industries in the catching, processing, aquaculture and tourism sub-sectors. Each of these is relatively well organised in their own right but overall co-operation in management of the bay is

weak. The proposal has been discussed informally with each sub-sector. The reaction was quite positive and the County Development Board was asked to prepare this position paper on integrated management to enable further consideration of the proposal.

Conclusion

This paper sets out the recommendations of relevant regulatory authorities and state agencies for better management of the coastal zone and, based on these recommendations, makes a case for implementation of a pilot demonstration project in Donegal. Examples of conflict are set out in *appendices 2 and 3* together with suggested solutions from stakeholders. It has been verified that a pilot demonstration project can be supported with funding from the National Development Programmes. Evidence of this is included at *appendix 1* along with examples of particular projects that might be pursued.

It is suggested that the industry representatives be given this position paper for discussion together with a “menu” of possible objectives or initiatives. If viewed positively, a forum should be established to decide on specific management initiatives and/or research needs. An experienced project officer or consultant should then be employed to draft a spatial plan and to seek funding and support from the relevant authorities and agencies. There may also be scope to establish partnerships with similar initiatives elsewhere (e.g. Clew Bay Forum or a Lough Foyle cross-border initiative) and with foreign companies wishing to establish business links or investment opportunities in Ireland. The Marine Institute’s recommendations on clustering and networking should be given serious consideration.

In keeping with the report of the National Spatial Policy planning unit, the County Development Board is anxious to ensure that all of the marine sub-sectors play a full role in development of the county. The overall aim must be to maximise social and economic benefits while simultaneously preserving the natural environment for future generations.

Appendix C2

Synopsis of Tourism in the Key Donegal Bay Catchment Area's Towns and Villages

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Appendix C2. Synopsis of Tourism in the Key Donegal Bay Catchment Area's Towns and Villages

BUNDORAN

Description of Town

Bundoran is a coastal town in South County Donegal with a high reliance on tourism. The town has grown substantially in the recent years. The current resident population is estimated at 2,000. This swells to some 15,000 during peak holiday periods due to the influx of resident tourists and day-trippers (REF 7).

Bundoran, Ireland's premier seaside resort, is a lively town with excellent blue flag beaches, and is ideal for holiday makers of all ages. Families will love the wonderful Waterworld and the wide range of amusements and entertainment. Activities range widely from a leisurely stroll around Roguey to the more energetic surfing. With the highest concentration and widest variety in quality accommodation and dining out facilities in the North West, the visitor to Bundoran is really spoilt for choice (REF 2).

Description of Wedge Tomb at Magheracar

“This monument was not marked on the OS Revision of 1900. It is situated on pasture land neat the Passage-tomb at the edge of the sea cliff in the same townland. The tomb is constructed of rather small slabs, none of which protrude more than 0.5m above the surrounding mound. A gallery, at least 4m long and a little more than 1m wide is represented by seven stones, four at the N and three at the S. Four outer wall stones are visible at the N and three at the S. A single facade stone adjoins the entrance at the S. The mound is about 15m in diameter.” (Lockwood 1901, 88). (REF 7).

BALLYSHANNON

Ballyshannon created a Borough by Royal Charter in 1613, is the oldest town in Ireland and is the birthplace of such diverse luminaries as Allingham, the poet and Rory Gallagher, the rock guitarist. From its idyllic setting the town looks out over the Erne Estuary and has panoramic views of mountains, lakes and forests. The visitor will enjoy the warm welcome of the locals, and the active visitor can take part in the many activities and excellent facilities available locally, such as the Leisure Centre and the Lakeside Centre (REF 2).

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ROSSNOWLAGH

Rossnowlagh - 'The Heavenly Cove', located on the coast between Ballyshannon and Donegal Town, is regarded as the most scenic and dramatic beach in the entire North West. Overlooking the Atlantic Ocean, Rossnowlagh is set on a 4km crescent of golden sand with the sparkle of shimmering waves breaking on the beach. Its Blue Flag beach, patrolled by seasonal lifeguards, is popular for all types of water sports and safe bathing. Walking or jogging is a very refreshing experience thanks to the invigorating Atlantic sea breeze.

DONEGAL TOWN

Originally a plantation town, its central location, in the southwest of the county at the point where the River Eske enters Donegal Bay, has ensured Donegal Town's development into the thriving commercial centre that it is today.

The attractive centrepiece of the market area of the town is known as The Diamond, it is here that you will find a tall obelisk dedicated to the memory of The Four Masters. This was the name given to the four friars, led by Michael O'Cleary, who, in the 17th Century, compiled the Annals of the Four Masters; one of the earliest historical texts recording the early history of Ireland. The friars lived in Donegal Abbey; a Franciscan Friary founded in 1474 by Lady Nuala, wife of Red Hugh O'Donnell, the ruins of which can still be seen today.

Beside the Diamond, overlooking the River Eske are the ruins of Donegal Castle, the 15th Century Seat of Power of the O'Donnells, the principal ruling family in Donegal at that time. In 1611, following the Flight of the Earls, the castle was awarded to Sir Basil Brooke who is said to be the architect responsible for the layout of the town centre. The castle, recently restored, is furnished throughout with Persian rugs and French tapestries. Information panels chronicle the history of the castle's owners from the O'Donnell chieftains through to the Brooke family in the 17th Century.

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- Web: www.heritageireland.ie
- Email: heritagecard@ealga.ie

Donegal Town is a main centre for the tweed industry in Ireland and is home to John Magee, world-renowned manufacturers of Donegal Tweed. From modest beginnings in 1866, when John Magee began buying and selling Tweed, the business has flourished and now has two clothing factories, a weaving division and a retail store offering a large selection of finely tailored clothing.

When in Donegal Town the visitor can take a step back in time to a bygone age with a visit to the Donegal Railway Heritage Centre. In the centre, by means of audio / visual displays, you can learn about the history of the once extensive railway network that used to serve the county. Based in the old Donegal Town Station, the centre houses a museum, restored carriages, models and memorabilia from a time when travel truly was an adventure.

Situated on the outskirts of the town, on the Ballyshannon Road, is The Donegal Craft Village. The village consists of a number of craft orientated workshops where the visitor can admire and purchase the arts and crafts produced by the resident professional craft workers. The Craft Village also has a coffee shop where the visitor can take a break and enjoy some home baked food.

Six miles south of Donegal Town in Ballintra, is the Ballymagroarty Historical Centre, which was recently established by The Columcille Foundation; a privately funded organization founded to support scholarships to disadvantaged but gifted students. Through a series of topographical exhibits and displays of ancient artifacts, the Museum offers a fascinating insight into the impact that St Columcille had on the area, which he founded. Exhibits include an original seven volumes of the Annals of the Four Masters, 1856, an original three volumes of the Annals of Ulster, 1887, and a Tribute to the Cathach and Shrine; Ireland's earliest surviving manuscript (circa 560). Also on display is the History of the Order of the Bath, signed by President Ronald Reagan with associated photographs of him in his robes, 1989 (REF 6).

MOUNTCHARLES, DUNKINEELY, BRUCKLESS & ST. JOHN'S POINT

Situated a few miles outside of Donegal Town, Mountcharles is a tidy little coastal village overlooking Donegal Bay. In the village is an attractive water pump dedicated to Séamus MacManus. A local author and historian of repute, his grave is to be found alongside that of his wife, Eithne Carberry, herself a renowned poet and novelist, in the cemetery of the nearby village of Frosses. Also in the village is a fine old, three - storey, Georgian house known as The Hall, one time home to the Conyngham family, former landlords of the region.

The village is well served with a variety of traditional pubs, the Village Tavern and Restaurant is a fine place for a meal where traditional music can be found throughout the season. For the family, traditional music, dance and poetry readings are held regularly on a Tuesday evening in The Tannery Craft and Coffee Shop, a large variety of arts and crafts can also be purchased here.

Mountcharles is a renowned sea angling centre, with boats locally available for hire, for the game angler, both brown trout and rainbow trout fishing can be found on a number of lakes in the area.

On leaving Mountcharles you will see to your right the beautiful Blue Stack Mountains whilst on your left is Donegal Bay. The road continues on to Dunkineely, a tranquil little fishing village. En-route, a visit to the village of Inver is recommended.

Situated off the main road, a few miles outside Mountcharles, it is set on a beautiful point where the river Eany enters Donegal Bay. Accommodation is readily available locally at Mullagh View along with a number of others providers.

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The villages of Dunkineely, Bruckless and St John's Point are located in the ancient Parish of Killaghtee, which hosts a wealth of historical and cultural gems. The history of this area can be traced back some 5000 years, evidence of which is to be found in the castle and friary ruins, wedgetombs and ring forts located nearby. The ideal beginning for your heritage trail would be the Killaghtee Gallery and heritage Centre, located just outside Dunkineely, where the history of the area is replicated in an exhibition. The Gallery, which overlooks St John's Point and Donegal Bay, is an ideal setting for the large selection of beautiful paintings by the artist and owner, Robin Atkinson. Whilst in Dunkineely, a visit to St. John's Point is recommended, at some six miles in length, it is one of the longest headlands in Ireland and is known as Donegal's answer to the Burren. The Grey Limestone slabs which make up this promontory provide an ideal habitat for the multitude of rare plants and March Orchids which thrive here. The safe and well-sheltered beach makes an ideal location for a picnic during a break in your botanical trek.

Located in nearby Bruckless is Deane's Open Farm & Equestrian Centre, a great place for a family day out! Children can pet and feed a variety of farm animals. Horse riding is available in their large indoor and outdoor Arenas, with pony trekking to be had along quiet country roads, or for the more adventurous there is a Cross Country Course. For the visitor who wishes to "get away from it all" there is a circular-walking trail which will take you through some of the most beautiful and serene hills and valleys to be found anywhere in Ireland. Local accommodation is readily available at Bruckless House, with other B&B and Hostel / Camping facilities available nearby.

KILLYBEGS

Situated on the edge of the Atlantic Ocean, some 20kms west of Donegal Town (R263), Killybegs is the ideal base for the visitor to Donegal's beautiful southwest. Killybegs is home to some of the biggest and most modern fishing trawlers in Europe and is Ireland's premier fishing port.

Historical Killybegs

Killybegs and the surrounding area has a large number of sites of archaeological and historical interest including Neolithic Tombs (Foraguide Tel. 07338211) and the man Mass Rocks dating back to the penal times of the 17th century. In 1999, the Croaghlin Mass Rock was restored and made easily accessible to the public. This was one of the Millennium projects undertaken by the local community.

Donegal Carpets, established by Alexander Morton in 1878, are renowned throughout the world for the luxurious, handknotted carpets that they produce. These carpets grace The White House, Dublin Castle and great many stately homes throughout the world. For a comprehensive historical tour of Killybegs, enquire at your accommodation for details.

Useful Telephone Numbers

Guided Hill Walks, Tel. 073 38211.

Scenic Cruise in Donegal Bay, Tel. 073 31144.

Indoor and Outdoor Equestrian Centre, Tel 073 37160.

Leisure Centre, Tel 073 31950.

As the road to Carrick climbs out of Killybegs and swings to the west, there is a viewing point offering spectacular views over the beach at Fintragh Bay and Donegal Bay beyond. Fintragh Beach is one of the many Blue Flag beaches found around the Donegal Coast, the beach offers safe and clean bathing throughout the year.

Continuing west, you will delight at the wonderful seascapes to the left and the great bulks of Croworavard and Mulnanaff Mountains looming before you. Leave the main road, left and take the very scenic but narrow road to Kilcar (Cill Charthg).

KILCAR, CARRICK & MEENANEARY

Baile tuaithe le scoth na dtíthe tábhairne agus ceol traidisiúnta. Tá baile iascaireachta Theileann thíos an bealach le saibhreas Gaeltachta nach féidir a shárú agus beanna arda Shliabh Liag ag tabhairt foscadh na h-aimsire.

The three villages of Kilcar, Carrick and Meenaneary are the cornerstones of an area renowned for the wealth of its traditional music, arts and crafts.

Kilcar, nestling in the valley between Crough Muckross and Cronarad, is known as the Gateway to Donegal's southwest Gaeltacht. This picturesque village lies some eight miles west of Killybegs and is a centre of traditional handwoven tweeds, knitwear and other cottage industries.

At Muckross Head, located two miles south of the village, are some fine sea cliffs with caves, which can be explored when the tide is right. There are a number of sites of historical and archaeological interest to be found locally including St Cartha's Church where you will see some of the finest stained glass church windows.

Around the village is a walkway that will take you through some of the most scenic countryside in the county. The area is ideally suited for hill walkers; beginners will love the gentle walks on the many country roads and nearby hills.

The village of Carrick is known as The Gateway to Teileann and Sliabh League. Of historical interest is Saint Columba's Church as inside is a perfect example of a gothic revival high altar. This is a friendly little village well served by its lively pub and local restaurant. The area is renowned for its traditional music, song and dance. During the summer months a number of festivals are held including;

An annual Sea Angling Festival and Street Festival in Kilcar, the Glen River Summer Festival and Mick & Miceal Carr Memorial Weekend in Meenaneary and the Carrick Fléadh which takes place over the October bank holiday weekend. Large numbers of visitors are attracted to the area to enjoy the craic and join in the festivities.

The three villages of Kilcar, Carrick and Meenaneary ensure that the area forms the ideal base from which to explore the hinterland and Sliabh League, whose sea - cliffs at 1972 feet, are the highest in Europe.

In addition to the excellent trout and salmon fishing in the area, specifically the Glen River, the waters off of the coast offer fantastic fishing to the sea angler with prolific numbers of fish being caught including Shark, Conger, Cod, Pollock, Haddock, Whiting, Ling, Monk and many more.

There are horse-riding facilities nearby offering the opportunity to get on your horse and enjoy a day in the saddle. There are a number of trails that cover some of the finest scenery in the county.

There are a number of traditional crafts and cottage industries with a selection of fine craft shops and outlets where you can obtain the ideal gift or souvenir of your visit to the area.

The area is well served with a range of bed and breakfast and hostel accommodation, with camping facilities available locally.

In addition to the festivals, there are a number of fine pubs where the visitor is made to feel very welcome, where you can enjoy your pint, the craic and a true taste of Ireland! The villages and surrounding area have some fine restaurants with varied menus ranging from traditional Irish cuisine to the more exotic (REF 6).

DONEGAL COUNTRYSIDE

Donegal Bay has many towns, villages and communities where one can experience the essence of Donegal charm and welcome. At Creevy Pier one can stay in the beautifully restored traditional stone cottages and enjoy sea angling from the pier. Cashelard has many quiet, scenic country walks ideal for exploring the beauty of the surrounding countryside and a wide range of coarse angling lakes. In Donegal Town, one can visit the fine restored Donegal Castle, the Railway Museum/Heritage centre and Craft Village. Pettigo, close to the renowned religious retreat of Lough Derg, has good game and coarse angling lakes (REF 2).

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Appendix C3

Site Descriptions of the Designated NHA's Within the Donegal Bay Catchment Area

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Appendix C3.1. Site Descriptions of the Designated NHA's Within the Donegal Bay Catchment Area

SITE SYNOPSIS

SITE NAME: BALLINTRA

SITE CODE: 000115

Ballintra Hill is situated 8 km south of Laghy. It is a low hill with almost bare limestone near the summit and scrub woodland on its sides. Areas of calcareous grassland also occur within the site.

The summit of the hill is covered with pulverized limestone and supports a sparse flora which includes Blue Moor-grass (*Sesleria albicans*), Common Milkwort (*Polygala vulgaris*), Fairy Flax (*Linum catharticum*), Common Bird's-foot Trefoil (*Lotus corniculatus*), Burnet Rose (*Rosa pimpinellifolia*), Red Fescue (*Festuca rubra*), Juniper (*Juniperus communis*) and Quaking-grass (*Briza media*).

On the areas of deeper soil, which are more peaty in nature, a heathy vegetation occurs with abundant Heather (*Calluna vulgaris*), Bell Heather (*Erica cinerea*), Mountain Everlasting (*Antennaria dioica*) and Soft Rush (*Juncus effusus*).

Coppiced scrub covers much of the hill-side. The main species are Hazel (*Corylus avellana*), Hawthorn (*Crataegus monogyna*) and Ash (*Fraxinus excelsior*). The ground flora is rich in Bluebell (*Hyacinthoides non-scripta*), Wood Anemone (*Anemone nemorosa*), Pignut (*Conopodium majus*) and Wood Sorrel (*Oxalis acetosella*).

Common Rockrose (*Helianthemum nummularium*) occurs within the site. This species occurs at only one location in Ireland, although it is widespread in Britain. It is listed in the Irish Red Data Book and is protected under the Flora Protection Order (1987).

Grazing by sheep and cattle is widespread in the area. The peaty soils near the base of the hill are particularly badly effected by poaching.

This site is of national importance as it is the only known Irish locality for the Common Rockrose. It is also one of the most northerly Irish outposts of typical limestone flora.

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SITE SYNOPSIS

SITE NAME: CARRICKNAHORNA LOUGH AND LOUGH GORMAN

SITE CODE: 002068

The main habitat of interest at this site are the Marl lakes, around the margins Marl flats, which are the best examples in Donegal, occur in shallow water. These areas support fen vegetation dominated by Black Bog-rush (*Schoenus nigricans*) and Variegated Horsetail (*Equisetum variegatum*). The latter is a local species, confined mostly to the centre of Ireland. Other species, found fringing the lakes and colonising the marl flats, include Reeds (*Phragmites australis*), Great Fensedge (*Cladium mariscus*) Tufted Sedge (*Carex elata*), Few-flowered spike-rush (*Eleocharis quinqueflora*) and Broad-leaved Cottongrass (*Eriophorum latifolium*).

The limestone habitats associated with these lakes add to the diversity of the site. These include damp calcareous grasslands, limestone grasslands, limestone pavement and hazel (*Corylus avellana*) woodlands. Blue moor-grass (*Sesleria albicans*) is a characteristic species of these limestone grasslands while a local species, rough horsetail (*Equisetum hyemale*) is found in the woodlands.

The main land-use within the site is cattle grazing. This has caused some damage by overgrazing and trampling, especially in the woodlands and may lead to some eutrophication of the lakes.

SITE SYNOPSIS

SITE NAME: COGUISH BOG

SIDE CODE: 001938

This site is located 3km north-east of Carrick Village, Co. Donegal and lies between the Rivers Crow and Glenaddragh. The site is underlain by the metamorphic rock pelite and this is exposed on the rocky summits of Crockmeenabrade (331m) and Croaghnabradden (278m).

This site shows a gradual transition of vegetation types. Adjacent to the Crow River purple moor grass (*Molinia caerulea*) is dominant, this gradually gives way to deer grass (*Scirpus cespitosus*) and ling (*Calluna vulgaris*) dominated bogs. On the flatter areas this becomes most interesting with pools and sphagnum mosses including *Sphagnum cuspidatum*, *Sphagnum capillifolium* and *Sphagnum papillosum*. Small cushions of the moss *Racomitrium lanuginosum* also occur here.

On the steeper slopes leading up to the summits of Crockmeenabrade acid grassland dominated by mat grass (*Nardis stricta*) occurs. This gradually gives way to the eroded ling (*Calluna vulgaris*) dominated summits. The blanket bog has many areas of hand cutting. Machine cutting is also occurring and this is potentially very serious.

Despite the encroachment of forestry and machine peat extraction on this site it still contains some areas of deep peat with interesting bog communities. The gradual gradation of vegetation types from the river sides to the summit tops is also of interest. A hare was also seen on the site.

SITE SYNOPSIS

SITE NAME: CROWDOO BOG

SITE CODE: 001878

Crowdoo Bog is situated immediately south of the Owentaking River, NE of Meenaneary in SW Donegal. The site includes both northern and southern hillslopes, but excludes areas that have been coniferised or excessively afforested with peat.

Blanket bog vegetation covers virtually the whole site, with common plants long Poyle Moor Grass (*Molinia arenlea*), Deergrass (*Scirpus caespitosus*), various mosses - especially *Sphagnum* varieties - Heather (*Calluna vulgaris*) and Heath Rich (*Juncus squarrosus*). Much of the northern slope of Crocknamarra appears to be recovering from more intensive use in the past and the vegetation is quite sparse. Other parts of the site are suffering from overgrazing by sheep and by removal of peat. Erosion is occurring on both hilltops.

A little wet grassland occurs at the bases of the slopes, with Beat grasses (*Agrostis* spp.), Yorkshire Fog (*Holcus Canatus*), the moss *Polytrichum commune* and Soft Rush (*Juncus effusus*) being frequent.

This scenic area forms a valuable part of the bog systems in the area.

SITE SYNOPSIS

SITE NAME: DUNRAGH LOUGHS/PETTIGO PLATEAU

SITE CODE: 001125

Dunragh Lough/Pettigo Plateau is located 10 km east- south-east of Donegal town on the western shore of Lough Derg. It comprises an extensive complex of blanket bog, wet heath, lakes and pools covering an area of low hills and broad basins. It is bounded by extensive conifer plantations and areas of turbary. The site is underlain by metamorphic gneiss and schist.

A large area of good quality, almost undisturbed, blanket bog of the lowland/highland type is found on the site. It supports species typical of the habitat and has a range of microtopographical features (e.g. hummocks, inter-connecting pools and flushes), species and vegetation communities. It is largely dominated by Deergrass (*Scirpus cespitosus*), Common Cottongrass (*Eriophorum angustifolium*), Heather (*Calluna vulgaris*), Purple Moor-grass (*Molinia caerulea*) and *Sphagnum* mosses.

The site also includes large areas of wet heath, which support plant species and vegetation communities typical of the habitat. Heath occurs in association with blanket bog on the site and with the many lakes and pools that also occur. These lakes are of the oligotrophic (nutrient-poor) type and contain a typical flora of Common Reed (*Phragmites australis*), Great Fen-sedge (*Cladium mariscus*), Bottle Sedge (*Carex rostrata*), Bulrush (*Typha latifolia*), Broad-leaved Pondweed (*Potamogeton natans*), Bulbous Rush (*Juncus bulbosus*), Water Horsetail (*Equisetum fluviatile*) and Sharp-flowered Rush (*Juncus acutiflorus*), amongst others.

A number of regionally scarce plants are found in association with bog, heath and lakes on the site, i.e. Cranberry (*Vaccinium oxycoccos*), Cowberry (*Vaccinium vitis-idaea*) and the Bog Mosses, *Sphagnum fuscum* and *S. imbricatum*.

The site is used by several bird species that are listed on Annex I of the EU Birds Directive: both Merlin and Golden Plover breed and a nationally important flock of Greenland White-fronted Geese (120 birds in 1994/95) feed on the site. Red-

throated Diver have been reported from the site; Snipe also occur and probably breed.

The site is of major importance for the large, mostly intact areas of good quality blanket bog and wet heath found - some of the most extensive areas of these habitats remaining in the county. Both habitats are listed on Annex I of the EU Habitats Directive, the former with priority status, and, as such, are of considerable conservation significance. The site is of additional importance for the populations of several Red Data Book/Annex I EU Birds Directive bird species that use it. Part of the site has been designated a Special Protection Area, a Statutory Nature Reserve and a Biogenetic Reserve, and is also listed under the RAMSAR Convention.

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SITE SYNOPSIS

SITE NAME: DURNESH LOUGH

SITE CODE: 000138

This site is situated on the southern side of Donegal Bay, and is about 10 km north of Ballyshannon. The underlying geology of the area is limestone but this is covered by a thick layer of clay drift deposits in the form of drumlins.

Durnesh Lough is a large, sedimentary lagoon, a habitat listed on Annex I of the EU Habitats Directive, which is separated from the sea by a barrier that is composed partly of drumlins and partly high sand dunes with the remains of a cobble barrier in places. The lagoon formerly had a natural outlet to the sea but the outlet is now an artificial channel and pipe running under the sand dunes which appears to allow a certain amount of seawater to enter. The lagoon is shallow (0.5-1.5m), oligohaline (0-7 ppt) and substrate is mostly clean sand with finer organic sediments in sheltered areas. The aquatic flora is diverse, with two species of Tasselweed (*Ruppia cirrhosa*, *R. maritima*) and the Red Data Book charophyte *Chara canescens*. The fauna is also diverse, with 48 taxa recorded including six lagoonal specialists and at least two rare species (*Gammarus chevreuxi*, *Cordylophora caspia*). Based on geomorphology, flora and fauna, the lagoon is ranked amongst the best 10 lagoons in the country

The lagoon is shallow with both stony and muddy shores. In the stony areas, Shoreweed (*Littorella uniflora*) and Common Club-rush (*Scirpus lacustris*) are the dominant plants. In the muddy areas, the emergent vegetation is much more dense and varied and includes Bulrush (*Typha latifolia*), Common Club-rush, Yellow Iris (*Iris pseudacorus*), Mare's-tail (*Hippurus vulgaris*) and Reed Canary-grass (*Phalaris arundinacea*).

Extensive reedbeds occur beside the lough. These are dominated by Common Reed (*Phragmites australis*), Bulrush (*Typha latifolia*), and Common Club-rush (*Scirpus lacustris*). Areas dominated by Bog Cotton (*Eriophorum angustifolium*) are also present here.

Large areas of wet grassland occur adjacent to the lake. These areas are liable to flooding and abundant species here include Soft Rush (*Juncus effusus*), Creeping

Bent (*Agrostis stolonifera*), Cuckooflower (*Cardamine pratensis*), Marsh Marigold (*Caltha palustris*), Wild Angelica (*Angelica sylvestris*), Water Mint (*Mentha aquatica*) and Bog-sedge (*Carex limosa*). Some examples of wet grassland on the site are referable to *Molinia* meadows, a habitat type listed on Annex I of the EU Habitats Directive.

This site also includes sandhills, coastal beaches, a cobble storm-beach, sand-covered drumlins and a small coastal lagoon. A series of smaller loughs, Drumoske, Drumhoe and Birra are also included. All these areas are of general ecological interest.

The large areas of wet grassland adjacent to the lake provide important feeding areas for swans and geese; nationally important numbers of Greenland White-fronted Geese (148) and regionally important numbers of Mute Swan (91), Bewick's Swan (13) and Whooper Swan (58) are found here. Bewick's Swan, Whooper Swan and Greenland White-fronted Geese are all species listed on Annex I of the EU Birds Directive. Regionally/locally important numbers of Wigeon (37), Pochard (116), Tufted Duck (30), Goldeneye (39), Scaup (23) and Coot (210) also occur on Durnesh Lough. All figures are maximum winter averages over the period 1994/5 to 1997/8.

Otter, a species listed on Annex II of the EU Habitats Directive, has also been recorded at this site.

This site contains an excellent example of a lagoon, a priority habitat on Annex I of the EU Habitats Directive, and a second Annex I habitat *Molinia* meadows, is also present. Durnesh Lough also supports populations of three species listed on Annex I of the Birds Directive (Bewick's Swan, Whooper Swan and Greenland White-fronted Geese) and one species listed under Annex II of the Habitats Directive (Otter). The wetlands and sandhills add further botanical and ecological interest to the area.

SITE SYNOPSIS

SITE NAME: ERNE ESTUARY/FINNER DUNES

SITE CODE: 000139

The Erne Estuary/Finner Dunes occupies the area immediately west of Ballyshannon, and is an amalgamation of two former Areas of Scientific Interest, the Erne Estuary and Finner Dunes. The area is underlain by Carboniferous limestone, shale and sandstone, but recent blown sand and other deposits mask much of the solid geology under the site.

Much of the site is composed of a complex of intertidal habitats such as mud and sand flats, sandy and shingle beaches and sea bays, but in places a fringe of saltmarsh occurs on the shoreline. Common plants in these situations are Thrift (*Armeria maritima*), Common Scurvygrass (*Cochlearia officianlis*), Sea Rush (*Juncus maritimus*) and Sea Plantain (*Plantago maritima*). Brown seaweeds (*Fucus* spp.) are often abundant on rocks low down the shore.

A large area of sand dunes occupy the southern side of the site. Very evident there is Marram (*Ammophila arenaria*). Younger dunes support Red Fescue (*Festuca rubra*), Sand Sedge (*Carex arenaria*), Creeping Bent (*Agrostis stolonifera*), Wild Thyme (*Thymus praecox*) and an abundance of the moss *Rhytidiadelphus squarrosus*. Parts of the stable dunes are herb-rich, with Creeping Willow, (*Salix repens*), Common Birds-foot-trefoil (*Lotus corniculatus*), Wild Pansy (*Viola tricolor*), Primrose (*Primula vulgaris*) and White Clover (*Trifolium repens*) among the common plants. A scrub of Blackthorn (*Prunus spinosa*) is developing on the older dunes, while wetland communities occur in wetter dune hollows. Yellow Iris (*Iris pseudacorus*), Cuckooflower (*Cardamine pratensis*), Marsh Marigold (*Caltha palustris*) and Marsh Horsetail (*Equisetum palustre*) are frequent in these localised wetlands.

Small areas of cliff, heath, fen and reedbed give further habitat diversity to the site.

The site is particularly important as a feeding area for waterfowl. Two species occur at nationally important levels, namely Red-breasted Merganser (32, average peak 1984/85 - 1985/86) and Sanderling (93, average peak 1984/85 - 1986/87). Other birds present in significant numbers include Cormorant (41), Wigeon (60),

Teal (73), Long-tailed Duck (15), Oystercatcher (96), Ringed Plover (35), Lapwing (44) and Dunlin (61). (All average peaks from 11 counts over 2 seasons made between 1984/85 and 1985/86).

In addition to these winter figures a very large congregation of Red-breasted Merganser occupies the area in late Summer during the annual moult, with 350 recorded on 24/8/85 and 657 on 16/8/86. Cormorants are also present in large numbers in autumn, with 250 recorded on 25/8/85. The Long-tailed Ducks are probably part of the same flock recorded for Bundoran. There was an additional count of 100 Sanderling on 17/12/87, giving a three year peak of 93.

Erne Estuary/Finner Dunes contains good example of a number of coastal habitats and, furthermore, provides important feeding grounds for several waterfowl species.

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SITE SYNOPSIS

SITE NAME: LOUGH ESKE AND ARDNAMONA WOOD

SITE CODE: 000163

Lough Eske is a large lowland oligotrophic lake, a habitat listed on Annex I of the EU Habitats Directive. It lies approximately 5 km north-east of Donegal town at the junction of Carboniferous rocks with more resistant Dalradian gneiss and granite. The site also includes the River Eske and a short section of the Lowerymore River.

The shore of Lough Eske has a diverse and interesting flora which reflects the contrasting geology within the site. It includes heath-covered peninsulas, rocky shores, small flushes, wet and dry woodland fringes, occasional *Phragmites* reedbeds, small freshwater marshes and some interesting species-poor fen communities - particularly on the northern shore of the lake - which are typified by Star Sedge (*Carex echinata*). In addition there are also small, but relatively intact, very wet areas of blanket bog.

Ardnamona Wood, on the western side of the lake, is an old oak woodland, a habitat listed on Annex I of the EU Habitats Directive. It is of great scientific interest for its size, naturalness and flora. It displays a habitat range from dry areas dominated by Pedunculate Oak (*Quercus robur*) to wet woodland with Alder (*Alnus glutinosa*). Ash (*Fraxinus excelsior*), Rowan (*Sorbus aucuparia*) and Downy Birch (*Betula pubescens*) also occur in the high canopy with Holly (*Ilex aquifolium*), Hazel (*Corylus avellana*) and Willow (*Salix* spp.) in the understorey. Oak and Birch woodland are also found along the valley of the Lowermore River. The north side of this valley also has some petrifying springs, a priority Annex I habitat under the EU Habitats Directive.

The Killarney Fern (*Trichomanes speciosum*), a Red Data Book species listed in Annex II of the EU Habitats Directive and included under the Flora Protection Order, occurs in the site. Two other rare plants, Whorled Caraway (*Carum verticulatum*) and Six-stamened Waterwort (*Elatine hexandra*), are also present.

Important animals recorded from the site include the Freshwater Pearl Mussel (*Margaritifera margaritifera*), which is included in Annex II of the EU Habitats

Directive, and the Arctic Char (*Salvelinus alpinus*) a rare fish listed in the Red Data Book of Irish vertebrates.

A number of exotic species, notably *Rhododendron ponticum*, have become established in Ardnamona Wood and represent a threat to the ecological value of the habitat. The lake and its flora and fauna are vulnerable to pollution from the surrounding agricultural land and also from an increase in domestic waster effluent.

This site contains three habitats listed in the EU Habitats Directive - lowland oligotrophic lake, petrifying springs and old oak woodland. Two threatened species which are also included in the Habitats Directive - the Killarney Fern and the Freshwater Pearl Mussel - are also present in the site.

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SITE SYNOPSIS

SITE NAME: INISHDUFF

SITE CODE: 000151

Inishduff is a small, rocky, uninhabited, marine island situated 8 km south-west of the town of Killybegs. The island is low-lying and flat-topped and supports a vegetation of short grassland.

The island has particular importance as a breeding site for seabirds. The following species have been recorded from the site: Storm Petrel (400 pairs pre-1987, one of the five most important colonies in Co. Donegal known at the time), Shag (116 pairs pre-1987), Great Black-backed Gull (150 pairs in 1980/81), Herring Gull (400-500 pairs in 1980/81), Black Guillemot (10 pairs pre-1987), Eider (pre-1973). The site also supports regionally important numbers of Barnacle Goose (approximately 70 individuals pre-1987, 20 in 1993 and 55 in 1994) which feed here over the winter.

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SITE SYNOPSIS

SITE NAME: LOUGH DERG (DONEGAL)

SITE CODE: 000162

Lough Derg is a large oligotrophic lake situated north of Pettigo. This is an area of extensive blanket bogs and conifer plantations which make up the lake catchment. The underlying geology of the area is acid gneiss with some basic intrusions. Marginal vegetation is poorly developed due to the close proximity of the conifer plantations although good examples of wetland scrub occur on the lake shores and islands.

The lake shore has a sparse covering of Shoreweed (*Littorella uniflora*), Water Lobelia (*Lobelia dortmanna*) and the moss *Fontinalis antipyretica*. Broad-leaved Pondweed (*Potamogeton natans*) and Bulbous Rush (*Juncus bulbosus*) are found on the margins. There are areas of scrub surrounding parts of the lake margins and on the ungrazed islands. These are composed of Alder (*Alnus glutinosa*), Willow (*Salix* spp.), Rowan (*Sorbus aucuparia*) and Silver Birch (*Betula pendula*). Understory plants include abundant ferns and mosses. Small pockets of conifer plantation, close to the lake, is included in the site.

Areas of wet grassland occur in places with Purple Moor-grass (*Molinia caerulea*), Bog-myrtle (*Myrica gale*), Jointed Rush (*Juncus articulatus*) and Meadowsweet (*Filipendula ulmaria*). There is also some Royal Fern (*Osmunda regalis*), Wild Angelica (*Angelica sylvestris*) and Marsh-marigold (*Caltha palustris*). Other wet areas include Horsetails (*Equisetum* spp.), while more boggy areas have a good covering of Bog Mosses (*Sphagnum* spp.).

Some dry, steep slopes support Great Wood-rush (*Luzula sylvatica*), Heather (*Calluna vulgaris*), Bell Heather (*Erica cinerea*), Bilberry (*Vaccinium myrtillus*) and Bracken (*Pteridium aquilinum*).

The Rare Narrow-leaved Helleborine (*Cephalanthera longifolia*) occurs on the shores of the lake. This species is listed in The Irish Red Data Book.

The site is important for Arctic Char (*Salvelinus alpinus*), which was last recorded there in 1990/91. This species is listed in The Irish Red Data Book as threatened in Ireland.

The lake is a large cool oligotrophic water body of relatively high quality, with a good species diversity along its shores. The presence of the Arctic Char adds to the site's overall importance.

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SITE SYNOPSIS

SITE NAME: LOUGH FAD BOG

SITE CODE: 001159

Lough Fad Bog is an extensive area of highland blanket bog located on a series of gently sloping plateaux separated by hills and east-west trending ridges 10km west-northwest of Pettigo. The underlying geology is acid grasses and this is exposed as rocky knolls. The extensive Tamur Bog National Heritage area lies to the south of this site, separated by a band of planted forest, mainly conifer.

The area is predominately Highland Blanket Bog. The peat layer is quite thin and the vegetation is comprised of a dense sword of Lung (*Callina Vulgaris*), Purple Moor-grass (*Melinia coerulea*), Deer Grass (*Scirpus caespitosus*) and Bog Cotton (*Erophorum angustifolium*). There are also localised flushes and wet areas with abundant Rushes (*Juncus articulatus*) and Sedges (*Coex rostrata*).

Hen Harrier and Golden Plover species listed under Annex I of the EU Birds Directive have been recorded at this site. Sparrow Hawk have also been seen here. These species are all listed in the Irish Red Data Book as being threatened in Ireland.

Most of this site is used for sheep grazing and in some areas the bog is quite overgrazed.

This site is predominantly a bog site with areas of active peat growth and good sphagnum cover. Active blanket bogs are listed under Annex I of the Habitats Directive. □

SITE SYNOPSIS

SITE NAME: LOUGH GOLAGH AND BREEZY HILL

SITE CODE: 002164

This site is situated midway between Ballyshannon and Pettigo in south Donegal. Its eastern boundary, follows border between Donegal and Fermanagh. It includes Breezy Hill (alt. 264 m), Crumnalannav Hill and several medium-sized lakes (L. Golagh, L. Lee, L. Unshin, L. Finn and L. Cam). Much of the site is underlain by acid gneiss, which commonly crops out on higher ground. These rocks meet limestone in the northern section of the site, at L. Golagh and L. Lee, which are underlain by both rock types.

Blanket bog is the main habitat found on the site. This is mostly dominated by Purple Moor-grass (*Molinia caerulea*), with Heather (*Calluna vulgaris*), Deergass (*Scirpus cespitosus*), Black Bog-rush (*Schoenus nigricans*) and the lichen, *Cladonia portentosa*, occurring commonly. Pool and hummock systems are found in several areas; particularly well-developed systems are found in the southern section of the site and on the south-western side of L. Lee. Of note is the presence in these areas of hummocks of the scarce Bog Moss, *Sphagnum imbricatum*.

South-west of Breezy Hill is an area of old, re-generating cutaway bog with wet trenches, filled by Bog Moss (*Sphagnum* spp.) and dry banks colonised by Purple Moor-grass and Heather.

Several streams and lakes occur within the site. Black Bog-rush, Great Fen-sedge (*Cladium mariscus*) and Common Reed (*Phragmites australis*), frequently occur in flushed areas by streams. The aquatic vegetation of the lakes includes such species as Water Lobelia (*Lobelia dortmanna*), Shoreweed (*Littorella uniflora*), Spiked Water-milfoil (*Myriophyllum spicatum*), Bog Pondweed (*Potamogeton polygonifolius*) and the occasional Stonewort (*Nitella flexilis*). Emergent communities include such species as Common Reed, Bottle Sedge (*Carex rostrata*), Great Fen-sedge and Common Club-rush (*Scirpus lacustris*).

The geological variation in the substrate of L. Golagh and L. Lee adds to the habitat diversity of the site. On the eastern shores of these lakes (underlain by acid gneiss) blanket bog, scrub and heath occur, while on the western margins

(underlain by limestone) several areas of base-enriched fen and sedge-rich communities are found. Plant species found in these fen areas include Tufted Sedge (*Carex elata*), Black Bog-rush, Common Butterwort (*Pinguicula vulgaris*) and Early-purple Orchid (*Orchis mascula*). Blue Moor-grass (*Sesleria albicans*), Juniper (*Juniperis communis*), Common Knapweed (*Centaurea nigra*), Bitter-vetch (*Lathyrus montanus*), among other species, occur on outcropping limestone by the shores of these lakes.

The site includes a small area of dry, broad-leaved, semi-natural woodland dominated by tall, mature Sessile Oak (*Quercus petraea*) and Hazel (*Corylus avellana*). Active Badger setts occur within the woodland.

An island in Lough Golagh supports a colony of Common Tern (40 pairs in 1984, 9 nesting sites in 1992) and Black-headed Gull (350 pairs in 1977, 256 nesting sites in 1992). The former species is listed on Annex I of the EU Birds Directive. Other birdlife found on the site includes Grey Heron, Kestrel, Raven, Red Grouse, Snipe, Stonechat and Woodpigeon.

Grazing by sheep and cattle occurs throughout the site, and in some areas this has resulted in damage to the vegetation cover and peat surface. Peat extraction by machine has damaged some areas of blanket bog.

Most of the site comprises a largely intact example of upland blanket bog, a priority habitat listed on Annex I of the EU Habitats Directive. The site is contiguous with an area of blanket bog on the Fermanagh side of the border. The juxtaposition of acidic and alkaline rock types adds to the botanical and ecological diversity of some of the lakes on the site. Of additional conservation significance is the presence of the Gull/Tern colony at L. Golagh.

SITE SYNOPSIS

SITE NAME: LOUGH MELVIN

SITE CODE: 000428

Lough Melvin is situated in the extreme north-west of Leitrim, about 4 km south of Bundoran. The area is underlain by sedimentary calc-limestone, shale and sandstone. Lough Melvin is an oligo-mesotrophic lake, a habitat covered by the upland oligotrophic lake category listed on Annex I of the E.U. Habitats Directive. The lake is approximately 13 km long by 3 km wide. The mean depth of the lake is 8.5 m, the maximum depth being 45 m. A number of inflowing and outflowing streams and rivers are included in the site, for instance, the Drowes River links the lake to Donegal Bay. Several large islands occur on the lake.

The lake has a good diversity of aquatic plants, including Quillwort (*Isoetes lacustris*), Shoreweed (*Littorella uniflora*), Alternate Water-milfoil (*Myriophyllum alterniflorum*), Water Lobelia (*Lobelia dortmanna*), Canadian Waterweed (*Elodea canadensis*) and several species of Pondweed (*Potamogeton gramineus*, *P. lucens*, *P. x nitens*). Swamp vegetation is generally sparse, being best developed in the sheltered bay areas. Species include Reeds (*Phragmites australis*), Common Spike-rush (*Eleocharis palustris*) and Common Club-rush (*Scirpus lacustris*).

The most extensive terrestrial habitat in the site is lowland wet grassland. This is highly variable throughout the site in both its species composition and species richness. Common species include Jointed Rush (*Juncus articulatus*), Soft Rush (*J. effusus*), Marsh Pennywort (*Hydrocotyle vulgaris*), Yellow Iris (*Iris pseudacorus*), Water Mint (*Mentha aquatica*), Silverweed (*Potentilla anserina*), Creeping Soft-grass (*Holcus mollis*) and Devil's-bit Scabious (*Succisa pratensis*).

Wet deciduous woodland, dominated by Alder (*Alnus glutinosa*), Goat Willow (*Salix caprea*) and Downy Birch (*Betula pubescens*), is common in places. Ground flora species under these canopies include Lesser Burdock (*Arctium minus*), Wild Angelica (*Angelica sylvestris*) and Common Spike-rush (*Eleocharis palustris*).

Drier woodland exists in other areas, with Hazel (*Corylus avellana*), Ash (*Fraxinus excelsior*), Holly (*Ilex aquifolium*) and Hawthorn (*Crataegus monogyna*). Some

stands have a rich ground flora that includes Primrose (*Primula vulgaris*), Wood-sorrell (*Oxalis acetosella*), Bluebell (*Hyacinthoides non-scripta*), Honeysuckle (*Lonicera periclymenum*) and Sanicle (*Sanicula europaea*). The fern community is well developed in places with such species as Male-fern (*Dryopteris filix-mas*) and Hart's-tongue (*Phyllitis scolopendrium*) present.

Four plant species which are listed in the Irish Red Data Book, Globeflower (*Trollius europaeus*), Marsh Helleborine (*Epipactis palustris*), Blue-eyed-grass (*Sisyrinchium bermudiana*) and Tea-leaved Willow (*Salix phylicifolia*), are found in this site. The Globeflower is also protected under the Flora Protection Order (1987).

However, the main interest of the site is the unique fish community which the lake supports. Lough Melvin is an excellent example of a natural, post-glacial salmonid lake. A relict population of the Arctic Char (*Salvelinus alpinus*), which constitutes an arctic-alpine element of the Irish fauna, occur there, as does the Atlantic Salmon (*Salmo salar*). Both of these species are listed in the Irish Red Data Book.

Lough Melvin has three races of Brown Trout (*Salmo trutta*) - Ferox, Sonaghen and Gillaroo - which have distinctive characteristics and separate spawning grounds. The lake's inflowing and outflowing streams which are used for spawning by these Brown Trout races are included in the site.

Moderate numbers of waterfowl use the lake and Greenland White-fronted Geese, a species listed on Annex I of the EU Birds Directive, have occasionally been reported from the site.

The lake is used for boating, fishing and water abstraction, while much of the terrestrial part of the site is used for grazing. Consequently, the main threats to the site are from agricultural pollution and recreational pressure.

Lough Melvin is an example of a lake type that is of conservation significance and that is listed on Annex I of the E.U. Habitats Directive. The site is also important due to the presence of a unique fish community, including two Red Data Book species, and a diverse flora which includes a number of rare plants, most notably, the protected Globeflower.

SITE SYNOPSIS

SITE NAME: LOUGH UNNA/LOUGH UNSHAGH BOGS

SITE CODE: 000167

The predominant vegetation is blanket bog, with Heather (*Calluna vulgaris*), Purple Moor-grass (*Molinia caerulea*), Deergrass (*Scirpus cespitosus*), various *Sphagnum* mosses and Cottongrasses (*Eriophorum* spp.) occurring commonly. In some areas pools add diversity and a scraw (floating) vegetation on the western side of Lough Unshagh is especially interesting.

Peat extraction activities and overgrazing have resulted in the degradation of areas of the site.

The site is valuable as a winter feeding site by Greeland White-fronted Geese and it is also used by Whooper Swan and Red-throated Diver. All three species are listed on Annex I of the EU Birds Directive. Much damaged land is included in the site in order to achieve a protective area around the key geese feeding sites close to the two loughs.

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SITE SYNOPSIS

SITE NAME: MEENAGUSE/ARDBANE BOG

SITE CODE: 000172

This site is situated approximately 9 km north-west of Donegal town and 7 km west of Lough Eske, in the foothills of the Blue Stack Mountains. It is underlain by Carboniferous limestones and shales.

It comprises a complex of highland blanket bog, lakes, flushes, upland acid grassland and heath, and contains several headstreams of the Eany Beg Water and the Eany More Water rivers, which flow southward to the sea at Inver Bay. Blanket bog occurs in a mosaic with mesotrophic flush and fen communities in low-lying areas and with acid grassland and heath on the hills.

Some intact areas of blanket bog, notably at Ardbane, are particularly wet and quaking, with hummocks of Bog Mosses (*Sphagnum capillifolium*, *S. subnitens*, *S. magellanicum* and *S. imbricatum*), inter-hummock flats with Purple Moor-grass (*Molinia caerulea*), Common Cottongrass (*Eriophorum angustifolium*) and Deergrass (*Scirpus cespitosus*), lawns with Bog Mosses (*Sphagnum auriculatum* var. *auriculatum* and var. *inundatum*), and inter-connecting pools with Bogbean (*Menyanthes trifoliata*), Bog-sedge (*Carex limosa*) and Lesser Bladderwort (*Utricularia minor*). Flushed areas with Black Bog-rush (*Schoenus nigricans*), Slender Sedge (*Carex lasiocarpa*) and Bog-myrtle (*Myrica gale*) are also found at Ardbane. Other similarly wet areas occur in conjunction with flush systems in the vicinity of Meenaguse Lough.

In the drier, upland areas Heather (*Calluna vulgaris*), Heath Rush (*Juncus squarrosus*), Compact Rush (*J. conglomeratus*), Tormentil (*Potentilla erecta*), Purple Moor-grass and Cottongrass (*Eriophorum* spp.) are frequent. In wetter parts, low hummocks of mosses (principally *Racomitrium lanuginosum*, occasionally *Sphagnum capillifolium* and *Polytricum commune*) occur.

Areas of upland acid grassland found on the site are dominated by Sheep's-fescue (*Festuca ovina*), Mat-grass (*Nardus stricta*), Purple Moor-grass, Heath Rush and Sweet Vernal-grass (*Anthoxanthum odoratum*).

A number of regionally scarce plants species occur on the site, including Dioecious Sedge (*Carex dioica*), Long-stalked Yellow-sedge (*Carex lepidocarpa*) and the Bog Moss, *Sphagnum imbricatum*.

Meenaguse/Ardbane Bog is of ornithological importance for the flock of Greenland White-fronted Geese (12-20 individuals in 1994/95) that feed. It is of particular significance as it is one of the few traditional feeding sites on blanket bog that are still used by the species. Greenland White-fronted Goose is an internationally important Red Data Book species that is listed on Annex I of the EU Birds Directive.

Sheep grazing and peat cutting are the main activities carried out on the site. Some areas of the site are eroding, while others have been damaged by peat cutting, particularly by mechanical means. Blanket bog on the site is especially vulnerable to continued and expanding mechanised peat extraction. This also threatens the continued presence of Greenland White-fronted Geese on the site, through disturbance and the loss of feeding sites. The site is also threatened by afforestation.

Meenaguse/Ardbane Bog is important for the complex of wetland habitats that occur - well developed highland blanket bog, a habitat listed, with priority status, on Annex I of the EU Habitats Directive, and several areas of fens and flushes. Despite recent disturbance by peat cutting, the wet bog areas are still used by a flock of Greenland White-fronted Geese, one of the few remaining sites in the country where the species still feeds on bogland vegetation.

SITE SYNOPSIS

SITE NAME: DONEGAL BAY (MURVAGH)

SITE CODE: 000133

This site occupies the inner part of Donegal Bay, immediately to the south-west of Donegal Town. It contains the estuary of the River Eske and a number of other significant rivers. The area is underlain by Carboniferous limestone and shale, although blown sand and other recent deposits obscure much of the solid geology.

Most of the site consists of intertidal habitats, notably mud and sand flats, sea inlets and bays, tidal rivers, estuarine channels and sandy beaches. These areas are generally unvegetated but are obviously nutrient-rich, as extensive beds of shellfish occur in parts of the bay. The following macro-invertebrate species are common throughout much of the bay: *Arenicola marina*, *Hediste diversicolor*, *Scrobicularia plana* and *Macroma bathica*.

Along some parts of the shore, salt marsh has developed. Dominant plants there are Thrift (*Armeria maritima*), Red Fescue (*Festuca rubra*) and Common Scurvygrass (*Cochlearia officinalis*). Sea Arrowgrass (*Triglochin maritima*), Sharp Rush (*Juncus acutus*) and Saltmarsh Rush (*J. gerardi*) are also common, while brown seaweeds (*Fucus* spp.) are abundant lower down the shore profile.

On the stable parts of some of the shingle and boulder beaches, Common Scurvygrass also occurs, along with Silverweed (*Potentilla anserina*) and Sea-milkwort (*Glaux maritima*).

Sand dunes, including fixed dunes a priority habitat listed on Annex I of the EU Habitats Directive, occur in parts of the site, especially at Murvagh. Intact sections contain Sea Sandwort (*Honkenya peploides*) and Marram (*Ammophila arenaria*) in the young dunes, with abundant Marram in the fixed dunes. These stable areas are frequently species-rich, with abundant Field Wood-rush (*Luzula campestris*), a well-developed moss community including *Thuidium tamariscinum* and *Rhytidiadelphus squarrosus*, and herbs such as Common Bird's-foot Trefoil (*Lotus corniculatus*), Wild Thyme (*Thymus praecox*), Heath Dog-violet (*Viola canina*) and Lady's Bedstraw (*Galium verum*). Dune slacks also occur and in one slack the Red Data Book species Round-leaved Wintergreen (*Pyrola rotundifolia*) occurs.

Both Common Scoter and Brent Geese are found in the greater Donegal Bay area, from Bundoran north to Murvagh. The Bay provides one of the most important sites in the country for the Common Scoter, with peak numbers of approximately 1,500 individuals in 1984/85 - 1986/87. This species uses large wintering grounds making counts difficult, but in recent years peaks of 662 birds (1995/96) and 1073 birds (1997/98) have been recorded in the area. Other wintering species of note from the site include Ringed Plover 175, Oystercatcher 119 and Dunlin 221 (Data based on 18 counts from 1984/85 - 1986/87). Small numbers (up to 50) of Greenland White-fronted geese from the Pettigo flock fed at Inishpat Island in the 1980's, but have rarely done so in recent years.

Approximately 140 Common Seal were counted in the bay during the 1984 seal survey, making it one of the largest populations in the country. This species is listed on Annex II of the EU Habitats Directive.

Land use in the area consists of boating and fishing in the bay, with a little shellfish aquaculture. Grazing occurs on terrestrial habitats, while recreational pressures are severe on parts of the dunes. A large part of the dune system is excluded from the site due to its development as a Golf Course and to the presence of conifer plantations. Despite these pressures, the site is of international importance due to the presence of a wide range of habitats, including three listed on Annex I of the EU Habitats Directive, an important seal colony and the occurrence of significant bird populations.

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SITE SYNOPSIS

SITE NAME: OWENDOO AND CLOGHERVADDY BOGS

SITE CODE: 002046

This upland site is situated on the northern slopes of the Croaghbarnes Ridge and Glascarns Hill and extends south to the slopes of the Bluestack Mountains to include Lough Belshade and nearby pools. The site lies some 15 km west-south-west of Ballybofey in South Donegal. Granite forms the bedrock of most of the site and is exposed on the ridgetops. Quartz-rich metamorphic rocks are found in some of the lower sections of the site.

The main habitat on the site is upland blanket bog; other habitats include lakes, wet heath, exposed acid rock, flush communities and upland grassland. The blanket bog is dominated by Bog Cotton (*Eriophorum angustifolium*), Deergrass (*Scirpus cespitosus*), Purple Moor-grass (*Molinia caerulea*) and mosses (*Racomitrium lanuginosum*, *Sphagnum capillifolium* and *S. compactum*). Pool and hummock systems are a feature of the flatter areas, with Heather (*Calluna vulgaris*), mosses (*Racomitrium lanuginosum*, *Sphagnum capillifolium* and *S. papillosum*), lichens (e.g. *Cladonia portentosa*) and the liverwort, *Pleurozia purpurea*, occurring abundantly on the hummocks. The scarce bog boss, *Sphagnum imbricatum*, is a component of some hummocks. *Sphagnum magellanicum* is found in wet flats by pools, while *S. cuspidatum* occurs abundantly within the pools themselves.

Heath is found on the shallow peats and better drained slopes. This is mostly wet heath characterised by Cross-leaved Heath (*Erica tetralix*), Heather, Mat Grass (*Nardus stricta*) and Tormentil (*Potentilla erecta*).

Oligotrophic lakes with Water Lobelia (*Lobelia dortmanna*), Water Horsetail (*Equisetum fluviatile*) and Bulbous Rush (*Juncus bulbosus*) are a feature of the site. Some of the lakes contain floating scraws of bog moss (*Sphagnum recurvum*), Bottle Sedge (*Carex rostrata*), Mud Sedge (*Carex limosa*) and Bogbean (*Menyanthes trifoliata*).

Golden Plover, Peregrine and Merlin, threatened species listed in the Irish Red Data Book and on Annex I of the EU Birds Directive, breed on the site. Red Grouse, a species on the decline in Ireland, occurs on the site, while the scarce

Ring Ouzel has also been known to occur. The site supports Irish Hare, a Red Data Book species.

The site is relatively lightly grazed and is largely unaffected by peat extraction activities. It is particularly vulnerable to afforestation, turbary and over-stocking.

The site is physiographically varied, and relatively remote and undisturbed. It supports a range of habitats, most notably, blanket bog, a habitat listed on Annex I of the EU Habitats Directive, as well as populations of several rare or threatened birds and mammals.

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SITE SYNOPSIS

SITE NAME: RATHLIN O'BIRNE ISLAND

SITE CODE: 000181

Rathlin O'Birne is a medium-sized, rocky, marine island situated 2 km from the mainland and 9 km south-west of the town of Glencolumbkille in Co. Donegal. The bedrock is mostly granite and it rises steeply off the sea floor. There is an unmanned lighthouse on the island.

The reefs around Rathlin O'Birne Island support excellent examples of shallow water kelp (*Laminaria hyperborea*) communities and faunal reef communities that are found on reefs very exposed to wave action. Reefs are listed on Annex I of the EU Habitats Directive.

The brown seaweed *Alaria esculenta*, which is characteristic of wave-exposed communities, dominates the fringe between the intertidal and subtidal areas. It occurs with *Laminaria digitata*, coralline crusts and red algal species, such as *Corallina officinalis* and *Membranoptera alata*; the star fish, *Asterias rubens* is common. Kelp forests of *Laminaria hyperborea* occur on exposed bedrock deeper than 10m, and the anemone, *Phellia gausapata*, which is characteristic of extremely exposed headlands, occurs amongst the kelp to the south of the island. The feather star *Antedon bifida* is frequent in the kelp forests. The kelp becomes sparse in water deeper than 20m and species richness is high (79 species at the north-west tip of the island). Where the reef is composed of boulders, hydroids (*Obelia geniculata*) and bryozoans, including the rose 'coral' *Pentapora folacea*, are common and the kelp parkland overlies dense red algal cover. At 29m, the kelp thins out altogether and the red algae *Dictyota dichotoma*, the brown algae *Dictyopteris membranacea*, the jewel anemone *Corynactis viridis* and the plumose anemone *Metridium senile*, are found. The recently described red algae *Schmitzia hiscockiana* is found in a shallow gully that bisects the island; this species is only known from one other location in Ireland. The brown algae *Carpomitra costata* is also present. It is an uncommon species and generally is only found in clean Atlantic waters.

The reefs in deeper water (30 – 42 m), with animal-dominated communities, have bedrock that is exposed or extremely exposed to wave action and with very weak

to negligible tidal streams. The steeply sloping and vertical bedrock supports the jewel anemone *Corynactis viridis*, the sea anemone *Metridium senile*, the feather star, *Antedon bifida*, turfs of sponges, hydroids and ascidians and the rare sea-slug *Cuthona pustulata*. In one area the bivalve mollusc *Musculus discors* is abundant; this is an uncommon community. The more gently sloping bedrock is characterised by pink coralline crusts, the bryozoan *Parasmittina trispinosa* and the cup coral *Caryophyllia smithii*. Deeper water reefs are characterised by sponges (*Axinella* spp., *Phakellia ventilabrum*, *Stelligera* spp. and *Raspailia ramosa*), the anthozoan *Acyonium glomeratum*, the fragile bryozoans *Pentapora folacea* and *Porella compressa*, the sea-fan *Eunicella verrucosa* and its associated sea-slug *Tritonia nilsodhneri*. This is the most northerly known location for *Eunicella verrucosa* and *Tritonia nilsodhneri*. The rare sea slug *Aldsia zetlandica* has also been recorded in this community.

The sublittoral sediment in this area is composed of pockets of coarse gravel in between rocky reefs. It is characterised by the polychaete worm *Chaetopterus variopedatus* and two star fish, *Astropecten irregularis* and *Luidia ciliaris*; the sea anemone *Peachia cylindrica* is also present.

Rathlin O'Birne is also of ornithological interest. A nationally important flock of Barnacle Geese (345 in 1993; 446 in 1994) regularly feed here in the winter. The site is of particular importance for the seabird colonies that occur: Storm Petrel (500-1000 pairs), Leach's Petrel (15 individuals, possibly breeding), Shag (10 pairs), Herring Gull (460-550 pairs), Great Black-backed Gull (45-60 pairs), Lesser Black-backed Gull (7 pairs), Common Gull (1 pair) and Black Guillemot (16 individuals) (all figures from 1987). Common/Arctic Tern also breed on the island (15 pairs in 1984).

Rathlin O'Birne contains important examples of an Annex I habitat - reefs - which support diverse communities of marine animals and plants including a number of rare species and several species which are at the northern edge of their distribution range. The ornithological importance of the island adds further interest to the site.

SITE SYNOPSIS

SITE NAME : SLIEVE LEAGUE

SITE CODE : 000189

This site encompasses the spectacularly scenic coastline from Glen Bay, at Glencolumbkille, around to a point south-east of Teelin, in south County Donegal. Inland, the uplands of Slieve League (595m O.D.) and Leahan (427m O.D.) are included, with Loughs Agh and Auva.

Along the southern side of the site are very steep, often precipitous slopes and sea-cliffs which are among the highest in Europe (590m O.D.), rising from the sea almost to the summit of Slieve League. Mainly of quartzite, they are capped by an inlier of basal Carboniferous sandstones and conglomerates, a remnant of the Tertiary penepplain. Only parts of the less-steep slopes are vegetated. A heathy vegetation of Ling Heather (*Calluna vulgaris*) and dwarf Bracken (*Pteridium aquilinum*) occurs, with Bearberry (*Arctostaphylos uva-ursi*) and Devil's-bit Scabious (*Succisa pratensis*) and coastal elements including Thrift (*Armeria maritima*), Sea Campion (*Silene vulgaris* subsp. *maritima*) and Rock Samphire (*Crithmum maritimum*). Where slopes are very sheer, there is no vegetation and the cliff faces and scree patches are exposed.

On the northern slopes of the mountain is a fine, north-facing corrie, in which lies Lough Agh. The steep back wall of this corrie is also remarkable for its flora, which consists of an extremely species-rich assemblage of alpine plants, including a number of rare species, including some which are listed in The Irish Red Data Book.

The remainder of the site is predominantly covered with blanket bog. In places, deep erosion channels in the peat expose the full peat profile. A fine example of undrained blanket bog with numerous pools occurs at Lough Auva.

This site is of major ecological importance. Slieve League supports good quality lowland and mountain blanket bog and excellent quality alpine heath and sea-cliff vegetation. The cliffs above Lough Agh support a very rich and diverse montane flora which includes some very rare vascular plants and bryophyte species. The site provides good breeding habitat for several seabird species, and also holds

important populations of Chough and Peregrine. The site is an important feeding site for Barnacle and Greenland White-fronted Geese.

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SITE SYNOPSIS

SITE NAME : SLIEVE TOOHEY/TORMORE ISLAND/LOUGHROS BEG BAY

SITE CODE : 000190

This large and extremely scenic site covers the northern half of the Slieve League peninsula in County Donegal, stretching from Ardara in the east towards Glencolmbkille and Glen Bay in the west. Along its northern side, the site is fringed by a range of coastal habitats, including sea cliffs, stacks, islets, caves, sand dunes, the Loughros Beg Bay estuary and salt marshes. Inland, the area is generally mountainous, rising to 511m O.D. south of Lough Croaghballaghdown. The underlying rock is quartzite.

Blanket bog covers most of the lower slopes inland. The surface of the bog is gently undulating, with a hummock/hollow microtopography. Hummocks are formed of Bog Mosses (*Sphagnum* spp.) including such species as *Sphagnum capillifolium*, *S. subnitens*, *S. papillosum* and occasionally *S. imbricatum*. Deergrass (*Scirpus cespitosus*), Hare's-tail Cottongrass (*Eriophorum vaginatum*), Black Bog-rush (*Schoenus nigricans*) and Ling Heather (*Calluna vulgaris*) colonise the hummocks and are generally abundant. White Beak-sedge (*Rhynchospora alba*), Common Cottongrass (*Eriophorum angustifolium*) and Mosses (including *Sphagnum compactum* and *Campylopus* spp.) are present in the wet channels or hollows, with the insectivorous plants, Sundew (*Drosera rotundifolia* and *D. anglica*) and Butterwort (*Pinguicula vulgaris* and *P. lusitanica*). Other typical microhabitats of blanket bog occur, including peaty pools which are colonised by Lesser Bladderwort (*Utricularia minor*) and Bog Mosses (*Sphagnum cuspidatum*), and quaking *Sphagnum* lawns colonised by species such as Bog-sedge (*Carex limosa*).

Upslope, the peat layer becomes generally thinner and the vegetation becomes more heathy. Ling Heather becomes more abundant and some good stands of mature heather are present, with a deep bryophyte understorey. The tiny orchid, Lesser Twayblade (*Listera cordata*), occurs under Heather here: this species is rather local in its occurrence. Scarce species of liverwort (*Lophozia sudetica*) and lichen (*Cladonia arbuscula*) occur here also. Typical heath vegetation covers the upper slopes and fringes the cliff-tops along the coast. Along with Ling Heather,

Bilberry (*Vaccinium myrtillus*), Crowberry (*Empetrum nigrum*), Bell Heather (*Erica cinerea*), Sheep's Fescue (*Festuca ovina*) and Tormentil (*Potentilla erecta*) are abundant here. Juniper (*Juniperus communis*), Bearberry (*Arctostaphylos uva-ursi*) and Fir Clubmoss (*Huperzia selago*) are also present. In places, heath vegetation forms a mosaic with acid grassland, characterised by abundant Mat-grass (*Nardus stricta*), Viviparous Fescue (*Festuca vivipara*) and Heath Bedstraw (*Galium saxatile*). Towards the coast, the maritime influence is evident in the presence of species such as Buck's-horn Plantain (*Plantago coronopus*) and Sea Plantain (*P. maritima*) in heath and grassland communities.

Fringing the northern side of Slieve Tooley are impressive cliffs which are colonised by vegetation, including Thrift (*Armeria maritima*), Sea Arrowgrass (*Triglochin maritima*), Black Spleenwort (*Asplenium adiantum-nigrum*) and the scarce species, Roseroot (*Rhodiola rosea*). At Maghera, a sand dune system juts into Loughros Beg Bay. The younger, more mobile dunes are colonised by Marram (*Ammophila arenaria*), with occasional Sea-holly (*Eryngium maritimum*) and Hogweed (*Heracleum sphondylium*). Stabilised dunes support a more species-rich vegetation with abundant legume species (Leguminosae) and a scarce subspecies of Creeping Willow (*Salix repens* subsp. *argentea*). The site is notable for the extensive and well-developed areas of dune heath, with such species as Heather (*Calluna vulgaris*) and Crowberry (*Empetrum nigrum*) growing on the sandy soils. Saltmarsh has developed on shallow shores in sheltered coastal locations. Typical species include Sea-milkwort (*Glaux maritima*), Sea Club-rush (*Scirpus maritimus*), Sea-rush (*Juncus maritimus*) and Saltmarsh Rush (*J. gerardi*).

The cliffs and rocky islets in this site, in particular Tormore Island, provide important breeding habitat for seabirds, including Kittiwake, Razorbill, Guillemot, Fulmar and Puffin. Chough, a species listed on Annex I of the EU Birds Directive, also breed on the cliffs, with up to 13 pairs present in 1992. Merlin, as well as several pairs of Peregrine Falcon breed on the site, while Golden Plover may breed in small numbers on the bogs and heath - all three of these species are also listed on Annex I of the EU Birds Directive. Other species which utilise blanket bog on the site include Red Grouse, while Ring Ouzel visit some lakes in summer.

Grey Seal, a species listed on Annex II of the European Habitats Directive, breed in sea caves in this site, with an estimated 100-120 pups born annually. In 1980 this was the third largest herd in the country.

This large site is of major ecological significance for its range of good quality coastal and terrestrial habitats. Intact blanket bog is an increasingly rare habitat

and is recognised as such in having priority status on Annex I of the European Habitats Directive. This site contains some good examples of the habitat, with typical features and a representative flora. A lot of it, however, is suffering from the effects of over-grazing by sheep. On higher slopes, the bog forms an interesting mosaic with upland heath and grassland communities, in which a number of scarce species of lower plant occur. The coastal habitats in the site are also intact and of good quality, and provide important habitat for breeding birds and seals.

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SITE SYNOPSIS

SITE NAME : ST. JOHN'S POINT

SITE CODE : 000191

St. John's Point is a 10km-long, narrow peninsula running south-west from Dunkineely into Donegal Bay. The site covers the most southerly 4km of the peninsula. The underlying geology is limestone. Tournaisian Basal Clastics form the majority of the underlying rocks while Calp limestone of the Visean era outcrop at the south-western end of the site.

The grassland on the Calp limestone occurs on an undulating topography of low ridges with outcropping rocks, and 'V' shaped valleys with peaty formations. The exposed limestone forms pavement where some unusual plants are found including Bloody Cranesbill (*Geranium sanguineum*), Northern Bedstraw (*Galium boreale*), Stone Bramble (*Rubus saxatilis*), Blue Moor-grass (*Sesleria albicans*) and English Hawkweed (*Hieracium anglicum*). More abundant plants on the thin soils and rocky clefts include Mountain Everlasting (*Antennaria dioica*), Broad-leaved Marsh Orchid (*Dactylorhiza majalis*), Burnet Rose (*Rosa pimpinellifolia*), Black Knapweed (*Centaurea nigra*) and Heath Spotted Orchid (*Dactylorhiza maculata*). On the steep slopes of the valley side, Blackthorn (*Prunus spinosa*), Bramble (*Rubus fruticosus*) and Red Fescue (*Festuca rubra*) are abundant.

The wet valley bottoms contain flushes rich in Bog Bean (*Menyanthes trifoliata*), Bog Cotton (*Eriophorum angustifolium*), King Cup (*Caltha palustris*), Spearwort (*Ranunculus flammula*), Grass of Parnassus (*Parnassia palustris*) and Scurvy grass (*Cochlearia officinalis*).

Heathy areas have developed on thin, peaty soils near the end of St. John's Point. Ling Heather (*Calluna vulgaris*), Creeping Willow (*Salix repens*), Lousewort (*Pedicularis sylvatica*), Sweet Vernal Grass (*Anthoxanthum odoratum*) and the Sedge, *Carex flacca*, are all abundant. Dense swards of Buck's-horn Plantain (*Plantago coronopus*) also occur in this region.

Species-rich hay meadows are included within the site. Heath Spotted Orchid (*Dactylorhiza maculata*), Twayblade (*Listera ovata*), Common Spotted Orchid (*Dactylorhiza fuchsii*), Meadow Thistle (*Cirsium dissectum*), Primrose (*Primula*

vulgaris), Yellow Rattle (*Rhinanthus minor*) and Ragged Robin (*Lychnis flos-cuculi*) are all abundant meadow plants. Red Fescue (*Festuca rubra*) and Sweet Vernal Grass (*Anthoxanthum odoratum*) are the dominant grasses.

Brackish marshes, which are inundated with sea water during storms, occur within the site. Common Reed (*Phragmites australis*), Bottle Sedge (*Carex rostrata*), Thread-Leaved Water Crowfoot (*Ranunculus trichophyllum*) and Bog Bean (*Menyanthes trifoliata*) are all abundant species here.

The exposed bedrock shore and sea cliffs are outstanding features of the site. The rocks are richly fossiliferous. Some sections of the shore have a limestone pavement-type structure with Scurvy Grass (*Cochlearia officinalis*), Thrift (*Armeria maritima*), Sea-milkwort (*Glaux maritima*) Red Fescue (*Festuca rubra*) and Buck's-horn Plantain (*Plantago coronopus*) growing in the rock clefts.

A small rocky islet occurs close to the south end of the point. A Herring Gull colony occurs here. Other birds seen fishing around the coast include Fulmars, Greater Black-backed Gulls, Cormorants and Gannets. The freshwater marshes and rushy fields hold Snipe, Lapwing and Ringed Plover. The brackish lakes are frequented by Shelduck, Mallard, Mute Swan and Heron.

The cliffs contain a number of marine caves, while the seas surrounding the Point are known to contain an exceptionally rich marine fauna.

The main land-uses within the site are grazing of cattle and sheep near the end of the point and small hay meadows are maintained further north-east. Diving and fishing are frequent activities around the Point.

This site is important for its rich and diverse calcicole flora. A remarkable marine fauna enhances the interest of the site, as does the presence of richly fossiliferous sea cliffs. Species-rich hay meadows and brackish marshes add diversity to the site.

SITE SYNOPSIS

SITE NAME : TAMUR BOG

SITE CODE : 001992

Tamur Bog is along the border with Northern Ireland and is located on the southern side of the main Pettigo/Laghy road about mid-way between these two locations. The topography is predominantly undulating over a bedrock of acid gneiss with some basic intrusions. This site consists of separate blocks mainly of blanket bog, wet heath and oligotrophic lakes.

The site is important as it supports an extensive area of lowland blanket bog, an EU Habitats Directive Annex I priority habitat. Wet heath, also an annexed habitat, occurs in association with the bog.

Good microtopographical and vegetational variation is present within the blanket bog and this is brought about by the occurrence of wet, quaking areas, lawns, inter-connecting pools and flushes. The overall blanket bog is dominated by Purple Moor-grass (*Molinia caerulea*) with Deer Grass (*Scirpus cespitosus*), Ling Heather (*Calluna vulgaris*) and Bog Cotton (*Eriophorum vaginatum*). There are low, broad hummocks, often occluded by the herb layer, mostly consisting of the moss *Sphagnum capillifolium*, along with *S. tenellum* and lichens. Black Bog-rush (*Schoenus nigricans*) does not occur on the bog proper at this site but is present in flushes.

Some very well-developed pool and hummock systems occur around parts of Lough Vearty, at the mid south centre of the site and along the border east of Lough Awaddy. Quaking lawns are a feature of these areas. Species noted in these very wet areas include the moss *Sphagnum pulchrum* and Sundews (*Drosera* spp.) seen on the lawns, and, in the pools the mosses *Sphagnum cuspidatum*, *S. auriculatum*, Bogbean (*Menyanthes trifoliata*), Lesser Bladderwort (*Utricularia minor*) and Bog Sedge (*Carex limosa*). Hummocks consisting mainly of *Racomitrium lanuginosum* with Ling Heather and small amounts of Cranberry (*Vaccinium oxycoccos*) are present, though some hummocks with the mosses *Sphagnum fuscum* and *S. imbricatum* occur. Several rare lichen species occur in these wet areas, mainly associated with the hummocks.

At the mid south centre of the site is a rare bog type which is intermediate in several respects between blanket and raised bog. Species found in the wet areas are similar to those described above. The islands formed in the pools support small Birch (*Betula pubescens*) trees, Soft Rush (*Juncus effusus*), Bilberry (*Vaccinium myrtillus*) and Broad Buckler-fern (*Dryopteris dilatata*).

Wet heath areas are associated with sloping ground and are found on areas higher than the blanket bog. The vegetation, especially where the habitat occurs at the south of the site, is dominated by Cross-leaved Heath (*Erica tetralix*), Purple Moor-grass, Deer Grass, Ling Heather and Bog Cotton, with scattered *Sphagnum capillifolium*. Hummocks are small and composed of *Racomitrium lanuginosum* with lichens. At the north of the site, in the vicinity of Tamur Hill, the ground is steeper and drier and the vegetation is dominated by Bilberry, Heather and Gorse (*Ulex europaeus*).

Several streams and oligotrophic lakes occur within the site. Vegetation seen in the lakes includes Bottle Sedge (*Carex rostrata*), Water Horsetail (*Equisetum fluviatile*), Yellow Water-lily (*Nuphar lutea*), Common Club-rush (*Scirpus lacustris*), Perfoliate Pondweed (*Potamogeton perfoliatus*) and Common Reed (*Phragmites australis*). There are also quaking areas at the edges of some of the smaller lakes and these support the mosses *Sphagnum recurvum*, *S. palustre*, *S. capillifolium*, *S. magellanicum*, *S. papillosum* and *Aulacomnium palustre*, with Bogbean and Marsh Cinquefoil (*Potentilla palustris*). On the rocky shores of the larger lakes, species seen include Water Lobelia (*Lobelia dortmanna*), Shoreweed (*Littorella uniflora*) and Marsh Pennywort (*Hydrocotyle vulgaris*).

Species present along the streams and at some lake edges include False Oat-grass (*Arrhenatherum elatius*), Marsh Thistle (*Cirsium palustre*), Angelica (*Angelica sylvestris*), Soft Rush (*Juncus effusus*), Common Valerian (*Valeriana officinalis*) and Ling Heather. Several tree and shrub species, such as Ash (*Fraxinus excelsior*), Willow (*Salix* spp.), Hawthorn (*Crataegus monogyna*), Rowan (*Sorbus aucuparia*), Honeysuckle (*Lonicera periclymenum*) and *Rhododendron ponticum* also occur.

Other habitats found within the site include fens, flushes and freshwater marshes.

Golden Plover, Hen Harrier and Merlin, typical bog species which are listed in Annex I of the EU Birds Directive, breed in small numbers on the site. Greenland White-fronted Geese, also listed in Annex I of the Birds Directive, use the bog for feeding in winter. Red Grouse occur on the site.

The Otter, listed under Annexes II and IV of the Habitats Directive, occurs within the site. Much suitable habitat for this species is present. The Irish Hare, Badger, Common Lizard and Frog are also present on the site. The Irish Hare and Badger are listed under the Bern Convention, are legally protected (Wildlife Act, 1976) and are also Red Data Book species. The Frog is a Red Data Book species and is also legally protected (Wildlife Act, 1976). The Common Lizard is also legally protected.

Landuse at the site consists of grazing, by both cattle and sheep, with some areas to the north of the site and east of Belalt being over-grazed. Eutrophication of some of the smaller lakes is evident. Peat-cutting around the site is intensive and commercial peat-cutting has been extended onto the site. Drainage is associated with this. Much of the area around the site has been afforested and many owners within the site have applied for forestry grants. The Ballintra/Pettigo road cuts through the site.

This site is of scientific interest as it presents a very good example of lowland blanket bog, which is mostly intact. Other associated habitats, especially wet heath, adds to the interest. The site has some typical bird species of bogland.

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Appendix C3.2

The Biomar Sites Within Donegal Bay

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Appendix C3.2 The Biomar Sites Within Donegal Bay

Place Name: Off Shore, South of Muckcross Head, North Donegal Bay
Survey: BioMar survey of the Aranmore and Rathlin O' Birne area, Co. Donegal, July 1996
Latitude: 54° 35.58' N
Longitude: 008° 34.62' E
Grid Ref: G626718
Site Description: This site was located well offshore to the south of a large headland on the north shore of a large, open bay on the west coast of Ireland. The seabed at 44m BCD consisted of low ridges of limestone
Habitats Present: Low circalittoral limestone bedrock with *Phakellia ventilabrum*

Place Name: Beltra Rock (Bob's Pinnacle), N Donegal Bay.
Survey: BioMar survey of South Donegal Bay area, May 1994
Latitude: 54° 34.43' N
Longitude: 008° 17.88' E
Grid Ref: G807696
Site Description: The site was located in the centre of an open bay and towards the inner end of the bay. The bay gives a small amount of shelter from the prevailing southwest winds from land to the west of it. The bedrock outcrop shelved down to fine sediment on the north side at 30 m. The sediment rock interface on the south side is approximately 26 m. The area surveyed was between 14 and 30 m BCD. The characterising species were *Eunicella verrucosa*, *Phakellia ventilabrum*, *Caryophyllia smithii* and *Alcyonium glomeratum*.
Habitats Present: Lower circalittoral bedrock with *Eunicella verrucosa*.

Place Name: N Black Rock, St John's Point, North Donegal Bay.
Survey: BioMar survey of South Donegal Bay area, May 1994
Latitude: 54° 34.79' N
Longitude: 008° 25.62' E
Grid Ref: G723703
Site Description: Located offshore from a beach of sand adjacent to a rocky reef. The seabed consisted of duned maerl gravel, sand and mud with some live maerl in the troughs. Areas of duned maerl varied in their extent with some areas of flatter muddy sand. The matrix formed by the maerl was characterised by numerous crustacean species and the anemones *Cerianthus lloydii*.
Habitats Present: Duned maerl gravel with live maerl

Place Name: Black Rock, St John's Point, North Donegal Bay.
Survey: BioMar survey of South Donegal Bay area, May 1994
Latitude: 54° 34.68' N
Longitude: 008° 25.62' E
Grid Ref: G723700
Site Description: The rock was located to the northeast of a long peninsula and sheltered by it from the prevailing southwesterly swell. The peninsula lies in a southwesterly direction on the north shore of a large west-facing bay. There was a small terraced limestone reef with small crevices and caves. At the base of the reef there was limestone overlain by coarse maerl sand. Further out from the reef there were dunes of maerl and maerl gravel.
Habitats Present: Terraced limestone reef with crevices and small caves
Limestone bedrock overlain by coarse maerl sand
Duned maerl with *Spatangus purpureus*

Place Name: NW of Beltra Rock (Bob's Pinnacle), N Donegal Bay.
Survey: BioMar survey of South Donegal Bay area, May 1994
Latitude: 54° 34.43' N
Longitude: 008° 17.88' E
Site Description: Located on an isolated rock towards the head of a very large open coast bay. The seabed consisted of a very large bedrock pinnacle rising from an area of uniform mud. The rock was heavily silted and dominated by the sea fan *Eunicella verrucosa* which was common all over the rock. Where the rock adjoined the sediment there was a 'bank' of boulders. The sediment was not surveyed. Fragile species were present.
Habitats Present: Lower circalittoral bedrock and boulders with eunicella verrucosa

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Place Name: W of Bullockmore Rock, St John's Point, N Donegal Bay.

Survey: BioMar survey of South Donegal Bay area, May 1994

Latitude: 54° 34.02' N

Longitude: 008° 30.42' E

Grid Ref: G672688

Site Description: A limestone reef with a charted depth of 2 m BCD. The 50 m contour comes close in to the rock. The rock was located on the north side of a large west-facing bay. The seabed at approximately 47 m BCD was flat, sloping limestone with occasional small terraces. The rock was rather barren apart from the elevated ridges that had *Alcyonium digitatum*, *Alcyonium glomeratum*, *Parazoanthus anguicomus* and *Pachymatisma johnstonia* in abundance.

Habitats Present: Deep circalittoral limestone bedrock with *Phakellia ventilabrum* and *Axinella infundibuliform*

Place Name: S of Doorin Point, N Donegal Bay.

Survey: BioMar survey of South Donegal Bay area, May 1994

Latitude: 54° 35.87' N

Longitude: 008° 17.76' E

Grid Ref: G808723

Site Description: The site was located to the south of a small headland on the north side of a large open bay on the west coast of Ireland. There was a gradual slope from 10 to 18 m BCD with bedrock and kelp to 11 m BCD, bedrock and boulders with foliose algae to 14 m BCD, then bedrock and boulders with *Caryophyllia smithii* to 18 m BCD. Below 18 m the seabed was fine muddy sand with *Turritella communis*.

Habitats Present: Upper infralittoral dominated by *Laminaria hyperborean*
 Lower infralittoral bedrock and boulders dominated by

Delesseria sanguinea Lower circalittoral bedrock and boulders with

Caryophyllia smithii Fine muddy sand with *Turritella communis*

Place Name: S of Doorin Point, N Donegal Bay.
Survey: BioMar survey of South Donegal Bay area, May 1994
Latitude: 54° 35.87' N
Longitude: 008° 17.76' E
Grid Ref: G808723
Site Description: The site was located to the south of a small headland on the north side of a large open bay on the west coast of Ireland. There was a gradual slope from 10 to 18 m BCD with bedrock and kelp to 11 m BCD, bedrock and boulders with foliose algae to 14 m BCD, then bedrock and boulders with *Caryophyllia smithii* to 18 m BCD. Below 18 m the seabed was fine muddy sand with *Turritella communis*.
Habitats Present: Upper infralittoral dominated by *Laminaria hyperborea*
Lower infralittoral bedrock and boulders dominated by
Delesseria sanguinea
Caryophyllia smithii
Lower circalittoral bedrock and boulders with
Fine Muddy sand with *Turritella communis*

Place Name: Ellaghua, S Donegal Bay.
Survey: BioMar survey of South Donegal Bay area, May 1994
Latitude: 54° 31.49' N
Longitude: 008° 16.86' E
Grid Ref: G817641
Site Description: The site was located on a west facing point towards the head of a large west-facing bay. A long rocky reef ran in a westerly direction. From 11 to 17 m BCD there was rugged, pitted limestone with a sparse covering of *Laminaria hyperborea* on the horizontal surfaces and *Alcyonium digitatum* and *Caryophyllia smithii* on the vertical. Below 14 m BCD the rock was very barren with only occasional asteroids. At the bottom of the reef there was a plain of rippled sand.
Habitats Present: Infralittoral limestone

Place Name: Tramore Strand, Loughros More Bay.
Survey: BioMar additional surveys in North-West Ireland (IR8)
Latitude: 54° 48.06' N
Longitude: 008° 30.72' E
Grid Ref: G669947

Site Description: A very wide and deep, very flat, brown, sandy beach, facing west. The sand appeared to be very fine and damp even on the upper shore, above most recent drift line. At low water there was a small offshore bar just off the beach and a second bar was visible below water further out. The transect was 250 paces south of the access on to the beach and 265 degrees towards an obvious headland. The sand had a fudge-like consistency. The beach is backed by high dunes. The upper shore above station 1 had a very shallow black layer with a dense layer of blue-green algae? just below surface. Nearer high water mark these were yellow patches on sand surface. The beach fauna, as a whole, appeared quite poor.

Habitats Present: Drift line, sandy beach, lower edge of talitrid zone
Midshore, sandy beach
Lower shore, sandy beach

Place Name: NW of Kildoney Point, S Donegal Bay.
Survey: BioMar survey of South Donegal Bay area, May 1994
Latitude: 54° 32.03' N
Longitude: 008° 18.24' E
Grid Ref: G803652

Site Description: The site was located on flat seabed to the northwest of a headland in the inner part of a large west-facing bay. The seabed consisted of well-sorted fine sand with small mounds (*Arenicola marina*) and a brown diatom film. Few animals were present on the surface, mostly *Astropecten irregularis* and *Asterias rubens*. A few recently dead tests of *Echinocardium cordatum* were present but no animals were found. The site had previously been surveyed with a sediment profile image (SPI) camera.

Habitats Present: Well sorted, fine sand with *Astropecten irregularis*

Place Name: Silver Strand, Malin Beg, Outer Donegal Bay.
Survey: BioMar additional surveys in North-West Ireland (IR8)
Latitude: 54° 39.95' N
Longitude: 008° 46.38' E
Grid Ref : G500798
Site Description: At the western edge of the Slieve League Peninsula, on the south side, in Co. Donegal. A sandy beach opening to the south and surrounded by high cliffs. Access via Glencolumbkille and Malin More to Malin Beg. The road ends in a car park and the beach is approached by a path of concrete steps down the cliff. Wide, long, yellow sand beach of fine/medium sand. Facing south with a complex profile. No paired shells or casts. Fauna appeared quite poor. Transect set up at eastern end of the rocky outcrop at the top of the beach, where it meets a storm beach.
Habitats Present: Drift line, talitridzone, sandy beach
Midshore, sandy beach
Lower shore, sandy beach

Place Name: Murlles Point, N Donegal Bay.
Survey: BioMar survey of South Donegal Bay area, May 1994
Latitude: 54° 36.11' N
Longitude: 008° 17.10' E
Grid Ref: G815726
Site Description: The site was located on the southeast side of a large headland, on the north side of a large west-facing bay. There were extensive limestone platforms with large pools and flat limestone slabs. There were also large areas of shallow standing water. The water from some of the pools flowed over areas of rock and sandy gravel. The underside of the boulders had a rich and diverse fauna including *Paracentrotus lividus*. This species had been collected extensively over much of the area. Fragile species were present.
Habitats Present: Upper shore cobbles and boulders
Large shallow pools on upper shore
Midshore limestone bedrock with *Fucus serratus* and
Fucus vesiculosus
Low shore limestone bedrock and boulders with standing
water
Sublittoral fringe bedrock

Place Name: Murvagh Beach, S Donegal Bay.
Survey: BioMar survey of South Donegal Bay area, May 1994
Latitude: 54° 36.11' N
Longitude: 008° 10.20' E
Grid Ref: G890726
Site Description: A west facing sandy strand on the south side of a large west facing bay. The site was located near the head of the bay. On the high shore there were frequent *Talitrus* spp. and polychaetes. The midshore had frequent *Arenicola* casts; there was an area of freshwater runoff that ran across the midshore, this area had frequent *Cerastoderma edule* and *Macoma* sp. On the low shore *Echinocardium cordatum*, *Tellina* spp., *Donax* sp. and *Lanice* were present.
Habitats Present: Sandy upper shore with *Talitrus* sp.
Sandy shore, midshore with *Arenicola marina*
Sandy low shore with *Echinocardium*

Place Name: W of Rotten Rock, Doorin Point, North Donegal Bay.
Survey: BioMar survey of South Donegal Bay area, May 1994
Latitude: 54° 36.29' N
Longitude: 008° 18.84' E
Grid Ref: G797731
Site Description: The site was located on the western side of a promontory jutting out into a wide-open coast bay. The main substrata was limestone rock forming large steps 2 - 3 m high and broad horizontal silt covered ledges. The vertical steps were heavily creviced with some loose angular boulders at the base. The horizontal and less steep surfaces supported *Delesseria sanguinea* and other small red foliose algae. It was likely that the bedrock continued below that surveyed and extended upwards into the infralittoral.
Habitats Present: Upper circalittoral bedrock and boulders and muddy gravel

Place Name: NE Bullockmore, St John's Point, North Donegal Bay.
Survey: BioMar survey of South Donegal Bay area, May 1994
Latitude: 54° 34.20' N
Longitude: 008° 29.70' E
Grid Ref: G679692
Site Description: The site was located offshore on a limestone reef on the north side of a wide west-facing bay. The bedrock was vertical from about 19 - 25 m BCD and then became a series of tilted shelves with vertical to very steep sloping faces approximately 1 m height. The species diversity seemed poor and in general the abundance was low. The starfish *Stichastrella rosea* was notably frequent and the sponge diversity poor. The rock surface was extremely pitted.
Habitats Present: Upper circalittoral pitted limestone bedrock with *Caryophyllia smithii*

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Place Name: Fintragh Strand, North Donegal Bay.
Survey: BioMar additional surveys in North-West Ireland (IR8)
Latitude: 54° 38.16' N
Longitude: 008° 29.28' E
Grid Ref: G684763
Site Description: Sandy beach, flat. Gently sloping, bright yellow sand. Complex profile, with flatter current rippled areas alternating with bands of smooth sand. No *Arenicola* casts anywhere. A remarkable feature of this beach was the number of *Echinocardium* with recently dead (with complete set of spines) specimens scattered along drift line and over sand surface and partially exposed live specimens on lower shore. Access is via a small signposted road off the Killybegs - Kilcar road, leading to a small car park at western edge of beach. The beach is backed by heavily eroded dune cliff. Sea more or less calm. Not obvious why urchins were exposed. Very hot sunny weather. One of the more interesting beaches surveyed so far. Transect ca. 150 paces east of slip from car park.
Habitats Present: Drift line, talitrid zone, sandy shore
Midshore, sandy beach
Lower shore, sandy beach

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Place Name: Muckros Head, North Donegal Bay.
Survey: BioMar additional surveys in North-West Ireland (IR8)
Latitude: 54° 36.72' N
Longitude: 008° 35.40' E
Grid Ref: G618737
Site Description: North-westerly facing extensive gently sloping but stepped limestone shore on north-west side of exposed promontory in outer part of exposed bay on north-west coast of Ireland. Lower and midshore consists of very gently sloping pitted limestone slabs or platforms which step-up gradually. Upper eulittoral and littoral more steeply inclined, with more frequent and larger steps. Upper shore quite exposed to wave action with moderate chunks of slabs being eroded off bedrock and deposited high up on shore in supralittoral and also further inshore. *Laminaria* present in sublittoral fringe but not exposed for survey. Lower eulittoral bedrock pitted with a *Mytilus*/barnacle mosaic with small red algae and *Paracentrotus lividus* living in bedrock pits across a 20 m wide zone. Upper eulittoral and littoral fringe dominated by barnacles and *Patella* where rock surface is quite uneven and eroded with holes towards the upper part of this zone. Shore generally inclined at an angle towards incoming tide, which approaches from side more or less obliquely across the shore. Small sandy beach located at head of embayment created on north side of this promontory. Northern shore consisting of moderate to high cliff.
Habitats Present: Bedrock with *Verrucaria maura* with occasional grey and yellow lichens. Both LRK.VER and LRK.YG
Upper eulittoral bedrock with barnacles. LRK.BP?
Mid eulittoral exposed bedrock with barnacles. LRK.BP
Exposed eulittoral bedrock with *Mytilus edulis*, *Patella vulgata*, and *Semibalanus balanoides*
Exposed lower eulittoral bedrock with *Himanthalia elongata*, *Fucus serratus* and red algal turf. LRK.H

Place Name: SW of Portnagh Rock, St John's Point, N Donegal Bay.
Survey: BioMar survey of the Aranmore and Rathlin O' Birne area, Co. Donegal, July 1996
Latitude: 54° 33.96' N
Longitude: 008° 27.48' E
Grid Ref: G703688
Site Description: The site was located off the tip of a peninsula on the north side of a large bay on the northwest coast of Ireland. The seabed from 20 - 24 m BCD consisted of limestone bedrock surrounded by and in places overlain by sand. *Caryophyllia smithii* was abundant on the rock. *Delesseria sanguinea* was common on the rock that was less influenced by the surrounding sand.
Habitats Present: Upper circalittoral limestone bedrock with patches of sand

Place Name: S of Portnagh Rock, St John's Point, N Donegal Bay.
Survey: BioMar survey of the Aranmore and Rathlin O' Birne area, Co. Donegal, July 1996
Latitude: 54° 33.96' N
Longitude: 008° 27.48' E
Grid Ref: G703688
Site Description: The site was located at the tip of a peninsula on the north side of a large bay on the northwest coast of Ireland. The seabed consisted of an overhanging bedrock cliff with terraces and small caves. At 21 m BCD this gave way to boulders going on to sand. The cliff had a rich variety of anthozoans and encrusting sponges.
Habitats Present: Lower infralittoral bedrock cliff with a circalittoral component

Place Name: Portnagh Rock, St John's Point, North Donegal Bay.
Survey: BioMar survey of the Aranmore and Rathlin O' Birne area, Co. Donegal, July 1996
Latitude: 54° 33.96' N
Longitude: 008° 27.48' E
Grid Ref: G703688
Site Description: The site was located on the eastern side of a prominent peninsula extending into a large open coast bay on the northwest coast of Ireland. The seabed at 21.6 m BCD was sloping limestone bedrock, which extended down to 27.3 m BCD. Beyond this was another ridge of rock. The seabed was characterised by erect bryozoans, sponges and the sea fan *Eunicella verrucosa*. Algae were present across the whole of the rock but denser in the shallower water.
Habitats Present: Limestone bedrock reef with erect bryozoans, *Eunicella verrucosa* and sponges

Place Name: Studdagh Rock, St John's Point, North Donegal Bay.
Survey: BioMar survey of the Aranmore and Rathlin O' Birne area, Co. Donegal, July 1996
Latitude: 54° 33.96' N
Longitude: 008° 27.66' E
Grid Ref: G701688
Site Description: The site was located on the eastern side of a prominent peninsula extending into a large open coast bay. A rock just offshore from the peninsula extended into the sublittoral to approximately 18.5 m BCD. Rock and boulders were dominated by kelp forest and red algae. A boulder slope extended below this to 27.8 m BCD where the seabed extended into a plain of flat coarse sand. The rock was characterised by red algae with hydroids and bryozoans. The sand was characterised by *Echinocardium cordatum* and polychaete tubes.
Habitats Present: A bedrock and boulder slope with *Laminaria* hyperborean forest and red foliose algae
A moderate slope of large to small boulders with some coarse sand characterised by red foliose algae
Plain of coarse rippled sand with *Echinocardium cordatum*

Place Name: W of Pound Point, N Donegal Bay.
Survey: BioMar survey of the Aranmore and Rathlin O' Birne area, Co. Donegal, July 1996
Latitude: 54° 35.22' N
Longitude: 008° 27.54' E
Grid Ref: G702711
Site Description: The site was located on the west side of a peninsula on the north side of a large west-facing bay in northwest Ireland. The site is sheltered from the prevailing southwest winds by reefs and shoals. The substratum at 38.3 m BCD was a plain of coarse muddy sand with cobbles and pebbles and poorly sorted. The barnacle *Balanus crenatus* was frequent on the cobbles. The fish *Callionymus lyra* was occasional as were *Pagurus bernhardus* with *Hydractinia echinata* and *Pagurus prideaux* with *Adamsia carciniopados*. The starfish *Luidia sarsi* was rare. The sediment contained numerous polychaete burrows.
Habitats Present: A plain of coarse sand, with a surface layer of silt, cobbles and pebbles. Poorly sorted

Place Name: SW of Drumanoo Head, N Donegal Bay.
Survey: BioMar survey of the Aranmore and Rathlin O' Birne area, Co. Donegal, July 1996
Latitude: 54° 36.11' N
Longitude: 008° 29.10' E
Grid Ref: G686728
Site Description: This site consisted of a sandy plain from which a ridge of hard rock emerged at an angle. The rock was hard but had crevices on its steeper faces in the manner of slate/shale. The sand plain was due south of Drumanoo Head, Killybegs. It contained burrowing holothurians and echinoderms with occasional fish, Polychaeta and Gastropoda. The rock was colonised by sedentary Anthozoa, Bryozoa and sponges, with some Hydrozoa and tunicates. The rock rose to 25 m BCD and stretched in a SW-NE direction.
Habitats Present: Bedrock colonized by bryozoans, hard corals, Hydrozoa and sponges
Flat sandy plain with holothurians, gastropods, fish and echinoderms

Place Name: S of Inishduff, N Donegal Bay.
Survey: BioMar survey of the Aranmore and Rathlin O' Birne area, Co. Donegal, July 1996
Latitude: 54° 35.40' N
Longitude: 008° 32.46' E
Grid Ref: G650714
Site Description: The site was located to the east of a large peninsula on the northern shore of a large bay on the northwest coast of Ireland. The seabed at 29 m BCD consisted of low-lying terraced bedrock adjacent to coarse, shelly sand and cobbles. There were sparse cup-shaped sponges and abundant *Caryophyllia smithii*.
Habitats Present: Lower circalittoral bedrock with cup-shaped sponges and *Caryophyllia smithii*

Place Name: Belalt Strand, Coolmore Bay, South Donegal Bay.
Survey: BioMar survey of South Donegal Bay area, May 1994
Latitude: 54° 33.84' N
Longitude: 008° 12.96' E
Grid Ref: G860684
Site Description: The site was located on a southwesterly facing beach on the southern shore of a large open coast bay. The beach was backed by a complex of holiday homes and hotels, with access onto the shore by car from both ends. The upper shore strandline was characterised by talitrids with a broad (>100 m) midshore of rippled fine sand. Few conspicuous species were noted. The low shore had *Donax vittatus* and *Echinocardium cordatum*.
Habitats Present: Strand line fine sand
Midshore fine rippled sand
Lower shore fine sand

Place Name: S of Muckcross Head, N Donegal Bay.
Survey: BioMar survey of the Aranmore and Rathlin O' Birne area, Co. Donegal, July 1996
Latitude: 54° 36.29' N
Longitude: 008° 35.22' E
Grid Ref: G620731
Site Description: The site was located to the south of a prominent headland midway along the northern shore of a large open bay on the west coast of Ireland. The seabed at 25 m BCD consisted of large irregular boulders and ridges of bedrock. The bedrock ridges rose inshore to an area of large blocks of limestone eroded into crevices separated by harder "fins" of limestone about 1 cm thick and 10 cm deep. Horizontal surfaces supported foliose algae below 19 m BCD and kelp forest above this.
Habitats Present: Upper infralittoral limestone with extensive crevices
Lower infralittoral limestone with *Caryophyllia smithii* and *Diazona violacea*

Place Name: SW of Muckcross Head, N Donegal Bay.
Survey: BioMar survey of the Aranmore and Rathlin O' Birne area, Co. Donegal, July 1996
Latitude: 54° 36.36' N
Longitude: 008° 35.88' E
Grid Ref: G613733
Site Description: The site was located on the northern side of a large open coast bay in the northwest of Ireland. The site was offshore from a prominent limestone headland. At 15.9 m BCD (and shallower) the seabed was formed from a series of limestone blocks with flat horizontal surfaces and highly indented vertical surfaces. The rock supported kelp park with red algae with holothurians in crevices. At 17.1 m BCD the rock gave way to an isolated area of medium sand with *Echinocardium flavescens*.
Habitats Present: Limestone bedrock blocks with kelp park and red foliose algae
Waved medium sand

Place Name: Dundawoona Point, N Donegal Bay.
Survey: BioMar survey of the Aranmore and Rathlin O' Birne area, Co. Donegal, July 1996
Latitude: 54° 37.08' N
Longitude: 008° 37.32' E
Grid Ref: G598746
Site Description: The site was located off a headland, just south of a large natural harbour on the northwest coast of Ireland. The 30 m contour came close to the shore. The seabed consisted of terraced bedrock with sparse kelp forest and foliose red algae.
Habitats Present: Lower infralittoral bedrock

Place Name: E of Carrigan Head, N Donegal Bay.
Survey: BioMar survey of the Aranmore and Rathlin O' Birne area, Co. Donegal, July 1996
Latitude: 54° 37.08' N
Longitude: 008° 39.96' E
Grid Ref: G569746
Site Description: The site was located to the east of a large headland on the northwest coast of Ireland. At 37.5 - 41.5 m BCD there were exposed boulders with patches of coarse gravel in between them. The boulders were characterised by encrusting and erect bryozoans and *Caryophyllia smithii*.
Habitats Present: Lower circalittoral boulders with *Caryophyllia smithii*

Place Name: SE of Carrigan Head, N Donegal Bay.
Survey: BioMar survey of the Aranmore and Rathlin O' Birne area, Co. Donegal, July 1996

Latitude: 54° 37.08' N
Longitude: 008° 40.68' E
Grid Ref: G561746

Site Description: The site was located on the open northern coast of a large open coast bay in the northwest of Ireland. The seabed at 12.4 m BCD was a slope of boulders with a park of *Laminaria hyperborea*. The kelp extended to 17.9 m BCD where they were dominated by red foliose algae. The boulders gave way to bedrock and algae, reduced in density with increased depth. At 31.6 m BCD the rock was characterised by hydroids, *Axinella infundibuliformis* and *Caryophyllia smithii*. At 36.1 m BCD the bedrock gave way to a gentle slope of small cobbles (not surveyed).

Habitats Present: Kelp park with foliose red algae
Upper circalittoral boulders with red foliose algae
Lower circalittoral bedrock and boulders with
Caryophyllia smithii, coralline crusts, hydroids

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Place Name: Gloster Rock, Rathlin O' Birne Island.
Survey: BioMar survey of the Aranmore and Rathlin O' Birne area, Co. Donegal, July 1996
Latitude: 54° 39.53' N
Longitude: 008° 47.52' E
Grid Ref: G488793
Site Description: The site was located on the south side of a prominent headland on the west coast of Ireland. The seabed sloped steeply from the surface to 26 m BCD. Dense kelp forest in the shallow water gave way to red and brown foliose algae below 20 m BCD. Areas in the bottom of gullies contained cobbles with ephemeral red algae.
Habitats Present: Ephemeral foliose algae on seasonal stable cobbles
Upper circalittoral bedrock, with *Eunicella verrucosa*

Place Name: S of Rathlin O' Birne, Rathlin O' Birne Island.
Survey: BioMar survey of the Aranmore and Rathlin O' Birne area, Co. Donegal, July 1996
Latitude: 54° 39.66' N
Longitude: 008° 49.44' E
Grid Ref: G468795
Site Description: The site was located at the southern end of a small island close to the mainland on the northwest coast of Ireland. The site is exposed to the southwest winds but sheltered from the northwest winds, which are frequent in this area. The site is presently known as the most northerly site for *Eunicella verrucosa*. The substratum from 18 to 32.5 m BCD was very steep to vertical bedrock with small areas of upward facing rock. From 23.2 to 32.5 m BCD the bedrock was characterised by erect sponges, in particular *Axinella dissimilis*, *Stelligera stuposa* and *Stelligera rigida*. The sea fan *Eunicella verrucosa* was occasional and *Caryophyllia smithii* was frequent. Above this habitat the bedrock was characterised by red foliose algae, in particular *Bonnemaisonia asparagoides* and *Delesseria sanguinea* and the jewel anemone *Corynactis viridis*.
Habitats Present: Steep bedrock characterized by red foliose algae
Lower circalittoral steeply sloping bedrock characterized by branched sponges and *Eunicella verrucosa*
Pocket of coarse gravel with *Peachia cylindrica*

Place Name: S side of Rathlin O' Birne, Rathlin O' Birne Island.
Survey: BioMar survey of the Aranmore and Rathlin O' Birne area, Co. Donegal, July 1996
Latitude: 54° 39.59' N
Longitude: 008° 49.32' E
Grid Ref: G469794
Site Description: The site was located on the south side of a small island off the northwest coast of Ireland. The seabed from 28 - 35 m BCD consisted of rugged bedrock and large stable boulders with patches of shelly gravel. There was a rich variety of encrusting and erect sponges, occasional *Eunicella verrucosa*, *Pentapora foliacea* and large patches of *Alcyonium glomeratum*.
Habitats Present: Upper circalittoral bedrock and large stable boulders

Place Name: SE of Lighthouse Bay, Rathlin O' Birne Island.
Survey: BioMar survey of the Aranmore and Rathlin O' Birne area, Co. Donegal, July 1996
Latitude: 54° 39.53' N
Longitude: 008° 49.50' E
Grid Ref: G467794
Site Description: This site was located approx. 100 m due south of Lighthouse Bay Point, off Rathlin O' Birne Island. The substrate consisted of bedrock descending in billowing folds down to 35 m BCD where the bottom levelled out into a boulder field consisting of large flat boulders. The bedrock was a hard schist with a low degree of pitting. There were few crevices and fissures visible, but also few vertical faces. The rock was silt free but did not show evidence of scouring. The main life forms were encrusting fauna with little evidence of red algae at the lowest level but red and brown algae were present shallower than 25 m BCD.
Habitats Present: Lower infralittoral bedrock, very exposed
Upper circalittoral bedrock, very exposed

Place Name: S of Black Rock, Rathlin O' Birne Island.
Survey: BioMar survey of the Aranmore and Rathlin O' Birne area, Co. Donegal, July 1996
Latitude: 54° 39.53' N
Longitude: 008° 50.22' E
Grid Ref: G459793
Site Description: The site was located off the southwest coast of a small offshore island on the northwest coast of Ireland. The site was extremely exposed to the Atlantic swell. The seabed at 36 - 42 m BCD consisted of very large boulders with patches of rock overlain by coarse sand. *Ciocalypta penicillus* and polymastiid sponges were frequent.
Habitats Present: Upper circalittoral bedrock and boulders with patches of coarse sand

Place Name: W of Black Rock, Rathlin O' Birne Island.
Survey: BioMar survey of the Aranmore and Rathlin O' Birne area, Co. Donegal, July 1996
Latitude: 54° 39.59' N
Longitude: 008° 50.34' E
Grid Ref: G458794
Site Description: This site consisted of a gully to the west of Black Rock, which reached almost 40 m BCD. The rock was hard igneous with occasional shelves along the upper limits. Overhangs were also present at shallower depths. The deeper walls were smooth and showed evidence of scour, being denuded of life. The upper walls showed a low degree of pitting and ruggedness. The lowest section was colonised by sedentary polychaetes. The next section was colonised by anthozoans and bryozoans and was species poor. The third habitat showed sparse red algae with anthozoans in between. Blending in with this was the *Laminaria* zone with an upper zone of *Alaria* and coralline crusts.
Habitats Present: Upper infralittoral rock with *Alaria esculenta*
Vertical bedrock with red algae and sparse kelp
Vertical cliff with red algae
Vertical bedrock cliff with *Corynactis viridis* and bryozoan crusts
Vertical cliff scoured by boulders

Place Name: NE of Black Rock, Rathlin O' Birne Island.
Survey: BioMar survey of the Aranmore and Rathlin O' Birne area, Co. Donegal, July 1996
Latitude: 54° 39.71' N
Longitude: 008° 50.34' E
Grid Ref: G458796

Site Description: The site was located on the west side of an islet close to a small island near the mainland. The substratum surveyed appeared to be a ridge of bedrock which appeared to be more vertical on the southwest and west side? The substratum between 24.2 - 28.7 m BCD was gently sloping bedrock at the top of a spur and was characterised by *Laminaria hyperborea* kelp park with an understory of red foliose algae, in particular *Cryptopleura ramosa*. The jewel anemone *Corynactis viridis* was common. Below 28.7 m BCD the bedrock became broadly stepped and dominated by *Corynactis viridis* with occasional red algae and the brown algae *Dictyopteris membranacea* and *Dictyota dichotoma*. From 33.2 to 36.6 m BCD the broadly stepped bedrock was characterised by *Corynactis viridis*, *Balanus balanus*, coralline crusts and *Crisia eburnea*. Below this the bedrock was vertical to an area of boulders, which was not surveyed.

Habitats Present: Upper infralittoral on gently sloping bedrock with *Laminaria hyperborea* park, red foliose algae
Lower infralittoral bedrock with *Corynactis viridis*, *Dictyota dichotoma* and foliose red algae
Upper circalittoral bedrock with *Corynactis viridis*

Place Name: N of Black Rock, Rathlin O' Birne Island.
Survey: BioMar survey of the Aranmore and Rathlin O' Birne area, Co. Donegal, July 1996
Latitude: 54° 39.66' N
Longitude: 008° 49.74' E
Grid Ref: G465795
Site Description: This site was located in a gully running SW-NE through Rathlin O' Birne Island and bisecting it. The gully reached a minimum depth of 6 m BCD. The floor of the gully was lined by big boulders with a few small boulders interspersed. The lower 2.5 m of the walls showed evidence of scour with few species on the smooth walls. The walls were largely vertical with a few steep ledges and overhangs. The rock was schist and gneiss. The lower walls were colonised mainly by hydroids, which were sparse with rare red algae in crevices. The upper walls were colonised by a zone of red algae below the *Laminaria* zone and a zone of Anthozoa and sponges between the red algae and the scour zone.
Habitats Present: Red algae zone between 2-4m BCD, between kelp and hydrozoa/Anthozoa strata
Lower part of gully subject to surge and scour. Few algae, dominant fauna encrusting Anthozoa
Vertical side of a surge gully characterized by erect and encrusting bryozoans and anemones

Place Name: NW tip of Rathlin O' Birne, Rathlin O' Birne Island.
Survey: BioMar survey of the Aranmore and Rathlin O' Birne area, Co. Donegal, July 1996
Latitude: 54° 40.20' N
Longitude: 008° 49.98' E
Grid Ref: G462805
Site Description: The site was located at the northwest end of a rocky spit extending from a small island on the open west coast of Ireland. The seabed consisted of a large gully with steep, vertical and overhanging sections, extending from 14 - 31 m BCD. The lower infralittoral zone was dominated by *Corynactis viridis* in large sheets. Below 29 m BCD the rock was covered with a variety of sponges.
Habitats Present: Vertical lower infralittoral bedrock with *Corynactis viridis*
Exposed circalittoral bedrock with *Myxilla fimbriata*

Place Name: Middle Sound.
Survey: BioMar survey of the Aranmore and Rathlin O' Birne area, Co. Donegal, July 1996
Latitude: 54° 57.11' N
Longitude: 008° 28.98' E
Grid Ref: B690117
Site Description: The site was located amongst a group of islands on the northwest coast of Ireland. The seabed at 10 m BCD consisted of maerl, gravel and coarse sand with *Anthopleura ballii* and foliose algae.
Habitats Present: A plain of maerl and gravel with *Anthopleura ballii* and foliose algae

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Appendix C4

Donegal Bay Acid Sensitive Rivers

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Appendix C4 Donegal Bay Acid Sensitive Rivers

RIVER CATCHMENT ACIDIFICATION

In establishing water quality criteria for European inland fisheries, the acidity or alkalinity of the water is an important factor to be considered. There is a normal range of pH values for waters which support a good fishery. A critical review has been made, therefore, of published and unpublished data on both the direct and indirect effects of extreme pH values on fish, with an emphasis on European species; from this review it is clear that the existing data are not sufficiently comprehensive to enable definite pH criteria to be established for each important fish species and for different environmental conditions, but it is thought that sufficient is known for the following general conclusions to be reached.

There is no definite pH range within which a fishery is unharmed and outside which it is damaged, but rather there is a gradual deterioration as the pH values are further removed from the normal range. The pH range which is not directly lethal to fish is 5-9; however, the toxicity of several common pollutants markedly affected by pH changes within this range, and increasing acidity or alkalinity may make these poisons more toxic. Also, an acid discharge may liberate sufficient carbon dioxide from bicarbonate in the water either to be directly toxic, or to cause the pH range 5-6 to become lethal.

Below a pH value of 5.0, fish mortalities may be expected, although some species may be acclimated to values as low as 3.7. However, the productivity of the aquatic ecosystem is considerably reduced below a pH value of 5.0, so that the yield from a fishery would also become less. Some acid waters may contain precipitated ferric hydroxide which may also act as a lethal factor.

One of the most striking consequences of increased acidity of soils and surface waters is the mobilisation of aluminium, resulting in elevated concentrations of this metal in rivers and lakes. Aluminium has been shown to be toxic to fish. The extent of this toxicity depends on the dominant aqueous form of aluminium present, which is a function of pH and the nature of the complexing ligands. Monomeric aluminium, which predominates in the pH range 5.0-5.5, is more toxic to fish in the labile or inorganic form than the non-labile or organically complexed form. The concentration at which inorganic monomeric aluminium becomes toxic to fish is low (40Ug/l). However, toxicity varies with several factors, including the age of the fish and the concentrations of calcium present. The partial or total elimination of fish stock in many acid-sensitive rivers and lakes

in Europe and North America has coincided with the onset of acidification. Fish mortality in acid waters is largely due to failure in bronchial ion regulation. Low pH and high metal concentration, especially aluminium, exert toxic effects on aquatic animals by reacting at the physiologically delicate outer surface or with the internal organs.

The gills, which are the principal site for gas exchange, ionic regulation, acid base balance and nitrogenous waste excretion in fish, are also the main outer target of surface-active metals and hydrogen ion activity. A high production of mucus by the gills of fish stressed in acidified water has been reported. The gill surface also has a high affinity for cationic metals, and creates favourable alkaline conditions for the precipitation of aluminium.

Calcium, if present in concentrations >1.0 mg/l, increases the survival of brown trout in acid and aluminium-rich waters. The dissolved calcium surrounding the gills forms cross-links with ligands on the gill surface and in the intercellular cement. This increases membrane stability and reduces the permeability of the paracellular pathways, thus reducing the loss of sodium and chloride from the plasma.

Acid Sensitive Rivers in Donegal Bay

The Northern Regional Fisheries Board made a submission on the 7th September 1992 to the Forest Service, Department of Energy, seeking the designation of selected Waters as acid sensitive under The Forestry and Fisheries Guidelines. The sensitive waters are designated on the basis of the following criteria:

- (1.) The aquatic zone is part of a recognised salmonid fishery and is a spawning , nursery or angling area, **and**
- (2.) the geology is base-poor. **And**
- (3.) in regular water sampling **either**
 - pH readings are equal or less than 5.5, **or**
 - water hardness, in milligrams of calcium carbonate per litre, is less than 12, **or**
 - water alkalinity, in milligrams of calcium carbonate per litre, is equal to or less than 10.

In the Donegal Bay catchment six individual river catchments met the designation criteria:

- (1.) The Glen
- (2.) The Owenee
- (3.) The Ballaghdoe
- (4.) The Oily
- (5.) The Stragar
- (6.) The Glenaddragh

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Appendix C5 The Recorded Archaeological Sites Within Donegal Bay

Class Description	Townland	Monument No.	Nat-Grid E	Nat-Grid N	OS Sheet
ABBEY	BALLYBOYLE	DG099-009---	190730	376920	099-
ABBEY	ABBEY ISLAND	DG107-04401-	187020	362300	107-
ABBEY	ABBEY ISLAND	DG107-04401-	187020	362300	107-
ARCHAEOLOGICAL COMPLEX	ARDPATTEN	DG103-057---	189530	365170	103-
ARCHAEOLOGICAL COMPLEX	TWOMILESTONE	DG107-004---	188720	364760	107-
ARCHITECTURAL FRAGMENT	MULLANACROSS	DG103-00202-	189780	371210	103-
ARCHITECTURAL FRAGMENT	ABBEY ISLAND	DG107-04403-	187060	362300	107-
ARCHITECTURAL FRAGMENT	ABBEY ISLAND	DG107-04403-	187060	362300	107-
ARCHITECTURAL FRAGMENT	GLEBE (DONEGAL)	DG093-01304-	0	0	
BAWN	OLDTOWN	DG053-04302-	0	0	
BAWN	BALLYMONASTER	DG070-07801-	0	0	
BAWN	SUMMERHILL	DG099-00802-	190570	376670	
BUILDING	DRUMBEAGH	DG093-009---	185810	378580	093-

	(MOUNTCHARLES)				
BUILDING	RINNAKILL	DG096-01803-	158970	375340	096-
BULLAUN STONE	DRUMHALLAGH LOWER	DG028-01802-	379190	137720	028-
BULLAUN STONE	MULLANALAMPTRY	DG094-014---	197980	381960	094-
BULLAUN STONE	KILCAR	DG096-01003-	161460	376260	096-
BULLAUN STONE	KILL (LARGYMORE)	DG097-01301-	166360	375900	097-
BULLAUN STONE	SHALWY	DG097-01902-	165100	375400	097-
BULLAUN STONE	AIGHAN	DG098-00106-	175030	377490	098-
BULLAUN STONE	BEAUGREEN-GLEBE	DG098-01303-	175420	375500	098-
BULLAUN STONE	COOLMORE	DG103-036---	186490	366520	103-
BULLAUN STONE	KILBARRON	DG103-048---	185310	365420	103-
BULLAUN STONE	ABBEY ISLAND	DG107-04405-	187060	362250	107-
BULLAUN STONE	ABBEY ISLAND	DG107-04405-	187060	362250	107-
BULLAUN STONE	DOOISH	DG077-023---	0	0	
BULLAUN STONE	ARDFARN	DG109-006---	0	0	
BURIAL	COOLBOY BIG	DG045-025---	0	0	045-
BURIAL	LAHEEN	DG103-064---	191030	365210	103-
BURIAL	BALLYSHANNON	DG107-105---	0	0	107-
BURIAL	KNADER	DG107-	189370	361410	107-

		10802-			
BURIAL GROUND	BUNNATON	DG018-019---	0	0	018-
BURIAL GROUND	BALLYSAGGART	DG098-032---	174590	371760	098-
BURIAL MOUND	MOVILLE	DG021-010---	0	0	021-
CAIRN	MEENTAGHCONLAN	DG028-01501-	316980	271840	028-
CAIRN	LURGANBOY (KILLYGARVAN)	DG028-021---	277340	249410	028-
CAIRN	MEENTAGHCONLAN	DG028-01502-	317170	272020	028-
CAIRN	AUGHNISH	DG046-002---	0	0	046-
CAIRN	KILCAR	DG096-01002-	161370	376280	096-
CAIRN	KILCAR	DG096-01004-	161460	376260	096-
CAIRN	KILCAR	DG096-01302-	161410	376070	096-
CAIRN	KILBEG	DG096-020---	159860	375480	096-
CAIRN	BAVAN	DG097-00503-	165370	376070	097-
CAIRN	AIGHAN	DG098-00102-	175030	377490	098-
CAIRN	LURGAN	DG103-03902-	189470	366550	103-
CAIRN	BALLYNASHANNAGH	DG017-02001-	0	0	
CAIRN	BALLYNASHANNAGH	DG018-03301-	0	0	
CASHEL	LURGANBRACK	DG028-002---	429830	259690	028-

CASHEL	LURGANBRACK	DG028-00301-	427410	257540	028-
CASHEL	LEHARDAN	DG028-009---	398730	166280	028-
CASHEL	KILLYCOLMAN	DG028-013---	375020	165260	028-
CASHEL	GORTFLUGH	DG028-026---	313070	110380	028-
CASHEL	CORPORATION	DG091-003---	172000	378740	091-
CASHEL	CASHELOOGARY	DG092-005---	181200	380830	092-
CASHEL	CASHELTOWN (GARTAN)	DG092-014---	176900	378510	092-
CASHEL	CASHELREAGH GLEBE	DG092-015---	174230	378270	092-
CASHEL	SALLOWS	DG093-001---	186610	383570	093-
CASHEL	ROXBOROUGH GLEBE	DG096-002---	159020	377450	096-
CASHEL	CASHEL CARN	DG096-003---	162170	376970	096-
CASHEL	CASHEL CARN	DG096-00401-	162540	376820	096-
CASHEL	KILBEG	DG096-024---	160800	375400	096-
CASHEL	DRUMANOO	DG097-024---	169180	375180	097-
CASHEL	DRUMANOO	DG097-03201-	169580	373850	097-
CASHEL	KILLAGHTEE	DG098-016---	175740	375020	098-
CASHEL	TAWLAGHT	DG101-008---	211020	372140	101-
CASHEL	BALLYMAGRORTY IRISH	DG103-018---	190510	368660	103-
CASHEL	BALLYNACARRICK (BALLINTRA)	DG103-019---	192350	368810	103-
CASHEL	GARVANAGH	DG103-025---	192980	367460	103-
CASHEL	LURGAN	DG103-029---	189860	367260	103-
CASHEL	LURGAN	DG103-032---	189960	366930	103-
CASHEL	LURGAN	DG103-03901-	189470	366560	103-

CASHEL	KILBARRON	DG103-046---	185240	365470	103-
CASHEL	KILBARRON	DG103-047---	185240	365380	103-
CASHEL	KILBARRON	DG103-051---	185110	365310	103-
CASHEL	KILBARRON	DG103-053---	185240	365280	103-
CASHEL	KILBARRON	DG103-054---	185230	365180	103-
CASHEL	ARDPATTEN	DG103-05702-	189490	365230	103-
CASHEL	LAHEEN	DG103-061---	189270	364960	103-
CASHEL	BROWNHALL DEMESNE	DG104-005---	194320	369500	104-
CASHEL	CARRICKNAHORNA	DG104-009---	193790	365590	104-
CASHEL	KILBARRON	DG107-003---	185170	364800	107-
CASHEL	CREEVY	DG107-01601-	184780	364490	107-
CASHEL	CREEVY	DG107-01801-	185240	364440	107-
CASHEL	KILDONEY GLEBE	DG107-029---	183890	363250	107-
CASHEL	CREEVY	DG107-034---	185660	364060	107-
CASHEL	CARRICKBOY	DG107-059---	187270	360400	107-
CASHEL	DUNMUCKRUM	DG107-066---	185790	359980	107-
CASHEL	TWOMILESTONE	DG107-00404-	188610	364680	107-
CASHEL	ARDFARN	DG109-004---	182490	357760	109-
CASTLE	LIFFORD	DG071-00802-	0	0	071-
CASTLE	DONEGAL	DG093-01301-	192910	378540	093-
CASTLE	LOUGHEASK DEMESNE	DG094-005---	195760	382230	094-
CASTLE	LOUGHEASK DEMESNE	DG094-006---	196100	382410	094-

CASTLE	CORVEEN (CLOGHER)	DG094-007---	197220	382540	094-
CASTLE	KILLYBEGS	DG097-01501-	171300	376070	097-
CASTLE	GLEBE (KILLYBEGS)	DG097-01504-	171440	375590	097-
CASTLE	RAHAN NEAR	DG098-019---	175450	374570	098-
CASTLE	SUMMERHILL	DG099-00801-	190570	376670	099-
CASTLE	BALLYMAGRORTY IRISH	DG103-015---	190740	368960	103-
CASTLE	CLOGHBOLIE (BALLYSHANNON)	DG103-043---	183900	365190	103-
CASTLE	TOWNPARKS (BALLYSHANNON)	DG107-05302-	187920	361400	107-
CASTLE	BALLYHANNA (CARRICKBOY)	DG107-062---	190180	360740	107-
CASTLE	MAGHERACAR	DG109-001---	179280	358300	109-
CAVE	ABBEY ISLAND	DG107-04404-	187060	362300	107-
CAVE	ABBEY ISLAND	DG107-04404-	187060	362300	107-
CEMETERY	GLEBE (CARDOAGH)	DG028-033---	321830	92880	028-
CEMETERY CAIRN	KILLYCOLMAN	DG028-011---	384980	178790	028-
CEMETERY CAIRN	KINNEGAR	DG028-027---	316570	96120	028-
CEMETERY MOUND	LARGATREANY	DG015-001---	0	0	015-
CEMETERY MOUND	LETTERBRICK	DG067-001---	0	0	067-
CHAPEL	CARRAN LOWER	DG018-018---	0	0	018-
CHILDREN'S BURIAL GROUND	CARROWREAGH (KNOCKALLA)	DG028-005---	419670	234860	028-
CHILDREN'S BURIAL	GREENAN	DG085-001---	196420	385820	085-

GROUND					
CHILDREN'S BURIAL GROUND	ARDEEVIN	DG094-008---	198250	382830	094-
CHILDREN'S BURIAL GROUND	BALLYMAGRORTY SCOTCH	DG103-01101-	191450	369160	103-
CHURCH	BALLYMORE	DG090-00401-	155430	378270	090-
CHURCH	EGLISH	DG094-002---	194160	384110	094-
CHURCH	DUNKINEELY	DG098-010---	176680	376090	098-
CHURCH	ARDGILLEW	DG107-027---	189670	364070	107-
CHURCH	FINNER	DG107-07802-	184790	359730	107-
CHURCH AND GRAVEYARD	GLEBE (RATHMULLIN)	DG028-024---	325620	98390	028-
CHURCH AND GRAVEYARD	GLEBE (DONEGAL)	DG093-01303-	192670	377980	093-
CHURCH AND GRAVEYARD	KILGAR	DG096-01005-	161430	376220	096-
CHURCH AND GRAVEYARD	RINNAKILL	DG096-019---	159270	375260	096-
CHURCH AND GRAVEYARD	GLEBE (KILLYBEGS)	DG097-01502-	171380	375710	097-
CHURCH AND GRAVEYARD	INVER GLEBE	DG098-005---	181950	377660	098-
CHURCH AND GRAVEYARD	INVER GLEBE	DG098-005---	181950	377660	098-
CHURCH AND GRAVEYARD	INVER GLEBE	DG098-005---	181950	377660	098-

CHURCH AND GRAVEYARD	INVER GLEBE	DG098-005---	181950	377660	098-
CHURCH AND GRAVEYARD	BEAUGREEN GLEBE	DG098-01301-	175420	375500	098-
CHURCH AND GRAVEYARD	EDDRIM GLEBE	DG099-00101-	189230	377660	099-
CHURCH AND GRAVEYARD	TRUMMAN WEST	DG099-016---	193100	372910	099-
CHURCH AND GRAVEYARD	MULLANACROSS	DG103-00201-	189770	371200	103-
CHURCH AND GRAVEYARD	KILBARRON	DG103-055---	185070	365060	103-
CHURCH AND GRAVEYARD	KILBARRON	DG103-055---	185070	365060	103-
CHURCH AND GRAVEYARD	KILBARRON	DG103-055---	185070	365060	103-
CHURCH AND GRAVEYARD	KILBARRON	DG103-055---	185070	365060	103-
CHURCH AND GRAVEYARD	FINNER	DG106-007---	183470	359980	106-
CHURCH AND GRAVEYARD	FINNER	DG106-007---	183470	359980	106-
CHURCH AND GRAVEYARD	FINNER	DG106-007---	183470	359980	106-
CHURCH AND GRAVEYARD	FINNER	DG106-007---	183470	359980	106-
CHURCH AND GRAVEYARD	SMINVER (CARRICKBOY)	DG107-058---	187770	360700	107-

CHURCH SITE AND GRAVEYARD	KILMACREDDAN	DG098-008---	178910	376340	098-
CHURCH SITE AND GRAVEYARD	CLOGHORE (CARRICKBOY)	DG107-073---	193450	359800	107-
CHURCH SITE AND GRAVEYARD	MAGHERACAR	DG109-002---	180930	357900	109-
CIST	LARGATREANY	DG015-002---	0	0	015-
CIST	BALLYNASHANNAGH	DG017-02002-	0	0	017-
CIST	DUNMORE (CARROWKEEL)	DG027-025---	0	0	027-
CIST	LOUGHAGANNON	DG045-035---	0	0	045-
CIST	CARN LOW	DG046-001---	0	0	046-
CIST	INVER GLEBE	DG092-020---	181500	377720	092-
CIST	BALLYNASHANNAGH	DG018-03302-	0	0	
CIST	LOUGHAGANNON	DG053-040---	0	0	
CIST	LETTERKENNY	DG053-041---	0	0	
CIST	INVER GLEBE	DG098-038---	0	0	
CLOCHAN	GREENAN	DG085-004---	197040	386100	085-
CLOCHAN	BALLYMORE	DG090-00402-	155420	378260	090-
COURT-TOMB	BALLYMAGOWAN LOWER	DG027-001---	0	0	027-
COURT-TOMB	TIRLAYDAN	DG028-001---	417810	265520	028-
COURT-TOMB	DRUMHALLAGH UPPER	DG028-017---	349660	180230	028-
COURT-TOMB	OUGHTERLIN	DG028-028---	276200	182460	028-
COURT-TOMB	OUGHTERLIN	DG028-029---	274950	182150	028-
COURT-TOMB	OUGHTERLIN	DG028-030---	274130	181710	028-
COURT-TOMB	CARRICKNAMOGHIL	DG091-002---	172710	380250	091-

COURT-TOMB	KILLIN (BONNYGLEN)	DG092-003---	182830	382650	092-
COURT-TOMB	DRUMKEELAN	DG093-005---	186260	379380	093-
COURT-TOMB	LACKCROM	DG094-004---	193410	382010	094-
COURT-TOMB	CASHELCUMMIN	DG097-011---	170790	376730	097-
COURT-TOMB	CROAGHBEG	DG097-01701-	164590	375130	097-
COURT-TOMB	SHALWY	DG097-018---	164810	375310	097-
COURT-TOMB	BAVAN	DG097-020---	165130	375560	097-
COURT-TOMB	BINROE	DG097-029---	172390	375680	097-
COURT-TOMB	DRUMANOO	DG097-033---	170000	374050	097-
COURT-TOMB	TAWLAGHT	DG101-007---	211290	372360	101-
COURT-TOMB	LURGAN	DG103-022---	189030	367710	103-
COURT-TOMB	LURGAN	DG103-030---	189710	367120	103-
COURT-TOMB	COOL BEG	DG103-040---	185870	365990	103-
COURT-TOMB	CLOGHBOLIE (BALLYSHANNON)	DG103-044---	184370	365240	103-
COURT-TOMB	BALLYMUNTERHIGGIN	DG107-083---	187810	359280	107-
COURT-TOMB	KILLEEN	DG107-085---	190390	359620	107-
COURT-TOMB	CASHELARD	DG108-001---	193880	364170	108-
COURT-TOMB	FARRAGANS (LETTERMACAWARD)	DG065-017---	0	0	
COURT-TOMB	FINNER	DG106-016---	0	0	
CRANNOG	GREENAN	DG085-003---	197080	384800	085-
CRANNOG	CARRICKATAGGART	DG091-001---	171620	381850	091-
CROSS	RINNAKILL	DG096-01804-	158970	375340	096-
CROSS	INISHINNY (BALLINTRA)	DG032-011---	0	0	
CROSS	KILCASHEL	DG073-	0	0	

		01402-			
CROSS-INSCRIBED STONE	DERRYLAHAN (KILCAR)	DG096-00702-	159270	376120	096-
CROSS-SLAB	KILLYCOLMAN	DG028-01201-	381180	172450	028-
CROSS-SLAB	DRUMHALLAGH LOWER	DG028-01801-	379110	137810	028-
CROSS-SLAB	KINNAKILLEW	DG081-001---	0	0	081-
CROSS-SLAB	LAGHIL	DG081-002---	0	0	081-
CROSS-SLAB	DISERT	DG084-00103-	187980	387290	084-
CROSS-SLAB	AIGHAN	DG098-00104-	175030	377490	098-
CROSS-SLAB	BEAUGREEN GLEBE	DG098-01302-	175430	375490	098-
CROSS-SLAB	BEAUGREEN GLEBE	DG098-01302-	175440	375490	098-
CROSS-SLAB	BEAUGREEN GLEBE	DG098-01302-	175430	375490	098-
CROSS-SLAB	BEAUGREEN GLEBE	DG098-01302-	175440	375490	098-
CROSS-SLAB	BALLYNALLY	DG021-016---	0	0	
CROSS-SLAB	KILCASHEL	DG073-01403-	0	0	
CROSS-SLAB	NEWTOWNBURKE	DG073-043---	0	0	
CRUCIFIXION PLAQUE	TORY ISLAND	DG006-00210-	0	0	
DWELLING	ARDFARN	DG109-005---	182150	357980	109-

DWELLING	OLDTOWN	DG053-04301-	0	0	
DWELLING	BALLYMONASTER	DG070-07802-	0	0	
ECCLESIASTICAL ENCLOSURE	DISERT	DG084-00101-	187980	387290	084-
ECCLESIASTICAL REMAINS	DRUMHALLAGH LOWER	DG028-018---	379220	137710	028-
ECCLESIASTICAL REMAINS	BALLYMORE	DG090-004---	155420	378280	090-
ECCLESIASTICAL REMAINS	KILCAR	DG096-01201-	161430	376220	096-
ECCLESIASTICAL REMAINS	KILCAR	DG096-010---	161390	376290	096-
ECCLESIASTICAL REMAINS	RINNAKILL	DG096-018---	158990	375320	096-
ECCLESIASTICAL REMAINS	SHALWY	DG097-019---	165100	375400	097-
ECCLESIASTICAL REMAINS	AIGHAN	DG098-001---	175040	377490	098-
ECCLESIASTICAL REMAINS	INVER GLEBE	DG098-005---	181950	377660	098-
ECCLESIASTICAL REMAINS	INVER GLEBE	DG098-005---	181950	377660	098-
ECCLESIASTICAL REMAINS	INVER GLEBE	DG098-005---	181950	377660	098-
ECCLESIASTICAL REMAINS	INVER GLEBE	DG098-005---	181950	377660	098-

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ECCLESIASTICAL REMAINS	BEAUGREEN GLEBE	DG098-013---	175420	375490	098-
ECCLESIASTICAL REMAINS	MULLANACROSS	DG103-002---	189770	371200	103-
ECCLESIASTICAL REMAINS	BALLYMAGRORTY SCOTCH	DG103-011---	191470	369150	103-
ECCLESIASTICAL REMAINS	KILBARRON	DG103-055---	185070	365060	103-
ECCLESIASTICAL REMAINS	KILBARRON	DG103-055---	185070	365060	103-
ECCLESIASTICAL REMAINS	KILBARRON	DG103-055---	185070	365060	103-
ECCLESIASTICAL REMAINS	KILBARRON	DG103-055---	185070	365060	103-
ECCLESIASTICAL REMAINS	FINNER	DG106-007---	183470	359980	106-
ECCLESIASTICAL REMAINS	FINNER	DG106-007---	183470	359980	106-
ECCLESIASTICAL REMAINS	FINNER	DG106-007---	183470	359980	106-
ECCLESIASTICAL REMAINS	FINNER	DG106-007---	183470	359980	106-
ECCLESIASTICAL REMAINS	FINNER	DG107-078---	184780	359720	107-
ECCLESIASTICAL REMAINS	ABBAY ISLAND	DG107-044---	187060	362300	107-
ECCLESIASTICAL REMAINS	ABBAY ISLAND	DG107-044---	187060	362300	107-

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ENCLOSURE	POINT (DUNKINEELY)	DG2097036-- -	171730	370030	2097
ENCLOSURE	ANNY FAR AND NEAR	DG028-006---	400360	220030	028-
ENCLOSURE	GORTCALLY	DG028-014---	311900	306920	028-
ENCLOSURE	GORTCALLY	DG028-016---	0	0	028-
ENCLOSURE	LURGANBOY (KILLYGARVAN)	DG028-022---	295020	211810	028-
ENCLOSURE	DRUMHALLAGH LOWER	DG028- 01803-	379120	137690	028-
ENCLOSURE	TIRKILLIN	DG044-014---	0	0	044-
ENCLOSURE	RATHDONNELL	DG044-032---	0	0	044-
ENCLOSURE	KILCASEY	DG090-005---	160990	378040	090-
ENCLOSURE	CROAGH (CORKERMORE)	DG092-002---	179250	383040	092-
ENCLOSURE	INVER GLEBE	DG092-012---	181470	377780	092-
ENCLOSURE	RAFOARTY (BALLINTRA)	DG092-016---	177990	378080	092-
ENCLOSURE	CROAGH (CORKERMORE)	DG092-017---	178290	382450	092-
ENCLOSURE	LISAVADDY	DG092-018---	177140	378860	092-
ENCLOSURE	CASHEL TOWN (GARTAN)	DG092-019---	176920	377740	092-
ENCLOSURE	DRUMRONE	DG093-002---	187660	382930	093-
ENCLOSURE	OGHERBEG	DG093-003---	192840	382030	093-
ENCLOSURE	DRUMSTEVLIN	DG093-007---	190540	379630	093-
ENCLOSURE	REVLIN	DG093-015---	192460	378220	093-
ENCLOSURE	ARDEEVIN	DG094-010---	198910	382900	094-
ENCLOSURE	DRUMBARRON	DG094-015---	195110	380220	094-
ENCLOSURE	CROAGHLIN (GLENCOLUMBKILLE)	DG096-017---	156620	375150	096-
ENCLOSURE	TAWNY (LARGYMORE)	DG096-028---	161590	375130	096-
ENCLOSURE	LARGYSILLAGH	DG097-006---	167690	376360	097-
ENCLOSURE	FINTRAGH	DG097-	170070	376510	097-

		01001-			
ENCLOSURE	LARGYSILLAGH	DG097-014---	167010	375940	097-
ENCLOSURE	GLEBE (KILLYBEGS)	DG097-016---	171670	375960	097-
ENCLOSURE	CROAGHBEG	DG097-01702-	164590	375130	097-
ENCLOSURE	LARGYSILLAGH	DG097-023---	167210	375570	097-
ENCLOSURE	GLEBE (KILLYBEGS)	DG097-028---	171330	375490	097-
ENCLOSURE	ROSHIN (KILLYBEGS)	DG097-030---	171150	375040	097-
ENCLOSURE	DUNKINEELY	DG098-011---	176420	375960	098-
ENCLOSURE	DUNKINEELY	DG098-012---	176470	375860	098-
ENCLOSURE	AIGHAN	DG098-00101-	175040	377490	098-
ENCLOSURE	RAHAN NEAR	DG098-035---	176310	374710	098-
ENCLOSURE	BRUCKLESS	DG098-036---	175320	377370	098-
ENCLOSURE	BRUCKLESS	DG098-037---	175230	376870	098-
ENCLOSURE	SUMMERHILL	DG099-006---	189650	376310	099-
ENCLOSURE	SUMMERHILL	DG099-007---	189990	376520	099-
ENCLOSURE	MULLANASOLE	DG099-015---	191910	373260	099-
ENCLOSURE	TULLY (DONEGAL)	DG100-001---	194850	377530	100-
ENCLOSURE	INISHFAD	DG103-005---	187830	370340	103-
ENCLOSURE	ROSSNOWLAGH UPPER OR CROCKAHAN	DG103-020---	186440	367260	103-
ENCLOSURE	BALLYNACARRICK (BALLINTRA)	DG103-024---	192880	368060	103-
ENCLOSURE	KILBARRON	DG103-05601-	185220	365060	103-
ENCLOSURE	TWOMILESTONE	DG103-05704-	189600	365130	103-

ENCLOSURE	KILDONEY GLEBE	DG106-002---	183140	364260	106-
ENCLOSURE	TWOMILESTONE	DG107-005---	188670	364850	107-
ENCLOSURE	TWOMILESTONE	DG107-006---	188730	364860	107-
ENCLOSURE	CREEVY	DG107-017---	184940	364420	107-
ENCLOSURE	ARDGILLEW	DG107-026---	190000	364380	107-
ENCLOSURE	KILDONEY GLEBE	DG107-030---	184210	363480	107-
ENCLOSURE	BALLYMACAWARD	DG107-038---	185790	363180	107-
ENCLOSURE	BALLYMACAWARD	DG107-039---	185800	363080	107-
ENCLOSURE	RAHEEN	DG107-060---	189250	360600	107-
ENCLOSURE	DRUMNAGROAGH	DG107-068---	189080	359930	107-
ENCLOSURE	RAHEEN	DG107-069---	189360	360180	107-
ENCLOSURE	DRUMACRIN	DG107-077---	184140	359360	107-
ENCLOSURE	LISSACHOLLY	DG107-097---	190040	358910	107-
ENCLOSURE	TWOMILESTONE	DG107-00401-	188650	364690	107-
ENCLOSURE	FINNER	DG107-07801-	184790	359730	107-
ENCLOSURE	KNADER	DG107-10801-	189370	361410	107-
ENCLOSURE	RATHMORE	DG107-111---	185360	359730	107-
ENCLOSURE	DUNMUCKRUM	DG107-112---	186380	359530	107-
ENCLOSURE	DUNMUCKRUM	DG110-00501-	186340	358250	110-
ENCLOSURE	DUNDOOAN LOWER	DG007-00102-	0	0	
ENCLOSURE	CLONCA	DG012-045---	0	0	
ENCLOSURE	ANNAGARY	DG041-009---	0	0	
ENCLOSURE	KILCASHEL	DG073-	0	0	

		01401-			
ENCLOSURE	KILCASHEL	DG078-04301-	0	0	
ENCLOSURE	ARDPATTEN	DG103-05707-	0	0	
ENCLOSURE	ARDPATTEN	DG103-05709-	0	0	
ENCLOSURE	ARDPATTEN	DG103-05711-	0	0	
ENCLOSURE	ARDPATTEN	DG103-05712-	0	0	
ENCLOSURE	TOWNPARKS (BALLYSHANNON)	DG107-05301-	187430	361650	
FIELD SYSTEM	MALIN BEG	DG089-015---	0	0	089-
FIELD SYSTEM	BALLYNAGLOUGH	DG103-05701-	189510	365170	103-
FIELD WALL	ROSHIN (KILLYBEGS)	DG097-03401-	170430	374160	097-
FIELD WALL	CLOGHAN MORE	DG068-029---	0	0	
FIELD WALL	LETTERMORE (BINBANS)	DG084-00202-	185090	384580	
FRIARY	GLEBE (DONEGAL)	DG093-01302-	192740	378090	093-
FRIARY	BALLYSAGGART	DG098-03101-	174630	371850	098-
FRIARY	LURGANBOY (DONEGAL)	DG099-01001-	192440	377010	099-
FULACHT FIADH	DRUMGOWAN	DG100-017---	193930	375990	100-

GRAVE-SLAB	CORPORATION	DG097-01201-	171630	376720	097-
GRAVE-SLAB	BEAUGREEN GLEBE	DG098-01302-	175430	375490	098-
GRAVE-SLAB	BEAUGREEN GLEBE	DG098-01302-	175440	375490	098-
GRAVE-SLAB	AIGHAN	DG098-00103-	175030	377490	098-
GRAVE-SLAB	BEAUGREEN GLEBE	DG098-01302-	175430	375490	098-
GRAVE-SLAB	BEAUGREEN GLEBE	DG098-01302-	175440	375490	098-
GRAVEYARD	DISERT	DG084-00102-	187980	387290	084-
GRAVEYARD	INVER GLEBE	DG092-013---	181970	377690	092-
GRAVEYARD	DERRYLAHAN (KILCAR)	DG096-00701-	159280	376120	096-
GRAVEYARD	KILBEG	DG096-022---	161040	375750	096-
GRAVEYARD	MUCKROS (LARGYMORE)	DG096-026---	162450	374400	096-
GRAVEYARD	KILL (LARGYMORE)	DG097-01302-	166360	375900	097-
GRAVEYARD	TULLVOOS	DG098-026---	182490	374150	098-
GRAVEYARD	MULLANACROSS	DG103-00203-	189810	371250	103-
GRAVEYARD	KILLINANGEL MORE	DG103-016---	188170	368400	103-
GRAVEYARD	KILDONEY GLEBE	DG107-015---	183920	364300	107-
GRAVEYARD	ABBEY ISLAND	DG107-04402-	187070	362300	107-

GRAVEYARD	ABBEY ISLAND	DG107-04402-	187070	362300	107-
GRAVEYARD	SHALWY	DG097-01901-	165100	375400	
HILLFORT	GLASBOLIE	DG103-01701-	189930	368590	103-
HOLY STONE	SHALWY	DG097-01905-	165110	375410	097-
HOLY WELL	POINT (DUNKINEELY)	DG2097038-- -	170630	369290	2097
HOLY WELL	ROSNAKILL	DG008-022---	0	0	008-
HOLY WELL	INISHDOOEY	DG014-002---	0	0	014-
HOLY WELL	DERRYREEL	DG025-037---	0	0	025-
HOLY WELL	CASHELMORE	DG026-015---	0	0	026-
HOLY WELL	CARNGARROW	DG028-004---	430350	232330	028-
HOLY WELL	KILLYGARVAN UPPER	DG028-025---	326450	95440	028-
HOLY WELL	MOYAGH	DG036-032---	0	0	036-
HOLY WELL	CRUIF LOWER	DG040-001---	0	0	040-
HOLY WELL	CRUIF LOWER	DG040-002---	0	0	040-
HOLY WELL	ANNAGARY	DG041-006---	0	0	041-
HOLY WELL	MEENDERRYOWEN	DG041-008---	0	0	041-
HOLY WELL	ILLANCRONE ISLAND	DG048-005---	0	0	048-
HOLY WELL	DISERT	DG084-00104-	187980	387320	084-
HOLY WELL	BALLYMORE	DG090-00403-	155430	378280	090-
HOLY WELL	MOUNTCHARLES	DG093-010---	186250	378510	093-
HOLY WELL	DERRYLAHAN (KILCAR)	DG096-006---	159350	376220	096-

HOLY WELL	DERRYLAHAN (KILCAR)	DG096-008---	159100	375940	096-
HOLY WELL	KILCAR	DG096-01001-	161370	376280	096-
HOLY WELL	KILCAR	DG096-01301-	161410	376070	096-
HOLY WELL	RINNAKILL	DG096-01801-	158950	375320	096-
HOLY WELL	KILBEG	DG096-023---	160950	375640	096-
HOLY WELL	RINNAKILL	DG096-01805-	158990	375300	096-
HOLY WELL	SHALWY	DG097-01903-	165100	375400	097-
HOLY WELL	GLEBE (KILLYBEGS)	DG097-01503-	171440	375660	097-
HOLY WELL	AIGHAN	DG098-00201-	175120	377580	098-
HOLY WELL	AIGHAN	DG098-00201-	175120	377570	098-
HOLY WELL	FANAGHANS	DG098-004---	181190	377600	098-
HOLY WELL	RANEELY	DG098-033---	181080	372910	098-
HOLY WELL	AIGHAN	DG098-00201-	175120	377580	098-
HOLY WELL	AIGHAN	DG098-00201-	175120	377570	098-
HOLY WELL	LAGHY	DG100-011---	194460	374010	100-
HOLY WELL	TOBERNAHOORY	DG103-004---	192320	370900	103-
HOLY WELL	KILBARRON	DG103-052---	185140	365260	103-
HOLY WELL	KILDONEY GLEBE	DG107-014---	183930	364450	107-

HOLY WELL	COOLCHOLLY	DG107-041---	188850	362910	107-
HOLY WELL	ABBEYLANDS	DG107-043---	186770	362170	107-
HOLY WELL	ABBEY ISLAND	DG107-046---	187340	362320	107-
HOLY WELL	ABBEY ISLAND	DG107-046---	187340	362320	107-
HOLY WELL	SMINVER (CARRICKBOY)	DG107-057---	188060	360980	107-
HOLY WELL	LEGALOSCRAN	DG107-081---	187770	359410	107-
HOLY WELL	BALLYMUNTERHIGGIN	DG107-082---	187800	359350	107-
HOLY WELL	COOLCHOLLY	DG107-107---	187720	362030	107-
HOLY WELL	CLOGHORE (CARRICKBOY)	DG108-002---	193510	359700	108-
HOLY WELL	DUNMUCKRUM	DG110-00502-	186290	358240	110-
HOLY WELL	CARROWREAGH OR CRAIGNACALLY	DG004-057---	0	0	
HOLY WELL	BALLYMAGRORTY SCOTCH	DG103-067---	0	0	
HUT SITE	CREEVEOUGHTER	DG028-010---	357070	241980	028-
HUT SITE	GREENAN	DG085-002---	196530	385560	085-
HUT SITE	CLOCHER	DG094-017---	199560	380410	094-
HUT SITE	DERRYLAHAN (KILCAR)	DG096-005---	159160	376250	096-
HUT SITE	LURGAN	DG103-031---	189830	366980	103-
HUT SITE	ARDPATTEN	DG103-05703-	189880	365280	103-
HUT SITE	ARDPATTEN	DG103-05703-	189570	365120	103-
HUT SITE	ARDPATTEN	DG103-05703-	189880	365280	103-
HUT SITE	ARDPATTEN	DG103-05703-	189570	365120	103-
HUT SITE	ARDPATTEN	DG103-	189110	364950	103-

		05705-			
HUT SITE	ARDPATTEN	DG107-009---	189130	364900	107-
HUT SITE	ARDPATTEN	DG107-010---	189220	364900	107-
HUT SITE	TWOMILESTONE	DG107-00403-	188820	364850	107-
HUT SITE	CREEVY	DG107-01603-	184790	364490	107-
HUT SITE	DUNDOOAN LOWER	DG007-00102-	0	0	
HUT SITE	LARGATREANY	DG015-00302-	0	0	
HUT SITE	BALLYMORE	DG090-00702-	0	0	
HUT SITE	ARDPATTEN	DG103-05708-	0	0	
HUT SITE	ARDPATTEN	DG103-05710-	0	0	
LONG CIST	DOAGH MORE	DG008-02002-	0	0	008-
LONG CIST	DOAGH MORE	DG017-02502-	0	0	
MEGALITHIC TOMB	CREEVEOUGHTEER	DG028-007---	396940	203850	028-
MEGALITHIC TOMB	TAWNYVORGAL	DG094-003---	195970	383410	094-
MEGALITHIC TOMB	DRUMRAT	DG094-023---	194700	378400	094-
MEGALITHIC TOMB	CAPPAGH	DG096-014---	157660	375890	096-
MEGALITHIC TOMB	CROAGHLIN (GLENCOLUMBKILLE)	DG096-015---	157040	375620	096-
MEGALITHIC TOMB	CROAGHLIN	DG096-016---	156840	375470	096-

	(GLENCOLUMBKILLE)				
MEGALITHIC TOMB	KILBARRON	DG103-049---	185510	365450	103-
MEGALITHIC TOMB	CARRICKNAHORNA	DG104-010---	193690	365230	104-
MEGALITHIC TOMB	FINNER	DG106-008---	182640	359520	106-
MEGALITHIC TOMB	KNOCKNASHANGAN	DG107-089---	192560	359270	107-
MEGALITHIC TOMB	ROWANTREEHILL	DG107-102---	191810	358880	107-
MEGALITHIC TOMB	LEGALTAN	DG107-110---	187900	363210	107-
MEGALITHIC TOMB	GOLARD	DG100-016---	0	0	
MIDDEN	GOOREY	DG004-056---	0	0	004-
MIDDEN	DOAGH MORE	DG008-02001-	0	0	008-
MIDDEN	GORTNALUGHORE	DG008-021---	0	0	008-
MIDDEN	DOAGH BEG	DG009-004---	0	0	009-
MIDDEN	LARGATREANY	DG015-00301-	0	0	015-
MIDDEN	CROAGHROSS	DG018-002---	0	0	018-
MIDDEN	BALEYNNESS	DG024-001---	0	0	024-
MIDDEN	KINNEGAR	DG028-031---	0	0	028-
MIDDEN	GOLA ISLAND	DG032-002---	0	0	032-
MIDDEN	CARNBOY	DG032-006---	0	0	032-
MIDDEN	BUNBEG	DG032-007---	0	0	032-
MIDDEN	INISHINNY (RUTLAND)	DG040-004---	0	0	040-
MIDDEN	RUTLAND ISLAND	DG048-004---	0	0	048-
MIDDEN	MUCKROS (LARGYMORE)	DG096-02702-	161790	373590	096-
MIDDEN	FINTRAGH	DG097-008---	169130	376490	097-
MIDDEN	ROSSNOWLAGH LOWER	DG103-009---	186820	369350	103-
MIDDEN	FINNER	DG106-005---	182750	360810	106-

MIDDEN	INISH SAMER	DG107-055---	187060	361410	107-
MIDDEN	MAGHERACAR	DG109-003---	181870	357760	109-
MIDDEN	DOAGH MORE	DG017-02501-	0	0	
MIDDEN	KILCASHEL	DG078-04302-	0	0	
MISCELLANEOUS	GARRYGORT	DG036-033---	0	0	036-
MISCELLANEOUS	BELLANASCADDAN	DG045-033---	0	0	045-
MISCELLANEOUS	CLOGHAN	DG094-019---	199600	380360	094-
MISCELLANEOUS	AIGHAN	DG098-00105-	175040	377480	098-
MISCELLANEOUS	CARN (PETTIGOE)	DG101-011---	209050	372110	101-
MISCELLANEOUS	DRUMORE	DG103-013---	189620	369120	103-
MISCELLANEOUS	ARDPATTEN	DG103-05703-	189880	365280	103-
MISCELLANEOUS	ARDPATTEN	DG103-05703-	189570	365120	103-
MISCELLANEOUS	ARDPATTEN	DG103-05703-	189880	365280	103-
MISCELLANEOUS	ARDPATTEN	DG103-05703-	189570	365120	103-
MOUND	STRANAKIRK	DG090-002---	160550	382980	090-
MOUND	ARDEEVIN	DG094-01102-	198880	382530	094-
MOUND	LARGYNAGREANA	DG097-003---	170950	377190	097-
MOUND	BALLYMAGRORTY SCOTCH	DG103-01102-	191450	369160	103-
MOUND	GLASBOLIE	DG103-	189940	368600	103-

		01702-			
MOUND	TOWNPARKS (BALLYSHANNON)	DG107-05202-	186970	361620	107-
MULTIPLE CIST BURIAL	LOUGH SWILLY	DG053-016---	0	0	053-
NON-ANTIQUITY	DISERT	DG084-003---	0	0	
PASSAGE-TOMB	MAGHERACAR	DG106-011---	179620	358700	106-
PASSAGE-TOMB	FINNER	DG107-065---	183840	359870	107-
PASSAGE-TOMB	FINNER	DG107-106---	0	0	107-
PASSAGE-TOMB	FINNER	DG106-015---	0	0	
PENITENTIAL STATION/CAIRN	DISERT	DG084-00105-	187980	387290	084-
PENITENTIAL STATION/CAIRN	RINNAKILL	DG096-01802-	158970	375340	096-
PENITENTIAL STATION/CAIRN	SHALWY	DG097-01904-	165080	375400	097-
PENITENTIAL STATION/CAIRN	AIGHAN	DG098-00202-	175120	377580	098-
PENITENTIAL STATION/CAIRN	BALE YMORE	DG090-00701-	0	0	
PENITENTIAL STATION/CAIRN	AIGHAN	DG098-00107-	0	0	
PORTAL-TOMB	BIN	DG028-019---	383160	130780	028-
PORTAL-TOMB	STRALEEL NORTH	DG090-001---	158860	382720	090-
PORTAL-TOMB	GILBERTSTOWN	DG092-006---	175000	379430	092-
PROMONTORY FORT	DERRYLAHAN (KILCAR)	DG096-009---	159520	375810	096-
PROMONTORY FORT	TAWNY (LARGYMORE)	DG096-025---	160140	374740	096-
PROMONTORY FORT	MUCKROS (LARGYMORE)	DG096-02701-	161790	373580	096-

PROMONTORY FORT	LARGYSILLAGH	DG097-022---	166910	375500	097-
PROMONTORY FORT	RANEELY	DG098-034---	180830	372680	098-
PROMONTORY FORT	DRUMACRIN	DG106-009---	181790	359140	106-
PROMONTORY FORT	TOWNPARKS (BALLYSHANNON)	DG107-051---	186940	361600	107-
PROMONTORY FORT	TOWNPARKS (BALLYSHANNON)	DG107-05201-	187010	361670	107-
RING-BARROW	DRUMCONOR	DG093-019---	184770	377820	093-
RING-BARROW	DRUMCONOR	DG093-020---	184710	377760	093-
RING-BARROW	MULLANACROSS	DG103-001---	188800	371200	103-
RING-BARROW	CREEVY	DG107-020---	186930	364620	107-
RING-BARROW	CREEVY	DG107-022---	187450	364710	107-
RING-BARROW	TULLY MORE (BALLYSHANNON)	DG107-02301-	188440	364220	107-
RING-BARROW	TULLY MORE (BALLYSHANNON)	DG107-02302-	188480	364220	107-
RING-BARROW	TULLY MORE (BALLYSHANNON)	DG107-02302-	188470	364220	107-
RING-BARROW	TULLY MORE (BALLYSHANNON)	DG107-02303-	188520	364220	107-
RING-BARROW	TULLY MORE (BALLYSHANNON)	DG107-02303-	188520	364220	107-
RING-BARROW	DUNMUCKRUM	DG107-095---	187090	358830	107-
RING-BARROW	DUNMUCKRUM	DG107-096---	187210	358810	107-
RING-BARROW	KNOCKNASHANGAN	DG107-103---	192480	358910	107-
RING-BARROW	TULLY MORE (BALLYSHANNON)	DG107-02302-	188480	364220	107-
RING-BARROW	TULLY MORE (BALLYSHANNON)	DG107-02302-	188470	364220	107-

RING-BARROW	TULLY MORE (BALLYSHANNON)	DG107- 02303-	188520	364220	107-
RING-BARROW	TULLY MORE (BALLYSHANNON)	DG107- 02303-	188520	364220	107-
RING-BARROW GROUP	TULLY MORE (BALLYSHANNON)	DG107-023---	188480	364220	107-
RINGFORT (RATH \ CASHEL)	KILLULTAN	DG2097035-- -	171570	370640	2097
RINGFORT (RATH \ CASHEL)	POINT (DUNKINEELY)	DG2097037-- -	171150	369860	2097
RINGFORT (RATH \ CASHEL)	CARROWBLAGH OR LECKEMY	DG012- 04201-	0	0	012-
RINGFORT (RATH \ CASHEL)	CLONDALLAN	DG028-020---	375140	125130	028-
RINGFORT (RATH \ CASHEL)	CLONDALLAN	DG028-023---	341100	127620	028-
RINGFORT (RATH \ CASHEL)	GLENLOUGH	DG072-001---	0	0	072-
RINGFORT (RATH \ CASHEL)	URBAL	DG092-001---	176010	382350	092-
RINGFORT (RATH \ CASHEL)	RAHANLACKY	DG092-004---	178600	380400	092-
RINGFORT (RATH \ CASHEL)	TIEVEDOOLY	DG092-008---	179080	379250	092-
RINGFORT (RATH \ CASHEL)	COOLSHANGAN	DG092-009---	181000	378650	092-
RINGFORT (RATH \ CASHEL)	INVER GLEBE	DG092-010---	181630	378330	092-

RINGFORT (RATH \ CASHEL)	INVER GLEBE	DG092-011---	182030	378380	092-
RINGFORT (RATH \ CASHEL)	BALLYDEVITT	DG093-004---	190780	380330	093-
RINGFORT (RATH \ CASHEL)	DRUMSTEVLIN	DG093-011---	190610	379090	093-
RINGFORT (RATH \ CASHEL)	DOONAN	DG093-012---	191560	378980	093-
RINGFORT (RATH \ CASHEL)	REVLIN	DG093-014---	192380	378350	093-
RINGFORT (RATH \ CASHEL)	RAFORKER	DG093-018---	193370	377790	093-
RINGFORT (RATH \ CASHEL)	ARDEEVIN	DG094-009---	198530	382970	094-
RINGFORT (RATH \ CASHEL)	DRUMROOSK EAST	DG094-016---	193700	379770	094-
RINGFORT (RATH \ CASHEL)	TINNYCAHIL	DG094-020---	195690	379360	094-
RINGFORT (RATH \ CASHEL)	ARDESKIN	DG094-022---	193930	377840	094-
RINGFORT (RATH \ CASHEL)	AGHRAGH	DG096-001---	158380	377230	096-
RINGFORT (RATH \ CASHEL)	LARGYNAGREANA	DG097-00201-	170840	377220	097-
RINGFORT (RATH \ CASHEL)	FINTRAGH	DG097-00401-	168540	376920	097-
RINGFORT (RATH \ CASHEL)	FINTRAGH	DG097-007---	168010	376520	097-

RINGFORT (RATH \ CASHEL)	FINTRAGH	DG097-009---	169600	376340	097-
RINGFORT (RATH \ CASHEL)	LARGYMORE	DG097-021---	165570	375580	097-
RINGFORT (RATH \ CASHEL)	DRUMANOO	DG097-031---	168780	374410	097-
RINGFORT (RATH \ CASHEL)	LARGYSILLAGH	DG097-035---	167230	376560	097-
RINGFORT (RATH \ CASHEL)	CLOVERHILL OR DRUMBEG	DG098-006---	182370	377100	098-
RINGFORT (RATH \ CASHEL)	DARNEY	DG098-007---	175640	376380	098-
RINGFORT (RATH \ CASHEL)	DRUMGORMAN	DG098-009---	183390	376400	098-
RINGFORT (RATH \ CASHEL)	DRUMCOE	DG098-017---	183000	375380	098-
RINGFORT (RATH \ CASHEL)	CAVAN (DUNKINEELY)	DG098-020---	176920	374500	098-
RINGFORT (RATH \ CASHEL)	RAHAN FAR	DG098-021---	175890	374210	098-
RINGFORT (RATH \ CASHEL)	RAHAN FAR	DG098-022---	176530	374120	098-
RINGFORT (RATH \ CASHEL)	MENAMNY	DG098-023---	175940	373590	098-
RINGFORT (RATH \ CASHEL)	MENAMNY	DG098-024---	176550	373620	098-
RINGFORT (RATH \ CASHEL)	TULLVOOS	DG098-025---	182360	374650	098-

RINGFORT (RATH \ CASHEL)	RANEELY	DG098-027---	181040	373830	098-
RINGFORT (RATH \ CASHEL)	BALLYEDERLAN	DG098-028---	175320	372810	098-
RINGFORT (RATH \ CASHEL)	BALLYEDERLAN	DG098-029---	175160	372620	098-
RINGFORT (RATH \ CASHEL)	BALLYSAGGART	DG098-030---	174910	372170	098-
RINGFORT (RATH \ CASHEL)	TULLAGHCULLION	DG099-002---	192390	377410	099-
RINGFORT (RATH \ CASHEL)	DRUMGORMAN	DG099-003---	184000	376240	099-
RINGFORT (RATH \ CASHEL)	MUNTERNEESE	DG099-004---	184480	376110	099-
RINGFORT (RATH \ CASHEL)	DROMORE (BALLINTRA)	DG099-005---	185220	376490	099-
RINGFORT (RATH \ CASHEL)	DRUMANEARY (MOUNT CHARLES)	DG099-011---	185530	375400	099-
RINGFORT (RATH \ CASHEL)	ROSSILY	DG099-014---	191810	374090	099-
RINGFORT (RATH \ CASHEL)	RATHTINNY GLEBE	DG099-017---	191820	372540	099-
RINGFORT (RATH \ CASHEL)	BALLYBULGAN	DG099-018---	191560	371650	099-
RINGFORT (RATH \ CASHEL)	DRUMGOWAN	DG100-002---	194060	376640	100-
RINGFORT (RATH \ CASHEL)	DRUMGOWAN	DG100-003---	194010	376590	100-

RINGFORT (RATH \ CASHEL)	DRUMGOWAN	DG100-004---	193910	376310	100-
RINGFORT (RATH \ CASHEL)	TULLYGALLAN	DG100-005---	194270	375360	100-
RINGFORT (RATH \ CASHEL)	TULLYGALLAN	DG100-006---	194130	375270	100-
RINGFORT (RATH \ CASHEL)	MOYNE	DG100-007---	195740	375820	100-
RINGFORT (RATH \ CASHEL)	RANEANY EAST	DG100-008---	195380	375300	100-
RINGFORT (RATH \ CASHEL)	RANEANY EAST	DG100-009---	195610	375170	100-
RINGFORT (RATH \ CASHEL)	GOLARD	DG100-010---	195950	375330	100-
RINGFORT (RATH \ CASHEL)	TRUMMAN EAST	DG100-012---	194320	373190	100-
RINGFORT (RATH \ CASHEL)	LISNAPASTE	DG100-013---	194300	372410	100-
RINGFORT (RATH \ CASHEL)	LISNAPASTE	DG100-014---	193850	372040	100-
RINGFORT (RATH \ CASHEL)	LISNAPASTE	DG100-015---	194920	371390	100-
RINGFORT (RATH \ CASHEL)	GROUSEHALL	DG102-003---	215250	371730	102-
RINGFORT (RATH \ CASHEL)	MONEYMORE (BALLINTRA)	DG103-006---	191020	370400	103-
RINGFORT (RATH \ CASHEL)	MONEYMORE (BALLINTRA)	DG103-007---	191200	370430	103-

RINGFORT (RATH \ CASHEL)	BROWNHALL DEMESNE	DG103-008---	193350	370210	103-
RINGFORT (RATH \ CASHEL)	BIRRA	DG103-010---	188210	369490	103-
RINGFORT (RATH \ CASHEL)	BIRRA	DG103-012---	188460	368860	103-
RINGFORT (RATH \ CASHEL)	ARDEELAN LOWER	DG103-026---	186770	367040	103-
RINGFORT (RATH \ CASHEL)	KILLINANGEL BEG	DG103-027---	187980	367190	103-
RINGFORT (RATH \ CASHEL)	ARDEELAN LOWER	DG103-033---	186510	366810	103-
RINGFORT (RATH \ CASHEL)	COOL BEG	DG103-034---	185600	366400	103-
RINGFORT (RATH \ CASHEL)	COOL MORE	DG103-035---	186440	366490	103-
RINGFORT (RATH \ CASHEL)	ROSSCAT	DG103-037---	188750	366540	103-
RINGFORT (RATH \ CASHEL)	ROSSCAT	DG103-038---	188800	366400	103-
RINGFORT (RATH \ CASHEL)	CARRICKNAHORNA	DG103-042---	192540	365790	103-
RINGFORT (RATH \ CASHEL)	CLOGHBOLIE (BALLYSHANNON)	DG103-045---	184480	365140	103-
RINGFORT (RATH \ CASHEL)	KILBARRON	DG103-050---	185860	365500	103-
RINGFORT (RATH \ CASHEL)	LAHEEN	DG103-062---	190780	365340	103-

RINGFORT (RATH \ CASHEL)	CASHELARD	DG103-066---	192180	364930	103-
RINGFORT (RATH \ CASHEL)	RATH	DG104-001---	194490	371260	104-
RINGFORT (RATH \ CASHEL)	RATH	DG104-002---	194720	371060	104-
RINGFORT (RATH \ CASHEL)	BALLYDERMOT	DG104-003---	195520	370760	104-
RINGFORT (RATH \ CASHEL)	BALLINTOOEY	DG104-004---	194190	369880	104-
RINGFORT (RATH \ CASHEL)	LEGNANORNOGE	DG104-007---	194870	369490	104-
RINGFORT (RATH \ CASHEL)	TOBER (CAVANGARDEN)	DG104-008---	194050	366850	104-
RINGFORT (RATH \ CASHEL)	KILDONEY GLEBE	DG106-001---	183020	364460	106-
RINGFORT (RATH \ CASHEL)	KILDONEY GLEBE	DG106-003---	183510	363870	106-
RINGFORT (RATH \ CASHEL)	KILDONEY GLEBE	DG106-004---	183300	363240	106-
RINGFORT (RATH \ CASHEL)	FINNER	DG106-00601-	183180	359980	106-
RINGFORT (RATH \ CASHEL)	KILBARRON	DG107-001---	184730	364840	107-
RINGFORT (RATH \ CASHEL)	TWOMILESTONE	DG107-007---	188670	364780	107-
RINGFORT (RATH \ CASHEL)	CASHELARD	DG107-012---	192190	364910	107-

RINGFORT (RATH \ CASHEL)	CREEVY	DG107-019---	186000	364490	107-
RINGFORT (RATH \ CASHEL)	CREEVY	DG107-021---	187330	364700	107-
RINGFORT (RATH \ CASHEL)	TULLYHORKY	DG107-028---	189890	364110	107-
RINGFORT (RATH \ CASHEL)	BALLYMACAWARD	DG107-031---	184920	363470	107-
RINGFORT (RATH \ CASHEL)	BALLYMACAWARD	DG107-032---	184840	363280	107-
RINGFORT (RATH \ CASHEL)	CREEVY	DG107-033---	185230	363900	107-
RINGFORT (RATH \ CASHEL)	CREEVY	DG107-035---	185680	363960	107-
RINGFORT (RATH \ CASHEL)	CREEVY	DG107-03601-	185810	363830	107-
RINGFORT (RATH \ CASHEL)	RAHEEN	DG107-061---	189370	360580	107-
RINGFORT (RATH \ CASHEL)	FINNER	DG107-064---	183880	360060	107-
RINGFORT (RATH \ CASHEL)	CHERRYMOUNT	DG107-070---	190440	360340	107-
RINGFORT (RATH \ CASHEL)	CAMLIN	DG107-071---	190750	360110	107-
RINGFORT (RATH \ CASHEL)	CAMLIN	DG107-072---	191200	359880	107-
RINGFORT (RATH \ CASHEL)	FINNER	DG107-074---	183760	359430	107-

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RINGFORT (RATH \ CASHEL)	DRUMACRIN	DG107-075---	183790	359290	107-
RINGFORT (RATH \ CASHEL)	FINNER	DG107-076---	183970	359600	107-
RINGFORT (RATH \ CASHEL)	RATHMORE	DG107-079---	185640	359520	107-
RINGFORT (RATH \ CASHEL)	DUNMUCKRUM	DG107-080---	186840	359290	107-
RINGFORT (RATH \ CASHEL)	DRUMNAGROAGH	DG107-084---	189410	359500	107-
RINGFORT (RATH \ CASHEL)	KILLEEN	DG107-086---	190400	359530	107-
RINGFORT (RATH \ CASHEL)	KILLEEN	DG107-087---	190280	359340	107-
RINGFORT (RATH \ CASHEL)	LISSACHOLLY	DG107-088---	190680	359260	107-
RINGFORT (RATH \ CASHEL)	RATHMORE	DG107-091---	185790	359100	107-
RINGFORT (RATH \ CASHEL)	RATHMORE	DG107-093---	186010	358730	107-
RINGFORT (RATH \ CASHEL)	DUNMUCKRUM	DG107-094---	186180	358690	107-
RINGFORT (RATH \ CASHEL)	LISSACHOLLY	DG107-098---	190700	358730	107-
RINGFORT (RATH \ CASHEL)	LISSACHOLLY	DG107-099---	191150	358850	107-
RINGFORT (RATH \ CASHEL)	LISSACHOLLY	DG107-100---	191340	358880	107-

RINGFORT (RATH \ CASHEL)	ROWANTREEHILL	DG107-101---	191790	358990	107-
RINGFORT (RATH \ CASHEL)	LISSACHOLLY	DG107-104---	191460	358710	107-
RINGFORT (RATH \ CASHEL)	FINNER	DG107-109---	185390	360120	107-
RINGFORT (RATH \ CASHEL)	FINNER	DG107-109---	185390	360120	107-
RINGFORT (RATH \ CASHEL)	RATHGLASS	DG110-001---	185390	358480	110-
RINGFORT (RATH \ CASHEL)	RATHGLASS	DG110-002---	185130	358300	110-
RINGFORT (RATH \ CASHEL)	RATHGLASS	DG110-003---	185290	358320	110-
RINGFORT (RATH \ CASHEL)	BALLYMUNTERHIGGIN	DG110-006---	188460	358230	110-
RINGFORT (RATH \ CASHEL)	ARDFARN	DG110-007---	184030	357380	110-
RINGFORT (RATH \ CASHEL)	BALLYMUNTERHIGGIN	DG110-008---	187740	357800	110-
RINGFORT (RATH \ CASHEL)	BALLYMUNTERHIGGIN	DG110-009---	188120	357810	110-
RINGFORT (RATH \ CASHEL)	BALLYMUNTERHIGGIN	DG110-010---	188410	357660	110-
RINGFORT (RATH \ CASHEL)	FINNER	DG107-109---	0	0	
RINGFORT (RATH \ CASHEL)	FINNER	DG107-109---	0	0	

RINGFORT (RATH \ CASHEL)	FINNER	DG109-000---	0	0	
ROAD	DUNKINEELY	DG098-014---	176290	375580	098-
ROAD	DUNMUCKRUM	DG110-004---	186490	358380	110-
ROCK SCRIBING \ ART	BALLYLIFFIN	DG010-006---	0	0	010-
ROCK SCRIBING \ ART	BARNES LOWER	DG035-005---	0	0	035-
ROCK SCRIBING \ ART	MILLTOWN (RAPHOE)	DG070-027---	0	0	070-
ROCK SCRIBING \ ART	KINNACALLY	DG063-012---	0	0	
SETTLEMENT	BALLYMONASTER	DG070-079---	0	0	
SETTLEMENT	BALLYBOFEY	DG078-044---	0	0	
SETTLEMENT	STRANORLAR	DG078-045---	0	0	
SETTLEMENT DESERTED	KILLYBEGS	DG097-015---	171440	375680	097-
SHORT CIST	GORTNATRAW SOUTH	DG027-007---	0	0	027-
SHORT CIST	CARRICK UPPER	DG090-003---	159460	379700	090-
SHORT CIST	LAHEEN	DG103-065---	190970	365070	103-
SOUTERRAIN	LURGANBRACK	DG028-00302-	427460	257680	028-
SOUTERRAIN	KILLYCOLMAN	DG028-01202-	381080	172380	028-
SOUTERRAIN	CHURCH HILL	DG052-004---	0	0	052-
SOUTERRAIN	LACKCROM	DG094-001---	193450	383960	094-
SOUTERRAIN	FINTRAGH	DG097-00402-	168540	376920	097-
SOUTERRAIN	FINTRAGH	DG097-01002-	170070	376510	097-
SOUTERRAIN	DRUMANOO	DG097-03202-	169590	373850	097-
SOUTERRAIN	ROCK	DG099-013---	184360	374770	099-

SOUTERRAIN	MURVAGH LOWER	DG099-019---	189480	374350	099-
SOUTERRAIN	LURGAN	DG103-021---	188960	367710	103-
SOUTERRAIN	BALLYMAGRORTY IRISH	DG103-023---	190680	367690	103-
SOUTERRAIN	LURGAN	DG103-028---	0	0	103-
SOUTERRAIN	COOL BEG	DG103-041---	186550	365910	103-
SOUTERRAIN	KILBARRON	DG103-05602-	185230	365050	103-
SOUTERRAIN	BROWNHALL DEMESNE	DG104-006---	194510	369520	104-
SOUTERRAIN	CAVANGARDEN	DG107-011---	190030	364800	107-
SOUTERRAIN	COWPARK	DG107-037---	186430	363690	107-
SOUTERRAIN	TONREGEE (BALLYSHANNON)	DG107-040---	186550	363120	107-
SOUTERRAIN	CREEVY	DG107-01602-	184780	364490	107-
SOUTERRAIN	CREEVY	DG107-01802-	185240	364430	107-
SOUTERRAIN	BALLYEFFIN	DG010-039---	0	0	
SOUTERRAIN	CARROWBLAGH OR LECKEMY	DG012-04202-	0	0	
SOUTERRAIN	LARGYNAGREANA	DG097-00202-	170840	377220	
SOUTERRAIN	CREEVY	DG107-03602-	185810	363830	
SOUTERRAIN	TOWNPARKS (BALLYSHANNON)	DG107-05203-	186970	361620	
SOUTERRAIN - ROCK CUT	GLENCAR SCOTCH	DG053-020---	0	0	053-
STANDING STONE	CALHAME (DUNKINEELY)	DG092-007---	175970	378960	092-
STANDING STONE	DRUMKEELAN	DG093-006---	187020	379320	093-
STANDING STONE	ARDEEVIN	DG094-	198870	382550	094-

		01101-			
STANDING STONE	MILLTOWN (TOWNAWULLY)	DG094-012---	198220	382250	094-
STANDING STONE	MILLTOWN (TOWNAWULLY)	DG094-013---	198040	382120	094-
STANDING STONE	CLOGHER	DG094-018---	199530	380380	094-
STANDING STONE	BAVAN	DG097-00501-	165360	376080	097-
STANDING STONE	BAVAN	DG097-00502-	165360	376080	097-
STANDING STONE	KILLAGHTEE	DG098-01501-	175740	375180	098-
STANDING STONE	DRUMCOE	DG098-01801-	182850	375290	098-
STANDING STONE	LAHEEN	DG103-063---	191030	365260	103-
STANDING STONE	DRUMACRIN	DG106-010---	182710	359180	106-
STANDING STONE	MAGHERACAR	DG106-012---	179480	358560	106-
STANDING STONE	MAGHERACAR	DG106-013---	179650	358600	106-
STANDING STONE	FINNER	DG106-00602-	183180	360000	106-
STANDING STONE	TWOMILESTONE	DG107-008---	188820	364850	107-
STANDING STONE	KILDONEY GLEBE	DG107-013---	183840	364370	107-
STANDING STONE	SHEEGYS	DG107-042---	185670	362290	107-
STANDING STONE	COOLCHOLLY	DG107-047---	187900	362200	107-
STANDING STONE	COOLCHOLLY	DG107-04801-	188600	362340	107-
STANDING STONE	TOWNPARKS (BALLYSHANNON)	DG107-049---	186940	362070	107-
STANDING STONE	TOWNPARKS (BALLYSHANNON)	DG107-050---	186840	361810	107-
STANDING STONE	TOWNPARKS (BALLYSHANNON)	DG107-054---	187990	361660	107-
STANDING STONE	MULLANS (BALLYSHANNON)	DG107-063---	191630	360550	107-

STANDING STONE	BALLYMUNTERHIGGIN	DG107-06701-	187130	360030	107-
STANDING STONE	RATHMORE	DG107-090---	184940	358880	107-
STANDING STONE	RATHMORE	DG107-092---	185920	358970	107-
STANDING STONE	TWOMILESTONE	DG107-00402-	188650	364810	107-
STANDING STONE	COOLCHOLLY	DG107-04802-	188610	362340	107-
STANDING STONE	BALLYMUNTERHIGGIN	DG107-06702-	187140	360040	107-
STANDING STONE	DRUMBARAN (ARDARA)	DG073-044---	0	0	
STANDING STONE	CORPORATION	DG097-01202-	171630	376720	
STANDING STONE	DRUMCOE	DG098-01802-	182850	375290	
STANDING STONE	KILLAGHTEE	DG098-01502-	175740	375180	
STANDING STONE - PAIR	CLARCARRICKNAGUN	DG094-021---	195050	378660	094-
STANDING STONE - PAIR	BARNESYNEILLY	DG095-001---	203340	379530	095-
STONE ALIGNMENT	CARLAN UPPER	DG027-002---	0	0	027-
STONE ALIGNMENT	KILLYCOLMAN	DG028-008---	398280	175480	028-
STONE ALIGNMENT	KNOCKNAFAUGHER	DG016-028---	0	0	
STONE CIRCLE	LETTERMORE (BINBANS)	DG084-00201-	185090	384580	084-
STONE HOUSE	STRAID (STRAID)	DG010-013---	0	0	010-
STONE SCULPTURE	BALLYDEVITT	DG093-008---	191560	379680	093-
STONE SCULPTURE	KILCAR	DG096-01006-	161430	376220	096-

STONE SCULPTURE	LURGANBOY (DONEGAL)	DG099-01002-	192440	376960	099-
STONE SCULPTURE	MUCKROS (DONEGAL)	DG099-012---	191010	375950	099-
STONE SCULPTURE	SOPPOG	DG039-015---	0	0	
STONE SCULPTURE	BALLYSAGGART	DG098-03102-	174630	371850	
STONE SCULPTURE	EDDRIM GLEBE	DG099-00102-	189230	377660	
STONE SCULPTURE	LURGANBOY (DONEGAL)	DG099-01003-	0	0	
TOGHER	CLONCA	DG012-044---	0	0	
TOGHER	SHANNAGH (BALLINTRA)	DG090-006---	0	0	
TOWN	DONEGAL	DG093-013---	192900	378340	093-
TOWN	CORPORATION	DG097-012---	171590	376690	097-
TOWN	TOWNPARKS (BALLYSHANNON)	DG107-053---	187430	361650	107-
TOWN	OLDTOWN	DG053-042---	0	0	
WATERMILL	RATHMELTON	DG046-027---	0	0	
WATERMILL	OLDTOWN	DG053-044---	0	0	
WEDGE-TOMB	KILBEG	DG096-021---	159930	375500	096-
WEDGE-TOMB	LARGYNAGREANA	DG097-001---	170790	377240	097-
WEDGE-TOMB	ROSHIN (KILLYBEGS)	DG097-03402-	170430	374160	097-
WEDGE-TOMB	CASHELTOWN (GORKERMORE)	DG098-003---	176840	377510	098-
WEDGE-TOMB	TAWLAGHT	DG101-009---	210800	371580	101-
WEDGE-TOMB	BALLYMAGRORTY SCOTCH	DG103-014---	190730	369220	103-
WEDGE-TOMB	MAGHERACAR	DG106-014---	179670	358700	106-
WEDGE-TOMB	KILBARRON	DG107-002---	184800	364760	107-

Appendix C6

Donegal Bay Agriculture

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Appendix C6 Donegal Bay Agriculture

Table C6.1. District electoral divisions (DED's) comprising the Donegal Bay Catchment area.

DED	Area (m²)	Perimeter (m)
ALTNAPASTE DED	75756170	45219.06
ARDARA DED	36695680	35372.42
BALLINTRA DED	40320510	48003.59
BALLINTRA DED	29178030	29497.93
BALLYSHANNON URBAN DED	3567792	10056.14
BALLYSHANNON RURAL DED	38016000	38014.83
BINBANE DED	46535340	39847.18
BONNYGLEN DED	23691650	36938.42
BUNDORAN RURAL DED	21406110	34450.55
BUNDORAN URBAN DED	3518899	13409.4
CARRICKBOY DED	14929660	19791.97
CAVANGARDEN DED	36019280	41395.97
CLIFF DED	22047510	24512.94
CLOGHER DED	35367810	38223.92
CORKERMORE DED	25921280	34483.21
CROWKEERAGH DED	37328060	30492.27
CROWNARAD DED	17778050	30537.63
DONEGAL DED	31388170	49206.18
DOOISH DED	21143540	30327.8
DUNKINEELY DED	21295770	46934.85
EANYMORE DED	28066090	33930.82
GLENCOLUMBKILLE DED	45214850	44058.9
GLENGESH DED	38977990	59122.42
GOLAND DED	42314540	32535.28
GRAFFY DED	81694430	51099.49
GROUSEHALL DED	25387540	31440.3
HAUGH DED	15788160	22602.25
INISHKEEL DED	44873240	46677.89
INVER DED	24178360	27367.17
KILCAR DED	16487500	21289.63
KILGOLY DED	53143220	54638.34
KILLYBEGS DED	30092530	52492.72
LAGHY DED	43134520	54803.41
LARGYMORE DED	22388510	30058.37
LOUGH EASK DED	53099880	50730.82
MALINBEG DED	33304890	43246.07
MULMOSOG DED	23396590	27330.17
PETTIGOE DED	49237600	39263.35
TANTALLON DED	30205900	31330.99
TAWNAWULLY DED	34183190	28398.85
TEMPLECARN DED	79789460	57731.54
TIEVESKEELTA DED	21129820	33266.23
TULLYNAUGHT DED	35184890	47584.4

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	DED No.	Crops & Pasture	Rough Grazing in use	Potatoes	Sugar Beet
Bundoran Urban	2	105	397	0	0
Ballintra	4	2049	292	1	0
Ballyshannon Rural	5	480	1196	2	0
Ballyshannon Urban	6	119	340	1	0
Bundoran Rural	7	727	461	1	0
Carrickboy	8	596	382	2	0
Cavangarden	9	1072	588	1	0
Cliff	10	96	269	0	0
Ballintra	11	1376	590	2	0
Binbane	12	86	1501	0	0
Bonnyglen	13	603	589	0	0
Clogher	14	1210	225	4	0
Corkermore	15	151	859	0	0
Donegal	16	1194	538	2	0
Dunkineely	17	428	603	10	0
Eanymore	18	233	151	1	0
Grousehall	19	240	788	0	0
Haugh	20	662	323	0	0
Inver	21	877	355	0	0
Laghy	22	697	986	3	0
Lough Eask	23	393	322	0	0
Pettigoe	24	541	1552	2	0
Tantallon	25	671	1287	5	0
Tawnawully	26	408	269	1	0
Templecarn	27	286	587	0	0
Tullynaught	28	720	942	5	0
Ardara	41	656	1603	4	0
Crowkeeragh	43	165	1746	0	0
Crownarad	44	90	285	0	0
Glencolumbkille	49	211	806	2	0
Glengesh	50	704	2691	6	0
Graffy	53	174	3763	1	0
Inishkeel	54	404	2312	5	0
Kilcar	55	235	812	12	0
Kilgoly	56	198	761	0	0
Killybegs	57	435	2198	0	0
Largymore	58	220	888	4	0

Table C6.2. Areas under crops (in hectares) in the Donegal Bay catchment DEDs.

		Crops &	Rough		Sugar
	DED No.	Pasture	Grazing in use	Potatoes	Beet
Altnapaste	129	1133	2258	4	0
Dooish	136	332	418	1	0
Goland	140	146	665	2	0

Table C6.2 continued. Areas under crops (in hectares) in the Donegal Bay catchment DEDs.

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	DED No.	Total Wheat	Total Oats	Total Barley	Other Cereals	Total Cereals	Other non-cereal Crops	Total Crops Fruit & Horticulture	Total Hay	Total Pasture	Total Silage
Bundoran Urban	2	0	0	0	0	0	0	0	62	36	6
Ballintra	4	0	0	0	0	0	1	2	348	1442	258
Ballyshannon Rural	5	0	0	0	0	0	0	2	268	73	137
Ballyshannon Urban	6	0	0	0	0	0	0	1	59	19	40
Bundoran Rural	7	0	0	0	0	0	0	2	219	327	179
Carrickboy	8	0	0	2	0	2	0	4	174	257	161
Cavangarden	9	0	0	0	0	0	0	2	147	630	292
Cliff	10	0	0	1	0	1	0	1	64	10	20
Ballintra	11	0	0	0	0	0	0	2	266	895	213
Binbane	12	0	0	0	0	0	0	0	46	39	1
Bonnyglen	13	0	2	0	0	2	0	2	81	501	19
Clogher	14	0	1	0	0	1	1	6	147	953	105
Corkermore	15	2	0	0	0	2	0	2	127	16	6
Donegal	16	0	2	0	0	2	0	5	244	805	140
Dunkineely	17	0	0	39	0	40	0	50	149	199	30
Eanymore	18	0	0	2	0	2	0	3	105	82	43
Grousehall	19	0	0	0	0	0	0	0	76	108	56
Haugh	20	0	0	0	0	0	0	0	109	533	21
Inver	21	0	3	0	0	3	0	4	185	659	29
Laghy	22	0	0	0	0	0	0	3	95	434	164
Lough Eask	23	0	0	0	0	0	0	1	62	315	15
Pettigoe	24	0	1	1	0	2	0	4	117	281	138

Table C6.3. Area under crops (in hectares) in the Donegal Bay catchment DEDs.

	DED No.	Total Wheat	Total Oats	Total Barley	Other Cereals	Total Cereals	Other non-cereal Crops	Total Crops Fruit & Horticulture	Total Hay	Total Pasture	Total Silage
Templecarn	27	0	0	0	0	0	0	0	69	155	63
Tullynaught	28	0	0	2	0	2	0	7	245	381	88
Ardara	41	0	1	0	0	1	1	5	152	410	88
Crowkeeragh	43	0	0	0	0	0	0	0	51	82	31
Crownarad	44	0	0	0	0	0	0	0	41	44	5
Glencolumbkille	49	0	0	2	0	2	0	4	79	113	16
Glengesh	50	0	2	1	0	3	2	11	42	375	276
Graffy	53	0	0	0	0	0	1	2	96	65	10
Inishkeel	54	0	0	0	0	0	0	5	19	338	42
Kilcar	55	0	0	0	0	0	0	12	107	78	38
Kilgoly	56	0	0	0	0	0	0	0	56	103	39
Killybegs	57	0	0	1	0	1	0	2	148	241	44
Largymore	58	0	0	1	0	1	0	5	106	88	21
Malinbeg	62	0	0	0	0	0	0	0	51	112	21
Mulmosog	63	0	1	2	0	3	0	5	0	80	99
Tieveskeelta	65	0	0	1	0	1	0	1	32	65	6
Altnapaste	129	0	0	1	0	1	0	5	128	896	104
Dooish	136	0	1	8	0	10	0	11	67	169	85
Goland	140	0	3	0	0	3	0	5	23	94	23

Table C6.3 continued. Area under crops (in hectares) of the Donegal Bay catchment DEDs.

	DED No	Farm Size - Hectares						Total Farms	Area Farmed (Ha.)
		<10	10-<20	20-<30	30-<50	50-<100	>=100		
Bundoran Urban	2	10	10	0	0	0	0	19	502
Ballintra	4	40	30	20	10	10	0	109	2341
Ballyshannon Rural	5	30	40	10	10	0	0	90	1677
Ballyshannon Urban	6	10	0	0	0	0	0	20	459
Bundoran Rural	7	30	20	10	10	0	0	75	1188
Carrickboy	8	20	30	10	10	0	0	60	978
Cavangarden	9	10	10	20	10	10	0	57	1660
Cliff	10	10	10	0	0	0	0	29	364
Ballintra	11	40	30	20	10	10	0	108	1967
Binbane	12	10	10	0	10	10	0	42	1587
Bonnyglan	13	20	10	10	10	0	0	54	1192
Clogher	14	30	20	10	10	0	0	68	1435
Corkermore	15	10	20	10	10	0	0	48	1010
Donegal	16	40	40	20	10	0	0	109	1732
Dunkineely	17	10	20	10	10	0	0	53	1031
Eanymore	18	20	40	10	10	0	0	78	1384
Grousehall	19	0	10	10	10	0	0	33	1028
Haugh	20	10	10	10	10	0	0	44	985
Inver	21	40	30	10	10	0	0	87	1232
Laghy	22	20	20	10	10	10	0	70	1683
Lough Eask	23	10	10	0	0	0	0	27	715
Pettigoe	24	20	30	10	10	10	0	69	2092

Table C6.4. Area under crops in the Donegal Bay catchment DEDs.

	DED No	Farm Size - Hectares						Total Farms	Area Farmed (Ha.)
		<10	10-<20	20-<30	30-<50	50-<100	>=100		
Tantallon	25	70	50	20	10	0	0	144	1958
Tawnawully	26	20	20	10	0	0	0	43	677
Templecarn	27	10	20	10	0	10	0	38	873
Tullynaught	28	30	30	20	10	10	0	82	1662
Ardara	41	30	30	20	10	10	0	102	2259
Crowkeeragh	43	10	10	10	10	10	0	45	1911
Crownarad	44	0	10	0	0	0	0	19	375
Glencolumbkille	49	50	10	0	0	0	0	72	1017
Glengesh	50	60	60	30	10	10	0	168	3396
Graffy	53	10	20	20	20	10	10	80	3936
Inishkeel	54	20	0	10	10	10	10	57	2715
Kilcar	55	30	20	10	0	0	0	64	1046
Kilgoly	56	60	10	0	0	0	0	72	959
Killybegs	57	40	30	10	20	0	0	108	2633
Largymore	58	20	30	10	10	0	0	63	1107
Malinbeg	62	30	10	10	0	0	0	49	572
Mulmosog	63	10	20	10	10	0	0	43	982
Tieveskeelta	65	0	10	10	10	0	0	23	720
Altnapaste	129	20	20	10	20	10	10	85	3391
Dooish	136	20	10	10	10	0	0	46	750
Goland	140	10	10	0	0	0	0	30	811

Table C6.4 continued. Area under crops in the Donegal Bay catchment DEDs.

	DED No.	Bulls	Cows		Heifers		Total Cows
			Dairy	Other	Dairy	Other	
Bundoran Urban	2	1	0	73	0	0	73
Ballintra	4	4	156	718	6	11	874
Ballyshannon Rural	5	3	51	663	31	18	714
Ballyshannon Urban	6	5	0	181	2	0	181
Bundoran Rural	7	12	164	496	32	12	660
Carrickboy	8	8	45	379	0	32	424
Cavangarden	9	13	102	593	0	7	695
Cliff	10	0	12	151	1	3	163
Ballintra	11	5	191	643	7	13	834
Binbane	12	1	0	143	0	0	143
Bonnyglen	13	2	4	207	1	3	211
Clogher	14	5	1	326	1	19	327
Corkermore	15	2	0	214	1	11	214
Donegal	16	7	34	524	1	3	558
Dunkineely	17	15	37	281	0	28	318
Eanymore	18	1	4	243	2	7	247
Grousehall	19	1	0	237	0	2	237
Haugh	20	0	0	155	0	5	155
Inver	21	1	2	338	4	6	340
Laghy	22	0	81	438	2	5	519
Lough Eask	23	2	0	102	4	0	102
Pettigoe	24		57	438	0	4	495
Tantallon	25	5	2	706	0	14	708
Tawnawully	26	1	2	194	2	1	196
Templecarn	27	2	44	215	0	15	259
Tullynaught	28	5	15	488	0	11	503
Ardara	41	7	11	392	3	11	403
Crowkeeragh	43	0	12	65	1	9	77
Crownarad	44	0	2	57	0	0	59
Glencolumbkille	49	1	0	99	0	0	99
Glengesh	50	8	34	635	8	33	669
Graffy	53	1	1	193	0	3	194
Inishkeel	54	2	38	60	11	11	98
Kilcar	55	0	2	149	3	3	151

Table C6.5. Numbers of Livestock in Donegal Bay catchment DEDs.

	DED No.	Bulls	Cows		Heifers		Total
			Dairy	Other	Dairy	Other	Cows
Kilgoly	56	1	0	99	0	1	99
Killybegs	57	2	81	353	6	10	434
Largymore	58	2	3	120	0	0	123
Malinbeg	62	0	0	50	0	0	50
Mulmosog	63	2	7	176	1	8	183
Tieveskeelta	65	0	3	86	0	2	89
Altnapaste	129	1	33	312	0	15	345
Dooish	136	6	49	273	2	10	322
Goland	140	3	0	104	1	8	104

Table C6.5. continued. Numbers of livestock in Donegal Bay Catchment DEDs.

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	DED No.	Cattle						Total Cattle
		Male	Female	Male	Female	Male	Female	
		2+	2+	1-2	1-2	<1	<1	
Bundoran Urban	2	7	0	3	41	31	33	189
Ballintra	4	707	119	160	237	390	360	2868
Ballyshannon Rural	5	283	49	151	246	317	269	2081
Ballyshannon Urban	6	58	18	18	71	79	62	494
Bundoran Rural	7	105	64	124	238	298	283	1828
Carrickboy	8	260	24	75	236	180	168	1407
Cavangarden	9	75	48	137	354	321	302	1952
Cliff	10	14	34	34	38	72	79	438
Ballintra	11	156	71	106	121	323	322	1958
Binbane	12	2	7	12	10	48	62	285
Bonnyglen	13	1	32	10	9	76	90	435
Clogher	14	111	12	45	27	135	152	834
Corkermore	15	26	33	54	16	99	98	554
Donegal	16	71	52	125	176	236	241	1470
Dunkineely	17	50	56	52	67	143	108	837
Eanymore	18	16	35	34	26	106	123	597
Grousehall	19	5	2	50	37	111	123	568
Haugh	20	36	30	31	68	92	65	482
Inver	21	62	51	36	25	161	164	850
Laghy	22	13	24	98	92	159	247	1159
Lough Eask	23	30	3	7	14	44	43	249
Pettigoe	24	2	16	75	55	238	229	1117
Tantallon	25	147	80	167	205	332	343	2001
Tawnawully	26	1	2	12	7	79	83	384
Templecarn	27	4	2	28	34	104	120	568
Tullynaught	28	17	19	87	152	181	302	1277
Ardara	41	4	18	70	29	153	198	896
Crowkeeragh	43	0	5	11	6	25	36	170
Crownarad	44	0	1	3	5	20	30	118
Glencolumbkille	49	4	33	21	13	53	56	280
Glengesh	50	65	186	60	46	377	344	1796
Graffy	53	2	15	14	11	97	68	405
Inishkeel	54	14	64	17	8	38	43	306

Table C6.6. Numbers of livestock in the Donegal Bay Catchment DEDs.

	DED No.	Cattle						Total Cattle
		Male	Female	Male	Female	Male	Female	
		2+	2+	1-2	1-2	<1	<1	
Kilcar	55	3	10	18	15	60	69	332
Kilgoly	56	0	4	6	3	33	43	190
Killybegs	57	12	53	60	14	158	162	911
Largymore	58	16	24	24	19	63	56	327
Malinbeg	62	0	1	8	2	16	27	104
Mulmosog	63	19	33	21	13	89	82	451
Tieveskeelta	65	0	5	7	7	29	28	167
Altnapaste	129	76	28	70	121	178	131	965
Dooish	136	52	44	48	72	161	150	867
Goland	140	28	69	20	9	68	64	374

Table C6.6 continued. Numbers of livestock in the Donegal Bay Catchment DEDs.

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	DED No.	Rams	Total Ewes	Other Sheep	Total Sheep
Bundoran Urban	2	5	105	125	235
Ballintra	4	20	1012	1058	2090
Ballyshannon Rural	5	14	520	249	783
Ballyshannon Urban	6	12	328	94	434
Bundoran Rural	7	7	145	160	312
Carrickboy	8	8	337	214	559
Cavangarden	9	24	892	939	1855
Cliff	10	8	264	246	518
Ballintra	11	39	1356	1529	2924
Binbane	12	50	2722	2079	4851
Bonnyglen	13	32	1594	1029	2655
Clogher	14	56	2817	2052	4925
Corkermore	15	37	1460	771	2268
Donegal	16	61	2448	2621	5130
Dunkineely	17	25	888	852	1765
Eanymore	18	64	2663	2149	4876
Grousehall	19	87	3108	3303	6498
Haugh	20	31	1692	1516	3239
Inver	21	24	1030	972	2026
Laghy	22	47	2105	2181	4333
Lough Eask	23	25	1067	1038	2130
Pettigoe	24	136	4858	5065	10059
Tantallon	25	20	1204	930	2154
Tawnawully	26	44	2121	1512	3677
Templecarn	27	51	1649	1799	3499
Tullynaught	28	47	2319	2184	4550
Ardara	41	74	3320	3107	6501
Crowkeeragh	43	68	3728	1728	5524
Crownarad	44	32	1541	886	2459
Glencolumbkille	49	85	5234	2782	8101
Glengesh	50	180	8440	5285	13905
Graffy	53	106	5758	4742	10606
Inishkeel	54	113	6099	3029	9241
Kilcar	55	60	2967	1579	4606

Table C6.7. Numbers of livestock in the Donegal Bay Catchment DEDs.

	DED No.	Rams	Total Ewes	Other Sheep	Total Sheep
Kilgoly	56	92	5896	3025	9013
Killybegs	57	101	4361	2667	7129
Largymore	58	63	3144	1721	4928
Malinbeg	62	63	3835	1967	5865
Mulmosog	63	27	1930	1214	3171
Tieveskeelta	65	17	1134	550	1701
Altnapaste	129	141	5996	5180	11317
Dooish	136	28	1391	1189	2608
Goland	140	24	1031	851	1906

Table C6.7 continued. Numbers of livestock in the Donegal Bay Catchment DEDs.

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Appendix C7

Donegal Bay Forestry

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Appendix C7.1 Forestry in the Donegal Bay Catchment Area

Final harvesting and fertilisation are two elements of any forestry development with potential influence on the aquatic zone. Forest harvesting and extraction have the potential to adversely impact on water quality through sedimentation, pH influence and increased erosion rates. Any such impact of harvesting the Fintragh Forest on the Glenaddragh River was assessed over a twelve month period. Similarly, without proper management, fertiliser application always carries a threat to water quality and aquatic life by water eutrophication. The Stragar and Roechrow Rivers were assessed for any influence following the application of differing fertilisers to two upstream forestry developments.

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1. Forestry Harvesting

1.1 Introduction

The influence of forestry harvesting techniques on nearby river water quality was examined in the catchment area at the Fintragh forest. The Glenaddragh River flows through the plantation and serves as the nearby Kilcar village water supply. The river was designated as acid sensitive by the Northern Regional Fisheries Board in 1992. This twelve month sampling regime monitored any change in the chemical composition of the river water. It remains to be seen if the biology of the river has been affected on any of the three sites studied.

The mature Fintragh forest was planted over a five year period beginning in 1956. 12,000–14,000 M³ (approximately 12,000 tonnes) of pine and spruce were harvested from this site between early July and mid November, 2000. This site was also selected for examination as it was affected by the highly destructive storms of December 1998. Some 70,000 trees were felled in a haphazard manner by the winds (Aiden O'Donnell, pers. comm.). Despite the best management plans and guidelines, such unscheduled fellings may have inadvertently affected the Glenaddragh's water quality.

1.2 Sampling Sites

Four chemical water sampling sites were selected below stretches of the river potentially influenced by forestry harvesting. The Fintragh Forest site was directly below the forest to be harvested and therefore prone to any immediate influence. The three sites downstream of this have previously been biologically monitored by the E.P.A. In 1999 only the furthest site downstream was of concern, being classed as moderately polluted (Q value 3). However this sampling point on the Glenaddragh River is downstream of the Ballaghdoe/Glenaddragh confluence and therefore susceptible to additional influence from the Ballaghdoe River.

1.3 Water Sampling Results

Forty-two separate water samples were collected on the river and analysed over the course of the twelve month sampling program. A summary of all the chemical parameters recorded at each site on the river are given on Tables 1-13. The pH ranged from 6.43 to 8.83 for the river over the sampling period, all within the designated salmonid pH range of ≥ 6 and ≤ 9 and greater than the pH of 5.5 designative of the sensitive areas criteria. As shown in Figure 1 the Fintragh Forest site had a similar pH profile as the other sites on the higher reaches of the Glenaddragh.

The suspended solid readings at the Fintragh Forest site were highest at the period of tree harvesting at 2.40 mg/l (see Figure 2) but were well below the critical limit of <25mg/l.

The annual median levels of orthophosphate are very low and correspond to waters of unpolluted status at all sites examined. The sample station at the bridge 1.5km E. of Kilcar had a median of 0.03mg/l, the highest of all but still within the threshold of unpolluted waters. This result could also have been attributed to by the PO₄ reading on the 14/02/01 of 0.03mg/l affecting the annual median.

Metal analysis, temperature, conductivity and dissolved oxygen values were all found to be typical of an upland river in this area.

1.4 Conclusion

The results of this study would indicate that the harvesting of the Fintragh Forest had no long term adverse influence on the water quality of the Glenaddragh River. The pH range of 6.43 to 8.83 for the river was within the designated salmonid criteria. Such forestry practices are encouraging for this acid sensitive designated river.

2. Forestry Fertilisation

2.1 Introduction

When fertilisation is required for a forestry development species selection together with site type and conditions determine the fertiliser type and application rate. Phosphorous (P) is the main nutrient fertiliser applied, with nitrogen (N) and potassium (K) occasionally applied as remedial fertilisation. In this assessment nitrogen based fertilisers were used on the forests overlying the two river systems examined.

Studies have shown that phosphorous and nitrogen levels in water exert major influences on the dynamics of algal growth; that excessive inputs of phosphorous are primarily responsible for causing eutrophication in Irish waters (E.P.A., 1995). Following the application of granulated urea rather than granulated rock phosphate as fertiliser to a site, any change in ammonia concentrations of the local waterways will be the main indicator of any influence. While urea is not immediately soluble in water, it does over time break down to release ammonia when in contact with the soil (Philip O' Dea, pers. comm.). Subsequent to this, further breakdown of ammonia will occur following the path of the nitrogen cycle;



2.2 Meenapeaky Property

2.2.1 Sampling Sites

On July 30th, 2000, aerial fertilisation took place on the Meenapeaky sitka spruce plantation. This 7.5 Ha. development which was planted in 1993 received the later fertilisation of granulated urea at a rate of 200 kg/Ha. The Roechrow River situated directly downstream of the plantation was sampled and the water analysed for any associated influence. One sample site upstream of the Roechrow/Stragar river confluence was analysed over the twelve month sampling programme.

2.2.2 Water Sampling Results

Twelve separate water samples were collected on the river and analysed over the course of the sampling program. A summary of all the chemical parameters recorded for the river are given on Tables 14-26. The pH ranged from 6.61 to 7.53 for the river, all within the designated salmonid pH range of ≥ 6 and ≤ 9 and greater than the pH of 5.5 designative of the sensitive areas criteria

The ammonia readings were found to rise shortly after the granulated urea was applied to the forestry site immediately downstream of its application (see Fig. 3). The highest level recorded of 0.03 mg/l in October fell consistently to below a detectable level when last sampled in February.

Nitrite levels fluctuated over the course of the sampling programme (see Fig. 4), both before and after fertiliser application, therefore no results could be attributed to the further breakdown of the ammonia.

2.2.3. Conclusion

In the short term the application of granulated urea as fertiliser to the Meenapeaky property did increase the concentration of ammonia to two to three times the trace levels recorded prior to this application. However, in the long term the annual median value was of a satisfactory concentration.

2.3 Tullinteane Property

2.3.1 Sampling Sites

On July 30th, 2000, aerial fertilisation took place on the Tullinteane Property sitka spruce plantation. This 31.5 Ha. development which was planted in 1993 received the later fertilisation of granulated urea at a rate of 200 kg/Ha. The Stragar River situated directly downstream of the development was sampled at three sites over a twelve month period.

The Meentullynagarn Bridge site was directly below the forest to be fertilised and therefore prone to any immediate influence. The remaining sites were situated directly upstream and downstream of a fish processing factory, namely Fish Sales.

2.3.2 Water Sampling Results

Thirtythree separate water samples were collected on the river and analysed over the course of the sampling program. A summary of all the chemical parameters recorded at each site on the river are given on Tables 27-39.

The annual median values of ammonia were found to be highest at the site downstream of the Fish Sales processing factory at 0.100 mg/l (see Fig. 5). This result could, however, be more readily attributed to the factory's discharge. Both of the other two sites sampled - upstream of this factory and free from its influence – had annual median ammonia results of 0.020 mg/l. The ammonia readings were found to rise shortly after the granulated urea was applied to the forestry site at both sites immediately downstream of its application. This was especially noted at the site u/s of Fish Sales where the ammonia concentration reached a peak of 0.260 mg/l on the 5/12/00. However, this concentration had fallen to below detection when sampled one month later.

Nitrite levels fluctuated over the course of the sampling programme (see Fig. 6), both before and after fertiliser application, therefore no results could be attributed to the further breakdown of the ammonia.

The pH ranged from 6.52 to 7.71 for the river over the sampling period, greater than the pH of 5.5 designative of the sensitive areas criteria. The Meentullynagarn site had a similar pH profile as the other sites sampled while being marginally lower.

The suspended solids readings at the Meentullynagarn Bridge site with an annual average of 2.74 mg/l with an annual average of 2.74mg/l were again marginally higher than at the other sites sampled (see Figure 7) but were well below the critical limit of <25mg/l.

The annual median levels of orthophosphate are very low and correspond to waters of unpolluted status at all sites examined. The sample station farthest from the forest d/s of Fish Sales had a median of 0.02mg/l, the highest of all sites examined but still within the threshold of unpolluted waters. As depicted in Figure 8, orthophosphate levels increased in the later part of the year, with the PO₄ concentration at the Meentullynagarn Bridge site at 0.06 mg/l on the 05/12/00. This rise in PO₄ concentration would correspond to the increase in rainfall at this time of year

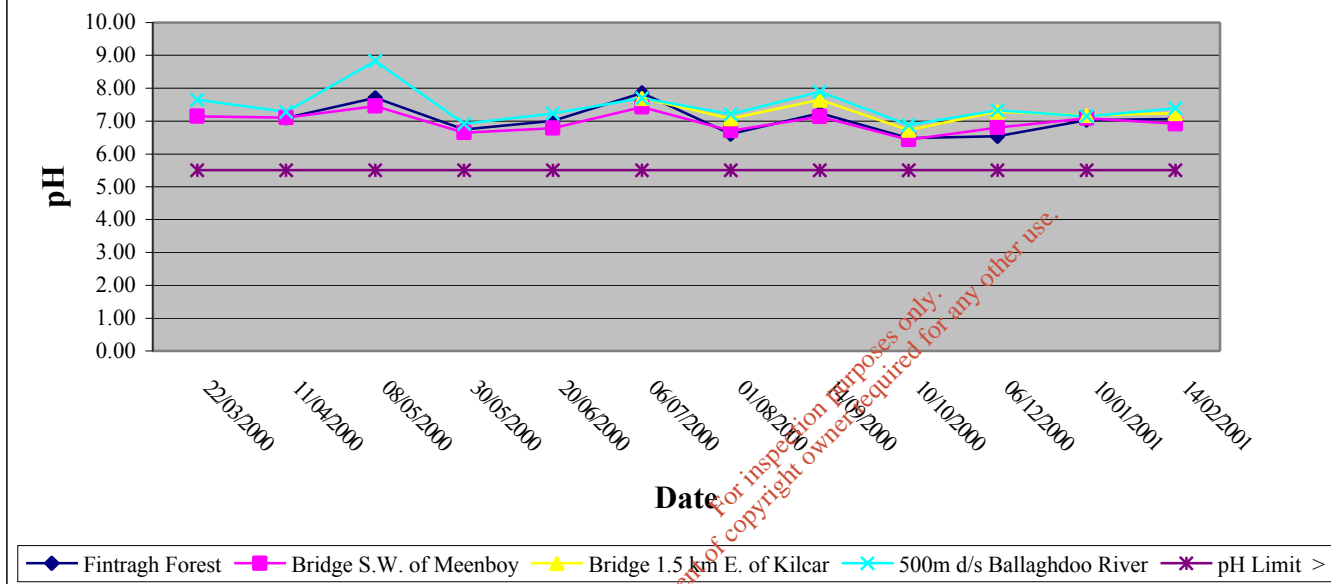
Metal analysis, temperature, conductivity and dissolved oxygen values were all found to be typical of an upland river in this area.

2.4 Conclusion

In the short term the ammonia readings of the Stragar River were found to rise shortly after the granulated urea was applied to the forestry site at both sites immediately downstream of its application. However, in the long term the annual median values were of a satisfactory concentration.

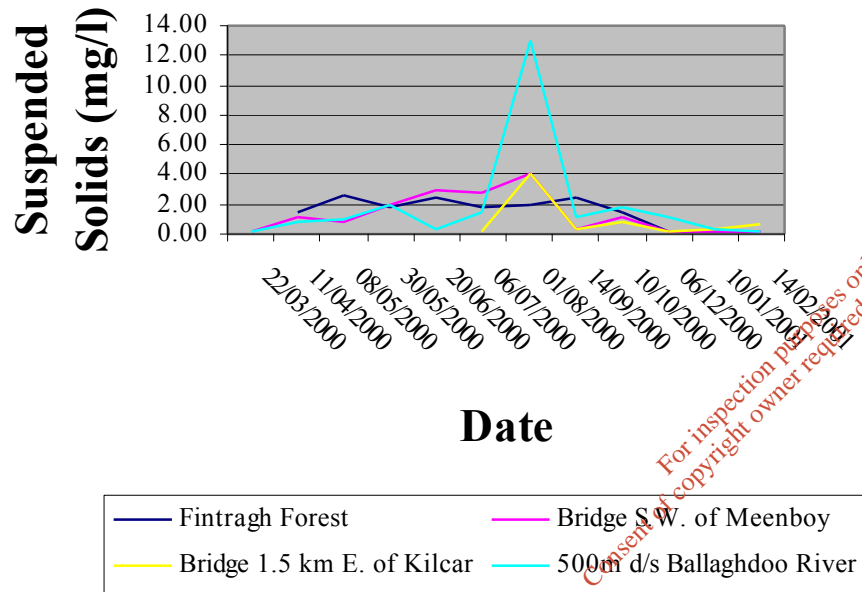
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Figure 1. pH Profile of the Glenaddragh River



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Figure 2. Suspended Solids Profile of the Glenaddragh River.



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Figure 3. Ammonia Profile of the Roechrow River

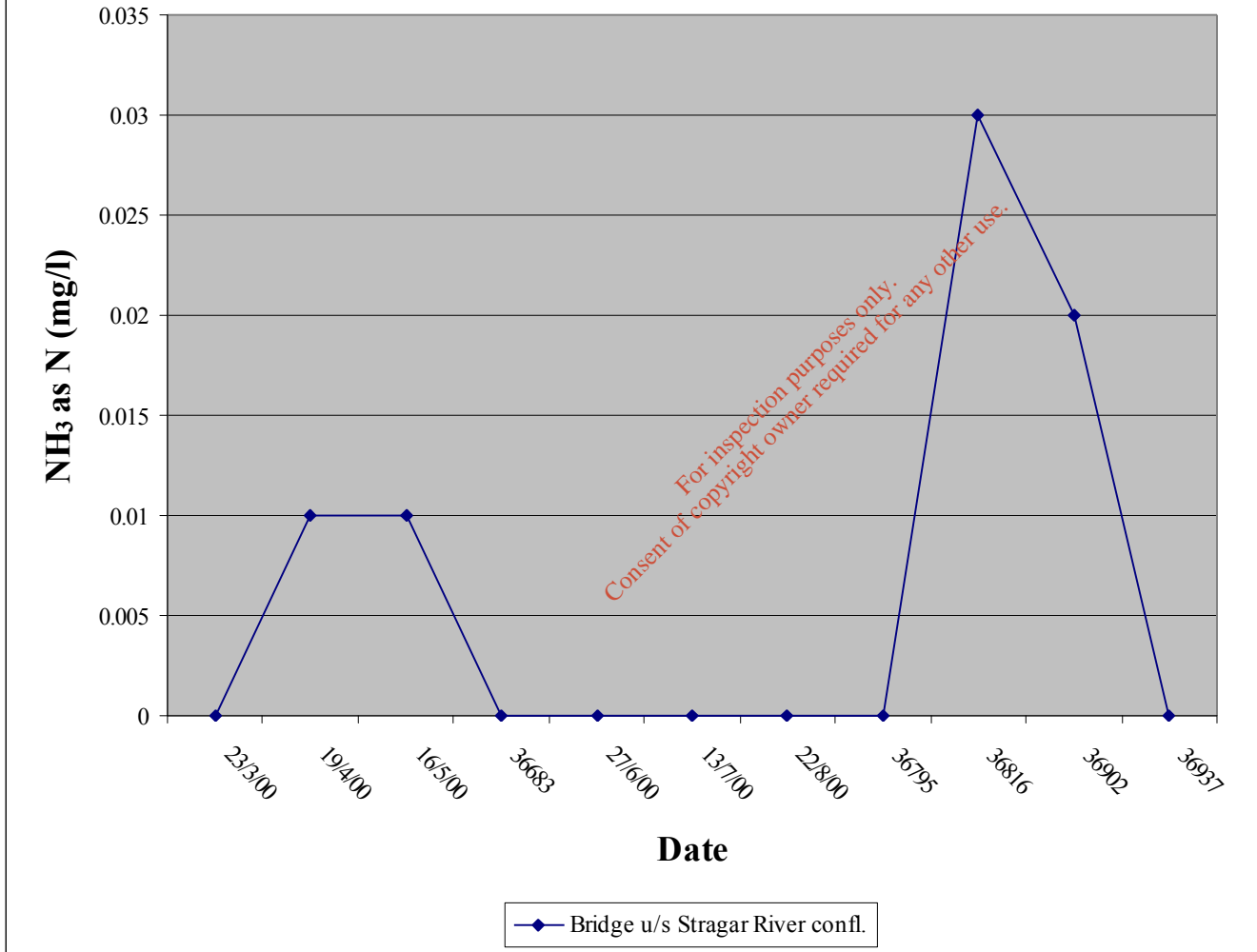


Figure 4. Nitrite Profile of the Roechrow River

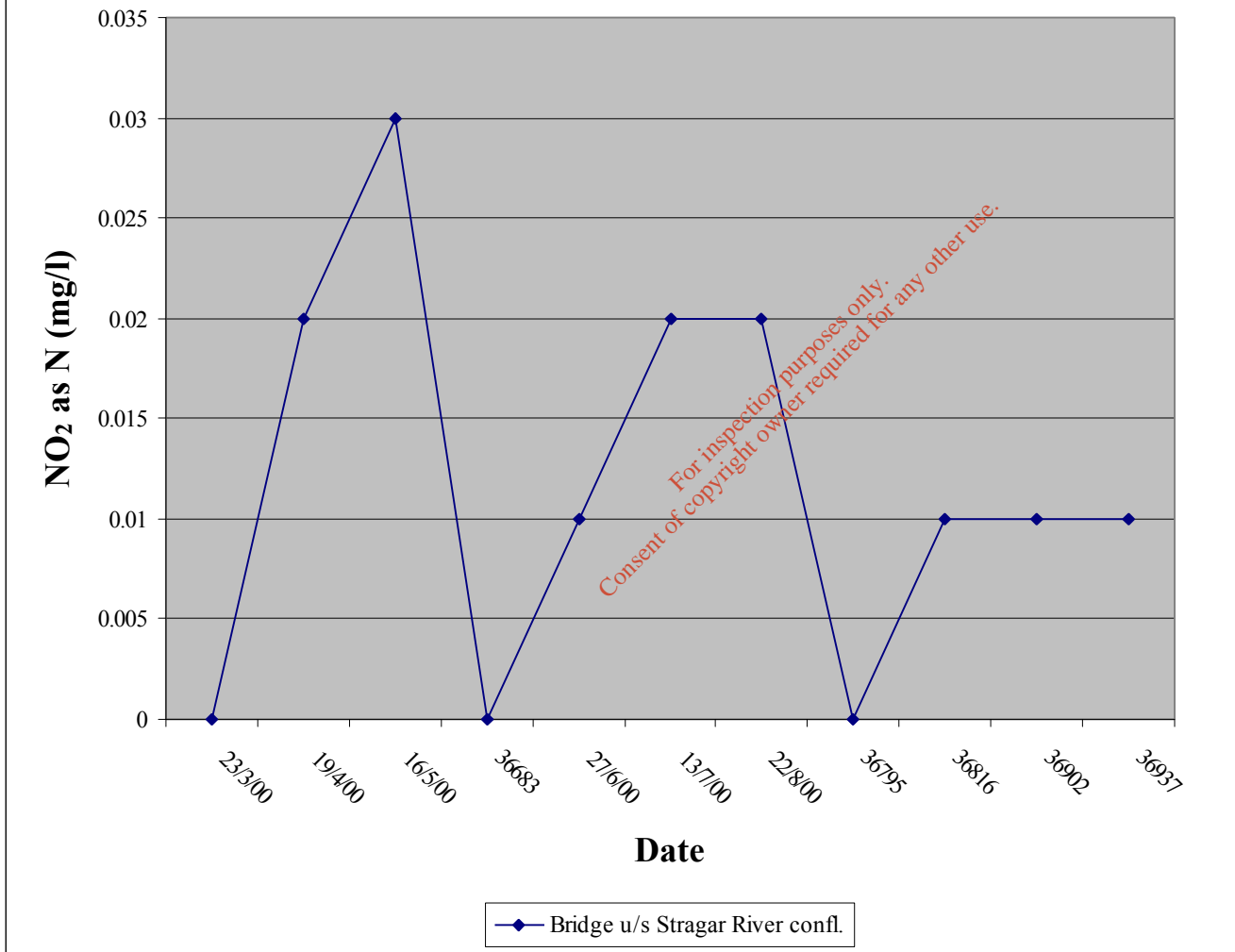


Figure 5. Ammonia Profile of the Stragar River

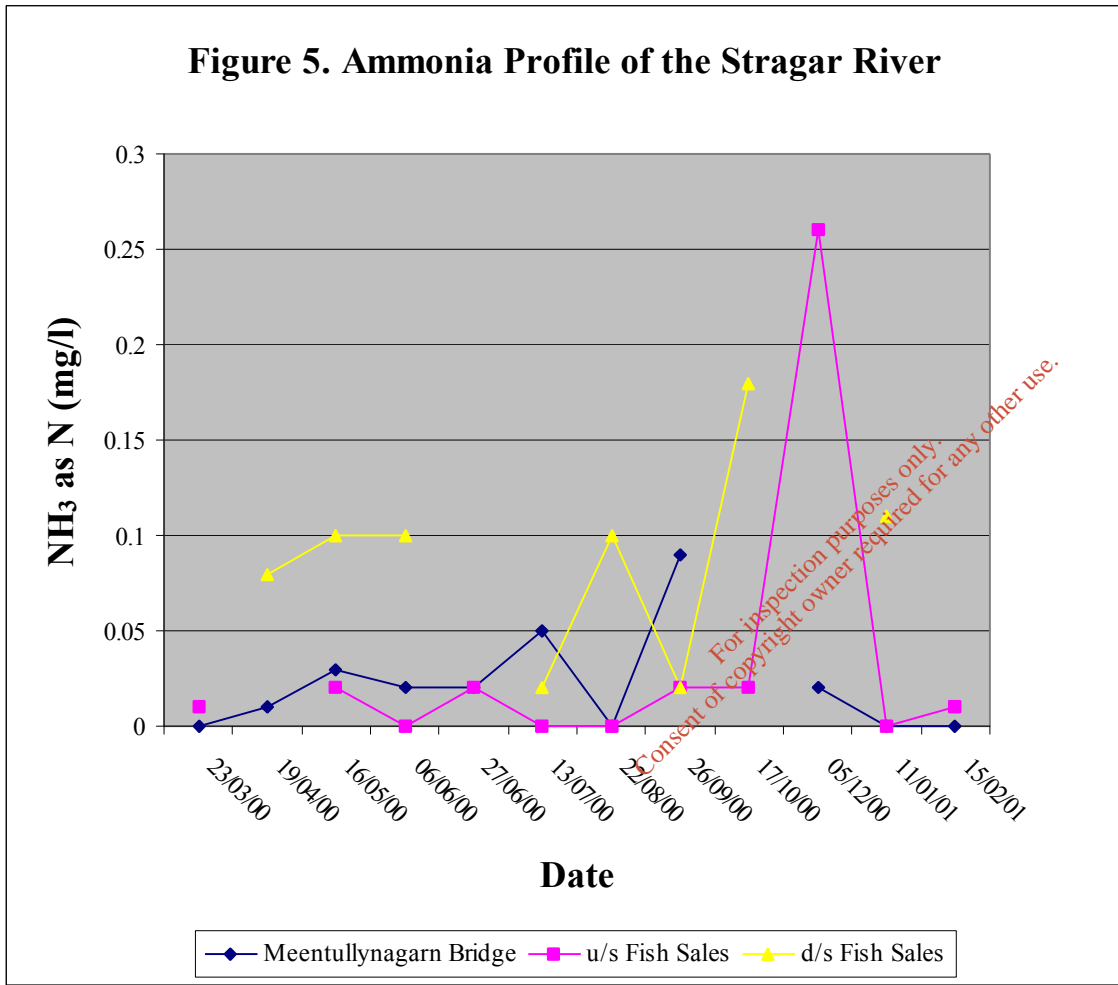


Figure 6. Nitrite Profile of the Stragar River

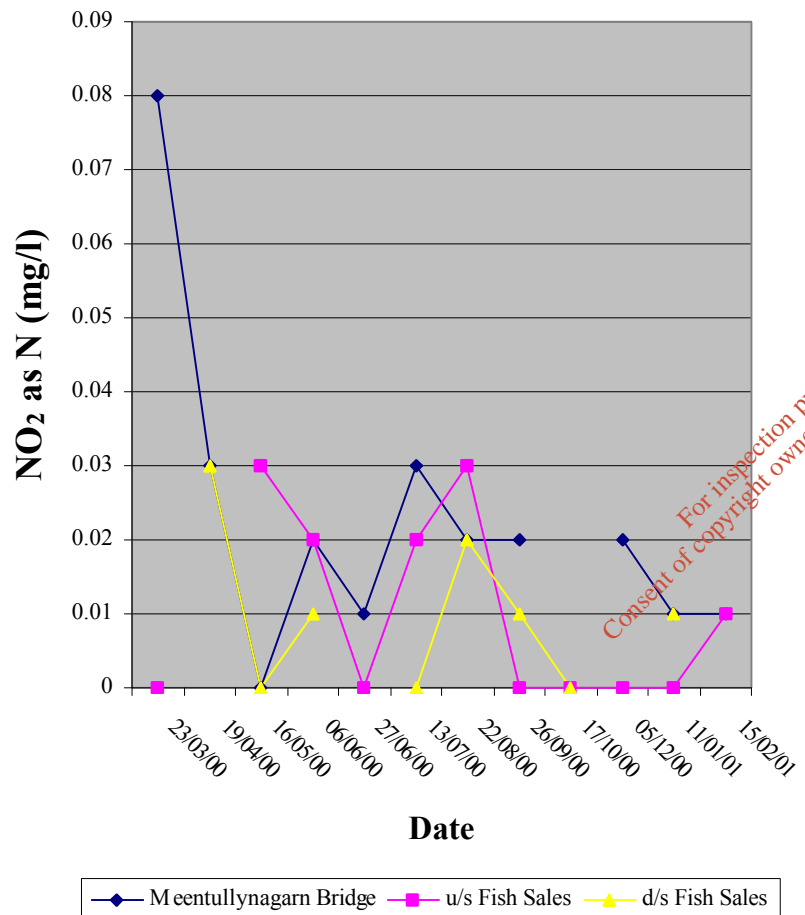


Figure 7. Suspended Solids Profile of the Stragar River

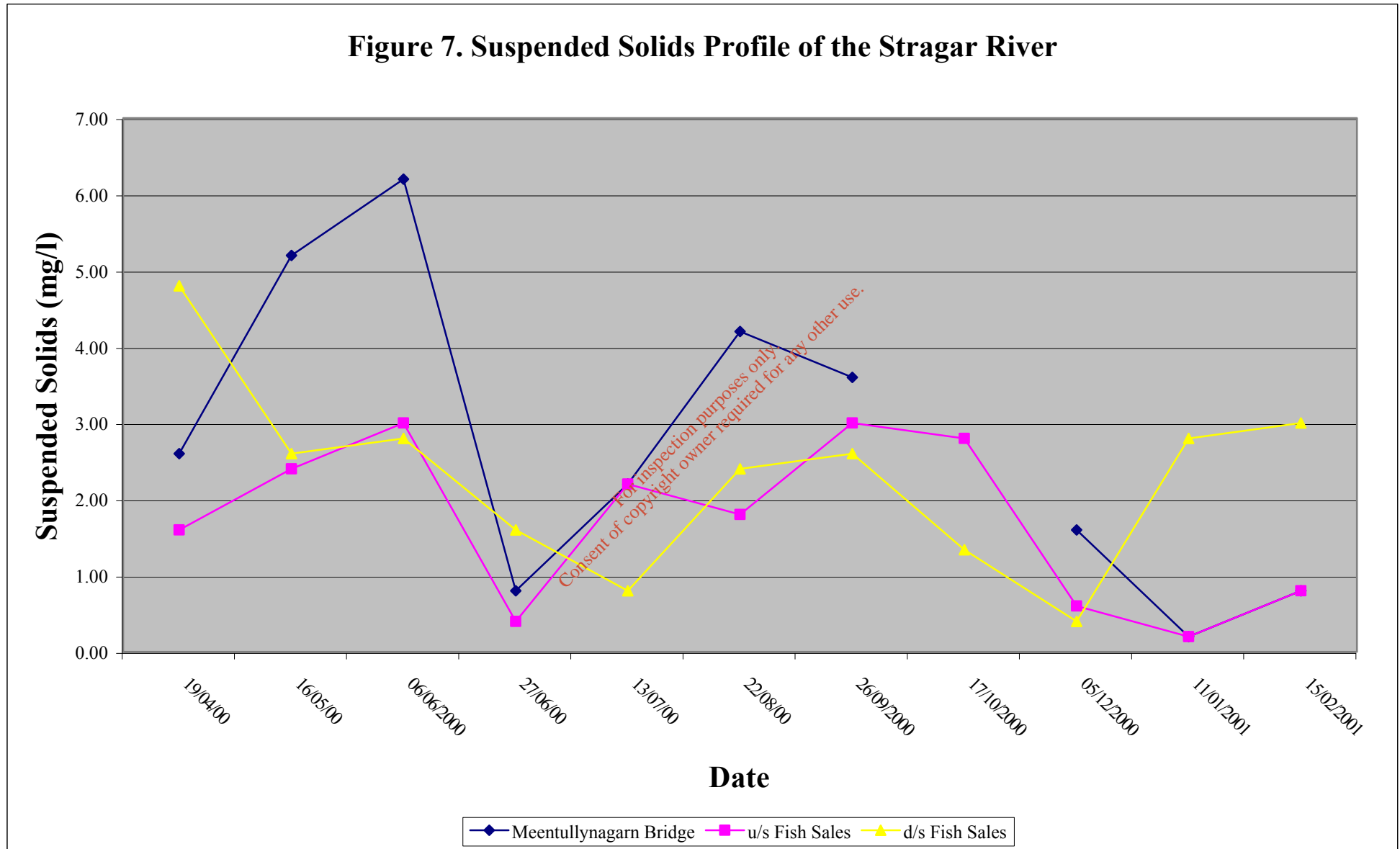
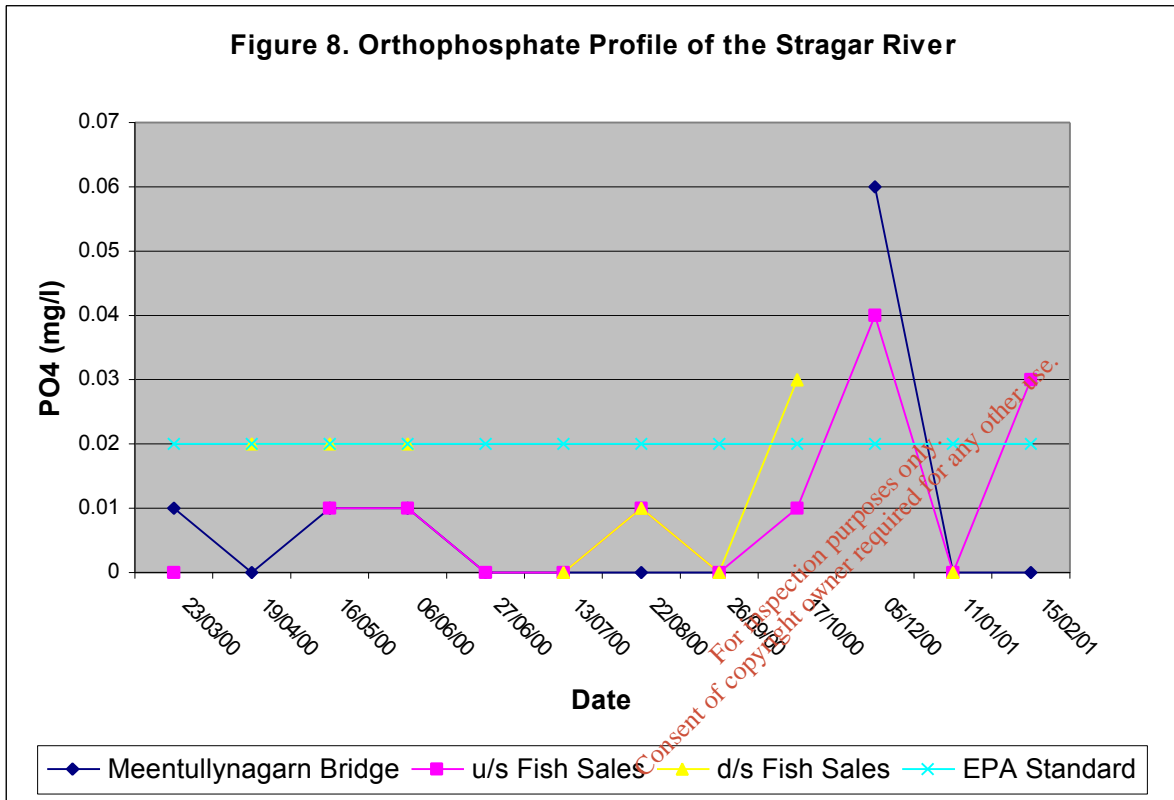


Figure 8. Orthophosphate Profile of the Stragar River



Station	Date										
	22/03/00	11/04/00	08/05/00	30/05/00	20/06/00	06/07/00	01/08/00	14/09/00	10/10/00	10/01/01	14/02/01
Fintragh Forest		4.90	14.90	8.50	14.20	12.60	15.50	12.90	10.00	2.10	4.90
Bridge S.W. of Meenboy	7.40	5.90	18.40	11.80	17.30	15.00	15.30	12.90	9.50	2.30	4.00
Bridge 1.5 km E. of Kilcar						14.90	16.00	13.10	10.00	2.30	4.90
500m d/s Ballaghdoe River	7.90	6.50	16.40	11.80	16.90	14.00	15.90	13.10	10.50	2.70	4.20

Table 1. Temperature (oC) Profile of the Glenaddragh River.

Station	Date										
	22/03/00	11/04/00	08/05/00	30/05/00	20/06/00	06/07/00	01/08/00	14/09/00	10/10/00	10/01/01	14/02/01
Fintragh Forest		102	128	118	126	138	106	96	77	82	88
Bridge S.W. of Meenboy	122	112	130	122	126	148	108	96	68	85	91
Bridge 1.5 km E. of Kilcar						148	106	90	71	90	96
500m d/s Ballaghdoe River	138	136	152	138	148	156	116	112	83	98	103

Table 2. Conductivity (cms) Profile of the Glenaddragh River.

Station	Date										
	22/03/00	11/04/00	08/05/00	30/05/00	20/06/00	06/07/00	01/08/00	14/09/00	10/10/00	10/01/01	14/02/01
Fintragh Forest		12.22	10.17	11.28	9.31	10.30	9.70	9.59	10.15	11.80	12.02
Bridge S.W. of Meenboy	11.49	12.07	10.09	10.79	8.70	9.88	9.65	9.62	9.96	11.76	11.83
Bridge 1.5 km E. of Kilcar						10.02	9.77	9.70	10.35	11.49	12.07
500m d/s Ballaghdoe River	11.43	12.16	10.77	10.63	9.10	10.15	9.80	9.57	9.80	9.71	12.08

Table 3. Dissolved Oxygen (mg/l) Profile of the Glenaddragh River.

Station	Date										
	22/03/00	11/04/00	08/05/00	30/05/00	20/06/00	06/07/00	01/08/00	14/09/00	10/10/00	10/01/01	14/02/01
Fintragh Forest		1.40	2.60	1.80	2.40	1.80	2.00	2.40	1.40	0.20	0.20
Bridge S.W. of Meenboy	0.20	1.20	0.80	2.00	3.00	2.80	4.00	0.40	1.20	0.20	0.20
Bridge 1.5 km E. of Kilcar						0.20	4.00	0.40	0.80	0.40	0.60
500m d/s Ballaghdoe River	0.20	0.80	1.00	2.00	0.40	1.40	13.00	1.20	1.80	0.40	0.20

Table 4. Suspended Solids (mg/l) Profile of the Glenaddragh River.

	Date										
	22/03/00	11/04/00	08/05/00	30/05/00	20/06/00	06/07/00	01/08/00	14/09/00	10/10/00	10/01/01	14/02/01
Fintragh Forest		0.01		0.04	0.01	<0.01	<0.01	0.03	0.01	0.01	0.01
Bridge S.W. of Meenboy	<0.01	0.01	0.03	0.04	<0.01	<0.01	0.03	0.01	<0.01	0.01	0.01
Bridge 1.5 km E. of Kilcar						<0.01	0.02	<0.01	0.01	0.12	0.01
500m d/s Ballaghdoe River	0.01	0.01	0.03	0.02	0.01	<0.01	0.03	0.02	<0.01	0.01	0.02

Table 5. NO₂ as N (mg/l) recordings on the Glenaddragh River.

	Date										
	22/03/00	11/04/00	08/05/00	30/05/00	20/06/00	06/07/00	01/08/00	14/09/00	10/10/00	10/01/01	14/02/01
Fintragh Forest		<0.01		0.01	0.01	<0.01	0.01	0.02	<0.01	0.03	<0.01
Bridge S.W. of Meenboy	<0.01	<0.01	0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01
Bridge 1.5 km E. of Kilcar						<0.01	0.03	0.02	0.01	<0.01	0.01
500m d/s Ballaghdoe River	0.02	0.02	0.02	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	0.03	<0.01

Table 6. NH₃ as N (mg/l) recordings on the Glenaddragh River.

Station	Date										
	22/03/00	11/04/00	08/05/00	30/05/00	20/06/00	06/07/00	01/08/00	14/09/00	10/10/00	14/02/01	
Fintragh Forest		0.07		0.03	0.04	<0.01	0.08	0.02	0.06	0.05	
Bridge S.W. of Meenboy	0.01	0.05	0.04	0.03	<0.01	<0.01	0.12	0.03	0.07	0.06	
Bridge 1.5 km E. of Kilcar						<0.01	0.24	0.02	<0.01	<0.01	
500m d/s Ballaghdoe River	0.03	0.06	0.05	<0.01	0.06	<0.01	0.12	0.04	0.02	0.07	

Table 7. NO₃ as N (mg/l) recordings on the Glenaddragh River.

Station	Date										
	22/03/00	11/04/00	08/05/00	30/05/00	20/06/00	06/07/00	01/08/00	14/09/00	10/10/00	10/01/01	14/02/01
Fintragh Forest		<0.01	0.005		0.04	<0.01	0.01	0.04	0.02	0.01	0.06
Bridge S.W. of Meenboy	0.012	<0.01	0.03		0.01		0.04	0.01	0.04	<0.01	0.01
Bridge 1.5 km E. of Kilcar						0.01	0.02	0.01		0.01	<0.01
500m d/s Ballaghdoe River	0.018	0.017	0.005	0.04	0.03		0.04	0.01	0.01	<0.01	0.01

Table 8. Total P (mg/l) recordings on the Glenaddragh River.

Station	Date											Median
	22/03/00	11/04/00	08/05/00	30/05/00	20/06/00	06/07/00	01/08/00	14/09/00	10/10/00	10/01/01	14/02/01	
Fintragh Forest		0.01		<0.01	0.05	<0.01	0.01	0.01	<0.01	<0.01	0.01	0.01
Bridge S.W. of Meenboy	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
Bridge 1.5 km E. of Kilcar						<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.03
500m d/s Ballaghdoe River	<0.01	0.01	0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01

Table 9. PO4 (mg/l) recordings on the Glenaddragh River.

Station	Date											Median
	22/03/00	11/04/00	08/05/00	30/05/00	20/06/00	06/07/00	01/08/00	14/09/00	10/10/00	10/01/01	14/02/01	
Fintragh Forest		0.04	0.50	0.94	0.54	0.26	1.44	0.76	1.09	0.40	0.54	
Bridge S.W. of Meenboy	0.49	0.63	0.35	0.73	0.48	0.09	1.68	0.38	0.80	0.63	0.65	
Bridge 1.5 km E. of Kilcar						0.02	2.09	0.42	0.85	0.41	0.61	
500m d/s Ballaghdoe River	0.52	0.65	0.47	0.72	0.39	0.14	2.98	0.32	0.85	0.62	0.48	

Table 10. B.O.D. (mg/l) recordings on the Glenaddragh River.

Station	Date											Median
	22/03/00	11/04/00	08/05/00	30/05/00	20/06/00	06/07/00	01/08/00	14/09/00	10/10/00	14/02/01		
Fintragh Forest		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	N/A
Bridge S.W. of Meenboy	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	N/A
Bridge 1.5 km E. of Kilcar						<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	N/A
500m d/s Ballaghdoe River	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.033	<0.02	<0.02	<0.02	<0.02	0.033

Table 11. Total Cu (mg/l) recordings on the Glenaddragh River.

Station	Date											Median
	22/03/00	11/04/00	08/05/00	30/05/00	20/06/00	06/07/00	01/08/00	14/09/00	10/10/00	14/02/01		
Fintragh Forest		0.027	0.024	0.025	0.022	0.032	<0.018	<0.018	<0.018	<0.018	0.025	
Bridge S.W. of Meenboy	<0.018	0.025	0.024	0.024	0.025	0.031	<0.018	<0.018	<0.018	<0.018	<0.018	0.025
Bridge 1.5 km E. of Kilcar						0.034	<0.018	<0.018	<0.018	<0.018	<0.018	0.034
500m d/s Ballaghdoe River	0.027	0.027	0.027	0.025	0.025	0.038	0.073	<0.018	<0.018	<0.018	<0.018	0.027

Table 12. Total Zn (mg/l) recordings on the Glenaddragh River.

	Date										
Station	22/03/00	11/04/00	08/05/00	30/05/00	20/06/00	06/07/00	01/08/00	14/09/00	10/10/00	10/01/01	14/02/01
Fintragh Forest		7.10	7.70	6.75	7.01	7.86	6.60	7.24	6.48	7.03	7.07
Bridge S.W. of Meenboy	7.14	7.11	7.46	6.65	6.78	7.43	6.71	7.13	6.43	7.09	6.92
Bridge 1.5 km E. of Kilcar						7.69	7.08	7.65	6.73	7.17	7.24
500m d/s Ballaghdoe River	7.65	7.28	8.83	6.92	7.23	7.69	7.21	7.89	6.88	7.14	7.39

Table 13. pH recordings on the Glenaddragh River.

	Date										
Station	23/3/00	19/4/00	16/5/00	06/06/00	27/6/00	13/7/00	22/8/00	26/09/00	05/12/00	11/01/01	15/02/01
Bridge u/s Stragar River confl.	6.60	7.20	15.60	13.70	18.70	13.00	15.70	12.40	9.70	2.00	5.60

Table 14. Temperature (oC) profile of the Roechrow River

	Date											
Station	23/3/00	19/4/00	16/5/00	06/06/00	27/6/00	13/7/00	22/8/00	26/09/00	17/10/00	05/12/00	11/01/01	15/02/01
Bridge u/s Stragar River confl.	7.43	7.34	7.52	6.86	7.00	7.02	7.28	6.89	6.94	6.61	7.53	7.26

Table 15. pH profile of the Roechrow River.

	Date											
Station	23/3/00	19/4/00	16/5/00	06/06/00	27/6/00	13/7/00	22/8/00	26/09/00	17/10/00	05/12/00	11/01/01	15/02/01
Bridge u/s Stragar River confl.	92	92	112	86	88	82	80	52	62	47	73	70

Table 16. Conductivity (cms) profile of the Roechrow River.

	Date											
Station	23/3/00	19/4/00	16/5/00	06/06/00	27/6/00	13/7/00	22/8/00	26/09/00	17/10/00	05/12/00	11/01/01	15/02/01
Bridge u/s Stragar River confl.	11.47	9.26	9.69	10.13	9.27	9.96	9.18	9.66	9.58	10.13	11.69	10.13

Table 17. Dissolved Oxygen (mg/l) profile of the Roechrow River.

	Date										
Station	19/4/00	16/5/00	06/06/00	27/6/00	13/7/00	22/8/00	26/09/00	17/10/00	05/12/00	11/01/01	15/02/01
Bridge u/s Stragar River confl.	1.20	3.60	2.40	2.00	2.00	3.20	2.40	1.80	0.20	0.20	0.20

Table 18. Suspended Solids (mg/l) profile of the Roechrow River.

	Date											
	23/3/00	19/4/00	16/5/00	06/06/00	27/6/00	13/7/00	22/8/00	26/09/00	17/10/00	11/01/01	15/02/01	Median
Bridge u/s Stragar River confl.	<0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.02	<0.01	0.015

Table 19. NH3 as N (mg/l) profile of the Roechrow River.

	Date											
	23/3/00	19/4/00	16/5/00	06/06/00	27/6/00	13/7/00	22/8/00	26/09/00	17/10/00	11/01/01	15/02/01	Median
Bridge u/s Stragar River confl.	<0.01	0.02	0.03	<0.01	0.01	0.02	0.02	<0.01	0.01	0.01	0.01	0.015

Table 20. NO2 as N (mg/l) profile of the Roechrow River

	Date											
	23/3/00	19/4/00	16/5/00	06/06/00	27/6/00	13/7/00	22/8/00	26/09/00	17/10/00	11/01/01	15/02/01	Median
Bridge u/s Stragar River confl.	0.03	0.05	0.05	0.03	0.04	<0.01	<0.01	0.07	0.02	0.02	0.02	0.03

Table 21. NO3 as N (mg/l) profile of the Roechrow River.

	Date										
	19/4/00	06/06/00	27/6/00	22/8/00	26/09/00	17/10/00	05/12/00	11/01/01	15/02/01	Median	
Bridge u/s Stragar River confl.	0.005	0.01	0.02	0.01	0.02	<0.01	0.02	0.02	<0.01	0.02	

Table 22. Total P (mg/l) profile of the roechrow River.

	Date											
	23/3/00	19/4/00	16/5/00	06/06/00	27/6/00	13/7/00	22/8/00	26/09/00	17/10/00	11/01/01	15/02/01	Median
Bridge u/s Stragar River confl.	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	0.015

Table 23. PO4 (mg/l) profile of the Roechrow River.

	Date											
Station	23/3/00	19/4/00	16/5/00	06/06/00	27/6/00	13/7/00	22/8/00	26/09/00	17/10/00	05/12/00	11/01/01	15/02/01
Bridge u/s Stragar River confl.	0.99	0.74	0.99	0.85	0.99	1.30	0.61	0.89	0.43	1.00	0.25	0.56

Table 24. B.O.D. (mg/l) profile of the Roechrow River.

	Date											
	23/3/00	19/4/00	16/5/00	06/06/00	27/6/00	13/7/00	22/8/00	26/09/00	17/10/00	05/12/00	11/01/01	Median
Bridge u/s Stragar River confl.	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.022	<0.02	0.022

Table 25. Cu (mg/l) profile of the Roechrow River.

	Date											
	23/3/00	19/4/00	16/5/00	06/06/00	27/6/00	13/7/00	22/8/00	26/09/00	17/10/00	05/12/00	11/01/01	Median
Bridge u/s Stragar River confl.	<0.018	0.026	<0.018	<0.018	0.021	0.032	<0.018	<0.018	<0.018	<0.018	<0.018	0.026

Table 26. Zn (mg/l) profile of the Roechrow River.

	Date										
Station	23/03/00	19/04/00	16/05/00	06/06/00	27/06/00	13/07/00	22/08/00	26/09/00	05/12/00	11/01/01	15/02/01
Meentully nagarn Bridge	6.20	6.80	14.00	12.50	16.30	13.80	13.60	12.20	9.80	1.70	5.30
u/s Fish Sales	6.30	6.90	15.20	13.90	18.00	13.10	15.00	12.40	9.90	1.70	5.40
d/s Fish Sales	6.40	7.10	15.30	14.00	18.10	13.10	15.10	12.40	9.90	1.70	5.50

Table 27. Temperature (oC) profile of the Stragar River.

	Date											
Station	23/03/00	19/04/00	16/05/00	06/06/00	27/06/00	13/07/00	22/08/00	26/09/00	17/10/00	05/12/00	11/01/01	15/02/01
Meentully nagarn Bridge	7.35	7.30	7.49	6.85	6.94	7.41	7.23	7.03		6.59	7.47	7.06
u/s Fish Sales	7.28	7.44	7.65	6.92	7.06	7.45	7.34	7.15	7.23	6.52	7.69	7.15
d/s Fish Sales	7.38	7.40	7.71	6.96	6.96	7.45	7.35	7.16	6.67	6.55	7.58	7.13

Table 28. pH profile of the Stragar River.

	Date											
Station	23/03/00	19/04/00	16/05/00	06/06/00	27/06/00	13/07/00	22/08/00	26/09/00	17/10/00	05/12/00	11/01/01	15/02/01
Meentully nagarn Bridge	112	110	136	106	112	126	104	86		52	90	87
u/s Fish Sales	102	106	124	100	98	98	92	64	69	50	160	81
d/s Fish Sales	104	108	126	102	100	98	96	68	91	51	93	81

Table 29. Conductivity (cms) profile of the Stragar River.

	Date											
Station	23/03/00	19/04/00	16/05/00	06/06/00	27/06/00	13/07/00	22/08/00	26/09/00	17/10/00	05/12/00	11/01/01	15/02/01
Meentully nagarn Bridge	12.15	10.40	10.65	10.33	10.02	9.96	9.35	9.69		10.08	11.94	10.15
u/s Fish Sales	12.16	10.67	10.17	10.23	9.66	10.00	9.25	9.65	9.88	10.12	11.79	10.09
d/s Fish Sales	12.15	12.19	10.28	10.19	9.56	10.05	9.17	9.65	9.74	10.09	12.09	10.19

Table 30. Dissolved Oxygen (mg/l) profile of the Stragar River.

	Date										
Station	19/04/00	16/05/00	06/06/00	27/06/00	13/07/00	22/08/00	26/09/00	17/10/00	05/12/00	11/01/01	15/02/01
Meentully nagarn Bridge	2.60	5.20	6.20	0.80	2.20	4.20	3.60		1.60	0.20	0.80
u/s Fish Sales	1.60	2.40	3.00	0.40	2.20	1.80	3.00	2.80	0.60	0.20	0.80
d/s Fish Sales	4.80	2.60	2.80	1.60	0.80	2.40	2.60	1.34	0.40	2.80	3.00

Table 31. Suspended Solids (mg/l) profile of the Stragar River.

	Date													
	23/03/00	19/04/00	16/05/00	06/06/00	27/06/00	13/07/00	22/08/00	26/09/00	17/10/00	05/12/00	11/01/01	15/02/01	Median	
Meentully nagarn Bridge	<0.01	0.010	0.030	0.020	0.020	0.050	<0.01	0.090		0.020	<0.01	<0.01	0.020	
u/s Fish Sales	0.010		0.020	<0.01	0.020	<0.01	<0.01	0.020	0.020	0.260	<0.01	0.010	0.020	
d/s Fish Sales		0.080	0.100	0.100		0.020	0.100	0.020	0.180		0.110		0.100	

Table 32. NH3 as N (mg/l) profile of the Stragar River.

	Date													
	23/03/00	19/04/00	16/05/00	06/06/00	27/06/00	13/07/00	22/08/00	26/09/00	17/10/00	05/12/00	11/01/01	15/02/01	Median	
Meentully nagarn Bridge	0.08	0.03	<0.01	0.02	0.01	0.03	0.02	0.02		0.02	0.01	0.01	0.02	
u/s Fish Sales	<0.01		0.03	0.02	<0.01	0.02	0.03	<0.01	<0.01	<0.01	<0.01	0.01	0.02	
d/s Fish Sales		0.03	<0.01	0.01		<0.01	0.02	0.01	<0.01		0.01		0.01	

Table 33. NO2 as N (mg/l) profile of the Stragar River.

	Date												Median
	23/03/00	19/04/00	16/05/00	06/06/00	27/06/00	13/07/00	22/08/00	26/09/00	17/10/00	05/12/00	11/01/01	15/02/01	
Meentully nagarn Bridge	0.04	0.05	0.07	0.05	0.02	0.31	0.08	0.15		0.03	0.09	0.10	0.07
u/s Fish Sales	0.03		0.05	0.03	0.02	0.04	0.11	0.03	0.04	0.03	0.06	0.27	0.04
d/s Fish Sales		0.04	0.05	<0.01		0.02	0.03	0.08	0.05		0.02		0.04

Table 34. NO3 as N (mg/l) profile of the Stragar River.

Station	Date												Median
	23/03/00	19/04/00	16/05/00	06/06/00	27/06/00	13/07/00	22/08/00	26/09/00	17/10/00	05/12/00	11/01/01	15/02/01	
Meentully nagarn Bridge		0.021	0.06	0.07	0.04		0.06	0.07		0.06	0.05	<0.01	0.06
u/s Fish Sales	0.01		0.04	0.05	0.04	0.09	0.04	0.04	0.03	0.03	0.03	<0.01	0.04
d/s Fish Sales		0.47	0.07	0.09	0.02		0.06	0.04	0.08	0.03	0.02		0.06

Table 35. Total P (mg/l) profile of the Stragar River.

	Date												Median
	23/03/00	19/04/00	16/05/00	06/06/00	27/06/00	13/07/00	22/08/00	26/09/00	17/10/00	05/12/00	11/01/01	15/02/01	
Meentully nagarn Bridge	0.01	<0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01		0.06	<0.01	<0.01	0.01
u/s Fish Sales	<0.01		0.01	0.01	<0.01	<0.01	0.01	<0.01	0.01	0.04	<0.01	0.03	0.01
d/s Fish Sales		0.02	0.02	0.02		<0.01	0.01	<0.01	0.03		<0.01		0.02

Table 36. PO4 (mg/l) profile of the Stragar River.

	Date											
	23/03/00	19/04/00	16/05/00	06/06/00	27/06/00	13/07/00	22/08/00	26/09/00	17/10/00	05/12/00	11/01/01	15/02/01
Meentully nagarn Bridge	0.97	1.03	1.86	1.15	0.93	1.76	0.74	0.99		0.99	0.32	0.47
u/s Fish Sales	1.00	0.79	1.72	0.88	0.72	1.78	0.54	1.22	0.37	0.96	0.26	0.22
d/s Fish Sales	1.43	2.07	1.89	1.45	1.27	1.58	0.63	1.11	1.34	0.96	0.32	0.34

Table 37. B.O.D. (mg/l) profile of the Stragar River.

	Date											
	23/03/00	19/04/00	16/05/00	06/06/00	27/06/00	13/07/00	22/08/00	26/09/00	17/10/00	05/12/00	11/01/01	15/02/01
Meentully nagarn Bridge	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02
u/s Fish Sales	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
d/s Fish Sales	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Table 38. Cu (mg/l) profile of the Stragar River.

	Date												Median
	23/03/00	19/04/00	16/05/00	06/06/00	27/06/00	13/07/00	22/08/00	26/09/00	17/10/00	05/12/00	11/01/01	15/02/01	
Meentully nagarn Bridge	<0.018	0.025	<0.018	<0.018	0.033	0.027	<0.018	<0.018		<0.018	<0.018	<0.018	0.027
u/s Fish Sales	<0.018	0.025	<0.018	<0.018	0.033	0.036	<0.018	<0.018	<0.018	0.031	<0.018	<0.018	0.032
d/s Fish Sales	<0.018	0.025	<0.018	<0.018	0.028	0.029	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	0.028

Table 39. Zn (mg/l) profile of the Stragar River.

3. References

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Appendix C7.2 Donegal Bay Forestry

Table C7.2.1. DED forestry developments within the Donegal Bay catchment area (FIPS 98).

DED NAME	AREA (M ²)	CLASS CATEGORY	CLASS MATURITY	CLASS GENUS	GRANT AIDED	OWNER CODE
ALTNAPASTE DED	35160.94	Conifer forest	Young	Pine	No	Coillte Teoranta
ALTNAPASTE DED	37394.77	Conifer forest	Young	Spruce	No	Coillte Teoranta
ALTNAPASTE DED	77263.13	Conifer forest	Young	Pine	No	Coillte Teoranta
ARDARA DED	352534.6	Cleared			Yes	Coillte Teoranta
ARDARA DED	108566.4	Conifer forest	Mature	Spruce	No	Coillte Teoranta
ARDARA DED	8131.32	Conifer forest	Mature	Pine	No	Coillte Teoranta
ARDARA DED	4160.38	Planting Grant App	Young	Unknown	Yes	Private
ARDARA DED	66612.65	Conifer forest	Mature	Spruce	No	Coillte Teoranta
ARDARA DED	82819.41	Planting Grant App	Young	Unknown	Yes	Private
ARDARA DED	2296.87	Planting Grant App	Young	Unknown	Yes	Private
ARDARA DED	9051.48	Conifer forest	Mature	Pine	No	Coillte Teoranta
ARDARA DED	257032.6	Cleared			Yes	Coillte Teoranta
ARDARA DED	6566.72	Conifer forest	Mature	Other conifers	No	Coillte Teoranta
ARDARA DED	3515.43	Planting Grant App	Young	Unknown	Yes	Private
ARDARA DED	142020	Conifer forest	Mature	Spruce	No	Coillte

						Teoranta
ARDARA DED	8548.18	Planting Grant App	Young	Unknown	Yes	Private
ARDARA DED	84350.26	Planting Grant App	Young	Unknown	Yes	Private
ARDARA DED	22261.22	Planting Grant App	Young	Unknown	Yes	Private
ARDARA DED	140622.4	Conifer forest	Mature	Spruce	No	Coillte Teoranta
BALLINTRA 2 DED	7405.77	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA 2 DED	3503.5	Other forest			No	Private
BALLINTRA 2 DED	74996.58	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA 2 DED	4466.93	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA 2 DED	16055.37	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA 2 DED	5851.81	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA 2 DED	2895.46	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA 2 DED	1594.57	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA 2 DED	1029.8	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA 2 DED	5405.5	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA 2 DED	29770.99	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA 2 DED	2331.67	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA 2 DED	3207.08	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	41826.34	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	41826.34	Broadleaf forest	Mature	Other Broadleaves	No	Private

BALLINTRA DED	10670.64	Mixed forest	Young		No	Coillte Teoranta
BALLINTRA DED	15170.8	Conifer forest	Young	Spruce	No	Coillte Teoranta
BALLINTRA DED	15170.8	Conifer forest	Young	Spruce	No	Coillte Teoranta
BALLINTRA DED	142654.2	Conifer forest	Young	Spruce	No	Coillte Teoranta
BALLINTRA DED	80401	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	25981.12	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	25981.12	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	19447.05	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	19447.05	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	171503.4	Conifer forest	Mature	Pine	No	Coillte Teoranta
BALLINTRA DED	148902.8	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	18953.15	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	6744.45					
BALLINTRA DED	146489.9	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	61690.73	Cleared			Yes	Coillte Teoranta
BALLINTRA DED	4073.63					
BALLINTRA DED	5929.14	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	9653.8	Planting Grant App	Young	Unknown	Yes	Private

BALLINTRA DED	3781.21	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	9747.38	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	113912.1	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	184256	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	19129.93	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	17269.53	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	11390.22	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	14033.41	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	1602.18	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	14256.84	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	2758.49	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	1764.87	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	18184.13	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	7711.61	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	23331.76	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	13778.54	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	70237.73	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	27362.42	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	12459.46	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	207366.3	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	3784.21	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	94725.35	Planting Grant App	Young	Unknown	Yes	Private

BALLINTRA DED	21919.43	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	52013.94	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	6956.41	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	7872.76	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	15416.45	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	9643.7	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	33617.02	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	11186.99	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	5518.62	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	114106.7	Cleared			Yes	Coillte Teoranta
BALLINTRA DED	10080.65	Mixed forest	Mature		No	Private
BALLINTRA DED	81115.94	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	6833.75	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	66817.39	Mixed forest	Mature		No	Private
BALLINTRA DED	19380.42	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	131847.7	Mixed forest	Mature		No	Private
BALLINTRA DED	5150.43	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	141479.6	Cleared			Yes	Coillte Teoranta
BALLINTRA DED	77042.15	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	26344.82	Mixed forest	Mature		No	Private
BALLINTRA DED	40547.41	Mixed forest	Mature		No	Private
BALLINTRA DED	14389.93	Conifer forest	Young	Other conifers	No	Private

BALLINTRA DED	28225.49	Mixed forest	Mature		No	Private
BALLINTRA DED	28314.79	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	2835.54	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	124975.5	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	41090.86	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	5497.83	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	6007.91	Mixed forest	Mature		No	Private
BALLINTRA DED	6373.65	Broadleaf forest	Young	Other Broadleaves	No	Private
BALLINTRA DED	5884.6	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	9530.3	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	176202.1	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	10952.95	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	4190.97	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	3072.15	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	34489.3	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	26.8237					
BALLINTRA DED	19708.99	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	6010.83	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	24606.41	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	277837.7	Cleared			Yes	Coillte Teoranta
BALLINTRA DED	194233	Conifer forest	Young	Pine	No	Coillte Teoranta
BALLINTRA DED	112568.7	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	18807.79	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	63770.35	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	775.197	Planting Grant App	Young	Unknown	Yes	Private

BALLINTRA DED	3777.53	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	53589.98	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	879.329	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	258366.9	Cleared			Yes	Coillte Teoranta
BALLINTRA DED	6425.9	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	5983.74	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	81677.47	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	149264.9	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	4830.36	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
BALLINTRA DED	5591.81					
BALLINTRA DED	17108.27	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	22533.42	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	40839.52	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	707376.6	Cleared			No	Private
BALLINTRA DED	90837.41	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	2362.67	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	9825.08	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	61869.2	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	11213.9	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	146418.2	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	814.031	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	36809.21	Planting Grant App	Young	Unknown	Yes	Private

BALLINTRA DED	3061.27	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	10554.43	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	24211.71	Conifer forest	Mature	Spruce	No	Private
BALLINTRA DED	1353.12	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	9640.61	Conifer forest	Mature	Spruce	No	Private
BALLINTRA DED	23540.45	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	4927.33	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	31608.17	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	20499.29	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	6831.34	Conifer forest	Mature	Spruce	No	Private
BALLINTRA DED	117372.2	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	18227.9	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	14100.13	Mixed forest	Mature		No	Private
BALLINTRA DED	2558.53	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	5981.84	Broadleaf forest	Young	Other Broadleaves	No	Private
BALLINTRA DED	12996.88	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	5278.52					
BALLINTRA DED	32956.28	Mixed forest	Mature		No	Private
BALLINTRA DED	37137.1	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	1545.57	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	165264.8	Conifer forest	Young	Other conifers	No	Coillte Teoranta
BALLINTRA DED	45605.86	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	9836.84	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	15747.77	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	7108.76	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	225036.6	Conifer forest	Mature	Pine	No	Coillte Teoranta
BALLINTRA DED	16276.35	Conifer forest	Young	Pine	No	Coillte

						Teoranta
BALLINTRA DED	16230.8	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	64316.85	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	29533.65	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	3786.96	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	179537.6					
BALLINTRA DED	10648.92	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	54828.88	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	2863.01	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
BALLINTRA DED	2369.02	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	11763.29	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	57887.69	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	10727.47	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	77341.98	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	11953.07	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	5050.82	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLINTRA DED	10395.25	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	7873.29	Cleared			No	Private
BALLINTRA DED	23716.39					
BALLINTRA DED	5357.4	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	2975.68	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	28312.16	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	31554.67	Mixed forest	Mature		No	Private
BALLINTRA DED	22055.18	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	9976.35	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	3023.84	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	6109.4	Planting Grant App	Young	Unknown	Yes	Private

BALLINTRA DED	28427.16	Cleared			No	Coillte Teoranta
BALLINTRA DED	237441	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
BALLINTRA DED	24652.96	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	4285.25					
BALLINTRA DED	58402.81	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	10328.29	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	11505.9	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	8745.08	Conifer forest	Mature	Spruce	No	Private
BALLINTRA DED	17742.66	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	10336.5	Conifer forest	Mature	Spruce	No	Private
BALLINTRA DED	49806.12	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	937.772	Mixed forest	Mature		No	Private
BALLINTRA DED	68618.9	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	320915	Planting Grant App	Young	Unknown	Yes	Private
BALLINTRA DED	97320.59	Mixed forest	Mature		No	Private
BALLYSHANNON RURAL DED	32514.01	Conifer forest	Mature	Spruce	No	Private
BALLYSHANNON RURAL DED	6593.94	Planting Grant App	Young	Unknown	Yes	Private
BALLYSHANNON RURAL DED	47562.9	Cleared			No	Coillte Teoranta
BALLYSHANNON RURAL DED	38977.16	Conifer forest	Young	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	34826.85	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
BALLYSHANNON RURAL DED	28121.59	Mixed forest	Young		No	Private
BALLYSHANNON RURAL	104580.5	Conifer forest	Mature	Pine/Spruce mix	No	Coillte

DED						Teoranta
BALLYSHANNON RURAL DED	29713.05	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
BALLYSHANNON RURAL DED	10026.39	Conifer forest	Mature	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	42829.66	Conifer forest	Mature	Pine	No	Coillte Teoranta
BALLYSHANNON RURAL DED	13572.73	Conifer forest	Mature	Pine	No	Coillte Teoranta
BALLYSHANNON RURAL DED	15896.57	Conifer forest	Mature	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	42901.98	Conifer forest	Mature	Pine	No	Coillte Teoranta
BALLYSHANNON RURAL DED	6230.5					
BALLYSHANNON RURAL DED	257785.5	Conifer forest	Young	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	12266.98	Mixed forest	Mature		No	Coillte Teoranta
BALLYSHANNON RURAL DED	7480.51	Conifer forest	Young	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	79108.58	Conifer forest	Young	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	2441.43	Other forest			No	Private
BALLYSHANNON RURAL DED	2441.43	Other forest			No	Private
BALLYSHANNON RURAL DED	25525.04	Mixed forest	Mature		No	Coillte Teoranta
BALLYSHANNON RURAL DED	84612.12	Conifer forest	Mature	Pine	No	Coillte

DED						Teoranta
BALLYSHANNON RURAL DED	30993.4	Conifer forest	Young	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	16002.89	Conifer forest	Mature	Pine	No	Coillte Teoranta
BALLYSHANNON RURAL DED	26512.09	Conifer forest	Young	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	104005.7	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
BALLYSHANNON RURAL DED	4848.01	Other forest			No	Private
BALLYSHANNON RURAL DED	7855.35	Conifer forest	Mature	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	10827.74					
BALLYSHANNON RURAL DED	18818.49	Planting Grant App	Young	Unknown	Yes	Private
BALLYSHANNON RURAL DED	6672.51	Mixed forest	Mature		No	Coillte Teoranta
BALLYSHANNON RURAL DED	15645.41	Mixed forest	Mature		No	Coillte Teoranta
BALLYSHANNON RURAL DED	5004.62					
BALLYSHANNON RURAL DED	8494.61	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLYSHANNON RURAL DED	5225.47	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLYSHANNON RURAL DED	7191.44	Mixed forest	Mature		No	Coillte Teoranta
BALLYSHANNON RURAL DED	71365.93	Mixed forest	Mature		No	Private

DED						
BALLYSHANNON RURAL DED	5146.55	Conifer forest	Mature	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	7698.31	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLYSHANNON RURAL DED	23372.99	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLYSHANNON RURAL DED	18095.55	Conifer forest	Mature	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	19870.71	Conifer forest	Mature	Pine	No	Coillte Teoranta
BALLYSHANNON RURAL DED	102815.2	Conifer forest	Young	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	31202.75	Mixed forest	Mature		No	Coillte Teoranta
BALLYSHANNON RURAL DED	13790.09	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
BALLYSHANNON RURAL DED	10679.83	Conifer forest	Mature	Pine	No	Coillte Teoranta
BALLYSHANNON RURAL DED	26039	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
BALLYSHANNON RURAL DED	25437.33	Cleared			No	Coillte Teoranta
BALLYSHANNON RURAL DED	8064.18	Conifer forest	Mature	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	39142.89	Conifer forest	Young	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	1759.7	Conifer forest	Young	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL	35946.07	Conifer forest	Mature	Pine	No	Coillte

DED						Teoranta
BALLYSHANNON RURAL DED	52337.3	Planting Grant App	Young	Unknown	Yes	Private
BALLYSHANNON RURAL DED	5321.06	Conifer forest	Young	Pine	No	Coillte Teoranta
BALLYSHANNON RURAL DED	2315.12	Other forest			No	Private
BALLYSHANNON RURAL DED	17595.08	Planting Grant App	Young	Unknown	Yes	Private
BALLYSHANNON RURAL DED	55593.36	Conifer forest	Mature	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	65865.19	Conifer forest	Mature	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	65098.21	Conifer forest	Mature	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	12458.45	Mixed forest	Mature		No	Private
BALLYSHANNON RURAL DED	11808.66	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
BALLYSHANNON RURAL DED	41253.51	Conifer forest	Mature	Other conifers	No	Coillte Teoranta
BALLYSHANNON RURAL DED	18805.12	Conifer forest	Mature	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	67512.74	Conifer forest	Mature	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	21938.68	Conifer forest	Mature	Pine	No	Coillte Teoranta
BALLYSHANNON RURAL DED	1986.27	Planting Grant App	Young	Unknown	Yes	Private
BALLYSHANNON RURAL	5214.41	Planting Grant App	Young	Unknown	Yes	Private

DED						
BALLYSHANNON RURAL DED	41158.98	Conifer forest	Mature	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	5643.03	Conifer forest	Mature	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	4544.97	Planting Grant App	Young	Unknown	Yes	Private
BALLYSHANNON RURAL DED	47745.92	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
BALLYSHANNON RURAL DED	8896.53	Conifer forest	Mature	Pine	No	Coillte Teoranta
BALLYSHANNON RURAL DED	4194.45	Other forest			No	Private
BALLYSHANNON RURAL DED	78991.07	Conifer forest	Mature	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	73980.21	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
BALLYSHANNON RURAL DED	5157.95					
BALLYSHANNON RURAL DED	180756.5	Conifer forest	Young	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	150317.3	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
BALLYSHANNON RURAL DED	6012.86					
BALLYSHANNON RURAL DED	6007.57	Cleared			No	Coillte Teoranta
BALLYSHANNON RURAL DED	25549.78	Conifer forest	Young	Pine	No	Coillte Teoranta
BALLYSHANNON RURAL DED	49327.99	Cleared			No	Coillte

DED						Teoranta
BALLYSHANNON RURAL DED	99604.2	Conifer forest	Young	Pine	No	Coillte Teoranta
BALLYSHANNON RURAL DED	53008.59	Planting Grant App	Young	Unknown	Yes	Private
BALLYSHANNON RURAL DED	21789.27	Planting Grant App	Young	Unknown	Yes	Private
BALLYSHANNON RURAL DED	8221.88	Mixed forest	Mature		No	Coillte Teoranta
BALLYSHANNON RURAL DED	32602.89	Conifer forest	Young	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	29729.45	Conifer forest	Mature	Larch	No	Coillte Teoranta
BALLYSHANNON RURAL DED	9540.38	Conifer forest	Mature	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	32440.78					
BALLYSHANNON RURAL DED	20098.02	Conifer forest	Mature	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	6227.78	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLYSHANNON RURAL DED	19146.56	Conifer forest	Mature	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	152507.5	Conifer forest	Mature	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	18580.37	Conifer forest	Mature	Other conifers	No	Coillte Teoranta
BALLYSHANNON RURAL DED	14366.17	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
BALLYSHANNON RURAL	72654.53					

DED						
BALLYSHANNON RURAL DED	5495.72					
BALLYSHANNON RURAL DED	1740.04	Conifer forest	Young	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	37641.59	Conifer forest	Young	Pine	No	Coillte Teoranta
BALLYSHANNON RURAL DED	13870.65	Planting Grant App	Young	Unknown	Yes	Private
BALLYSHANNON RURAL DED	9317.32	Conifer forest	Mature	Pine	No	Coillte Teoranta
BALLYSHANNON RURAL DED	66227.01					
BALLYSHANNON RURAL DED	45777.75	Conifer forest	Mature	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	3857.44	Planting Grant App	Young	Unknown	Yes	Private
BALLYSHANNON RURAL DED	4752.34	Planting Grant App	Young	Unknown	Yes	Private
BALLYSHANNON RURAL DED	20935.85					
BALLYSHANNON RURAL DED	92880.14	Conifer forest	Mature	Pine	No	Coillte Teoranta
BALLYSHANNON RURAL DED	242489.8	Conifer forest	Young	Pine	No	Coillte Teoranta
BALLYSHANNON RURAL DED	7964.23					
BALLYSHANNON RURAL DED	50607.19	Planting Grant App	Young	Unknown	Yes	Private
BALLYSHANNON RURAL DED	241384.9	Conifer forest	Mature	Pine	No	Coillte

DED						Teoranta
BALLYSHANNON RURAL DED	88539.34	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLYSHANNON RURAL DED	26935.44	Conifer forest	Mature	Spruce	No	Coillte Teoranta
BALLYSHANNON RURAL DED	12489.29	Mixed forest	Mature		No	Coillte Teoranta
BALLYSHANNON RURAL DED	7134.45	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
BALLYSHANNON URBAN DED	9767.15	Broadleaf forest	Mature	Other Broadleaves	No	Private
BALLYSHANNON URBAN DED	15263.63	Mixed forest	Mature		No	Private
BALLYSHANNON URBAN DED	15263.63	Mixed forest	Mature		No	Private
BINBANE DED	748242.9	Conifer forest	Young	Other conifers	No	Coillte Teoranta
BINBANE DED	259988.2	Conifer forest	Young	Other conifers	No	Coillte Teoranta
BINBANE DED	9546.48	Conifer forest	Mature	Pine/Spruce mix	Yes	Coillte Teoranta
BINBANE DED	11161.28	Conifer forest	Mature	Pine/Spruce mix	Yes	Coillte Teoranta
BINBANE DED	5387.94	Conifer forest	Mature	Pine	Yes	Coillte Teoranta
BINBANE DED	5271.84	Conifer forest	Young	Pine/Spruce mix	Yes	Coillte Teoranta
BINBANE DED	20827.06	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
BINBANE DED	37443.09	Conifer forest	Mature	Spruce	No	Coillte

						Teoranta
BINBANE DED	14909.32	Planting Grant App	Young	Unknown	Yes	Private
BINBANE DED	6933.79					
BINBANE DED	23222.92	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
BINBANE DED	29628.85	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
BINBANE DED	14187.71	Planting Grant App	Young	Unknown	Yes	Private
BINBANE DED	23281.45	Conifer forest	Young	Other conifers	No	Coillte Teoranta
BINBANE DED	18516.5	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
BINBANE DED	9308.28	Conifer forest	Young	Pine	No	Coillte Teoranta
BINBANE DED	10280.68	Conifer forest	Young	Pine	No	Coillte Teoranta
BINBANE DED	9872.83	Conifer forest	Young	Pine	No	Coillte Teoranta
BINBANE DED	10409.16	Conifer forest	Young	Pine	No	Coillte Teoranta
BINBANE DED	18042.41	Mixed forest	Mature		No	Private
BINBANE DED	9976.66	Conifer forest	Young	Other conifers	Yes	Coillte Teoranta
BINBANE DED	11568.72	Conifer forest	Mature	Pine	Yes	Coillte Teoranta
BINBANE DED	24781.52	Conifer forest	Mature	Pine	Yes	Coillte Teoranta
BINBANE DED	97195.07	Conifer forest	Young	Other conifers	Yes	Coillte Teoranta
BINBANE DED	7263.25	Conifer forest	Mature	Pine/Spruce mix	Yes	Coillte

						Teoranta
BINBANE DED	4108.98	Conifer forest	Young	Other conifers	No	Private
BINBANE DED	1550.77					
BINBANE DED	33702.92	Conifer forest	Mature	Pine	No	Coillte Teoranta
BINBANE DED	11604.41	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
BINBANE DED	22599.47	Conifer forest	Mature	Pine	No	Coillte Teoranta
BINBANE DED	5554.59	Planting Grant App	Young	Unknown	Yes	Private
BINBANE DED	91133.74	Conifer forest	Young	Spruce	No	Coillte Teoranta
BINBANE DED	6560.46	Planting Grant App	Young	Unknown	Yes	Private
BINBANE DED	267378.7	Conifer forest	Young	Spruce	No	Coillte Teoranta
BINBANE DED	51218.21	Conifer forest	Mature	Spruce	Yes	Coillte Teoranta
BINBANE DED	430632	Cleared			Yes	Coillte Teoranta
BINBANE DED	158287.7	Planting Grant App	Young	Unknown	Yes	Private
BINBANE DED	19285.99	Conifer forest	Mature	Pine	No	Coillte Teoranta
BINBANE DED	156761.4	Conifer forest	Mature	Spruce	No	Coillte Teoranta
BINBANE DED	44071.32	Planting Grant App	Young	Unknown	Yes	Private
BINBANE DED	7556.63	Conifer forest	Young	Pine	No	Coillte Teoranta
BINBANE DED	8457.29	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
BINBANE DED	20513.45	Conifer forest	Mature	Pine/Spruce mix	Yes	Coillte

						Teoranta
BINBANE DED	95203.08	Conifer forest	Young	Other conifers	Yes	Coillte Teoranta
BINBANE DED	5372.88	Planting Grant App	Young	Unknown	Yes	Private
BINBANE DED	13719.83	Planting Grant App	Young	Unknown	Yes	Private
BINBANE DED	231072.6	Conifer forest	Mature	Pine	No	Coillte Teoranta
BINBANE DED	49934.75	Cleared			Yes	Coillte Teoranta
BINBANE DED	29562.64					
BINBANE DED	8782.43	Conifer forest	Young	Other conifers	Yes	Coillte Teoranta
BINBANE DED	45746.43	Conifer forest	Mature	Spruce	No	Coillte Teoranta
BONNYGLEN DED	215701.7	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	31422.1	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	45610.41	Conifer forest	Young	Spruce	No	Coillte Teoranta
BONNYGLEN DED	98757.39	Conifer forest	Young	Spruce	No	Coillte Teoranta
BONNYGLEN DED	14450.24	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	9184.94	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	3329	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	14426.98	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	127258.8	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	164875.6	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	1746.83					
BONNYGLEN DED	224392.6	Conifer forest	Young	Pine	No	Coillte Teoranta
BONNYGLEN DED	16565.69	Planting Grant App	Young	Unknown	Yes	Private

BONNYGLEN DED	8040.57	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	77746.92	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	20052.28	Broadleaf forest	Mature	Other Broadleaves	No	Private
BONNYGLEN DED	10268.32	Broadleaf forest	Mature	Other Broadleaves	No	Private
BONNYGLEN DED	23300.38	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
BONNYGLEN DED	7187.86	Broadleaf forest	Mature	Other Broadleaves	No	Private
BONNYGLEN DED	16323.77	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	56628.08	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
BONNYGLEN DED	9376.45	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	1157.18	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	8241.56	Broadleaf forest	Mature	Other Broadleaves	No	Private
BONNYGLEN DED	4660.99	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	1940.63	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	2114.94	Cleared			No	Private
BONNYGLEN DED	4283.29	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	24093.25	Broadleaf forest	Mature	Other Broadleaves	No	Private
BONNYGLEN DED	16514.69	Broadleaf forest	Mature	Other Broadleaves	No	Private
BONNYGLEN DED	27953.92	Conifer forest	Young	Spruce	No	Coillte Teoranta
BONNYGLEN DED	25175.46	Cleared			Yes	Coillte Teoranta
BONNYGLEN DED	11227.39	Broadleaf forest	Mature	Other	No	Private

				Broadleaves		
BONNYGLEN DED	5230.37	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	13724.41	Broadleaf forest	Mature	Other Broadleaves	No	Private
BONNYGLEN DED	26664.06	Broadleaf forest	Mature	Other Broadleaves	No	Private
BONNYGLEN DED	5519.3	Broadleaf forest	Young	Other Broadleaves	No	Private
BONNYGLEN DED	10963.56	Broadleaf forest	Mature	Other Broadleaves	No	Private
BONNYGLEN DED	5675.03	Broadleaf forest	Mature	Other Broadleaves	No	Private
BONNYGLEN DED	36188.2	Broadleaf forest	Mature	Other Broadleaves	No	Private
BONNYGLEN DED	8929.22	Broadleaf forest	Mature	Other Broadleaves	No	Private
BONNYGLEN DED	12757.24	Mixed forest	Mature		No	Private
BONNYGLEN DED	14993.88	Broadleaf forest	Mature	Other Broadleaves	No	Private
BONNYGLEN DED	5563.54	Broadleaf forest	Mature	Other Broadleaves	No	Private
BONNYGLEN DED	44277.61	Mixed forest	Mature		No	Private
BONNYGLEN DED	1581.84	Mixed forest	Mature		No	Private
BONNYGLEN DED	20205.77	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	52305.08	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	3990.14	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	16554.92	Conifer forest	Young	Pine	No	Coillte Teoranta
BONNYGLEN DED	16813.14	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	39964.8	Planting Grant App	Young	Unknown	Yes	Private

BONNYGLEN DED	1452.09	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	87814.36	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	224804.3	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	11991.83	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	1675.74	Broadleaf forest	Mature	Other Broadleaves	No	Private
BONNYGLEN DED	8074.01	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	17428.45	Broadleaf forest	Mature	Other Broadleaves	Yes	Coillte Teoranta
BONNYGLEN DED	2587.84	Broadleaf forest	Mature	Other Broadleaves	No	Private
BONNYGLEN DED	22775.61	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	11546.58	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	13192.79	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	7169.75	Broadleaf forest	Mature	Other Broadleaves	No	Private
BONNYGLEN DED	18163.03	Mixed forest	Young		No	Coillte Teoranta
BONNYGLEN DED	5393.42	Broadleaf forest	Mature	Other Broadleaves	No	Private
BONNYGLEN DED	26605.7	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	6624.7	Broadleaf forest	Young	Other Broadleaves	No	Private
BONNYGLEN DED	3687.25	Broadleaf forest	Mature	Other Broadleaves	No	Private
BONNYGLEN DED	2127.88	Broadleaf forest	Mature	Other Broadleaves	No	Private
BONNYGLEN DED	6202.76					
BONNYGLEN DED	6195.29	Mixed forest	Mature		No	Private
BONNYGLEN DED	2672.11	Planting Grant App	Young	Unknown	Yes	Private

BONNYGLEN DED	119612.6	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	58071.52					
BONNYGLEN DED	5387.02	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	38550.68	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	53775.48	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	12016.67	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	18557.12	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	1575.46	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	6536.89	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	17749.51	Conifer forest	Young	Spruce	No	Coillte Teoranta
BONNYGLEN DED	15699.4	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	4601.53	Broadleaf forest	Young	Other Broadleaves	No	Private
BONNYGLEN DED	6237.81	Broadleaf forest	Mature	Other Broadleaves	No	Private
BONNYGLEN DED	223516.7	Cleared			Yes	Coillte Teoranta
BONNYGLEN DED	9776.73					
BONNYGLEN DED	58000.9	Broadleaf forest	Mature	Other Broadleaves	No	Private
BONNYGLEN DED	8218.71	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
BONNYGLEN DED	52387.94	Conifer forest	Young	Pine	Yes	Coillte Teoranta
BONNYGLEN DED	15833.97	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	2597.02	Planting Grant App	Young	Unknown	Yes	Private
BONNYGLEN DED	12283.06	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
BONNYGLEN DED	15999.04	Planting Grant App	Young	Unknown	Yes	Private

BUNDORAN RURAL DED	10470.15	Planting Grant App	Young	Unknown	Yes	Private
BUNDORAN RURAL DED	21473.14	Planting Grant App	Young	Unknown	Yes	Private
BUNDORAN RURAL DED	37066.44	Planting Grant App	Young	Unknown	Yes	Private
BUNDORAN RURAL DED	32899.45	Broadleaf forest	Mature	Other Broadleaves	No	Private
BUNDORAN RURAL DED	649.174					
BUNDORAN RURAL DED	15647.91	Planting Grant App	Young	Unknown	Yes	Private
BUNDORAN URBAN DED	38619.56	Planting Grant App	Young	Unknown	Yes	Private
CARRICKBOY DED	16132.57	Mixed forest	Mature		No	Private
CARRICKBOY DED	5043.2	Conifer forest	Mature	Other conifers	No	Private
CARRICKBOY DED	11477.17	Conifer forest	Mature	Other conifers	No	Private
CARRICKBOY DED	17818.11	Conifer forest	Mature	Other conifers	No	Private
CARRICKBOY DED	17237.29	Broadleaf forest	Mature	Other Broadleaves	No	Private
CARRICKBOY DED	7536.87	Broadleaf forest	Mature	Other Broadleaves	No	Private
CARRICKBOY DED	24431.3	Broadleaf forest	Mature	Other Broadleaves	No	Private
CARRICKBOY DED	1872.74	Mixed forest	Mature		No	Private
CARRICKBOY DED	23862.09	Broadleaf forest	Mature	Other Broadleaves	No	Private
CARRICKBOY DED	7018.72	Broadleaf forest	Mature	Other Broadleaves	No	Private
CARRICKBOY DED	2664.48	Broadleaf forest	Mature	Other Broadleaves	No	Private
CARRICKBOY DED	7243.45	Broadleaf forest	Mature	Other Broadleaves	No	Private
CARRICKBOY DED	9942.35	Broadleaf forest	Mature	Other Broadleaves	No	Private
CARRICKBOY DED	15919.95	Mixed forest	Mature		No	Private

CARRICKBOY DED	16398.44	Broadleaf forest	Mature	Other Broadleaves	No	Private
CARRICKBOY DED	10307.26	Broadleaf forest	Mature	Other Broadleaves	No	Private
CARRICKBOY DED	29815.86	Broadleaf forest	Mature	Other Broadleaves	No	Private
CARRICKBOY DED	10096.06	Broadleaf forest	Mature	Other Broadleaves	No	Private
CARRICKBOY DED	4898.46	Other forest			No	Private
CARRICKBOY DED	30378.3	Planting Grant App	Young	Unknown	Yes	Private
CARRICKBOY DED	7074.72	Mixed forest	Mature		No	Private
CARRICKBOY DED	20035.25	Mixed forest	Mature		No	Private
CARRICKBOY DED	3120.44	Broadleaf forest	Mature	Other Broadleaves	No	Private
CARRICKBOY DED	7101.7	Broadleaf forest	Mature	Other Broadleaves	No	Private
CARRICKBOY DED	9008.75	Broadleaf forest	Mature	Other Broadleaves	No	Private
CARRICKBOY DED	6415.73	Broadleaf forest	Mature	Other Broadleaves	No	Private
CAVANGARDEN DED	13343.78	Broadleaf forest	Young	Other Broadleaves	No	Private
CAVANGARDEN DED	11133.11	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	9610.94	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	10580.67	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	13104.55	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	65869.73	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	4614.5	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	51335.57	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	51118.84	Cleared			Yes	Coillte

						Teoranta
CAVANGARDEN DED	32961.41	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	52533	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	87218.41	Conifer forest	Young	Spruce	No	Coillte Teoranta
CAVANGARDEN DED	9371.49	Cleared			No	Private
CAVANGARDEN DED	13010.71	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	50085.55	Conifer forest	Mature	Pine	No	Coillte Teoranta
CAVANGARDEN DED	34266.05	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	17492.87	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CAVANGARDEN DED	9199.32	Cleared			No	Coillte Teoranta
CAVANGARDEN DED	78307.79	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	90756.41	Conifer forest	Young	Spruce	Yes	Coillte Teoranta
CAVANGARDEN DED	18350.61	Broadleaf forest	Mature	Other Broadleaves	No	Private
CAVANGARDEN DED	86870.47	Broadleaf forest	Mature	Other Broadleaves	No	Private
CAVANGARDEN DED	11851.97	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	14040.51	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	5596.21	Broadleaf forest	Mature	Other Broadleaves	No	Private
CAVANGARDEN DED	37626.87	Broadleaf forest	Mature	Other Broadleaves	No	Private
CAVANGARDEN DED	31036.14	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	9836.59	Broadleaf forest	Mature	Other Broadleaves	No	Private

CAVANGARDEN DED	5030.49	Broadleaf forest	Mature	Other Broadleaves	No	Private
CAVANGARDEN DED	21624.12	Conifer forest	Young	Spruce	No	Coillte Teoranta
CAVANGARDEN DED	4467.13	Other forest			No	Private
CAVANGARDEN DED	12579.74	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	7075.73	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
CAVANGARDEN DED	143664.1	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	40091.25	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	8285.44	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	50478.18	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	46482.76	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	215231.7	Conifer forest	Mature	Pine	No	Coillte Teoranta
CAVANGARDEN DED	5274.56	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CAVANGARDEN DED	13332.59	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CAVANGARDEN DED	12164.28	Conifer forest	Mature	Pine	No	Coillte Teoranta
CAVANGARDEN DED	35236.28	Conifer forest	Mature	Pine	No	Coillte Teoranta
CAVANGARDEN DED	6572.51	Conifer forest	Young	Spruce	No	Coillte Teoranta
CAVANGARDEN DED	16603.6	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	19028.59	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	1725.08	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	12632.47	Broadleaf forest	Mature	Other Broadleaves	No	Private

CAVANGARDEN DED	7502.19	Cleared			No	Private
CAVANGARDEN DED	8537.65	Broadleaf forest	Mature	Other Broadleaves	No	Private
CAVANGARDEN DED	39174.28	Broadleaf forest	Mature	Other Broadleaves	No	Private
CAVANGARDEN DED	13617.66	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	126676.2	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CAVANGARDEN DED	15726.52	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	15631.97	Cleared			No	Coillte Teoranta
CAVANGARDEN DED	60828.42	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	34042.96	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CAVANGARDEN DED	24869.33	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	84530.04	Cleared			Yes	Coillte Teoranta
CAVANGARDEN DED	25572.93	Planting Grant App	Young	Unknown	Yes	Private
CAVANGARDEN DED	26962.29	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
CAVANGARDEN DED	14368.44	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CAVANGARDEN DED	18259.5	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CAVANGARDEN DED	52359.17	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CAVANGARDEN DED	54981.42	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
CAVANGARDEN DED	36736.69	Conifer forest	Young	Spruce	No	Coillte Teoranta

CLIFF DED	230391.3	Conifer forest	Young	Pine	No	Coillte Teoranta
CLIFF DED	16711.08	Planting Grant App	Young	Unknown	Yes	Private
CLIFF DED	3533.48	Planting Grant App	Young	Unknown	Yes	Private
CLIFF DED	8508.53	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CLIFF DED	1327199	Conifer forest	Young	Spruce	No	Coillte Teoranta
CLIFF DED	5494.44	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CLIFF DED	462632.4	Planting Grant App	Young	Unknown	Yes	Private
CLIFF DED	8695.11	Broadleaf forest	Mature	Other Broadleaves	No	Private
CLIFF DED	206428.9	Cleared			Yes	Coillte Teoranta
CLIFF DED	34552.79	Conifer forest	Mature	Pine	No	Coillte Teoranta
CLIFF DED	29071.52	Conifer forest	Mature	Pine	No	Coillte Teoranta
CLIFF DED	117171.3	Planting Grant App	Young	Unknown	Yes	Private
CLIFF DED	7114.98	Mixed forest	Mature		No	Coillte Teoranta
CLIFF DED	5564.49	Conifer forest	Mature	Pine	No	Coillte Teoranta
CLIFF DED	8367.82	Conifer forest	Young	Other conifers	No	Coillte Teoranta
CLIFF DED	16837.37	Broadleaf forest	Mature	Other Broadleaves	No	Private
CLIFF DED	8221.06	Cleared			No	Coillte Teoranta

CLIFF DED	242675.9	Planting Grant App	Young	Unknown	Yes	Private
CLIFF DED	51499.86	Planting Grant App	Young	Unknown	Yes	Private
CLIFF DED	8236.66	Broadleaf forest	Mature	Other Broadleaves	No	Private
CLIFF DED	29291.39	Conifer forest	Young	Pine	No	Coillte Teoranta
CLIFF DED	8267.12	Broadleaf forest	Mature	Other Broadleaves	No	Private
CLIFF DED	9142.22					
CLIFF DED	71988.39	Conifer forest	Young	Spruce	No	Coillte Teoranta
CLIFF DED	16464.82	Broadleaf forest	Mature	Other Broadleaves	No	Private
CLIFF DED	13442.98	Conifer forest	Young	Pine	No	Coillte Teoranta
CLIFF DED	5563.31	Broadleaf forest	Mature	Other Broadleaves	No	Private
CLIFF DED	7257.76	Broadleaf forest	Mature	Other Broadleaves	No	Private
CLIFF DED	82298.72	Mixed forest	Mature		No	Private
CLIFF DED	29850.09	Conifer forest	Young	Spruce	No	Coillte Teoranta
CLIFF DED	6241.56					
CLIFF DED	36709.76					
CLIFF DED	13733.61	Planting Grant App	Young	Unknown	Yes	Private
CLIFF DED	7079.87					
CLIFF DED	54930.08	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CLIFF DED	23606.57	Conifer forest	Mature	Pine	No	Coillte Teoranta

CLIFF DED	8709.43	Conifer forest	Mature	Pine	No	Coillte Teoranta
CLIFF DED	69073.86	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
CLIFF DED	144008.1	Conifer forest	Young	Spruce	Yes	Coillte Teoranta
CLIFF DED	6210.26	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CLIFF DED	82471.12					
CLIFF DED	36331.91	Cleared			No	Coillte Teoranta
CLIFF DED	12995.04					
CLIFF DED	25995.8	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
CLIFF DED	36846.95	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
CLIFF DED	6038.83	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
CLIFF DED	15601.69	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
CLIFF DED	101501.5	Conifer forest	Mature	Pine	No	Coillte Teoranta
CLIFF DED	39367.32	Planting Grant App	Young	Unknown	Yes	Private
CLIFF DED	5679.11	Planting Grant App	Young	Unknown	Yes	Private
CLIFF DED	5509.36	Conifer forest	Mature	Pine	No	Coillte Teoranta
CLIFF DED	51134.98	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
CLIFF DED	15035.83	Mixed forest	Mature		No	Private
CLIFF DED	6120.95	Mixed forest	Mature		No	Private

CLIFF DED	6364.27	Conifer forest	Mature	Pine	No	Coillte Teoranta
CLIFF DED	5098.9	Broadleaf forest	Young	Other Broadleaves	No	Coillte Teoranta
CLIFF DED	1566.06	Planting Grant App	Young	Unknown	Yes	Private
CLIFF DED	5190.41					
CLIFF DED	5591.41	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CLIFF DED	8287.72	Conifer forest	Young	Pine	No	Coillte Teoranta
CLIFF DED	10433.65					
CLIFF DED	79764.81	Conifer forest	Mature	Pine	No	Coillte Teoranta
CLIFF DED	10510.62	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CLIFF DED	149893.5	Conifer forest	Young	Pine	No	Coillte Teoranta
CLIFF DED	121761.4	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
CLIFF DED	49077	Conifer forest	Young	Pine	No	Coillte Teoranta
CLIFF DED	10148.55	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
CLIFF DED	81321.04	Cleared			Yes	Coillte Teoranta
CLIFF DED	351774.6	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CLIFF DED	8477.17	Planting Grant App	Young	Unknown	Yes	Private
CLIFF DED	13092.78	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta

CLIFF DED	8618.83	Planting Grant App	Young	Unknown	Yes	Private
CLIFF DED	152456.6	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CLIFF DED	6077.51	Conifer forest	Mature	Pine	No	Coillte Teoranta
CLIFF DED	24917.33	Conifer forest	Young	Pine	No	Coillte Teoranta
CLIFF DED	88787.85	Cleared			Yes	Coillte Teoranta
CLIFF DED	2800.74	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
CLIFF DED	29113.25	Conifer forest	Mature	Pine	No	Coillte Teoranta
CLIFF DED	176692.5	Cleared			No	Coillte Teoranta
CLIFF DED	12618.67	Conifer forest	Young	Pine	No	Coillte Teoranta
CLIFF DED	87855.05	Cleared			No	Coillte Teoranta
CLOGHER DED	55378.18	Planting Grant App	Young	Unknown	Yes	Private
CLOGHER DED	168411.1	Conifer forest	Young	Spruce	No	Coillte Teoranta
CLOGHER DED	9737.1	Mixed forest	Mature		No	Private
CLOGHER DED	17449.95	Broadleaf forest	Mature	Other Broadleaves	No	Private
CLOGHER DED	129027.3	Conifer forest	Young	Spruce	No	Coillte Teoranta
CLOGHER DED	193016.5	Planting Grant App	Young	Unknown	Yes	Private
CLOGHER DED	7873.75	Broadleaf forest	Mature	Other Broadleaves	No	Private

CLOGHER DED	12972.31	Broadleaf forest	Mature	Other Broadleaves	No	Private
CLOGHER DED	6317.14	Broadleaf forest	Mature	Other Broadleaves	No	Private
CLOGHER DED	32747.54	Planting Grant App	Young	Unknown	Yes	Private
CLOGHER DED	2929.05					
CLOGHER DED	7582.54	Planting Grant App	Young	Unknown	Yes	Private
CLOGHER DED	10959.63	Conifer forest	Young	Larch	No	Coillte Teoranta
CLOGHER DED	13267.35	Conifer forest	Young	Pine	No	Coillte Teoranta
CLOGHER DED	5016.1	Conifer forest	Young	Spruce	No	Coillte Teoranta
CLOGHER DED	9134.64	Broadleaf forest	Young	Other Broadleaves	No	Private
CLOGHER DED	16756.47	Broadleaf forest	Mature	Other Broadleaves	No	Private
CLOGHER DED	5111.32	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
CLOGHER DED	3689.65	Broadleaf forest	Mature	Other Broadleaves	No	Private
CLOGHER DED	2026.62					
CLOGHER DED	1508.95	Planting Grant App	Young	Unknown	Yes	Private
CLOGHER DED	36089.35	Mixed forest	Mature		No	Coillte Teoranta
CLOGHER DED	37067.18	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
CLOGHER DED	1454.83	Broadleaf forest	Mature	Other Broadleaves	No	Private
CLOGHER DED	6821.1	Broadleaf forest	Mature	Other	No	Private

				Broadleaves		
CLOGHER DED	100321.7	Planting Grant App	Young	Unknown	Yes	Private
CLOGHER DED	9868.93	Conifer forest	Young	Spruce	No	Coillte Teoranta
CORKERMORE DED	52927.23	Conifer forest	Young	Spruce	No	Coillte Teoranta
CORKERMORE DED	116782	Conifer forest	Young	Spruce	Yes	Coillte Teoranta
CORKERMORE DED	31429.43	Cleared			Yes	Coillte Teoranta
CORKERMORE DED	66663.01	Planting Grant App	Young	Unknown	Yes	Private
CORKERMORE DED	540329.4	Conifer forest	Young	Spruce	No	Coillte Teoranta
CORKERMORE DED	162099.5	Conifer forest	Young	Spruce	No	Coillte Teoranta
CORKERMORE DED	7223.64	Conifer forest	Young	Pine	No	Coillte Teoranta
CORKERMORE DED	77510.31	Conifer forest	Young	Spruce	No	Coillte Teoranta
CORKERMORE DED	196106.1	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CORKERMORE DED	68903.52	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
CORKERMORE DED	22545.24	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
CORKERMORE DED	29092.07	Cleared			Yes	Coillte Teoranta
CORKERMORE DED	90208.83	Cleared			Yes	Coillte Teoranta
CORKERMORE DED	13996.01	Conifer forest	Young	Pine	No	Coillte

						Teoranta
CORKERMORE DED	133475.2	Conifer forest	Young	Spruce	No	Coillte Teoranta
CORKERMORE DED	31025.51	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CORKERMORE DED	19310.87	Conifer forest	Young	Pine/Spruce mix	Yes	Coillte Teoranta
CORKERMORE DED	25218.52	Conifer forest	Young	Spruce	No	Coillte Teoranta
CORKERMORE DED	43237.77	Conifer forest	Mature	Pine	No	Coillte Teoranta
CORKERMORE DED	5863.31	Conifer forest	Mature	Pine	No	Coillte Teoranta
CORKERMORE DED	138479.8	Conifer forest	Young	Spruce	No	Coillte Teoranta
CORKERMORE DED	136841.1	Conifer forest	Young	Spruce	Yes	Coillte Teoranta
CORKERMORE DED	122584.7	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CORKERMORE DED	8442.66	Broadleaf forest	Mature	Other Broadleaves	No	Private
CORKERMORE DED	11814.84	Broadleaf forest	Mature	Other Broadleaves	No	Private
CORKERMORE DED	10389.28	Mixed forest	Mature		No	Private
CORKERMORE DED	221287	Conifer forest	Young	Spruce	No	Coillte Teoranta
CORKERMORE DED	239127.4	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CORKERMORE DED	138170.2	Conifer forest	Young	Other conifers	No	Coillte Teoranta

CORKERMORE DED	212204.4	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CORKERMORE DED	89855.11	Conifer forest	Young	Spruce	No	Coillte Teoranta
CORKERMORE DED	7154	Conifer forest	Young	Pine	No	Coillte Teoranta
CORKERMORE DED	5728.23	Conifer forest	Young	Pine	No	Coillte Teoranta
CORKERMORE DED	8397.23	Conifer forest	Young	Pine/Spruce mix	Yes	Coillte Teoranta
CORKERMORE DED	12230.97	Planting Grant App	Young	Unknown	Yes	Private
CORKERMORE DED	320683.9	Cleared			Yes	Coillte Teoranta
CORKERMORE DED	42066.45	Planting Grant App	Young	Unknown	Yes	Private
CORKERMORE DED	34885.01	Conifer forest	Young	Spruce	No	Coillte Teoranta
CORKERMORE DED	245710.3	Cleared			Yes	Coillte Teoranta
CORKERMORE DED	25369.66	Cleared			Yes	Coillte Teoranta
CORKERMORE DED	11622.67	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CORKERMORE DED	67255.2	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CORKERMORE DED	6917.34	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
CORKERMORE DED	181618.4	Cleared			Yes	Coillte Teoranta
CORKERMORE DED	102594.5	Conifer forest	Mature	Spruce	No	Coillte Teoranta

CORKERMORE DED	21731.07	Planting Grant App	Young	Unknown	Yes	Private
CORKERMORE DED	13316.41	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CORKERMORE DED	29927.65	Conifer forest	Young	Spruce	No	Coillte Teoranta
CORKERMORE DED	7705.02	Conifer forest	Young	Spruce	No	Coillte Teoranta
CORKERMORE DED	21994.29	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
CORKERMORE DED	82692.33	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CORKERMORE DED	75180.37	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CORKERMORE DED	6705.59	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CORKERMORE DED	128339.9	Cleared			Yes	Coillte Teoranta
CORKERMORE DED	126512.6	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CORKERMORE DED	334543.6	Cleared			Yes	Coillte Teoranta
CORKERMORE DED	53171.37	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CORKERMORE DED	129221.2					
CROWANARAD	240537.1	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CROWKEERAGH DED	117933.3	Planting Grant App	Young	Unknown	Yes	Private
CROWKEERAGH DED	33317.2	Planting Grant App	Young	Unknown	Yes	Private
CROWKEERAGH DED	17999.38	Planting Grant App	Young	Unknown	Yes	Private
CROWKEERAGH DED	6157.38					

CROWKEERAGH DED	328238.5	Planting Grant App	Young	Unknown	Yes	Private
CROWKEERAGH DED	134829.1	Conifer forest	Young	Spruce	No	Coillte Teoranta
CROWKEERAGH DED	58085.92	Conifer forest	Young	Pine	No	Coillte Teoranta
CROWKEERAGH DED	30106.28	Cleared			No	Coillte Teoranta
CROWKEERAGH DED	23527.52	Conifer forest	Young	Spruce	No	Coillte Teoranta
CROWKEERAGH DED	237542.5	Planting Grant App	Young	Unknown	Yes	Private
CROWKEERAGH DED	11865.97	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CROWKEERAGH DED	18461.45	Planting Grant App	Young	Unknown	Yes	Private
CROWKEERAGH DED	80024.19	Planting Grant App	Young	Unknown	Yes	Private
CROWKEERAGH DED	21878.99	Planting Grant App	Young	Unknown	Yes	Private
CROWKEERAGH DED	33201.29	Planting Grant App	Young	Unknown	Yes	Private
CROWKEERAGH DED	36135.8	Conifer forest	Young	Spruce	No	Coillte Teoranta
CROWKEERAGH DED	611511.9	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CROWKEERAGH DED	68009.93	Planting Grant App	Young	Unknown	Yes	Private
CROWKEERAGH DED	18518.61	Planting Grant App	Young	Unknown	Yes	Private
CROWKEERAGH DED	3103.49	Planting Grant App	Young	Unknown	Yes	Private
CROWKEERAGH DED	1108.76	Planting Grant App	Young	Unknown	Yes	Private
CROWKEERAGH DED	32266.45	Planting Grant App	Young	Unknown	Yes	Private
CROWKEERAGH DED	89600.27	Conifer forest	Young	Pine	No	Coillte Teoranta
CROWKEERAGH DED	8212.26	Conifer forest	Mature	Pine	No	Coillte Teoranta
CROWKEERAGH DED	60247.31	Conifer forest	Mature	Pine	No	Coillte

						Teoranta
CROWKEERAGH DED	7823.9					
CROWKEERAGH DED	140614.6	Planting Grant App	Young	Unknown	Yes	Private
CROWKEERAGH DED	17292.76	Planting Grant App	Young	Unknown	Yes	Private
CROWNARAD DED	9068.35	Conifer forest	Young	Spruce	No	Coillte Teoranta
CROWNARAD DED	68185.93	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CROWNARAD DED	126872					
CROWNARAD DED	5392.15	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CROWNARAD DED	5944.03	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CROWNARAD DED	6320.68					
CROWNARAD DED	894540	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CROWNARAD DED	23193.49					
CROWNARAD DED	36283.49	Conifer forest	Young	Spruce	No	Coillte Teoranta
CROWNARAD DED	28622.93	Cleared			No	Coillte Teoranta
CROWNARAD DED	23900.03	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CROWNARAD DED	5475.26	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CROWNARAD DED	339792.2	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CROWNARAD DED	294535.4	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CROWNARAD DED	172332.3	Broadleaf forest	Mature	Other	No	Private

				Broadleaves		
CROWNARAD DED	172332.3	Broadleaf forest	Mature	Other Broadleaves	No	Private
CROWNARAD DED	7194.43	Conifer forest	Young	Spruce	No	Coillte Teoranta
CROWNARAD DED	31469.99	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CROWNARAD DED	11768.15	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CROWNARAD DED	14746.96	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
CROWNARAD DED	19434.81	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CROWNARAD DED	30140.47	Conifer forest	Young	Spruce	No	Coillte Teoranta
CROWNARAD DED	12209.95	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CROWNARAD DED	38733.78	Cleared			No	Coillte Teoranta
CROWNARAD DED	12821.26	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CROWNARAD DED	5523.51	Cleared			No	Coillte Teoranta
CROWNARAD DED	13452.8	Cleared			No	Coillte Teoranta
CROWNARAD DED	47585.65	Conifer forest	Young	Spruce	No	Coillte Teoranta
CROWNARAD DED	45115.02	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CROWNARAD DED	7382.85	Conifer forest	Mature	Pine/Spruce mix	No	Coillte

						Teoranta
CROWNARAD DED	170274.8	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CROWNARAD DED	13409.02	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CROWNARAD DED	9858.12	Conifer forest	Mature	Pine	No	Coillte Teoranta
CROWNARAD DED	6559.49	Cleared			No	Coillte Teoranta
CROWNARAD DED	5006.16	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CROWNARAD DED	16197.42	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CROWNARAD DED	118075.1	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CROWNARAD DED	8302.64					
CROWNARAD DED	16458.47	Conifer forest	Mature	Pine	No	Coillte Teoranta
CROWNARAD DED	26962.65	Planting Grant App	Young	Unknown	Yes	Private
CROWNARAD DED	23510.81	Cleared			No	Coillte Teoranta
CROWNARAD DED	43048.14	Planting Grant App	Young	Unknown	Yes	Private
CROWNARAD DED	1996602	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CROWNARAD DED	11500.61	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CROWNARAD DED	14796	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CROWNARAD DED	13902.3	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta

CROWNARAD DED	5591.47	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
CROWNARAD DED	9003.34	Conifer forest	Mature	Pine	No	Coillte Teoranta
CROWNARAD DED	21600.71	Conifer forest	Mature	Pine	No	Coillte Teoranta
CROWNARAD DED	33979.64	Planting Grant App	Young	Unknown	Yes	Private
CROWNARAD DED	5366.03	Conifer forest	Mature	Spruce	No	Coillte Teoranta
CROWNARAD DED	4318.67	Conifer forest	Young	Spruce	No	Coillte Teoranta
CROWNARAD DED	175616.1	Conifer forest	Young	Spruce	No	Coillte Teoranta
CROWNARAD DED	63686.05	Conifer forest	Young	Spruce	No	Coillte Teoranta
CROWNARAD DED	63444.85	Cleared			No	Coillte Teoranta
CROWNARAD DED	193163.2	Cleared			No	Coillte Teoranta
DONEGAL DED	115388.1	Cleared			No	Coillte Teoranta
DONEGAL DED	19757.53	Conifer forest	Mature	Spruce	No	Coillte Teoranta
DONEGAL DED	65495.73	Conifer forest	Mature	Spruce	No	Coillte Teoranta
DONEGAL DED	79322.87	Conifer forest	Mature	Spruce	No	Coillte Teoranta
DONEGAL DED	9437.68	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
DONEGAL DED	12855.88	Conifer forest	Mature	Spruce	No	Coillte

						Teoranta
DONEGAL DED	29947.71	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
DONEGAL DED	14569.38	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
DONEGAL DED	19624.41	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	56355.05	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	98101.76	Conifer forest	Young	Spruce	No	Coillte Teoranta
DONEGAL DED	10660.56	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	76699.02	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	5344.7	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	8240.88	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	5244.27	Conifer forest	Young	Spruce	No	Coillte Teoranta
DONEGAL DED	34796.91	Conifer forest	Mature	Spruce	No	Coillte Teoranta
DONEGAL DED	17017.16	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	32289.3	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	52792.98	Conifer forest	Young	Spruce	No	Coillte Teoranta
DONEGAL DED	9876.3	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	14697.77	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	7194.28	Conifer forest	Young	Other conifers	No	Private
DONEGAL DED	14918.78	Planting Grant App	Young	Unknown	Yes	Private

DONEGAL DED	27664.02	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	5589.5	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	7293.15	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	5216.25	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	4386.31	Other forest			No	Private
DONEGAL DED	19508.12	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	31473.44	Mixed forest	Mature		No	Coillte Teoranta
DONEGAL DED	2398.17	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	14081	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	8079.13	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	8852.53	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	51741.92	Cleared			No	Coillte Teoranta
DONEGAL DED	51741.92	Cleared			No	Coillte Teoranta
DONEGAL DED	24039.92	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	27715.1	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	18039.09	Mixed forest	Mature		No	Private
DONEGAL DED	5096.33	Mixed forest	Mature		No	Private
DONEGAL DED	2717.3	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	58594.33	Broadleaf forest	Mature	Other Broadleaves	No	Private

DONEGAL DED	10709.82	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	29155.77	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	29155.77	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	20853.31	Cleared			No	Coillte Teoranta
DONEGAL DED	2467.8	Other forest			No	Coillte Teoranta
DONEGAL DED	19956.49	Cleared			No	Coillte Teoranta
DONEGAL DED	26932.54	Conifer forest	Mature	Spruce	No	Coillte Teoranta
DONEGAL DED	7416.74	Mixed forest	Mature		No	Coillte Teoranta
DONEGAL DED	1803.91	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	16836.25	Conifer forest	Young	Other conifers	No	Coillte Teoranta
DONEGAL DED	533308.4	Conifer forest	Young	Spruce	No	Coillte Teoranta
DONEGAL DED	4354.47	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	5968.84	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
DONEGAL DED	12395.7	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	6284.79	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	11773.34	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	7060.47	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	17461.8	Broadleaf forest	Mature	Other	No	Private

				Broadleaves		
DONEGAL DED	14358.24	Mixed forest	Mature		No	Private
DONEGAL DED	52329.86	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
DONEGAL DED	52329.86	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
DONEGAL DED	3608.96	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	5662.72	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	2049.5	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	8662.39	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	7446.15	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	28838.02	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	28838.02	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	18735.59	Conifer forest	Mature	Pine	No	Coillte Teoranta
DONEGAL DED	33602.12	Conifer forest	Mature	Spruce	No	Coillte Teoranta
DONEGAL DED	99499.88	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	28118.31	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	85185.59	Conifer forest	Mature	Spruce	No	Coillte Teoranta
DONEGAL DED	66764.73	Conifer forest	Young	Spruce	No	Coillte Teoranta
DONEGAL DED	50479.93	Broadleaf forest	Mature	Other Broadleaves	No	Private

DONEGAL DED	5192.11	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
DONEGAL DED	25340.12	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	27878.46	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	5421.43	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	4707.67	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	37201.73	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	37201.73	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	5092.2	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	15955.17	Mixed forest	Young		No	Coillte Teoranta
DONEGAL DED	5602.11	Broadleaf forest	Mature	Other Broadleaves	No	Private
DONEGAL DED	6058.35	Cleared			No	Private
DONEGAL DED	25084.36	Conifer forest	Mature	Other conifers	No	Coillte Teoranta
DONEGAL DED	1576.94	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	25094.09	Conifer forest	Young	Other conifers	No	Private
DONEGAL DED	6454.23	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	17517.55	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	4322.34	Cleared			Yes	Coillte Teoranta
DONEGAL DED	14138.28	Planting Grant App	Young	Unknown	Yes	Private
DONEGAL DED	9109.5	Mixed forest	Mature		No	Coillte Teoranta
DOOISH DED	141392.5	Conifer forest	Young	Pine	No	Coillte Teoranta
DUNKINEELY DED	196044.7	Cleared			No	Private

DUNKINEELY DED	8558.07	Conifer forest	Mature	Spruce	No	Coillte Teoranta
DUNKINEELY DED	97266.26	Conifer forest	Young	Spruce	No	Coillte Teoranta
DUNKINEELY DED	50781.75	Broadleaf forest	Mature	Other Broadleaves	No	Private
DUNKINEELY DED	4213.64	Other forest			No	Private
DUNKINEELY DED	30318.83	Broadleaf forest	Mature	Other Broadleaves	No	Private
DUNKINEELY DED	53038.84	Planting Grant App	Young	Unknown	Yes	Private
DUNKINEELY DED	6330.35	Broadleaf forest	Mature	Other Broadleaves	No	Private
DUNKINEELY DED	4153.84	Planting Grant App	Young	Unknown	Yes	Private
DUNKINEELY DED	309.311	Broadleaf forest	Mature	Other Broadleaves	No	Private
DUNKINEELY DED	13093.67	Broadleaf forest	Mature	Other Broadleaves	No	Private
DUNKINEELY DED	27727.13	Broadleaf forest	Mature	Other Broadleaves	No	Private
DUNKINEELY DED	17987.31	Broadleaf forest	Mature	Other Broadleaves	No	Private
DUNKINEELY DED	22328.82	Planting Grant App	Young	Unknown	Yes	Private
DUNKINEELY DED	40453.65	Conifer forest	Mature	Spruce	No	Coillte Teoranta
DUNKINEELY DED	27512.02	Conifer forest	Mature	Pine	No	Coillte Teoranta
DUNKINEELY DED	12253.55	Cleared			No	Coillte Teoranta
DUNKINEELY DED	32492.54	Conifer forest	Mature	Spruce	No	Coillte Teoranta

DUNKINEELY DED	10937.65	Mixed forest	Young		No	Private
DUNKINEELY DED	5902.86	Broadleaf forest	Mature	Other Broadleaves	No	Private
DUNKINEELY DED	18375.09	Broadleaf forest	Mature	Other Broadleaves	No	Private
DUNKINEELY DED	8223.93	Broadleaf forest	Mature	Other Broadleaves	No	Private
DUNKINEELY DED	8223.93	Broadleaf forest	Mature	Other Broadleaves	No	Private
DUNKINEELY DED	20605.55	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
DUNKINEELY DED	64509.83	Conifer forest	Mature	Spruce	No	Coillte Teoranta
DUNKINEELY DED	6920.98	Conifer forest	Mature	Pine	No	Coillte Teoranta
DUNKINEELY DED	5567.55	Broadleaf forest	Mature	Other Broadleaves	No	Private
DUNKINEELY DED	6036.41	Planting Grant App	Young	Unknown	Yes	Private
DUNKINEELY DED	16582.63	Broadleaf forest	Mature	Other Broadleaves	No	Private
EANYMORE DED	33810.2	Conifer forest	Young	Spruce	No	Coillte Teoranta
EANYMORE DED	69968.05	Conifer forest	Young	Spruce	No	Coillte Teoranta
EANYMORE DED	46816.39	Conifer forest	Young	Pine	Yes	Coillte Teoranta
EANYMORE DED	13839.69	Conifer forest	Mature	Pine	No	Coillte Teoranta
EANYMORE DED	106243.2	Planting Grant App	Young	Unknown	Yes	Private
EANYMORE DED	27173.35	Conifer forest	Mature	Spruce	No	Coillte

						Teoranta
EANYMORE DED	32248.76	Conifer forest	Mature	Spruce	No	Coillte Teoranta
EANYMORE DED	29137.69	Conifer forest	Mature	Spruce	No	Coillte Teoranta
EANYMORE DED	69670.38	Conifer forest	Mature	Spruce	No	Coillte Teoranta
EANYMORE DED	69625.83	Conifer forest	Young	Spruce	No	Coillte Teoranta
EANYMORE DED	38271.9	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
EANYMORE DED	174163.5	Cleared			Yes	Coillte Teoranta
EANYMORE DED	20641.17	Cleared			No	Coillte Teoranta
EANYMORE DED	5016.83	Cleared			No	Coillte Teoranta
EANYMORE DED	5120.72	Cleared			No	Coillte Teoranta
EANYMORE DED	16116.49	Conifer forest	Mature	Spruce	No	Coillte Teoranta
EANYMORE DED	30132.9	Planting Grant App	Young	Unknown	Yes	Private
EANYMORE DED	6566.33	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
EANYMORE DED	29586.34	Conifer forest	Mature	Pine	No	Coillte Teoranta
EANYMORE DED	37744.27	Conifer forest	Young	Other conifers	No	Coillte Teoranta
EANYMORE DED	276631.6	Conifer forest	Young	Spruce	No	Coillte Teoranta

EANYMORE DED	61030.49	Cleared			Yes	Coillte Teoranta
EANYMORE DED	13166.49	Broadleaf forest	Mature	Other Broadleaves	No	Private
EANYMORE DED	141065.4	Conifer forest	Mature	Spruce	No	Coillte Teoranta
EANYMORE DED	20984.47	Planting Grant App	Young	Unknown	Yes	Private
EANYMORE DED	10319.04	Conifer forest	Mature	Spruce	No	Coillte Teoranta
EANYMORE DED	10180.92	Planting Grant App	Young	Unknown	Yes	Private
EANYMORE DED	1825.73					
EANYMORE DED	28916.28	Conifer forest	Mature	Spruce	No	Coillte Teoranta
EANYMORE DED	28574.29	Conifer forest	Young	Spruce	No	Coillte Teoranta
EANYMORE DED	26089.75	Conifer forest	Young	Spruce	Yes	Coillte Teoranta
EANYMORE DED	219144.4	Conifer forest	Mature	Spruce	No	Coillte Teoranta
EANYMORE DED	5138.04	Planting Grant App	Young	Unknown	Yes	Private
EANYMORE DED	18625.41	Conifer forest	Young	Spruce	No	Coillte Teoranta
EANYMORE DED	45541.72	Conifer forest	Mature	Pine	No	Coillte Teoranta
EANYMORE DED	22545.54	Conifer forest	Mature	Pine	No	Coillte Teoranta
EANYMORE DED	78690.04	Conifer forest	Mature	Spruce	No	Coillte Teoranta
EANYMORE DED	14388.05	Conifer forest	Mature	Pine	No	Coillte Teoranta

EANYMORE DED	96416.5	Conifer forest	Mature	Spruce	No	Coillte Teoranta
EANYMORE DED	10703.01	Cleared			No	Coillte Teoranta
EANYMORE DED	155796.8	Planting Grant App	Young	Unknown	Yes	Private
EANYMORE DED	25077.87	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
EANYMORE DED	64119.06	Conifer forest	Mature	Spruce	No	Coillte Teoranta
EANYMORE DED	8194.44	Conifer forest	Young	Pine	No	Coillte Teoranta
EANYMORE DED	7249.69	Broadleaf forest	Mature	Other Broadleaves	No	Private
EANYMORE DED	198222.7	Cleared			Yes	Coillte Teoranta
EANYMORE DED	116428.6	Cleared			Yes	Coillte Teoranta
EANYMORE DED	21920.42	Conifer forest	Young	Spruce	No	Coillte Teoranta
EANYMORE DED	63163.4	Cleared			Yes	Coillte Teoranta
EANYMORE DED	65947.36	Conifer forest	Young	Spruce	No	Coillte Teoranta
EANYMORE DED	20512.92	Conifer forest	Mature	Spruce	No	Coillte Teoranta
EANYMORE DED	8017.35	Conifer forest	Young	Pine	Yes	Coillte Teoranta
EANYMORE DED	17790.01	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
EANYMORE DED	18840.64	Conifer forest	Mature	Pine/Spruce mix	No	Coillte

						Teoranta
EANYMORE DED	95053.74	Conifer forest	Mature	Spruce	No	Coillte Teoranta
EANYMORE DED	7583.77	Conifer forest	Young	Spruce	No	Coillte Teoranta
EANYMORE DED	12652.6	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
EANYMORE DED	5889.79	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
EANYMORE DED	10930	Planting Grant App	Young	Unknown	Yes	Private
EANYMORE DED	35512.27	Conifer forest	Mature	Spruce	No	Coillte Teoranta
EANYMORE DED	5008.34	Planting Grant App	Young	Unknown	Yes	Private
EANYMORE DED	30473.77	Conifer forest	Mature	Spruce	No	Coillte Teoranta
EANYMORE DED	5208.67	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
EANYMORE DED	29327.59	Planting Grant App	Young	Unknown	Yes	Private
EANYMORE DED	63780.27	Conifer forest	Mature	Spruce	No	Coillte Teoranta
EANYMORE DED	106122.3	Conifer forest	Young	Pine	No	Coillte Teoranta
EANYMORE DED	6617.33	Conifer forest	Mature	Spruce	No	Coillte Teoranta
EANYMORE DED	59375.83	Conifer forest	Mature	Spruce	No	Coillte Teoranta
EANYMORE DED	12120.43	Conifer forest	Mature	Spruce	No	Coillte Teoranta
EANYMORE DED	5837.24	Conifer forest	Young	Spruce	No	Coillte Teoranta

GLENCOLUMBKILLE DED	119524.5	Planting Grant App	Young	Unknown	Yes	Private
GLENCOLUMBKILLE DED	41579.94	Planting Grant App	Young	Unknown	Yes	Private
GLENCOLUMBKILLE DED	750538.1	Planting Grant App	Young	Unknown	Yes	Private
GLENCOLUMBKILLE DED	81785.07	Conifer forest	Young	Spruce	No	Coillte Teoranta
GLENCOLUMBKILLE DED	34553.57	Planting Grant App	Young	Unknown	Yes	Private
GLENCOLUMBKILLE DED	9918.89	Planting Grant App	Young	Unknown	Yes	Private
GLENCOLUMBKILLE DED	246820	Planting Grant App	Young	Unknown	Yes	Private
GLENCOLUMBKILLE DED	33782.15	Conifer forest	Young	Pine	No	Coillte Teoranta
GLENCOLUMBKILLE DED	12318.94	Planting Grant App	Young	Unknown	Yes	Private
GLENCOLUMBKILLE DED	13207.75	Planting Grant App	Young	Unknown	Yes	Private
GLENCOLUMBKILLE DED	897.202	Planting Grant App	Young	Unknown	Yes	Private
GLENCOLUMBKILLE DED	6475.88	Planting Grant App	Young	Unknown	Yes	Private
GLENCOLUMBKILLE DED	3827.73					
GLENCOLUMBKILLE DED	1303.67	Planting Grant App	Young	Unknown	Yes	Private
GLENGESH DED	332084.8	Conifer forest	Young	Spruce	No	Coillte Teoranta
GLENGESH DED	5562	Cleared			No	Coillte Teoranta
GLENGESH DED	11252.61	Cleared			No	Coillte Teoranta
GLENGESH DED	25856.19	Conifer forest	Young	Pine	No	Coillte Teoranta
GLENGESH DED	114318.5	Cleared			Yes	Coillte Teoranta
GLENGESH DED	19956.87					
GLENGESH DED	37927.15	Conifer forest	Young	Spruce	No	Coillte Teoranta
GLENGESH DED	10151.53					

GLENGESH DED	78264.42	Conifer forest	Young	Spruce	No	Coillte Teoranta
GLENGESH DED	39854.74	Conifer forest	Mature	Pine	No	Coillte Teoranta
GLENGESH DED	13548.32	Conifer forest	Mature	Spruce	No	Coillte Teoranta
GLENGESH DED	11027.04	Conifer forest	Mature	Spruce	No	Coillte Teoranta
GLENGESH DED	260592.1	Conifer forest	Young	Spruce	No	Coillte Teoranta
GLENGESH DED	88903.73	Conifer forest	Mature	Spruce	No	Coillte Teoranta
GLENGESH DED	22011.86	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
GLENGESH DED	122016.6	Planting Grant App	Young	Unknown	Yes	Private
GLENGESH DED	12100	Conifer forest	Young	Spruce	No	Coillte Teoranta
GLENGESH DED	40913.47	Conifer forest	Young	Spruce	No	Coillte Teoranta
GLENGESH DED	30920.01	Conifer forest	Mature	Pine	No	Coillte Teoranta
GLENGESH DED	116.828					
GLENGESH DED	913.176					
GLENGESH DED	49289.45	Conifer forest	Young	Spruce	No	Coillte Teoranta
GLENGESH DED	193892.8	Planting Grant App	Young	Unknown	Yes	Private
GLENGESH DED	76802.42	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
GLENGESH DED	25471.88	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta

GLENGESH DED	166871.7	Conifer forest	Mature	Spruce	No	Coillte Teoranta
GLENGESH DED	63728.07	Cleared			No	Coillte Teoranta
GLENGESH DED	198490.6	Conifer forest	Mature	Spruce	No	Coillte Teoranta
GLENGESH DED	10516.32					
GLENGESH DED	663898.7	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
GOLAND DED	243908.8	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
GOLAND DED	53143.2	Conifer forest	Mature	Pine	No	Coillte Teoranta
GOLAND DED	79301.84	Conifer forest	Mature	Pine/Spruce mix	Yes	Coillte Teoranta
GOLAND DED	60428.59	Conifer forest	Young	Spruce	No	Coillte Teoranta
GROUSEHALL DED	409008.4	Planting Grant App	Young	Unknown	Yes	Private
GROUSEHALL DED	63375.29	Conifer forest	Young	Pine	No	Coillte Teoranta
GROUSEHALL DED	125127.3	Planting Grant App	Young	Unknown	Yes	Private
GROUSEHALL DED	106230.1	Conifer forest	Young	Spruce	No	Coillte Teoranta
GROUSEHALL DED	57553.51	Conifer forest	Mature	Spruce	No	Coillte Teoranta
GROUSEHALL DED	10928.05	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
GROUSEHALL DED	110538.9	Conifer forest	Young	Other conifers	No	Coillte Teoranta
GROUSEHALL DED	23939.53	Conifer forest	Young	Other conifers	No	Coillte

						Teoranta
GROUSEHALL DED	20372.63	Cleared			No	Coillte Teoranta
GROUSEHALL DED	77192.15	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
GROUSEHALL DED	13097.63	Cleared			No	Private
GROUSEHALL DED	4131.82	Other forest			No	Private
GROUSEHALL DED	6299.62	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
GROUSEHALL DED	160254.5	Planting Grant App	Young	Unknown	Yes	Private
GROUSEHALL DED	350558.9	Conifer forest	Young	Pine	No	Coillte Teoranta
GROUSEHALL DED	243528.1	Cleared			Yes	Coillte Teoranta
GROUSEHALL DED	5377.29	Conifer forest	Young	Pine	No	Coillte Teoranta
GROUSEHALL DED	6887.76	Cleared			No	Coillte Teoranta
GROUSEHALL DED	80370.44	Conifer forest	Young	Spruce	No	Coillte Teoranta
GROUSEHALL DED	295405.2	Cleared			Yes	Coillte Teoranta
GROUSEHALL DED	4518.1	Broadleaf forest	Mature	Other Broadleaves	No	Private
GROUSEHALL DED	28061.84					
GROUSEHALL DED	57788.64	Planting Grant App	Young	Unknown	Yes	Private
GROUSEHALL DED	169358.8	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
GROUSEHALL DED	26969.62	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta

GROUSEHALL DED	471531.1	Conifer forest	Young	Other conifers	Yes	Coillte Teoranta
GROUSEHALL DED	80816.05	Conifer forest	Mature	Spruce	No	Coillte Teoranta
GROUSEHALL DED	149672.9	Planting Grant App	Young	Unknown	Yes	Private
GROUSEHALL DED	5115.13	Conifer forest	Young	Pine	No	Coillte Teoranta
GROUSEHALL DED	179152.5	Conifer forest	Young	Spruce	No	Coillte Teoranta
GROUSEHALL DED	446027.7	Cleared			Yes	Coillte Teoranta
HAUGH DED	3383.99	Conifer forest	Mature	Spruce	No	Coillte Teoranta
HAUGH DED	78193.44	Cleared			Yes	Coillte Teoranta
HAUGH DED	18059.92	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
HAUGH DED	26568.15	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
HAUGH DED	36115.79	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
HAUGH DED	5774.28	Cleared			No	Coillte Teoranta
HAUGH DED	1042.37	Conifer forest	Mature	Spruce	No	Coillte Teoranta
HAUGH DED	71006.51	Conifer forest	Young	Spruce	No	Coillte Teoranta
HAUGH DED	92855.83	Conifer forest	Young	Spruce	No	Coillte Teoranta
HAUGH DED	578794	Conifer forest	Young	Spruce	No	Coillte

						Teoranta
HAUGH DED	5831.14	Conifer forest	Young	Spruce	Yes	Coillte Teoranta
HAUGH DED	1399.07	Conifer forest	Mature	Spruce	No	Coillte Teoranta
HAUGH DED	351.716	Conifer forest	Young	Spruce	No	Coillte Teoranta
HAUGH DED	157768.1	Conifer forest	Mature	Spruce	No	Coillte Teoranta
HAUGH DED	87151.33	Conifer forest	Young	Other conifers	No	Coillte Teoranta
HAUGH DED	7533.78	Mixed forest	Mature		No	Private
HAUGH DED	31599.64	Conifer forest	Mature	Spruce	No	Coillte Teoranta
HAUGH DED	5515.47					
HAUGH DED	2480.51	Other forest			No	Coillte Teoranta
HAUGH DED	74976.11	Conifer forest	Young	Pine	No	Coillte Teoranta
HAUGH DED	118240.5	Conifer forest	Young	Spruce	No	Coillte Teoranta
HAUGH DED	54227.27	Conifer forest	Mature	Pine	No	Coillte Teoranta
HAUGH DED	13062.12	Conifer forest	Young	Pine	No	Coillte Teoranta
HAUGH DED	28922.24	Conifer forest	Mature	Pine	No	Coillte Teoranta
HAUGH DED	13935	Conifer forest	Young	Pine	No	Coillte Teoranta
HAUGH DED	19126.9	Conifer forest	Young	Pine	No	Coillte

						Teoranta
HAUGH DED	154697.6	Cleared			No	Coillte Teoranta
HAUGH DED	83939.85	Conifer forest	Young	Spruce	No	Coillte Teoranta
HAUGH DED	37709.71	Broadleaf forest	Mature	Other Broadleaves	No	Private
HAUGH DED	96218.73	Conifer forest	Young	Spruce	No	Coillte Teoranta
HAUGH DED	19126.63	Conifer forest	Mature	Spruce	No	Coillte Teoranta
HAUGH DED	3210.75	Conifer forest	Mature	Spruce	No	Coillte Teoranta
HAUGH DED	44951.36	Conifer forest	Mature	Pine	No	Coillte Teoranta
HAUGH DED	152853	Cleared			No	Coillte Teoranta
HAUGH DED	14330.46					
HAUGH DED	29998.42	Conifer forest	Mature	Spruce	No	Coillte Teoranta
HAUGH DED	131409.8	Conifer forest	Mature	Spruce	No	Coillte Teoranta
HAUGH DED	9673.36	Conifer forest	Mature	Spruce	No	Coillte Teoranta
HAUGH DED	52499.53	Conifer forest	Mature	Spruce	No	Coillte Teoranta
HAUGH DED	12141.05	Conifer forest	Young	Spruce	No	Coillte Teoranta
HAUGH DED	14911.34	Cleared			No	Coillte Teoranta

HAUGH DED	312289	Conifer forest	Young	Spruce	Yes	Coillte Teoranta
HAUGH DED	45266.93	Conifer forest	Young	Spruce	No	Coillte Teoranta
HAUGH DED	13754.28	Conifer forest	Mature	Spruce	No	Coillte Teoranta
HAUGH DED	180127.5	Conifer forest	Mature	Spruce	No	Coillte Teoranta
HAUGH DED	259.515	Conifer forest	Young	Spruce	No	Coillte Teoranta
INISKEEL DED	253228.1	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	268564.8	Conifer forest	Young	Spruce	No	Coillte Teoranta
INISKEEL DED	596117.7	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	277133.9	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	201322.1	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	94189.37	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	104787.7	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	3646.97					
INISKEEL DED	66620.06	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	103771.9	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	93696.87	Cleared			No	Coillte Teoranta
INISKEEL DED	167422	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	16564.72	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	31884.67	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	154839.8	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	175803.7	Cleared			No	Coillte Teoranta
INISKEEL DED	167772	Conifer forest	Young	Spruce	No	Coillte

						Teoranta
INISKEEL DED	19741.17	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	26548.98	Conifer forest	Young	Pine	No	Coillte Teoranta
INISKEEL DED	73044.29	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	167264.6	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	22953.12	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	2528.99					
INISKEEL DED	426216.6	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	347312.7	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	33782.55	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	218704.7	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	12679.47	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	25319.16	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	140388.3	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	346181.7	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	5790.69					
INISKEEL DED	19420.01	Conifer forest	Young	Pine	No	Coillte Teoranta
INISKEEL DED	19178.63					
INISKEEL DED	23166.02	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	115851.6	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	133586.6	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	11381.4					
INISKEEL DED	82005.73	Conifer forest	Young	Spruce	Yes	Coillte Teoranta
INISKEEL DED	323730.5	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	10213.92	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	59475.44	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	1732.76	Planting Grant App	Young	Unknown	Yes	Private

INISKEEL DED	740179.7	Conifer forest	Young	Spruce	No	Coillte Teoranta
INISKEEL DED	252640.7	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	163558.8	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	110387	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	6528					
INISKEEL DED	17802.04	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	3506.51					
INISKEEL DED	2118.09	Planting Grant App	Young	Unknown	Yes	Private
INISKEEL DED	1634.69	Planting Grant App	Young	Unknown	Yes	Private
INVER DED	10757.99	Broadleaf forest	Mature	Other Broadleaves	No	Private
INVER DED	353140.2	Conifer forest	Young	Spruce	No	Coillte Teoranta
INVER DED	5077.01	Cleared			No	Private
INVER DED	58655.78	Conifer forest	Young	Spruce	No	Coillte Teoranta
INVER DED	77937.58	Conifer forest	Young	Spruce	No	Coillte Teoranta
INVER DED	12130.48	Conifer forest	Mature	Spruce	No	Coillte Teoranta
INVER DED	53495.26	Conifer forest	Mature	Spruce	No	Coillte Teoranta
INVER DED	62012.05	Cleared			No	Coillte Teoranta
INVER DED	22675.41	Conifer forest	Mature	Spruce	No	Coillte Teoranta
INVER DED	43342.01	Conifer forest	Mature	Spruce	No	Coillte Teoranta
INVER DED	31482.68	Conifer forest	Mature	Pine	No	Coillte

						Teoranta
INVER DED	16245.67	Mixed forest	Mature		No	Private
INVER DED	131425.8	Conifer forest	Mature	Spruce	No	Coillte Teoranta
INVER DED	13861.21	Conifer forest	Mature	Spruce	No	Coillte Teoranta
INVER DED	38349.91	Cleared			No	Coillte Teoranta
INVER DED	13096.74	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
INVER DED	5109.12	Broadleaf forest	Mature	Other Broadleaves	No	Private
INVER DED	49372.46	Conifer forest	Young	Spruce	No	Coillte Teoranta
INVER DED	40197.87	Broadleaf forest	Mature	Other Broadleaves	No	Private
INVER DED	6963.36	Cleared			No	Coillte Teoranta
INVER DED	3259.02	Conifer forest	Mature	Spruce	No	Coillte Teoranta
INVER DED	11154.31	Cleared			No	Coillte Teoranta
INVER DED	3195.46	Mixed forest	Young		No	Coillte Teoranta
INVER DED	16745.92	Conifer forest	Young	Spruce	No	Coillte Teoranta
INVER DED	2726.62	Mixed forest	Mature		No	Private
INVER DED	495199.3	Conifer forest	Young	Spruce	No	Coillte Teoranta
INVER DED	14292.93	Mixed forest	Mature		No	Private

INVER DED	20336.32	Broadleaf forest	Mature	Other Broadleaves	No	Private
INVER DED	16017.77	Conifer forest	Mature	Spruce	No	Coillte Teoranta
INVER DED	2419.15	Planting Grant App	Young	Unknown	Yes	Private
INVER DED	10966.46	Broadleaf forest	Mature	Other Broadleaves	No	Private
INVER DED	61424.13	Conifer forest	Mature	Spruce	No	Coillte Teoranta
INVER DED	2830.42	Mixed forest	Young		No	Coillte Teoranta
INVER DED	7215.09	Mixed forest	Young		No	Coillte Teoranta
INVER DED	1401.55	Mixed forest	Young		No	Coillte Teoranta
INVER DED	11170.69	Mixed forest	Young		No	Coillte Teoranta
INVER DED	7194.56	Broadleaf forest	Mature	Other Broadleaves	No	Private
INVER DED	11960.71	Broadleaf forest	Mature	Other Broadleaves	No	Private
INVER DED	41408.78	Conifer forest	Young	Spruce	No	Coillte Teoranta
INVER DED	5653.79	Conifer forest	Mature	Spruce	No	Coillte Teoranta
INVER DED	6195.72	Broadleaf forest	Mature	Other Broadleaves	No	Private
INVER DED	9115.23	Broadleaf forest	Mature	Other Broadleaves	No	Private
INVER DED	49422.33	Conifer forest	Mature	Spruce	No	Coillte

						Teoranta
INVER DED	1603.92	Broadleaf forest	Mature	Other Broadleaves	No	Private
INVER DED	10510.78	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
INVER DED	239224.5	Planting Grant App	Young	Unknown	Yes	Private
INVER DED	36483.39	Conifer forest	Mature	Spruce	No	Coillte Teoranta
INVER DED	16176.05	Mixed forest	Mature		No	Private
INVER DED	54968.63	Conifer forest	Mature	Pine	No	Coillte Teoranta
INVER DED	109293.9	Conifer forest	Mature	Spruce	No	Coillte Teoranta
INVER DED	8517.14	Cleared			No	Coillte Teoranta
INVER DED	102629.8	Conifer forest	Young	Spruce	Yes	Coillte Teoranta
INVER DED	6172.51	Conifer forest	Mature	Pine	No	Coillte Teoranta
INVER DED	5899.67	Conifer forest	Young	Spruce	No	Coillte Teoranta
INVER DED	29924.01	Broadleaf forest	Mature	Other Broadleaves	No	Private
INVER DED	40227.67	Conifer forest	Mature	Spruce	No	Coillte Teoranta
INVER DED	14364.27	Cleared			No	Coillte Teoranta
INVER DED	7743.14	Cleared			No	Coillte Teoranta
INVER DED	164905.7	Conifer forest	Mature	Spruce	No	Coillte

						Teoranta
INVER DED	87187.4	Cleared			Yes	Coillte Teoranta
INVER DED	6904.44	Conifer forest	Mature	Other conifers	No	Coillte Teoranta
INVER DED	43429.69	Mixed forest	Mature		No	Coillte Teoranta
INVER DED	17822.92	Conifer forest	Mature	Spruce	No	Coillte Teoranta
INVER DED	8574.99	Broadleaf forest	Mature	Other Broadleaves	No	Private
INVER DED	22509.33	Mixed forest	Young		No	Coillte Teoranta
INVER DED	23642.73	Mixed forest	Young		No	Coillte Teoranta
INVER DED	9614.23	Broadleaf forest	Mature	Other Broadleaves	No	Private
INVER DED	30556.42	Conifer forest	Mature	Spruce	No	Coillte Teoranta
INVER DED	16076.06	Broadleaf forest	Mature	Other Broadleaves	No	Private
INVER DED	38439.72	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
INVER DED	410.56	Mixed forest	Mature		No	Coillte Teoranta
INVER DED	5158.39	Broadleaf forest	Mature	Other Broadleaves	No	Private
INVER DED	4399.23	Broadleaf forest	Mature	Other Broadleaves	No	Private
INVER DED	49180.75	Planting Grant App	Young	Unknown	Yes	Private

INVER DED	41293.46	Cleared			Yes	Coillte Teoranta
INVER DED	27925.72	Cleared			No	Coillte Teoranta
INVER DED	4177.19	Conifer forest	Young	Spruce	Yes	Coillte Teoranta
INVER DED	260875.5	Conifer forest	Mature	Spruce	No	Coillte Teoranta
INVER DED	17217.74	Conifer forest	Young	Spruce	Yes	Coillte Teoranta
INVER DED	31170.42	Cleared			No	Coillte Teoranta
INVER DED	41596.15	Mixed forest	Mature		No	Coillte Teoranta
INVER DED	6120.49	Mixed forest	Young		No	Coillte Teoranta
INVER DED	15542.55	Mixed forest	Mature		No	Coillte Teoranta
INVER DED	2987.31	Conifer forest	Young	Spruce	No	Coillte Teoranta
INVER DED	9210.24	Mixed forest	Mature		No	Coillte Teoranta
INVER DED	10727.25	Mixed forest	Mature		No	Private
INVER DED	534.733	Mixed forest	Young		No	Private
INVER DED	54712.68	Conifer forest	Young	Spruce	No	Coillte Teoranta
INVER DED	931.847	Conifer forest	Young	Spruce	No	Coillte Teoranta
INVER DED	13982.31	Broadleaf forest	Mature	Other Broadleaves	No	Private

INVER DED	5851.03	Mixed forest	Young		No	Private
INVER DED	10663.56	Mixed forest	Mature		No	Coillte Teoranta
INVER DED	215201.1	Conifer forest	Young	Spruce	Yes	Coillte Teoranta
INVER DED	43838.76	Cleared			No	Coillte Teoranta
INVER DED	21721.51	Cleared			Yes	Coillte Teoranta
INVER DED	18730.66	Cleared			No	Coillte Teoranta
INVER DED	7189.52	Conifer forest	Mature	Spruce	No	Coillte Teoranta
INVER DED	24776.38	Mixed forest	Young		Yes	Coillte Teoranta
INVER DED	159780	Conifer forest	Young	Spruce	Yes	Coillte Teoranta
INVER DED	24442.1	Mixed forest	Young		No	Coillte Teoranta
INVER DED	6223.02	Mixed forest	Young		No	Coillte Teoranta
INVER DED	60902.81					
INVER DED	7463.8	Conifer forest	Young	Other conifers	No	Coillte Teoranta
INVER DED	275796.8	Conifer forest	Young	Spruce	No	Coillte Teoranta
INVER DED	107726.3	Conifer forest	Young	Spruce	No	Coillte Teoranta
INVER DED	28399.88	Conifer forest	Mature	Spruce	No	Coillte Teoranta

INVER DED	6597.82	Mixed forest	Mature		No	Coillte Teoranta
INVER DED	21855.21	Conifer forest	Mature	Spruce	No	Coillte Teoranta
KILCAR DED	34919.92	Planting Grant App	Young	Unknown	Yes	Private
KILCAR DED	56015.34	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILCAR DED	56015.34	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	267939.8	Planting Grant App	Young	Unknown	Yes	Private
KILLYBEGS DED	14515.7	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	2641.18	Other forest			No	Private
KILLYBEGS DED	2365.33	Other forest			No	Private
KILLYBEGS DED	22414.62	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	15651.67	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	26129.31	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	2833.28	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	28447.57	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	2650.25	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	14985.01	Broadleaf forest	Young	Other Broadleaves	No	Private
KILLYBEGS DED	24209.46	Broadleaf forest	Mature	Other Broadleaves	No	Private

KILLYBEGS DED	7682.87	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	5401.23	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	60619.82	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	16337.21	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	6218.12	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	16774.76	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	17081.09	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	14489.45	Planting Grant App	Young	Unknown	Yes	Private
KILLYBEGS DED	2824.36	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	100596.4	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	11189.45	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	3898.34	Other forest			No	Private
KILLYBEGS DED	6225.79	Mixed forest	Mature		No	Private
KILLYBEGS DED	5055.77	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	6913.61	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	2705.1	Planting Grant App	Young	Unknown	Yes	Private
KILLYBEGS DED	5876	Planting Grant App	Young	Unknown	Yes	Private
KILLYBEGS DED	10973.34	Planting Grant App	Young	Unknown	Yes	Private

KILLYBEGS DED	48324.43	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	348864.8	Conifer forest	Mature	Spruce	No	Coillte Teoranta
KILLYBEGS DED	40065.73	Planting Grant App	Young	Unknown	Yes	Private
KILLYBEGS DED	14021.42	Mixed forest	Mature		No	Private
KILLYBEGS DED	14021.42	Mixed forest	Mature		No	Private
KILLYBEGS DED	3020.7	Planting Grant App	Young	Unknown	Yes	Private
KILLYBEGS DED	6695.19	Planting Grant App	Young	Unknown	Yes	Private
KILLYBEGS DED	1927.03	Planting Grant App	Young	Unknown	Yes	Private
KILLYBEGS DED	1465.79	Planting Grant App	Young	Unknown	Yes	Private
KILLYBEGS DED	1178.66	Planting Grant App	Young	Unknown	Yes	Private
KILLYBEGS DED	7872.79	Planting Grant App	Young	Unknown	Yes	Private
KILLYBEGS DED	18095.58	Conifer forest	Mature	Spruce	No	Private
KILLYBEGS DED	13033.99	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	1287.32	Other forest			No	Private
KILLYBEGS DED	30617.02	Planting Grant App	Young	Unknown	Yes	Private
KILLYBEGS DED	2402.35	Other forest			No	Private
KILLYBEGS DED	8976.25	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	72422.39	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	52797.16	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	2914.5	Other forest			No	Private
KILLYBEGS DED	2561.91	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	792.51	Broadleaf forest	Mature	Other Broadleaves	No	Private

KILLYBEGS DED	33225.13	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	24882.68	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	15906.53	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	27015.37	Planting Grant App	Young	Unknown	Yes	Private
KILLYBEGS DED	43284.33	Cleared			No	Coillte Teoranta
KILLYBEGS DED	2960.32	Planting Grant App	Young	Unknown	Yes	Private
KILLYBEGS DED	10443.03	Conifer forest	Mature	Other conifers	No	Coillte Teoranta
KILLYBEGS DED	14729.08	Cleared			No	Coillte Teoranta
KILLYBEGS DED	11657.59	Planting Grant App	Young	Unknown	Yes	Private
KILLYBEGS DED	6951.47	Cleared			No	Coillte Teoranta
KILLYBEGS DED	7326.59	Conifer forest	Mature	Other conifers	No	Coillte Teoranta
KILLYBEGS DED	11157.6	Conifer forest	Mature	Pine	No	Coillte Teoranta
KILLYBEGS DED	11846.91	Mixed forest	Mature		No	Coillte Teoranta
KILLYBEGS DED	12460.09	Cleared			No	Coillte Teoranta
KILLYBEGS DED	20082.01	Conifer forest	Mature	Pine	No	Coillte Teoranta
KILLYBEGS DED	84273.46	Mixed forest	Mature		No	Private
KILLYBEGS DED	5512.92	Conifer forest	Mature	Pine	No	Coillte Teoranta

KILLYBEGS DED	15202.35	Broadleaf forest	Young	Other Broadleaves	No	Private
KILLYBEGS DED	89401.04	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	4165.21	Broadleaf forest	Mature	Other Broadleaves	No	Private
KILLYBEGS DED	29022.34	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
KILLYBEGS DED	3842.24	Planting Grant App	Young	Unknown	Yes	Private
KILLYBEGS DED	17175.31	Mixed forest	Mature		No	Coillte Teoranta
KILLYBEGS DED	6496.72	Conifer forest	Mature	Pine	No	Coillte Teoranta
KILLYBEGS DED	12226.35	Mixed forest	Mature		No	Coillte Teoranta
KILLYBEGS DED	1320.32	Conifer forest	Mature	Spruce	No	Coillte Teoranta
KILLYBEGS DED	23324.48	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
KILLYBEGS DED	189856.4	Conifer forest	Mature	Spruce	No	Coillte Teoranta
KILLYBEGS DED	16863.62	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
KILLYBEGS DED	15914.13	Conifer forest	Mature	Other conifers	No	Coillte Teoranta
KILLYBEGS DED	28522.96	Cleared			No	Coillte Teoranta
LAGHY DED	65691.65	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	105261.6	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	75876.41	Planting Grant App	Young	Unknown	Yes	Private

LAGHY DED	73501.23	Conifer forest	Young	Larch	No	Coillte Teoranta
LAGHY DED	4965.07	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	22105.1	Mixed forest	Mature		No	Private
LAGHY DED	15732.4	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	27090.38	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	7218.29	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	95451.51	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	7248.08	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	48132.43	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	26720.11	Cleared			No	Coillte Teoranta
LAGHY DED	14432.8	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	3792.4	Other forest			No	Private
LAGHY DED	17316.79	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	48078.21	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	18631.09	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	19424.37	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	2674.8	Other forest			No	Private
LAGHY DED	5684.62	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	3452.1	Other forest			No	Private
LAGHY DED	6356.87	Conifer forest	Young	Spruce	No	Coillte

						Teoranta
LAGHY DED	10769.87	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	13430.27	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	5487.36	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	245981.4	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	3615.14	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	11638.23	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	4080.68	Other forest			No	Private
LAGHY DED	29678.93	Conifer forest	Young	Pine	No	Coillte Teoranta
LAGHY DED	13299.66	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
LAGHY DED	5547.47	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	8577.4	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	6246.46	Conifer forest	Young	Spruce	No	Coillte Teoranta
LAGHY DED	5826.16					
LAGHY DED	18062.23	Conifer forest	Young	Pine	No	Coillte Teoranta
LAGHY DED	16884.68	Conifer forest	Young	Spruce	No	Coillte Teoranta
LAGHY DED	12245.95	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
LAGHY DED	15627.16	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	11591.44	Broadleaf forest	Mature	Other	No	Private

				Broadleaves		
LAGHY DED	12325.48	Mixed forest	Young		No	Coillte Teoranta
LAGHY DED	7238.23	Conifer forest	Young	Pine	No	Coillte Teoranta
LAGHY DED	4435.84	Conifer forest	Young	Spruce	No	Coillte Teoranta
LAGHY DED	23666.68	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	8634.72	Conifer forest	Young	Pine	No	Coillte Teoranta
LAGHY DED	38739.75	Conifer forest	Young	Spruce	No	Coillte Teoranta
LAGHY DED	109094.5	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	47913.24	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	14324.83	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	60914.1	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	12564.53	Conifer forest	Young	Spruce	No	Coillte Teoranta
LAGHY DED	3807.58	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	94488.66	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	128102.5	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	4980.72	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	13290.1	Mixed forest	Mature		No	Private
LAGHY DED	2764.8	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	5263.03	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	61813.66	Conifer forest	Young	Spruce	No	Coillte Teoranta

LAGHY DED	34792.94	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	899.359	Other forest			No	Private
LAGHY DED	46756.05	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	88421.75	Conifer forest	Young	Pine	No	Coillte Teoranta
LAGHY DED	153289.3	Conifer forest	Young	Pine	No	Coillte Teoranta
LAGHY DED	5230.83	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	133735.6	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	133735.6	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	11940.42	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	9068.82	Conifer forest	Young	Pine	No	Coillte Teoranta
LAGHY DED	25608.07	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
LAGHY DED	156527.9	Conifer forest	Young	Spruce	No	Coillte Teoranta
LAGHY DED	5243.06	Conifer forest	Young	Spruce	No	Coillte Teoranta
LAGHY DED	1786.7	Conifer forest	Young	Spruce	No	Coillte Teoranta
LAGHY DED	107194.8	Conifer forest	Young	Pine	No	Coillte Teoranta
LAGHY DED	36095.99	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	3651.87	Planting Grant App	Young	Unknown	Yes	Private

LAGHY DED	35093.21	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	57048.96	Conifer forest	Young	Spruce	No	Coillte Teoranta
LAGHY DED	16287.48	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	1728.71	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	8300.7	Conifer forest	Young	Other conifers	No	Coillte Teoranta
LAGHY DED	17904.42	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	16313.34	Conifer forest	Young	Other conifers	No	Coillte Teoranta
LAGHY DED	10764.79	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	3323.36	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	31004.26	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	3622.9	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	66445.04	Conifer forest	Young	Spruce	No	Coillte Teoranta
LAGHY DED	6157.5	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
LAGHY DED	5721.43	Conifer forest	Young	Spruce	No	Coillte Teoranta
LAGHY DED	18650.3	Conifer forest	Young	Pine	No	Coillte Teoranta
LAGHY DED	7552.57	Conifer forest	Young	Spruce	No	Coillte Teoranta
LAGHY DED	32145.13	Conifer forest	Young	Pine	No	Coillte Teoranta
LAGHY DED	33997.11	Conifer forest	Young	Pine	No	Coillte

						Teoranta
LAGHY DED	24165.24	Conifer forest	Young	Pine	No	Coillte Teoranta
LAGHY DED	45079.99	Conifer forest	Young	Pine	No	Coillte Teoranta
LAGHY DED	5355.07	Mixed forest	Young		No	Coillte Teoranta
LAGHY DED	726711.7	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	56840	Conifer forest	Young	Spruce	No	Coillte Teoranta
LAGHY DED	19582.08	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	705.745					
LAGHY DED	3263.14	Broadleaf forest	Mature	Other Broadleaves	No	Private
LAGHY DED	7215.27	Planting Grant App	Young	Unknown	Yes	Private
LAGHY DED	41911.28	Conifer forest	Young	Spruce	No	Coillte Teoranta
LAGHY DED	72845.82	Conifer forest	Young	Spruce	No	Coillte Teoranta
LAGHY DED	69485.95	Conifer forest	Young	Pine	No	Coillte Teoranta
LAGHY DED	39056.92	Conifer forest	Young	Spruce	No	Coillte Teoranta
LAGHY DED	23149.23	Conifer forest	Young	Spruce	No	Coillte Teoranta
LAGHY DED	12617.86					
LARGYMORE DED	3989.53	Cleared			No	Coillte Teoranta
LARGYMORE DED	23216.31	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta

LARGYMORE DED	132327.1	Planting Grant App	Young	Unknown	Yes	Private
LARGYMORE DED	49149.54	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
LARGYMORE DED	8672.62	Conifer forest	Young	Spruce	No	Coillte Teoranta
LARGYMORE DED	14672.4	Cleared			Yes	Coillte Teoranta
LARGYMORE DED	29499.66	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
LARGYMORE DED	11932.72	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
LARGYMORE DED	28119.49	Conifer forest	Mature	Pine	No	Coillte Teoranta
LARGYMORE DED	8531.11	Conifer forest	Mature	Spruce	No	Coillte Teoranta
LARGYMORE DED	20628.44					
LARGYMORE DED	165463.2	Cleared			No	Coillte Teoranta
LARGYMORE DED	100500	Conifer forest	Mature	Spruce	No	Coillte Teoranta
LARGYMORE DED	167910.4	Conifer forest	Mature	Spruce	No	Coillte Teoranta
LARGYMORE DED	15575.08	Conifer forest	Mature	Spruce	No	Coillte Teoranta
LARGYMORE DED	17251.22	Conifer forest	Mature	Pine	No	Coillte Teoranta
LARGYMORE DED	24369.41	Cleared			Yes	Coillte Teoranta
LARGYMORE DED	31779.52	Conifer forest	Mature	Pine	No	Coillte Teoranta

LARGYMORE DED	48428.19	Conifer forest	Mature	Spruce	No	Coillte Teoranta
LOUGH EASK DED	24945.78	Conifer forest	Mature	Other conifers	No	Coillte Teoranta
LOUGH EASK DED	18861.95	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
LOUGH EASK DED	130856.5	Conifer forest	Mature	Spruce	No	Coillte Teoranta
LOUGH EASK DED	65412.51	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
LOUGH EASK DED	9172.49	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
LOUGH EASK DED	18217.81	Conifer forest	Mature	Spruce	No	Coillte Teoranta
LOUGH EASK DED	26516.76	Conifer forest	Young	Larch	No	Coillte Teoranta
LOUGH EASK DED	8682.48	Conifer forest	Young	Pine	No	Coillte Teoranta
LOUGH EASK DED	7513.86					
LOUGH EASK DED	81546.77	Conifer forest	Mature	Spruce	No	Coillte Teoranta
LOUGH EASK DED	5394.5	Conifer forest	Young	Pine	No	Coillte Teoranta
LOUGH EASK DED	102041.1	Broadleaf forest	Young	Other Broadleaves	No	Coillte Teoranta
LOUGH EASK DED	8220.94	Conifer forest	Young	Spruce	No	Coillte Teoranta
LOUGH EASK DED	27936.9	Conifer forest	Mature	Spruce	No	Coillte Teoranta
LOUGH EASK DED	18423.55	Conifer forest	Mature	Larch	No	Coillte

						Teoranta
LOUGH EASK DED	41120.8	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
LOUGH EASK DED	38986.39	Conifer forest	Mature	Pine	No	Coillte Teoranta
LOUGH EASK DED	5718.05	Mixed forest	Mature		No	Private
LOUGH EASK DED	130533.8	Conifer forest	Mature	Spruce	No	Private
LOUGH EASK DED	16096.75	Broadleaf forest	Young	Other Broadleaves	No	Private
LOUGH EASK DED	73604.51	Conifer forest	Mature	Spruce	No	Coillte Teoranta
LOUGH EASK DED	49020.88	Broadleaf forest	Mature	Other Broadleaves	No	Private
LOUGH EASK DED	11892.35	Conifer forest	Mature	Other conifers	No	Coillte Teoranta
LOUGH EASK DED	4236.97	Other forest			No	Private
LOUGH EASK DED	5494.32	Broadleaf forest	Mature	Other Broadleaves	No	Private
LOUGH EASK DED	24279.74	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
LOUGH EASK DED	43439.49	Conifer forest	Mature	Spruce	No	Private
LOUGH EASK DED	11113.4	Conifer forest	Mature	Spruce	No	Coillte Teoranta
LOUGH EASK DED	8383.81	Broadleaf forest	Mature	Other Broadleaves	No	Private
LOUGH EASK DED	28820.8	Conifer forest	Mature	Spruce	No	Coillte Teoranta
LOUGH EASK DED	6428.35	Mixed forest	Mature		No	Coillte Teoranta
LOUGH EASK DED	18191.6	Conifer forest	Mature	Pine	No	Coillte

						Teoranta
LOUGH EASK DED	58449.92	Conifer forest	Mature	Spruce	No	Coillte Teoranta
LOUGH EASK DED	11976.62	Cleared			No	Coillte Teoranta
LOUGH EASK DED	23740.69					
LOUGH EASK DED	8212.85	Mixed forest	Young		No	Coillte Teoranta
LOUGH EASK DED	10274.7	Cleared			No	Coillte Teoranta
LOUGH EASK DED	9052.5	Cleared			No	Private
LOUGH EASK DED	11285.77	Mixed forest	Mature		No	Coillte Teoranta
LOUGH EASK DED	20992.23	Cleared			No	Coillte Teoranta
LOUGH EASK DED	23214.24	Mixed forest	Young		No	Coillte Teoranta
LOUGH EASK DED	5242.59	Broadleaf forest	Young	Other Broadleaves	No	Coillte Teoranta
LOUGH EASK DED	5543	Cleared			No	Private
LOUGH EASK DED	6434.4	Broadleaf forest	Mature	Oak	No	Coillte Teoranta
LOUGH EASK DED	12580.53	Broadleaf forest	Mature	Beech	No	Coillte Teoranta
LOUGH EASK DED	6926.4	Broadleaf forest	Mature	Other Broadleaves	No	Private
LOUGH EASK DED	96145.74	Conifer forest	Mature	Spruce	No	Coillte Teoranta
LOUGH EASK DED	339933.3	Conifer forest	Young	Spruce	No	Coillte Teoranta

LOUGH EASK DED	49963.02	Conifer forest	Young	Spruce	No	Coillte Teoranta
LOUGH EASK DED	113961.3	Conifer forest	Young	Spruce	No	Coillte Teoranta
LOUGH EASK DED	4090.53	Broadleaf forest	Mature	Other Broadleaves	No	Private
LOUGH EASK DED	23682.95	Conifer forest	Mature	Spruce	No	Coillte Teoranta
LOUGH EASK DED	50260.69	Conifer forest	Mature	Spruce	No	Coillte Teoranta
LOUGH EASK DED	22689.19	Conifer forest	Mature	Pine	No	Coillte Teoranta
LOUGH EASK DED	11006.65	Broadleaf forest	Mature	Other Broadleaves	No	Private
LOUGH EASK DED	26962.85	Conifer forest	Young	Spruce	No	Coillte Teoranta
LOUGH EASK DED	5788.14	Conifer forest	Mature	Pine	No	Coillte Teoranta
LOUGH EASK DED	24287.35	Conifer forest	Mature	Spruce	No	Coillte Teoranta
LOUGH EASK DED	230835.4	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
LOUGH EASK DED	128058.4	Conifer forest	Mature	Pine	No	Coillte Teoranta
LOUGH EASK DED	10154.9	Cleared			No	Private
LOUGH EASK DED	32124.85	Broadleaf forest	Mature	Other Broadleaves	No	Private
LOUGH EASK DED	93275.03	Broadleaf forest	Mature	Other Broadleaves	No	Private
LOUGH EASK DED	148770.3	Conifer forest	Mature	Spruce	No	Coillte

						Teoranta
LOUGH EASK DED	21638.26	Conifer forest	Mature	Larch	No	Coillte Teoranta
LOUGH EASK DED	13520					
LOUGH EASK DED	24841.32	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
LOUGH EASK DED	298493.4					
LOUGH EASK DED	13710.09	Mixed forest	Young		No	Coillte Teoranta
LOUGH EASK DED	2745.57	Mixed forest	Mature		No	Private
LOUGH EASK DED	7663.26	Mixed forest	Mature		No	Private
LOUGH EASK DED	5004.71	Broadleaf forest	Mature	Other Broadleaves	No	Private
LOUGH EASK DED	55640.33	Conifer forest	Young	Pine	No	Coillte Teoranta
LOUGH EASK DED	17163.8	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
LOUGH EASK DED	3923.68	Broadleaf forest	Mature	Other Broadleaves	No	Private
LOUGH EASK DED	109275.5	Conifer forest	Mature	Pine	No	Coillte Teoranta
LOUGH EASK DED	27438.73	Conifer forest	Young	Pine	No	Coillte Teoranta
LOUGH EASK DED	784044	Broadleaf forest	Mature	Other Broadleaves	No	Private
LOUGH EASK DED	32022.98	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
LOUGH EASK DED	25573.11					
LOUGH EASK DED	31835.43	Conifer forest	Mature	Spruce	No	Coillte Teoranta

LOUGH EASK DED	39931.04	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
LOUGH EASK DED	13284.86	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
LOUGH EASK DED	27066.33	Mixed forest	Mature		No	Private
LOUGH EASK DED	33258.42	Mixed forest	Mature		No	Coillte Teoranta
LOUGH EASK DED	569440.6	Mixed forest	Mature		No	Coillte Teoranta
LOUGH EASK DED	54543.39	Conifer forest	Young	Pine	No	Coillte Teoranta
LOUGH EASK DED	14345.77	Conifer forest	Mature	Pine	No	Coillte Teoranta
LOUGH EASK DED	62010.25	Mixed forest	Young		No	Coillte Teoranta
LOUGH EASK DED	6707.99	Conifer forest	Young	Larch	No	Coillte Teoranta
LOUGH EASK DED	28294.52	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
LOUGH EASK DED	8562.29	Broadleaf forest	Young	Other Broadleaves	No	Private
LOUGH EASK DED	116254.1	Cleared			No	Coillte Teoranta
LOUGH EASK DED	131392.8	Conifer forest	Mature	Other conifers	No	Coillte Teoranta
LOUGH EASK DED	6017.03	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
LOUGH EASK DED	20689.75	Conifer forest	Mature	Other conifers	No	Coillte Teoranta
LOUGH EASK DED	14406.13	Conifer forest	Young	Spruce	No	Coillte

						Teoranta
LOUGH EASK DED	33937.44	Conifer forest	Mature	Spruce	No	Coillte Teoranta
LOUGH EASK DED	129139.7	Conifer forest	Young	Pine	No	Coillte Teoranta
LOUGH EASK DED	25493.57	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
LOUGH EASK DED	142176.4	Mixed forest	Young		No	Coillte Teoranta
LOUGH EASK DED	22693.31	Conifer forest	Mature	Spruce	No	Coillte Teoranta
LOUGH EASK DED	198863.4	Conifer forest	Mature	Spruce	No	Coillte Teoranta
LOUGH EASK DED	16040					
LOUGH EASK DED	117802.5	Conifer forest	Mature	Spruce	No	Coillte Teoranta
LOUGH EASK DED	84047.3	Conifer forest	Mature	Pine	No	Coillte Teoranta
MULMOSOG DED	23704.24	Mixed forest	Young		No	Private
MULMOSOG DED	11856.14	Conifer forest	Mature	Other conifers	No	Coillte Teoranta
MULMOSOG DED	44468.88	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
MULMOSOG DED	18428.93	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
MULMOSOG DED	9532.81	Conifer forest	Mature	Spruce	No	Coillte Teoranta
MULMOSOG DED	7416.06	Conifer forest	Mature	Spruce	No	Coillte Teoranta
MULMOSOG DED	18347.04	Conifer forest	Mature	Spruce	No	Coillte

						Teoranta
MULMOSOG DED	24021.78	Conifer forest	Mature	Pine	No	Coillte Teoranta
MULMOSOG DED	326233.3	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
MULMOSOG DED	12599.96	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
MULMOSOG DED	367700.5	Cleared			Yes	Coillte Teoranta
MULMOSOG DED	20034.36	Conifer forest	Mature	Pine	No	Coillte Teoranta
MULMOSOG DED	53404.67	Planting Grant App	Young	Unknown	Yes	Private
MULMOSOG DED	10233.54					
MULMOSOG DED	65.5354					
MULMOSOG DED	17.4038					
MULMOSOG DED	14505.38					
MULMOSOG DED	69.5772					
MULMOSOG DED	146618.9	Conifer forest	Mature	Spruce	No	Coillte Teoranta
MULMOSOG DED	63402.39	Conifer forest	Mature	Spruce	No	Coillte Teoranta
MULMOSOG DED	17599.82	Cleared			Yes	Coillte Teoranta
MULMOSOG DED	73023.97	Conifer forest	Young	Other conifers	No	Coillte Teoranta
MULMOSOG DED	70010.09	Conifer forest	Young	Pine	No	Coillte Teoranta
MULMOSOG DED	1886.07	Conifer forest	Young	Other conifers	No	Coillte Teoranta
MULMOSOG DED	4432.14	Conifer forest	Mature	Spruce	No	Coillte

						Teoranta
MULMOSOG DED	5277.65					
MULMOSOG DED	122758.7	Cleared			Yes	Coillte Teoranta
MULMOSOG DED	104495.8	Cleared			No	Coillte Teoranta
MULMOSOG DED	32683.63	Conifer forest	Mature	Pine	No	Coillte Teoranta
MULMOSOG DED	83913.56	Conifer forest	Young	Spruce	No	Coillte Teoranta
MULMOSOG DED	19459.27	Conifer forest	Mature	Pine	No	Coillte Teoranta
MULMOSOG DED	12314.04	Cleared			No	Coillte Teoranta
MULMOSOG DED	13845.79	Conifer forest	Mature	Pine	No	Coillte Teoranta
MULMOSOG DED	6882.72	Conifer forest	Mature	Pine	No	Coillte Teoranta
MULMOSOG DED	15499.52	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
MULMOSOG DED	48372.67	Conifer forest	Mature	Pine	No	Coillte Teoranta
MULMOSOG DED	10674.74	Conifer forest	Mature	Pine	No	Coillte Teoranta
MULMOSOG DED	7634.84	Conifer forest	Mature	Pine	No	Coillte Teoranta
MULMOSOG DED	25274.76	Conifer forest	Mature	Pine	No	Coillte Teoranta
MULMOSOG DED	9020.33	Conifer forest	Mature	Pine	No	Coillte Teoranta

MULMOSOG DED	37919.81	Conifer forest	Mature	Pine	No	Coillte Teoranta
MULMOSOG DED	263594.2	Conifer forest	Mature	Pine	No	Coillte Teoranta
MULMOSOG DED	225683.5	Conifer forest	Mature	Spruce	No	Coillte Teoranta
MULMOSOG DED	11789.04	Conifer forest	Mature	Pine	No	Coillte Teoranta
MULMOSOG DED	16938.84	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
MULMOSOG DED	19749.64	Cleared			Yes	Coillte Teoranta
MULMOSOG DED	8397.1	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
MULMOSOG DED	9227.09					
MULMOSOG DED	19292.04	Conifer forest	Mature	Pine	No	Coillte Teoranta
MULMOSOG DED	95652.59	Conifer forest	Mature	Spruce	No	Coillte Teoranta
MULMOSOG DED	157997	Cleared			Yes	Coillte Teoranta
MULMOSOG DED	25988.67	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
MULMOSOG DED	143678.7	Conifer forest	Mature	Spruce	No	Coillte Teoranta
MULMOSOG DED	54.0503					
MULMOSOG DED	196.434					
MULMOSOG DED	113.234					
MULMOSOG DED	49750.67	Cleared			Yes	Coillte Teoranta

MULMOSOG DED	95353.86	Conifer forest	Mature	Spruce	No	Coillte Teoranta
MULMOSOG DED	177461.7	Cleared			Yes	Coillte Teoranta
MULMOSOG DED	23860.89	Conifer forest	Mature	Spruce	No	Coillte Teoranta
MULMOSOG DED	170835.9	Conifer forest	Mature	Spruce	No	Coillte Teoranta
MULMOSOG DED	6900.16	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
MULMOSOG DED	6379.1					
PETTIGOE DED	392703.7	Cleared			Yes	Coillte Teoranta
PETTIGOE DED	83409.75	Conifer forest	Young	Pine	No	Coillte Teoranta
PETTIGOE DED	106179.5	Conifer forest	Young	Spruce	No	Coillte Teoranta
PETTIGOE DED	18102.47	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
PETTIGOE DED	261510.3	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
PETTIGOE DED	5029.34	Cleared			Yes	Coillte Teoranta
PETTIGOE DED	26338.21	Conifer forest	Young	Pine/Spruce mix	Yes	Coillte Teoranta
PETTIGOE DED	35799.24	Cleared			Yes	Coillte Teoranta
PETTIGOE DED	39204.06					
PETTIGOE DED	14514.58					
PETTIGOE DED	267932.8	Conifer forest	Young	Spruce	No	Coillte

						Teoranta
PETTIGOE DED	187770.3	Conifer forest	Young	Pine	No	Coillte Teoranta
PETTIGOE DED	107066.1	Conifer forest	Young	Spruce	No	Coillte Teoranta
PETTIGOE DED	31697.89	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	6061.99	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
PETTIGOE DED	43694.57	Conifer forest	Young	Pine	No	Coillte Teoranta
PETTIGOE DED	57845.41	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	62282.19	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	37883.71	Mixed forest	Young		No	Coillte Teoranta
PETTIGOE DED	109003.6	Conifer forest	Young	Pine	No	Coillte Teoranta
PETTIGOE DED	7784.96					
PETTIGOE DED	12436.3	Conifer forest	Young	Spruce	No	Coillte Teoranta
PETTIGOE DED	9158.6					
PETTIGOE DED	17044.59					
PETTIGOE DED	9501.52	Conifer forest	Young	Spruce	No	Private
PETTIGOE DED	65209.32	Conifer forest	Young	Pine	No	Coillte Teoranta
PETTIGOE DED	19636.38	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	9151.81	Conifer forest	Young	Pine	No	Coillte Teoranta
PETTIGOE DED	8682.92					
PETTIGOE DED	8865.21	Conifer forest	Young	Pine	No	Coillte Teoranta

PETTIGOE DED	5199.26					
PETTIGOE DED	120185.1	Conifer forest	Young	Pine/Spruce mix	Yes	Coillte Teoranta
PETTIGOE DED	10821.64	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
PETTIGOE DED	12407.82	Conifer forest	Young	Larch	No	Coillte Teoranta
PETTIGOE DED	5739.8	Conifer forest	Young	Other conifers	No	Coillte Teoranta
PETTIGOE DED	14068.22	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	51528.29	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	186150.1	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	24134.95	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	81902.39	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	33714.18	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	16355.62	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	4137.23	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	1976.84	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	5145.13	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	79007.45	Mixed forest	Young		No	Coillte Teoranta
PETTIGOE DED	2441.03	Broadleaf forest	Mature	Other Broadleaves	No	Private
PETTIGOE DED	13548.38	Broadleaf forest	Young	Other Broadleaves	No	Private
PETTIGOE DED	38100.2	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
PETTIGOE DED	123590.1	Conifer forest	Mature	Spruce	No	Coillte Teoranta
PETTIGOE DED	11376.25	Broadleaf forest	Young	Other	No	Private

				Broadleaves		
PETTIGOE DED	6469.12	Broadleaf forest	Mature	Other Broadleaves	No	Private
PETTIGOE DED	25317.22	Mixed forest	Mature		No	Coillte Teoranta
PETTIGOE DED	6138.28	Broadleaf forest	Mature	Other Broadleaves	No	Private
PETTIGOE DED	10036.84	Broadleaf forest	Young	Other Broadleaves	No	Private
PETTIGOE DED	12963.09	Mixed forest	Mature		No	Coillte Teoranta
PETTIGOE DED	10649.83	Broadleaf forest	Mature	Other Broadleaves	No	Private
PETTIGOE DED	7886.15	Broadleaf forest	Mature	Other Broadleaves	No	Private
PETTIGOE DED	3038.92	Cleared			Yes	Coillte Teoranta
PETTIGOE DED	85878.51	Conifer forest	Young	Spruce	No	Coillte Teoranta
PETTIGOE DED	5020.89					
PETTIGOE DED	11127.68					
PETTIGOE DED	116300.8	Cleared			No	Coillte Teoranta
PETTIGOE DED	33354.45	Cleared			Yes	Coillte Teoranta
PETTIGOE DED	5994.21	Mixed forest	Young		No	Coillte Teoranta
PETTIGOE DED	93510.87	Conifer forest	Young	Spruce	No	Coillte Teoranta
PETTIGOE DED	7975.79	Cleared			No	Coillte

						Teoranta
PETTIGOE DED	11312.29					
PETTIGOE DED	8945.6	Cleared			No	Coillte Teoranta
PETTIGOE DED	270401.6	Conifer forest	Young	Pine	No	Coillte Teoranta
PETTIGOE DED	126609.1	Conifer forest	Young	Pine	No	Coillte Teoranta
PETTIGOE DED	5513.03	Conifer forest	Young	Larch	No	Coillte Teoranta
PETTIGOE DED	196106.2	Conifer forest	Young	Spruce	No	Coillte Teoranta
PETTIGOE DED	7377.76					
PETTIGOE DED	58091.45	Conifer forest	Young	Spruce	No	Coillte Teoranta
PETTIGOE DED	284988.1	Conifer forest	Young	Pine	No	Coillte Teoranta
PETTIGOE DED	32774.59					
PETTIGOE DED	511745.8	Cleared			Yes	Coillte Teoranta
PETTIGOE DED	19488.32	Mixed forest	Young		Yes	Coillte Teoranta
PETTIGOE DED	317595.1	Conifer forest	Young	Spruce	No	Coillte Teoranta
PETTIGOE DED	20496.18	Conifer forest	Young	Spruce	No	Coillte Teoranta
PETTIGOE DED	100748.1	Conifer forest	Young	Spruce	No	Coillte Teoranta
PETTIGOE DED	39323.02	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	6294.17	Conifer forest	Young	Pine	No	Coillte

						Teoranta
PETTIGOE DED	37350.99	Conifer forest	Young	Spruce	No	Coillte Teoranta
PETTIGOE DED	37350.99	Conifer forest	Young	Spruce	No	Coillte Teoranta
PETTIGOE DED	99395.86	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	15583.24	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	56699.17	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	66043.26	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	32651.15	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	11172.15	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
PETTIGOE DED	9182.62	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
PETTIGOE DED	5689.07	Conifer forest	Mature	Spruce	No	Coillte Teoranta
PETTIGOE DED	72023.64	Cleared			No	Coillte Teoranta
PETTIGOE DED	15238.69	Conifer forest	Mature	Pine	No	Coillte Teoranta
PETTIGOE DED	51974.09	Conifer forest	Young	Spruce	No	Coillte Teoranta
PETTIGOE DED	14572.07	Conifer forest	Young	Pine	No	Coillte Teoranta
PETTIGOE DED	6118.64	Conifer forest	Young	Pine	No	Coillte Teoranta
PETTIGOE DED	64471.83	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
PETTIGOE DED	8477.99	Conifer forest	Young	Spruce	No	Coillte Teoranta

PETTIGOE DED	14664.74	Conifer forest	Mature	Pine	No	Coillte Teoranta
PETTIGOE DED	13803.16	Mixed forest	Mature		No	Coillte Teoranta
PETTIGOE DED	181815.8	Conifer forest	Mature	Pine	No	Coillte Teoranta
PETTIGOE DED	27865.57	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
PETTIGOE DED	79332.89	Conifer forest	Young	Spruce	No	Coillte Teoranta
PETTIGOE DED	3385.56					
PETTIGOE DED	34397.95	Conifer forest	Young	Pine	No	Coillte Teoranta
PETTIGOE DED	103100.4	Conifer forest	Young	Spruce	No	Coillte Teoranta
PETTIGOE DED	9827.83	Conifer forest	Young	Larch	No	Coillte Teoranta
PETTIGOE DED	11705.52	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	43303.07					
PETTIGOE DED	190426.2	Conifer forest	Young	Pine/Spruce mix	Yes	Coillte Teoranta
PETTIGOE DED	143469.8	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	10857.38					
PETTIGOE DED	1942.57					
PETTIGOE DED	2247.05	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	9413.95	Conifer forest	Mature	Pine	No	Coillte Teoranta
PETTIGOE DED	9542.41	Mixed forest	Young		No	Coillte Teoranta
PETTIGOE DED	53373.79	Conifer forest	Young	Spruce	No	Coillte

						Teoranta
PETTIGOE DED	9410.86	Mixed forest	Mature		No	Private
PETTIGOE DED	38193.43	Conifer forest	Young	Spruce	No	Coillte Teoranta
PETTIGOE DED	125208.9	Conifer forest	Mature	Spruce	No	Coillte Teoranta
PETTIGOE DED	41802.33	Conifer forest	Mature	Spruce	No	Coillte Teoranta
PETTIGOE DED	11605.42					
PETTIGOE DED	8269.14					
PETTIGOE DED	21733.33					
PETTIGOE DED	46092.14	Conifer forest	Young	Pine	No	Coillte Teoranta
PETTIGOE DED	14110.63					
PETTIGOE DED	20366.69	Conifer forest	Young	Pine	No	Coillte Teoranta
PETTIGOE DED	84893.42	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	3383	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	2765.3	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
PETTIGOE DED	7909.71	Mixed forest	Mature		No	Private
PETTIGOE DED	64205.21	Conifer forest	Young	Spruce	No	Coillte Teoranta
PETTIGOE DED	1062670	Conifer forest	Young	Spruce	No	Coillte Teoranta
PETTIGOE DED	72972.81	Planting Grant App	Young	Unknown	Yes	Private
PETTIGOE DED	118810.7	Cleared			No	Coillte Teoranta
PETTIGOE DED	36600.28					
PETTIGOE DED	65736.6	Conifer forest	Young	Pine	No	Coillte

						Teoranta
PETTIGOE DED	48596.31	Conifer forest	Young	Pine/Spruce mix	Yes	Coillte Teoranta
PETTIGOE DED	21026.5					
PETTIGOE DED	320028.4	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
TANTALLON DED	163360.1	Conifer forest	Mature	Spruce	No	Coillte Teoranta
TANTALLON DED	9864.04	Mixed forest	Young		No	Private
TANTALLON DED	8293.37	Conifer forest	Young	Pine	No	Private
TANTALLON DED	11172.94	Mixed forest	Mature		No	Private
TANTALLON DED	5471.54	Conifer forest	Mature	Other conifers	No	Coillte Teoranta
TANTALLON DED	11420.6	Broadleaf forest	Mature	Other Broadleaves	No	Private
TANTALLON DED	7066.38	Conifer forest	Mature	Other conifers	No	Coillte Teoranta
TANTALLON DED	11538.74	Planting Grant App	Young	Unknown	Yes	Private
TANTALLON DED	13699.25	Broadleaf forest	Mature	Other Broadleaves	No	Private
TANTALLON DED	9712.99	Planting Grant App	Young	Unknown	Yes	Private
TANTALLON DED	3376.9	Broadleaf forest	Mature	Other Broadleaves	No	Private
TANTALLON DED	22626.33	Broadleaf forest	Mature	Other Broadleaves	No	Private
TANTALLON DED	12407.62	Broadleaf forest	Mature	Other Broadleaves	No	Private
TANTALLON DED	13142.6	Broadleaf forest	Mature	Other Broadleaves	No	Private
TANTALLON DED	21391.93	Broadleaf forest	Mature	Other	No	Private

				Broadleaves		
TANTALLON DED	18840.8	Broadleaf forest	Mature	Other Broadleaves	No	Private
TANTALLON DED	9776.45	Broadleaf forest	Mature	Other Broadleaves	No	Private
TANTALLON DED	8630.69	Broadleaf forest	Young	Other Broadleaves	No	Private
TANTALLON DED	284005	Broadleaf forest	Mature	Other Broadleaves	No	Private
TANTALLON DED	10951.31	Broadleaf forest	Mature	Other Broadleaves	No	Private
TANTALLON DED	39704	Broadleaf forest	Mature	Other Broadleaves	No	Private
TANTALLON DED	5250.73	Planting Grant App	Young	Unknown	Yes	Private
TANTALLON DED	23434.23	Planting Grant App	Young	Unknown	Yes	Private
TANTALLON DED	27192.88	Conifer forest	Young	Spruce	No	Private
TANTALLON DED	20737.91	Broadleaf forest	Mature	Other Broadleaves	No	Private
TANTALLON DED	9477.11	Conifer forest	Young	Other conifers	No	Private
TANTALLON DED	2978.08	Mixed forest	Young		No	Private
TANTALLON DED	19482.76	Planting Grant App	Young	Unknown	Yes	Private
TANTALLON DED	35022.37	Mixed forest	Mature		No	Private
TANTALLON DED	13855.45	Broadleaf forest	Mature	Other Broadleaves	No	Private
TANTALLON DED	4887.14	Broadleaf forest	Young	Other Broadleaves	No	Private
TANTALLON DED	16693.57	Cleared			No	Coillte Teoranta
TANTALLON DED	244576.9	Mixed forest	Young		Yes	Coillte Teoranta

TANTALLON DED	3386.67	Broadleaf forest	Young	Other Broadleaves	No	Private
TANTALLON DED	17657.12	Cleared			No	Coillte Teoranta
TANTALLON DED	8370.76	Planting Grant App	Young	Unknown	Yes	Private
TANTALLON DED	7411.52	Planting Grant App	Young	Unknown	Yes	Private
TANTALLON DED	115256.5	Conifer forest	Mature	Spruce	No	Coillte Teoranta
TANTALLON DED	26721.71	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
TANTALLON DED	74602.28	Cleared			No	Private
TANTALLON DED	9734.87	Broadleaf forest	Mature	Other Broadleaves	No	Private
TANTALLON DED	10202.59	Conifer forest	Mature	Pine	No	Coillte Teoranta
TANTALLON DED	6843.47	Cleared			No	Coillte Teoranta
TANTALLON DED	6140.77	Conifer forest	Mature	Other conifers	No	Coillte Teoranta
TANTALLON DED	13877.17	Conifer forest	Young	Spruce	No	Private
TANTALLON DED	87651.25	Conifer forest	Mature	Spruce	No	Coillte Teoranta
TANTALLON DED	19042.46	Planting Grant App	Young	Unknown	Yes	Private
TANTALLON DED	11347.83	Broadleaf forest	Mature	Other Broadleaves	No	Private
TANTALLON DED	5581.71	Broadleaf forest	Mature	Other Broadleaves	No	Private
TANTALLON DED	773.935	Broadleaf forest	Mature	Other Broadleaves	No	Private
TANTALLON DED	8825.21	Broadleaf forest	Mature	Other	No	Private

				Broadleaves		
TANTALLON DED	23286.05	Broadleaf forest	Mature	Other Broadleaves	No	Private
TANTALLON DED	18557.39					
TANTALLON DED	5634.32	Mixed forest	Mature		No	Private
TANTALLON DED	21870.39					
TANTALLON DED	10457.36					
TANTALLON DED	11055.95	Broadleaf forest	Mature	Other Broadleaves	No	Private
TANTALLON DED	6484.25	Planting Grant App	Young	Unknown	Yes	Private
TANTALLON DED	22081.13	Planting Grant App	Young	Unknown	Yes	Private
TANTALLON DED	33213.39	Mixed forest	Mature		No	Private
TANTALLON DED	6576.58	Mixed forest	Young		No	Private
TANTALLON DED	1263.51					
TANTALLON DED	5657.41	Planting Grant App	Young	Unknown	Yes	Private
TANTALLON DED	4299.28	Broadleaf forest	Young	Other Broadleaves	No	Private
TANTALLON DED	10639.76	Broadleaf forest	Mature	Other Broadleaves	No	Private
TANTALLON DED	64075.92	Conifer forest	Mature	Spruce	No	Coillte Teoranta
TANTALLON DED	20788.89	Broadleaf forest	Mature	Other Broadleaves	No	Private
TANTALLON DED	5248.9	Conifer forest	Young	Spruce	No	Coillte Teoranta
TANTALLON DED	6688.63	Broadleaf forest	Mature	Other Broadleaves	Yes	Coillte Teoranta
TANTALLON DED	17317.38	Conifer forest	Mature	Other conifers	No	Coillte Teoranta
TANTALLON DED	8336.78	Planting Grant App	Young	Unknown	Yes	Private

TANTALLON DED	4819.45	Planting Grant App	Young	Unknown	Yes	Private
TANTALLON DED	9011.84	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
TANTALLON DED	4005.66	Planting Grant App	Young	Unknown	Yes	Private
TANTALLON DED	11050.4	Planting Grant App	Young	Unknown	Yes	Private
TANTALLON DED	28067.68	Cleared			No	Coillte Teoranta
TANTALLON DED	4965.4	Cleared			No	Coillte Teoranta
TANTALLON DED	9326.27	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TANTALLON DED	2741.1	Planting Grant App	Young	Unknown	Yes	Private
TANTALLON DED	21433.33	Planting Grant App	Young	Unknown	Yes	Private
TANTALLON DED	4165.09	Other forest			No	Private
TANTALLON DED	1719.32	Broadleaf forest	Young	Other Broadleaves	No	Private
TANTALLON DED	3522.26	Planting Grant App	Young	Unknown	Yes	Private
TANTALLON DED	40071.35	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
TANTALLON DED	6355.88	Conifer forest	Mature	Spruce	No	Coillte Teoranta
TANTALLON DED	9224.7	Planting Grant App	Young	Unknown	Yes	Private
TANTALLON DED	3986.82	Planting Grant App	Young	Unknown	Yes	Private
TANTALLON DED	6653.76	Planting Grant App	Young	Unknown	Yes	Private
TANTALLON DED	7921.6	Conifer forest	Young	Spruce	No	Coillte Teoranta
TANTALLON DED	5347.96	Conifer forest	Mature	Other conifers	No	Coillte Teoranta
TANTALLON DED	3758.2	Planting Grant App	Young	Unknown	Yes	Private
TANTALLON DED	7970.43	Planting Grant App	Young	Unknown	Yes	Private

TANTALLON DED	20866.78	Conifer forest	Mature	Other conifers	No	Coillte Teoranta
TANTALLON DED	4465.38	Planting Grant App	Young	Unknown	Yes	Private
TAWNAWULLY DED	17046.79	Planting Grant App	Young	Unknown	Yes	Private
TAWNAWULLY DED	12061.79	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	120100.3	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TEMPLECARN DED	590613.7	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TEMPLECARN DED	13252.1	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TEMPLECARN DED	499695.9	Conifer forest	Mature	Spruce	No	Coillte Teoranta
TEMPLECARN DED	19863.07					
TEMPLECARN DED	17534					
TEMPLECARN DED	27694.84	Cleared			No	Coillte Teoranta
TEMPLECARN DED	53234.8	Conifer forest	Young	Pine	No	Coillte Teoranta
TEMPLECARN DED	103755.1	Conifer forest	Young	Pine	No	Coillte Teoranta
TEMPLECARN DED	9097.78					
TEMPLECARN DED	21963.58					
TEMPLECARN DED	84430.64	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
TEMPLECARN DED	10493.95					
TEMPLECARN DED	329876.9	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
TEMPLECARN DED	9642.59					
TEMPLECARN DED	6792.21					

TEMPLECARN DED	24841.21					
TEMPLECARN DED	169188.7	Conifer forest	Young	Pine	No	Coillte Teoranta
TEMPLECARN DED	112661.5	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	241239.6	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	464284	Cleared			Yes	Coillte Teoranta
TEMPLECARN DED	17609.24	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	15779.27	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	48902.37	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	225265.2	Conifer forest	Young	Pine	No	Coillte Teoranta
TEMPLECARN DED	17123.76					
TEMPLECARN DED	48284.76	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	96895.3	Cleared			Yes	Coillte Teoranta
TEMPLECARN DED	2991.18					
TEMPLECARN DED	3328.33					
TEMPLECARN DED	240122.6	Cleared			Yes	Coillte Teoranta
TEMPLECARN DED	4361.37					
TEMPLECARN DED	6892.03	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	42022.51	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	2609.92	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	5694.28					
TEMPLECARN DED	3797.63	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	326514.8	Cleared			No	Coillte Teoranta
TEMPLECARN DED	25705.71	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	23666.55	Conifer forest	Young	Pine	No	Coillte

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						Teoranta
TEMPLECARN DED	5614.08	Broadleaf forest	Mature	Other Broadleaves	No	Private
TEMPLECARN DED	138846.1	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	125341.5	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	365136.2	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	6951.91					
TEMPLECARN DED	85159.89	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	9737.56					
TEMPLECARN DED	28062.96	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	436829.3	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	6332.93					
TEMPLECARN DED	32026.48	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	4517.38					
TEMPLECARN DED	6550.46	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	208461.4	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	90738.56	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	484016.4	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	60958.67	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	4102.58	Other forest			No	Private
TEMPLECARN DED	6104.58	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	14214.28	Broadleaf forest	Mature	Other Broadleaves	No	Private
TEMPLECARN DED	5763.94	Broadleaf forest	Mature	Other Broadleaves	No	Private
TEMPLECARN DED	5763.94	Broadleaf forest	Mature	Other Broadleaves	No	Private
TEMPLECARN DED	37676.37	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	37676.37	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	30360.43	Planting Grant App	Young	Unknown	Yes	Private

TEMPLECARN DED	30360.43	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	774730.1	Conifer forest	Mature	Spruce	No	Coillte Teoranta
TEMPLECARN DED	12309.61	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TEMPLECARN DED	5099.82	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TEMPLECARN DED	5091.42					
TEMPLECARN DED	11469.84	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TEMPLECARN DED	6134.22					
TEMPLECARN DED	5664.64	Conifer forest	Mature	Pine	No	Coillte Teoranta
TEMPLECARN DED	57216.33	Conifer forest	Young	Spruce	No	Coillte Teoranta
TEMPLECARN DED	68228.16	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TEMPLECARN DED	5455.68					
TEMPLECARN DED	5438.14					
TEMPLECARN DED	76339.25	Conifer forest	Young	Pine	No	Coillte Teoranta
TEMPLECARN DED	299837.2	Conifer forest	Young	Pine	No	Coillte Teoranta
TEMPLECARN DED	14629.93	Conifer forest	Young	Pine	No	Coillte Teoranta
TEMPLECARN DED	27836.51					
TEMPLECARN DED	984.642	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta
TEMPLECARN DED	11350.54	Broadleaf forest	Mature	Other Broadleaves	No	Coillte Teoranta

TEMPLECARN DED	4048.64	Conifer forest	Young	Spruce	No	Coillte Teoranta
TEMPLECARN DED	18836.79	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	12498.65					
TEMPLECARN DED	209770.6	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	155749.6	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	36315.99	Conifer forest	Young	Pine	No	Coillte Teoranta
TEMPLECARN DED	2019.95					
TEMPLECARN DED	143576.3	Conifer forest	Young	Spruce	No	Coillte Teoranta
TEMPLECARN DED	7466.73					
TEMPLECARN DED	612060.9	Conifer forest	Young	Spruce	No	Coillte Teoranta
TEMPLECARN DED	7014.52					
TEMPLECARN DED	65669.68	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	1883.8	Cleared			No	Coillte Teoranta
TEMPLECARN DED	12959.75					
TEMPLECARN DED	152539.6	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	121605.1	Conifer forest	Young	Pine	No	Coillte Teoranta
TEMPLECARN DED	1397.16	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	201163.1	Cleared			Yes	Coillte Teoranta
TEMPLECARN DED	845764.9	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	766910.8	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	70431.29	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	313522	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	6764.23	Planting Grant App	Young	Unknown	Yes	Private

TEMPLECARN DED	33626.02	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	2599.36	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	6675.3	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	11834.17	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	11144.95	Broadleaf forest	Mature	Other Broadleaves	No	Private
TEMPLECARN DED	11144.95	Broadleaf forest	Mature	Other Broadleaves	No	Private
TEMPLECARN DED	32951.56	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	9619.13	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	16073.79	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	5610.79	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TEMPLECARN DED	217911.3	Conifer forest	Mature	Pine	No	Coillte Teoranta
TEMPLECARN DED	10014.68	Conifer forest	Mature	Pine	No	Coillte Teoranta
TEMPLECARN DED	7512.22	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TEMPLECARN DED	28394.98	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TEMPLECARN DED	13154.56					
TEMPLECARN DED	8328.27	Broadleaf forest	Mature	Other Broadleaves	No	Private
TEMPLECARN DED	141124.1	Conifer forest	Young	Spruce	No	Coillte Teoranta
TEMPLECARN DED	293526.1	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	23598.78	Conifer forest	Young	Pine	No	Coillte Teoranta
TEMPLECARN DED	58206.4	Conifer forest	Young	Spruce	No	Coillte

						Teoranta
TEMPLECARN DED	1410.81					
TEMPLECARN DED	67140.67	Cleared			No	Private
TEMPLECARN DED	137223	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	15530.32	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
TEMPLECARN DED	2459.75	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	135083.7	Conifer forest	Young	Spruce	No	Coillte Teoranta
TEMPLECARN DED	40909.84	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	432092.9	Conifer forest	Young	Spruce	No	Coillte Teoranta
TEMPLECARN DED	19614.49	Cleared			No	Private
TEMPLECARN DED	6659.34	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	5258.99	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	59248.21	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	78386.35	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	317929.1	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	8275.02	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	25001.68	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TEMPLECARN DED	3264929	Conifer forest	Young	Spruce	No	Coillte Teoranta
TEMPLECARN DED	6611.25					
TEMPLECARN DED	125876.2	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	97591.24	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	78045.04	Conifer forest	Young	Pine	No	Coillte Teoranta
TEMPLECARN DED	15181.75	Conifer forest	Young	Other conifers	No	Coillte Teoranta

TEMPLECARN DED	121792.5	Conifer forest	Young	Spruce	No	Coillte Teoranta
TEMPLECARN DED	42927.62	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	16696.02	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	20700.78	Cleared			No	Coillte Teoranta
TEMPLECARN DED	102888.2	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	19498.82	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	53108.53	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	65155.89					
TEMPLECARN DED	1014796	Cleared			No	Coillte Teoranta
TEMPLECARN DED	417817.5	Conifer forest	Young	Spruce	No	Coillte Teoranta
TEMPLECARN DED	454950.2	Planting Grant App	Young	Unknown	Yes	Private
TEMPLECARN DED	944590.5	Conifer forest	Young	Spruce	No	Coillte Teoranta
TIEVESKEELTA DED	20571.26	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TIEVESKEELTA DED	5293.61	Conifer forest	Mature	Other conifers	No	Coillte Teoranta
TIEVESKEELTA DED	29458.69	Planting Grant App	Young	Unknown	Yes	Private
TIEVESKEELTA DED	10481.42	Conifer forest	Mature	Pine	No	Coillte Teoranta
TIEVESKEELTA DED	45379.9	Planting Grant App	Young	Unknown	Yes	Private
TIEVESKEELTA DED	167789.4	Cleared			Yes	Coillte Teoranta
TIEVESKEELTA DED	22140.53	Planting Grant App	Young	Unknown	Yes	Private
TIEVESKEELTA DED	10410.86	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta

TIEVESKEELTA DED	9642.95	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TIEVESKEELTA DED	15137.08	Broadleaf forest	Young	Other Broadleaves	No	Private
TIEVESKEELTA DED	19422.53	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TIEVESKEELTA DED	4261.39					
TIEVESKEELTA DED	23674.61	Conifer forest	Mature	Pine	No	Coillte Teoranta
TIEVESKEELTA DED	37937.09	Cleared			No	Coillte Teoranta
TIEVESKEELTA DED	161434.4	Conifer forest	Young	Spruce	No	Coillte Teoranta
TIEVESKEELTA DED	177897.2	Conifer forest	Mature	Spruce	No	Coillte Teoranta
TIEVESKEELTA DED	30330.32	Conifer forest	Young	Spruce	No	Coillte Teoranta
TIEVESKEELTA DED	38899.2	Conifer forest	Mature	Pine	No	Coillte Teoranta
TIEVESKEELTA DED	194184.7	Conifer forest	Mature	Spruce	No	Coillte Teoranta
TIEVESKEELTA DED	38173.54	Conifer forest	Mature	Spruce	No	Coillte Teoranta
TIEVESKEELTA DED	1505.22	Broadleaf forest	Mature	Other Broadleaves	No	Private
TIEVESKEELTA DED	35793.12	Conifer forest	Young	Spruce	No	Coillte Teoranta
TIEVESKEELTA DED	118036.4	Conifer forest	Mature	Spruce	No	Coillte Teoranta
TIEVESKEELTA DED	770.498					

TIEVESKEELTA DED	12664.34	Conifer forest	Mature	Pine	No	Coillte Teoranta
TIEVESKEELTA DED	247188.4	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TIEVESKEELTA DED	51281.57	Conifer forest	Mature	Spruce	No	Coillte Teoranta
TIEVESKEELTA DED	14852.4	Planting Grant App	Young	Unknown	Yes	Private
TIEVESKEELTA DED	52358.13	Planting Grant App	Young	Unknown	Yes	Private
TIEVESKEELTA DED	10237.68	Conifer forest	Mature	Spruce	No	Coillte Teoranta
TIEVESKEELTA DED	39625.9	Conifer forest	Mature	Spruce	No	Coillte Teoranta
TIEVESKEELTA DED	5254.82	Cleared			No	Coillte Teoranta
TIEVESKEELTA DED	6181.32	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TIEVESKEELTA DED	43061.05	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TIEVESKEELTA DED	79745.63	Conifer forest	Young	Spruce	No	Coillte Teoranta
TIEVESKEELTA DED	86103.63	Planting Grant App	Young	Unknown	Yes	Private
TIEVESKEELTA DED	19758.91	Conifer forest	Young	Spruce	No	Coillte Teoranta
TIEVESKEELTA DED	8671.73	Conifer forest	Mature	Spruce	No	Coillte Teoranta
TIEVESKEELTA DED	18713.68	Planting Grant App	Young	Unknown	Yes	Private
TIEVESKEELTA DED	12507.45	Mixed forest	Mature		No	Private
TIEVESKEELTA DED	133386.8	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TIEVESKEELTA DED	113213.5	Conifer forest	Mature	Spruce	No	Coillte

						Teoranta
TIEVESKEELTA DED	6626.15	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TIEVESKEELTA DED	27818.1	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TIEVESKEELTA DED	132375.5	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TIEVESKEELTA DED	39615.12	Conifer forest	Young	Spruce	No	Coillte Teoranta
TIEVESKEELTA DED	9394.91	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TIEVESKEELTA DED	8533.53	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TIEVESKEELTA DED	7093.61					
TIEVESKEELTA DED	3086.38	Planting Grant App	Young	Unknown	Yes	Private
TIEVESKEELTA DED	6813.31	Conifer forest	Mature	Spruce	No	Coillte Teoranta
TIEVESKEELTA DED	25244.64	Conifer forest	Mature	Pine	No	Coillte Teoranta
TIEVESKEELTA DED	7413.59	Conifer forest	Young	Pine	No	Coillte Teoranta
TIEVESKEELTA DED	7972.73	Planting Grant App	Young	Unknown	Yes	Private
TIEVESKEELTA DED	8730.85	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TIEVESKEELTA DED	21843.53	Conifer forest	Mature	Pine	No	Coillte Teoranta
TIEVESKEELTA DED	3108.38	Conifer forest	Mature	Pine	No	Coillte Teoranta
TIEVESKEELTA DED	101540.2	Planting Grant App	Young	Unknown	Yes	Private
TIEVESKEELTA DED	16880.97	Cleared			No	Coillte

						Teoranta
TIEVESKEELTA DED	43975.83	Cleared			No	Coillte Teoranta
TIEVESKEELTA DED	31862.36	Planting Grant App	Young	Unknown	Yes	Private
TIEVESKEELTA DED	121256.6	Cleared			Yes	Coillte Teoranta
TIEVESKEELTA DED	97874.44	Conifer forest	Young	Spruce	No	Coillte Teoranta
TIEVESKEELTA DED	14252.05	Conifer forest	Mature	Spruce	No	Coillte Teoranta
TIEVESKEELTA DED	29985.25	Conifer forest	Mature	Spruce	No	Coillte Teoranta
TIEVESKEELTA DED	78405.85	Conifer forest	Mature	Spruce	No	Coillte Teoranta
TULLYNAUGHT DED	59736.12	Conifer forest	Young	Spruce	Yes	Coillte Teoranta
TULLYNAUGHT DED	621931.4	Conifer forest	Mature	Spruce	No	Coillte Teoranta
TULLYNAUGHT DED	11862.12	Conifer forest	Mature	Pine	No	Coillte Teoranta
TULLYNAUGHT DED	162892.5	Conifer forest	Young	Spruce	No	Coillte Teoranta
TULLYNAUGHT DED	11649.09	Conifer forest	Young	Spruce	No	Coillte Teoranta
TULLYNAUGHT DED	51089.14	Conifer forest	Mature	Spruce	No	Coillte Teoranta
TULLYNAUGHT DED	42717.19	Conifer forest	Mature	Pine	No	Coillte Teoranta
TULLYNAUGHT DED	10188.33	Broadleaf forest	Mature	Other Broadleaves	No	Private

TULLYNAUGHT DED	6956.69	Broadleaf forest	Mature	Other Broadleaves	No	Private
TULLYNAUGHT DED	30055.12	Planting Grant App	Young	Unknown	Yes	Private
TULLYNAUGHT DED	160307.2	Planting Grant App	Young	Unknown	Yes	Private
TULLYNAUGHT DED	125565.1	Planting Grant App	Young	Unknown	Yes	Private
TULLYNAUGHT DED	63697.22	Conifer forest	Young	Pine	Yes	Coillte Teoranta
TULLYNAUGHT DED	1958.8					
TULLYNAUGHT DED	7461.92	Broadleaf forest	Mature	Other Broadleaves	No	Private
TULLYNAUGHT DED	91515.86	Planting Grant App	Young	Unknown	Yes	Private
TULLYNAUGHT DED	10533.79	Broadleaf forest	Mature	Other Broadleaves	No	Private
TULLYNAUGHT DED	24459.22	Broadleaf forest	Mature	Other Broadleaves	No	Private
TULLYNAUGHT DED	56599.45	Planting Grant App	Young	Unknown	Yes	Private
TULLYNAUGHT DED	23340.29	Broadleaf forest	Mature	Other Broadleaves	No	Private
TULLYNAUGHT DED	23340.29	Broadleaf forest	Mature	Other Broadleaves	No	Private
TULLYNAUGHT DED	4708.08	Broadleaf forest	Mature	Other Broadleaves	No	Private
TULLYNAUGHT DED	83668.03	Planting Grant App	Young	Unknown	Yes	Private
TULLYNAUGHT DED	10144.52	Broadleaf forest	Mature	Other Broadleaves	No	Private
TULLYNAUGHT DED	13177.74	Mixed forest	Young		No	Private
TULLYNAUGHT DED	17772.75	Broadleaf forest	Young	Other Broadleaves	Yes	Coillte Teoranta
TULLYNAUGHT DED	16715.8	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta

TULLYNAUGHT DED	56630.28	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TULLYNAUGHT DED	9799.89					
TULLYNAUGHT DED	33147.95	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TULLYNAUGHT DED	64239.08	Conifer forest	Young	Spruce	No	Coillte Teoranta
TULLYNAUGHT DED	2204.5					
TULLYNAUGHT DED	10291.72					
TULLYNAUGHT DED	6639.58	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
TULLYNAUGHT DED	572.935					
TULLYNAUGHT DED	24527.34	Conifer forest	Young	Spruce	No	Coillte Teoranta
TULLYNAUGHT DED	197750.6	Planting Grant App	Young	Unknown	Yes	Private
TULLYNAUGHT DED	21929.7	Planting Grant App	Young	Unknown	Yes	Private
TULLYNAUGHT DED	4122.84	Broadleaf forest	Mature	Other Broadleaves	No	Private
TULLYNAUGHT DED	34156.72	Conifer forest	Young	Spruce	Yes	Coillte Teoranta
TULLYNAUGHT DED	101924.4	Conifer forest	Mature	Spruce	No	Coillte Teoranta
TULLYNAUGHT DED	12257.52					
TULLYNAUGHT DED	36790.28	Conifer forest	Mature	Pine	No	Coillte Teoranta
TULLYNAUGHT DED	10536.38	Conifer forest	Young	Pine/Spruce mix	No	Coillte Teoranta
TULLYNAUGHT DED	11906.62	Conifer forest	Young	Spruce	No	Coillte Teoranta
TULLYNAUGHT DED	8165.09	Cleared			No	Coillte

						Teoranta
TULLYNAUGHT DED	1727.41					
TULLYNAUGHT DED	135560.8	Planting Grant App	Young	Unknown	Yes	Private
TULLYNAUGHT DED	65150.78	Conifer forest	Mature	Pine/Spruce mix	No	Coillte Teoranta
TULLYNAUGHT DED	37992.38	Conifer forest	Mature	Spruce	No	Coillte Teoranta
TULLYNAUGHT DED	439912.1	Planting Grant App	Young	Unknown	Yes	Private
TULLYNAUGHT DED	10117.02	Conifer forest	Young	Spruce	No	Coillte Teoranta

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Appendix D1

The Donegal Bay River Water Sampling Results

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	Date											
Station	05/4/00	03/5/00	25/5/00	14/6/00	05/7/00	26/7/00	12/9/00	04/10/00	09/11/00	14/12/00	25/1/01	28/3/01
Main Rd.	7.70	14.70	12.90	16.00	17.30	17.50	15.50	11.30	8.70	6.10	3.50	5.30
Pound Br.	8.00	13.40	13.20	16.20	17.10	16.70	15.00	11.30	9.00	6.50	4.00	5.70

Temperature (°C) recordings on the Abbey River.

	Date											
Station	05/4/00	03/5/00	25/5/00	14/6/00	05/7/00	26/7/00	12/9/00	04/10/00	09/11/00	14/12/00	25/1/01	28/3/01
Main Rd.	7.96	8.36	7.89	7.75	8.07	8.12	8.26	7.68	7.90	7.81	8.14	7.97
Pound Br.	8.16	8.52	8.03	8.08	8.36	8.36	8.39	8.02	8.07	7.97	8.03	8.15

pH recordings on the Abbey River.

	Date											
Station	05/4/00	03/5/00	25/5/00	14/6/00	05/7/00	26/7/00	12/9/00	04/10/00	09/11/00	14/12/00	25/1/01	28/3/01
Main Rd.	312	362	350	328	322	392	314	296	259	234	252	258
Pound Br.	392	438	410	306	390	434	374	364	341	298	309	316

Conductivity (cms) recordings on the Abbey River.

	Date											
Station	05/4/00	03/5/00	25/5/00	14/6/00	05/7/00	26/7/00	12/9/00	04/10/00	09/11/00	14/12/00	25/1/01	28/3/01
Main Rd.	12.02	11.44	10.44	9.19	9.74	9.44	9.46	9.48	10.62	9.84	10.63	9.85
Pound Br.	12.45	8.79	9.94	9.17	9.40	9.39	9.59	9.56	10.60	10.95	10.71	10.04

Dissolved Oxygen (mg/l) recordings on the Abbey River.

	Date											
Station	05/4/00	03/5/00	25/5/00	14/6/00	05/7/00	26/7/00	12/9/00	04/10/00	09/11/00	14/12/00	25/1/01	28/3/01
Main Rd.	0.56	0.31	3.02	0.65	1.33	0.68	0.46	0.26	0.89	0.68	1.44	1.50
Pound Br.	0.82	0.36	0.82	0.68	0.59	0.74	0.42	0.34	1.16	0.75	1.32	0.81

B.O.D. (mg/l) recordings on the Abbey River.

	Date											
Station	05/4/00	03/5/00	25/5/00	14/6/00	05/7/00	26/7/00	12/9/00	04/10/00	09/11/00	14/12/00	25/1/01	28/3/01
Main Rd.	1.20	1.40	37.00	3.20	17.20	2.60	4.80	1.80	2.00	6.20	2.20	3.60
Pound Br.	0.60	2.20	3.20	3.60	6.80	3.00	2.60	3.00	1.00	3.80	4.00	4.20

Suspended Solids (mg/l) recordings on the Abbey River.

	Date											
Station	05/4/00	03/5/00	25/5/00	14/6/00	05/7/00	26/7/00	12/9/00	04/10/00	09/11/00	14/12/00	25/1/01	28/3/01
Main Rd.	0.01	0.01	0.01	0.01	<0.01	0.01	0.01	0.05	<0.01	0.01	<0.01	0.02
Pound Br.	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.07	0.01

NH₃ as N (mg/l) recordings on the Abbey River.

	Date											
Station	05/4/00	03/5/00	25/5/00	14/6/00	05/7/00	26/7/00	12/9/00	04/10/00	09/11/00	14/12/00	25/1/01	28/3/01
Main Rd.	0.01	0.03	<0.01	0.01	0.02	0.05	<0.01	0.02	0.01	0.01	0.01	0.02
Pound Br.	<0.01	<0.01	0.01	0.01	0.01	0.01	0.07	0.01	0.01	0.02	0.01	0.01

NO₂ as N (mg/l) recordings on the Abbey River.

	Date											
Station	05/4/00	03/5/00	25/5/00	14/6/00	05/7/00	26/7/00	12/9/00	04/10/00	09/11/00	14/12/00	25/1/01	28/3/01
Main Rd.	0.24	0.13	0.13	0.11	0.21	0.21	0.07	0.28	0.24	0.29	<0.01	0.37
Pound Br.	0.07	0.19	0.21	0.26	0.27	0.38	0.18	0.41	0.56	0.55	0.65	0.54

NO₃ as N (mg/l) recordings on the Abbey River.

	Date											
Station	05/4/00	03/5/00	25/5/00	14/6/00	05/7/00	26/7/00	12/9/00	04/10/00	09/11/00	14/12/00	25/1/01	28/3/01
Main Rd.	0.01	<0.01	0.00	<0.01	<0.01	<0.01	0.01	0.00	0.02	0.02	<0.01	<0.01
Pound Br.	<0.01	<0.01	<0.01	<0.01	0.00	<0.01	0.00	0.00	0.03	0.03	0.01	<0.01
EU Limit	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02

PO₄ (mg/l) recordings on the Abbey River.

	Date											
Station	05/4/00	03/5/00	25/5/00	14/6/00	26/7/00	12/9/00	04/10/00	09/11/00	14/12/00	25/1/01	28/3/01	
Main Rd.	0.14	0.01	0.03	0.01	0.01	0.03	0.02	<0.01	0.03	0.02	0.01	
Pound Br.	0.12	0.01	0.04	0.03	0.02	0.02	0.02	0.01	0.05	0.04	<0.01	

Total P (mg/l) recordings on the Abbey River.

	Date										
Station	05/4/00	03/5/00	25/5/00	14/6/00	05/7/00	26/7/00	12/9/00	04/10/00	09/11/00	25/1/01	
Main Rd.	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Pound Br.	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	

Cu (mg/l) recordings on the Abbey River.

	Date									
Station	05/4/00	03/5/00	25/5/00	14/6/00	05/7/00	26/7/00	12/9/00	04/10/00	09/11/00	25/1/01
Main Rd.	0.029	<0.018	<0.018	<0.018	0.033	<0.018	<0.018	<0.018	<0.018	<0.018
Pound Br.	0.027	<0.018	<0.018	<0.018	0.036	<0.018	<0.018	<0.018	<0.018	<0.018

Zn (mg/l) recordings on the Abbey River.

	Date											
Station	02/5/00	24/05/00	15/06/00	04/7/00	25/07/00	06/9/00	03/10/00	08/11/00	13/12/00	23/1/01	22/2/01	15/3/01
u/s Durnesh Lake	9.90	10.00	12.00	15.00	15.60	12.80	13.20	8.80	7.80	5.80	7.50	6.60

Temperature (°C) recordings on the Birra Stream.

	Date											
Station	02/5/00	24/05/00	15/06/00	04/7/00	25/07/00	06/9/00	03/10/00	08/11/00	13/12/00	23/1/01	22/2/01	15/3/01
u/s Durnesh Lake	8.25	7.98	7.89	7.96	8.09	8.58	7.99	8.09	7.99	8.02	8.02	8.26

pH recordings on the Birra Stream.

	Date											
Station	02/5/00	24/05/00	15/06/00	04/7/00	25/07/00	06/9/00	03/10/00	08/11/00	13/12/00	23/1/01	22/2/01	15/3/01
u/s Durnesh Lake	648	710	686	728	682	628	518	568	409	485	518	475

Conductivity (cms) recordings on the Birra Stream.

	Date											
Station	02/5/00	24/05/00	15/06/00	04/7/00	25/07/00	06/9/00	03/10/00	08/11/00	13/12/00	23/1/01	22/2/01	15/3/01
u/s Durnesh Lake	10.76	10.89	9.90	8.80	8.62	9.56	8.80	10.08	10.62	9.02	11.00	11.87

Dissolved Oxygen (mg/l) recordings on the Birra Stream.

	Date											
Station	02/5/00	24/05/00	15/06/00	04/7/00	25/07/00	06/9/00	03/10/00	08/11/00	13/12/00	23/1/01	22/2/01	15/3/01
u/s Durnesh Lake	0.01	0.57	0.77	1.05	1.02	1.10	0.63	0.94	0.66	2.72	0.62	0.44

B.O.D. (mg/l) recordings on the Birra Stream.

	Date											
Station	02/5/00	24/05/00	15/06/00	04/7/00	25/07/00	06/9/00	03/10/00	08/11/00	13/12/00	23/1/01	22/2/01	15/3/01
u/s Durnesh Lake	6.60	0.80	5.60	10.80	4.20	1.40	9.40	0.80	6.00	6.20	2.60	2.40

Suspended Solids (mg/l) recordings on the Birra Stream.

	Date											
Station	02/5/00	24/05/00	15/06/00	04/7/00	25/07/00	06/9/00	03/10/00	08/11/00	23/1/01	22/2/01	15/3/01	
u/s Durnesh Lake	0.03	0.23	0.02	0.03	0.05	<0.01	0.03	0.73	0.41	<0.01	<0.01	

NH₃ as N (mg/l) recordings on the Birra Stream.

	Date											
Station	02/5/00	24/05/00	15/06/00	04/7/00	25/07/00	06/9/00	03/10/00	08/11/00	23/1/01	22/2/01	15/3/01	
u/s Durnesh Lake	0.02	0.19	0.07	<0.01	0.02	0.08	0.04	0.05	0.06	0.03	0.01	

NO₂ as N (mg/l) recordings on the Birra Stream.

	Date											
Station	02/5/00	24/05/00	15/06/00	04/7/00	25/07/00	06/9/00	03/10/00	08/11/00	23/1/01	22/2/01	15/3/01	
u/s Durnesh Lake	2.02	4.06	1.85	1.10	0.49	1.04	2.96	0.60	2.16	3.18	2.74	

NO₃ as N (mg/l) recordings on the Birra Stream.

	Date											
Station	02/5/00	24/05/00	15/06/00	04/7/00	25/07/00	06/9/00	03/10/00	08/11/00	23/1/01	22/2/01	15/3/01	
u/s Durnesh Lake	0.02	0.00	0.00	0.00	0.01	0.01	0.01	<0.01	0.02	0.01	<0.01	

PO₄ (mg/l) recordings on the Birra Stream.

	Date											
Station	02/5/00	24/05/00	15/06/00	04/7/00	25/07/00	06/9/00	03/10/00	08/11/00	13/12/00	23/1/01	22/2/01	15/3/01
u/s Durnesh Lake		0.05		0.10	0.06	0.06	0.06	0.03	0.01	0.02	0.04	0.04

Total P (mg/l) recordings on the Birra Stream.

	Date											
Station	02/5/00	24/05/00	15/06/00	04/7/00	25/07/00	06/9/00	03/10/00	08/11/00	23/1/01	22/2/01	15/3/01	
u/s Durnesh Lake	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	

Cu (mg/l) recordings on the Birra Stream.

	Date										
Station	02/5/00	24/05/00	15/06/00	04/7/00	25/07/00	06/9/00	03/10/00	08/11/00	23/1/01	22/2/01	15/3/01
u/s Durnesh Lake	0.027	<0.018	0.019	0.038	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018

Zn (mg/l) recordings on the Birra Stream.

	Date											
Station	05/4/00	03/5/00	24/5/00	15/6/00	05/7/00	27/7/00	07/9/00	15/11/00	14/12/00	25/1/01	22/2/01	28/3/01
Bradoge Bridge	4.20	11.50	10.60	13.40	15.70	15.60	14.60	7.80	6.00	3.50	7.40	5.00
Bundoran Bridge	4.20	12.00	11.50	15.30	16.10	16.20	14.30	8.00	6.00	3.40	7.40	5.30

Temperature (°C) recordings on the Bradoge River.

	Date												
Station	05/4/00	03/5/00	24/5/00	15/6/00	05/7/00	27/7/00	07/9/00	05/10/00	15/11/00	14/12/00	25/1/01	22/2/01	28/3/01
Bradoge Bridge	7.76	8.4	7.9	7.67	8.01	7.71	8.16	7.81	7.68	7.73	7.89	8.13	8.10
Bundoran Bridge	7.91	8.24	8.11	7.87	7.99	7.74	8.15	7.88	7.99	7.74	7.82	8.09	8.04

pH recordings on the Bradoge River.

	Date												
Station	05/4/00	03/5/00	24/5/00	15/6/00	05/7/00	27/7/00	07/9/00	05/10/00	15/11/00	14/12/00	25/1/01	22/2/01	28/3/01
Bradoge Bridge	248	436	400	434	518	452	384	304	271	208	243	373	343
Bundoran Bridge	408	440	424	438	538	512	402	303	281	198	244	376	339

Conductivity (cms) recordings on the Bradoge River.

	Date												
Station	05/4/00	03/5/00	24/5/00	15/6/00	05/7/00	27/7/00	07/9/00	05/10/00	15/11/00	14/12/00	25/1/01	22/2/01	28/3/01
Bradoge Bridge	13.84	11.33	10.51	9.04	8.10	7.04	9.10	9.66	9.90	9.68	10.67	10.91	11.46
Bundoran Bridge	13.05	12.22	11.29	9.03	8.30	7.51	9.30	9.58	10.03	9.78	10.69	10.74	11.12

Dissolved Oxygen (mg/l) recordings on the Bradoge River.

	Date												
Station	05/4/00	03/5/00	24/5/00	15/6/00	05/7/00	27/7/00	07/9/00	05/10/00	15/11/00	14/12/00	25/1/01	22/2/01	28/3/01
Bradoge Bridge	1.44	0.19	1.47	1.52	1.79	7.21	0.55	1.15	0.93	0.88	1.36	0.68	1.22
Bundoran Bridge	0.82	0.27	1.04	0.69	0.90	4.79	0.25	0.95	0.65	0.93	1.36	0.79	1.38

B.O.D. (mg/l) recordings on the Bradoge River.

	Date												
Station	05/4/00	03/5/00	24/5/00	15/6/00	05/7/00	27/7/00	07/9/00	05/10/00	15/11/00	14/12/00	25/1/01	22/2/01	28/3/01
Bradoge Bridge	2.60	2.80	3.20	3.00	1.20	7.60	3.20	11.60	3.20	4.00	7.60	4.60	13.40
Bundoran Bridge	3.60	2.40	3.40	2.40	2.20	7.40	3.20	12.40	3.60	6.80	8.40	0.20	25.40

Suspended Solids (mg/l) recordings on the Bradoge River.

	Date												
Station	05/4/00	03/5/00	24/5/00	15/6/00	05/7/00	27/7/00	07/9/00	05/10/00	14/12/00	25/1/01	22/2/01	28/3/01	
Bradoge Bridge	<0.01	<0.01	<0.01	0.01	0.02	<0.01	0.02	0.02	0.01	<0.01	0.07	0.13	
Bundoran Bridge	<0.01	0.01	0.22	0.02	0.03	0.17	<0.01		0.01	<0.01	0.02	0.18	

NH₃ as N (mg/l) recordings on the Bradoge River.

	Date												
Station	05/4/00	03/5/00	24/5/00	15/6/00	05/7/00	27/7/00	07/9/00	05/10/00	14/12/00	25/1/01	22/2/01	28/3/01	
Bradoge Bridge	<0.01	0.02	0.02	<0.01	<0.01	0.05	<0.01	<0.01	0.03	0.02	0.01	0.02	
Bundoran Bridge	<0.01	0.05	<0.01	0.02	<0.01	0.03	0.07		0.03	0.05	0.02	0.03	

NO₂ as N (mg/l) recordings on the Bradoge River.

	Date												
Station	05/4/00	03/5/00	24/5/00	15/6/00	05/7/00	27/7/00	07/9/00	05/10/00	14/12/00	25/1/01	22/2/01	28/3/01	
Bradoge Bridge	0.04	0.18	0.08	0.25	0.12	<0.01	0.13	0.07	0.08	<0.01	0.48	0.41	
Bundoran Bridge	0.04	0.09	0.07	0.2	0.13	0.16	0.09		0.08	0.03	0.44	0.42	

NO₃ recordings on the Bradoge River.

	Date												
Station	05/4/00	03/5/00	24/5/00	15/6/00	05/7/00	27/7/00	07/9/00	05/10/00	14/12/00	25/1/01	22/2/01	28/3/01	
Bradoge Bridge	0.01	<0.01	0.01	<0.01	<0.01	<0.01	0.01	0.01	0.03	<0.01	0.01	<0.01	
Bundoran Bridge	0.01	0.01	3.65	<0.01	0.02	0.03	0.01		0.04	0.02	<0.01	0.07	
EPA Standard	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	

PO₄ (mg/l) recordings on the Bradoge River.

	Date												
Station	05/4/00	03/5/00	24/5/00	15/6/00	05/7/00	27/7/00	07/9/00	05/10/00	15/11/00	14/12/00	25/1/01	22/2/01	28/3/01
Bradoge Bridge	0.035	0.03	0.07	0.09	0.06	0.07	0.07	0.08	0.03	0.10	0.01	0.04	1.16
Bundoran Bridge	0.046	0.03	0.05	0.07		0.09	0.06	0.10	0.04	0.04	0.03	0.06	0.18

Total P (mg/l) recordings on the Bradoge River.

Station	Date									
	05/4/00	03/5/00	24/5/00	15/6/00	05/7/00	27/7/00	07/9/00	05/10/00	25/1/01	22/2/01
Bradoge Bridge	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Bundoran Bridge	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the Bradoge River.

Station	Date									
	05/4/00	03/5/00	24/5/00	15/6/00	05/7/00	27/7/00	07/9/00	05/10/00	25/1/01	22/2/01
Bradoge Bridge	0.024	<0.018	<0.018	0.026	0.034	<0.018	<0.018	<0.018	<0.018	<0.018
Bundoran Bridge	0.029	<0.018	<0.018	0.023	0.033	0.037	<0.018	<0.018	<0.018	<0.018

Zn (mg/l) recordings on the Bradoge River.

Station	Date							
	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	13/12/00	23/1/01	27/3/01
Bridge W of Lough Nadarragh	15.20	15.00	13.60	11.60	7.30	6.25	4.00	4.70
Bridge near Old Flax Mill	15.70	15.90	13.60	11.80	7.30	6.50	4.50	4.70

Temperature (°C) recordings on the Bridgetown River.

Station	Date							
	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	13/12/00	23/1/01	27/3/01
Bridge W of Lough Nadarragh	7.02	7.27	5.35	5.08	6.18	7.97	7.68	7.20
Bridge near Old Flax Mill	7.28	8.02	7.43	6.53	7.20	6.30	7.22	7.66

pH recordings on the Bridgetown River.

Station	Date							
	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	13/12/00	23/1/01	27/3/01
Bridge W of Lough Nadarragh	86	92	58	56	62	43	50	77
Bridge near Old Flax Mill	124	134	86	64	84	59	75	132

Conductivity (cms) recordings on the Bridgetown River.

Station	Date							
	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	13/12/00	23/1/01	27/3/01
Bridge W of Lough Nadarragh	9.39	9.45	9.70	8.95	10.37	11.32	9.67	11.61
Bridge near Old Flax Mill	9.46	9.57	9.78	8.90	9.81	11.57	10.08	11.44

Dissolved Oxygen (mg/l) recordings on the Bridgetown River.

Station	Date							
	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	13/12/00	23/1/01	27/3/01
Bridge W of Lough Nadarragh	0.40	2.60	3.00	0.80	5.60	2.00	1.20	0.80
Bridge near Old Flax Mill	1.60	2.00	3.20	4.00	1.40	3.60	4.00	0.20

Suspended Solids (mg/l) recordings on the Bridgetown River.

Station	Date							
	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	23/1/01	27/3/01	
Bridge W of Lough Nadarragh	0.03	<0.01	<0.01	<0.01		0.07	0.02	
Bridge near Old Flax Mill	0.02	<0.01	<0.01	<0.01	<0.01	0.01	0.03	

NH₃ as N (mg/l) recordings on the Bridgetown River.

Station	Date							
	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	23/1/01	27/3/01	
Bridge W of Lough Nadarragh	0.00	0.06	0.02	0.02		0.03	0.03	
Bridge near Old Flax Mill	0.00	0.06	0.01	0.03	0.02	0.02	0.04	

NO₂ as N (mg/l) recordings on the Bridgetown River.

Station	Date							
	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	23/1/01	27/3/01	
Bridge W of Lough Nadarragh	0.03	<0.01	0.03	0.01		<0.01	0.02	
Bridge near Old Flax Mill	0.04	0.09	0.06	0.02	0.02	0.03	0.23	

NO₃ as N (mg/l) recordings on the Bridgetown River.

Station	Date							
	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	13/12/00	23/1/01	27/3/01
Bridge W of Lough Nadarragh	0.04	0.05	0.03	0.03	0.01	0.04	0.02	0.01
Bridge near Old Flax Mill	0.04	0.10	0.04	0.06	0.01	0.08	0.03	<0.01

Total P (mg/l) recordings on the Bridgetown River.

Station	Date						
	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	23/1/01	27/3/01
Bridge W of Lough Nadarragh	0.02	<0.01	<0.01	0.01		<0.01	<0.01
Bridge near Old Flax Mill	<0.01	<0.01	<0.01	0.01	0.03	0.02	<0.01
EPA Standard	0.02	0.02	0.02	0.02	0.02	0.02	0.02

PO₄ (mg/l) recordings on the Bridgetown River.

Station	Date							
	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	13/12/00	23/1/01	27/3/01
Bridge W of Lough Nadarragh	0.05	0.67	2.01	0.50	0.97	0.81	1.25	0.81
Bridge near Old Flax Mill	0.34	1.00	1.83	1.54	0.83	1.38	1.62	0.59

B.O.D. (mg/l) recordings on the Bridgetown River.

Station	Date						
	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	23/1/01	27/3/01
Bridge W of Lough Nadarragh	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Bridge near Old Flax Mill	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the Bridgetown River.

Station	Date						
	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	23/1/01	27/3/01
Bridge W of Lough Nadarragh	0.027	<0.018	<0.018	<0.018	<0.018	<0.018	0.038
Bridge near Old Flax Mill	0.035	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018

Zn (mg/l) recordings on the Bridgetown River.

Station	Date									
	23/03/00	19/04/00	16/05/00	06/6/00	27/06/00	13/07/00	22/08/00	05/12/00	11/1/00	15/2/01
Bridge W of Ardara Station	7.10	6.80	14.80	14.00	17.80	13.70	14.80	9.80	1.75	5.50
Bridge W of Tullaghacullion						13.80	14.90	9.85	1.75	5.60

Temperature (°C) recordings on the Bungosteen River.

	Date									
Station	23/03/00	19/04/00	16/05/00	6/6/00	27/06/00	13/07/00	22/08/00	05/12/00	11/1/00	15/2/01
Bridge W of Ardara Station	7.41	7.52	8.42	6.9	6.99	7.37	7.41	5.96	7.44	7.15
Bridge W of Tullaghacullion						7.39	7.57	6.58	7.46	7.32

pH recordings on the Bungosteen River.

	Date									
Station	23/03/00	19/04/00	16/05/00	6/6/00	27/06/00	13/07/00	22/08/00	05/12/00	11/1/00	15/2/01
Bridge W of Ardara Station	120	118	130	102	116	114	116	62	127	198
Bridge W of Tullaghacullion						116	118	61	123	208

Conductivity (cms) recordings on the Bungosteen River.

	Date									
Station	23/03/00	19/04/00	16/05/00	6/6/00	27/06/00	13/07/00	22/08/00	05/12/00	11/1/00	15/2/01
Bridge W of Ardara Station	11.94	9.71	12.16	10.15	9.19	9.88	9.42	10.11	0.09	9.61
Bridge W of Tullaghacullion						9.86	9.3	10.07	0.08	9.66

Dissolved Oxygen (mg/l) recordings on the Bungosteen River.

	Date									
Station	23/03/00	19/04/00	16/05/00	6/6/00	27/06/00	13/07/00	22/08/00	05/12/00	11/1/00	15/2/01
Bridge W of Ardara Station		1.80	2.40	1.80	0.00	0.80	1.20	0.20	1.00	6.20
Bridge W of Tullaghacullion						0.20	2.40	0.20	0.40	7.00

Suspended Solids (mg/l) recordings on the Bungosteen River.

	Date									
Station	23/03/00	19/04/00	16/05/00	6/6/00	13/07/00	22/08/00	26/9/00	11/1/00	15/2/01	
Bridge W of Ardara Station	0.06	0.01	0.01	<0.01	0.08	<0.01	0.16	0.46	1.04	
Bridge W of Tullaghacullion					0.04	<0.01	0.25	0.29	1.04	

NH₃ as N (mg/l) recordings on the Bungosteen River.

	Date									
Station	23/03/00	19/04/00	16/05/00	6/6/00	13/07/00	22/08/00	26/9/00	11/1/00	15/2/01	
Bridge W of Ardara Station	<0.01	0.01	0.03	0.02	0.01	0.02	0.02	<0.01	0.04	
Bridge W of Tullaghacullion					0.03	0.01	0.02	0.01	0.03	

NO₂ as N (mg/l) recordings on the Bungosteen River.

	Date								
Station	23/03/00	19/04/00	16/05/00	6/6/00	13/07/00	22/08/00	26/9/00	11/1/00	15/2/01
Bridge W of Ardara Station	0.14	0.04	0.007	0.14	0.26	0.14	0.09	0.09	0.28
Bridge W of Tullaghacullion					0.25	0.17	0.17	0.08	0.34

NO₃ as N (mg/l) recordings on the Bungosteen River.

	Date									
Station	23/03/00	19/04/00	16/05/00	6/6/00	27/06/00	13/07/00	22/08/00	05/12/00	11/1/00	15/2/01
Bridge W of Ardara Station		0.01	0.02	0.04	0.03		0.03	0.03	0.02	0.29
Bridge W of Tullaghacullion						0.03		0.03	<0.01	0.45

Total P (mg/l) recordings on the Bungosteen River.

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Station	Date									Median
	23/03/00	19/04/00	16/05/00	6/6/00	13/07/00	22/08/00	26/9/00	11/1/00	15/2/01	
Bridge W of Ardara Station	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	0.29	0.15
Bridge W of Tullaghacullion					<0.01	<0.01	<0.01	<0.01	0.45	0.45
EPA Standard	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	

PO₄ (mg/l) recordings on the Bungosteen River.

Station	Date									Median
	23/03/00	19/04/00	16/05/00	6/6/00	27/06/00	13/07/00	22/08/00	05/12/00	11/1/00	
Bridge W of Ardara Station	1.79	1.07	1.78	1.10	0.84	1.63	0.66	1.40	0.21	9.34
Bridge W of Tullaghacullion						1.63	0.62	0.97	0.30	8.90

B.O.D. (mg/l) recordings on the Bungosteen River.

Station	Date									Median
	23/03/00	19/04/00	16/05/00	6/6/00	27/06/00	13/07/00	22/08/00	05/12/00	11/1/00	
Bridge W of Ardara Station	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Bridge W of Tullaghacullion						<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the Bungosteen River.

Station	Date									Median
	23/03/00	19/04/00	16/05/00	6/6/00	27/06/00	13/07/00	22/08/00	05/12/00	11/1/00	
Bridge W of Ardara Station	<0.018	0.025	<0.018	<0.018	0.024	0.030	<0.018	<0.018	<0.018	<0.018
Bridge W of Tullaghacullion						0.033	<0.018	<0.018	0.027	<0.018

Zn (mg/l) recordings on the Bungosteen River.

	Date										
Station	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	01/11/00	07/12/00	16/1/01
Bridge near Lisavaddy	6.30	6.60	13.50	12.30	21.80	18.00	14.50	10.70	8.00	7.80	0.20
Bunlacky Bridge	5.20	7.10	12.30	11.90	18.00	15.40	14.20	10.80	8.00	7.80	0.20

Temperature (°C) recordings on the Bunlacky River.

	Date										
Station	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	01/11/00	07/12/00	16/1/01
Bridge near Lisavaddy	7.67	7.98	8.47	7.33	8.44	8.60	7.76	7.45	7.40	8.05	8.02
Bunlacky Bridge	7.61	8.42	8.21	7.42	8.23	8.50	8.14	7.98	7.64	8.31	8.19

pH recordings on the Bunlacky River.

	Date										
Station	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	01/11/00	07/12/00	16/1/01
Bridge near Lisavaddy	196	200	312	110	268	304	132	130	107	138	205
Bunlacky Bridge	208	214	344	116	264	300	150	150	121	160	254

Conductivity (cms) recordings on the Bunlacky River.

	Date										
Station	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	01/11/00	07/12/00	16/1/01
Bridge near Lisavaddy	12.02	10.56	11.16	10.44	9.15	10.98	9.45	10.01	10.72	10.24	10.50
Bunlacky Bridge	12.25	10.58	11.14	10.52	9.26	10.76	9.41	10.09	10.57	10.27	12.50

Dissolved Oxygen (mg/l) recordings on the Bunlacky River.

	Date										
Station	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	01/11/00	07/12/00	16/1/01
Bridge near Lisavaddy	3.20	2.80	1.60	5.40	10.40	1.80	2.60	1.60	0.20	2.60	1.80
Bunlacky Bridge	2.00	12.20	0.40	7.40	0.20	1.80	3.00	2.00	0.20	1.40	2.60

Suspended Solids (mg/l) recordings on the Bunlacky River.

	Date										
Station	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	01/11/00	16/1/01	
Bridge near Lisavaddy	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	0.06	
Bunlacky Bridge	<0.01	0.01	<0.01	<0.01	0.01	<0.01	<0.01	0.01	0.03	0.01	

NH₃ as N (mg/l) recordings on the Bunlacky River.

Station	Date									
	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	01/11/00	16/1/01
Bridge near Lisavaddy	0.01	<0.01	0.02	0.02	<0.01	0.02	0.03	0.02	0.01	0.01
Bunlacky Bridge	0.02	<0.01	0.01	0.02	<0.01	<0.01	0.01	<0.01	0.02	0.02

NO₂ as N (mg/l) recordings on the Bunlacky River.

Station	Date									
	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	01/11/00	16/1/01
Bridge near Lisavaddy	0.02	0.09	<0.01	0.01	<0.01	0.02	<0.01	0.04	0.01	<0.01
Bunlacky Bridge	<0.01	0.06	0.02	0.03	0.03	0.06	0.07	0.04	0.03	0.02

NO₃ as N (mg/l) recordings on the Bunlacky River.

Station	Date										
	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	01/11/00	07/12/00	16/1/01
Bridge near Lisavaddy	0.01	0.02	0.024	0.02	0.02	0.03	0.05	0.03	<0.01	0.05	0.02
Bunlacky Bridge		0.04	0.011	0.04	0.02	0.01	0.03	0.03	0.19	0.08	<0.01

Total P (mg/l) recordings on the Bunlacky River.

Station	Date										Median
	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	01/11/00	16/1/01	
Bridge near Lisavaddy	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	<0.01	0.04	<0.01	0.01
Bunlacky Bridge	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.11	<0.01	0.01
EPA Standard	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	

PO₄ (mg/l) recordings on the Bunlacky River.

Station	Date										
	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	01/11/00	07/12/00	16/1/01
Bridge near Lisavaddy	1.14	0.53	0.92	1.54	0.96	0.47	0.93	1.14	1.02	2.55	1.68
Bunlacky Bridge	0.78	0.47	0.77	1.70	0.33	2.36	0.89	1.32	0.98	0.93	1.08

B.O.D. (mg/l) recordings on the Bunlacky River.

	Date									
Station	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	01/11/00	16/1/01
Bridge near Lisavaddy	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	0.39
Bunlacky Bridge	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the Bunlacky River.

	Date									
Station	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	01/11/00	16/1/01
Bridge near Lisavaddy		<0.018	<0.018	0.026	<0.018	0.022	<0.018		<0.018	0.225
Bunlacky Bridge	0.942	<0.018	<0.018	0.025	<0.018	0.022	<0.018	<0.018	<0.018	<0.018

Zn (mg/l) recordings on the Bunlacky River.

	Date										
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Clogher Bridge	7.40	7.10	9.60	11.40	17.90	17.00	14.60	11.80	7.80	0.90	5.70

Temperature (°C) recordings on the Clogher River.

	Date											
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Clogher Bridge	7.37	6.85	6.38	6.52	7.17	7.33	7.16	6.90	6.77	7.35	7.06	7.27

pH recordings on the Clogher River.

	Date											
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Clogher Bridge	92	56	82	64	90	98	74	44	55	51	78	40

Conductivity (cms) recordings on the Clogher River.

	Date											
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Clogher Bridge	11.60	9.94	10.62	10.64	8.92	9.65	9.59	9.77	10.95	10.44	12.50	12.23

Dissolved Oxygen (mg/l) recordings on the Clogher River.

Station	Date											
	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Clogher Bridge	1.60	1.40	6.20	25.40	1.40	0.40	0.40	15.60	0.20	0.20	0.20	0.20

Suspended Solids (mg/l) recordings on the Clogher River.

Station	Date											
	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01	
Clogher Bridge	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.01	<0.01	<0.01	

NH₃ as N (mg/l) recordings on the Clogher River.

Station	Date											
	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01	
Clogher Bridge	<0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.02	0.01	0.01	

NO₂ as N (mg/l) recordings on the Clogher River.

Station	Date											
	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01	
Clogher Bridge	0.02	<0.01	0.04	<0.01	0.09	0.06	0.01	<0.01	0.02	<0.01	0.02	

NO₃ as N (mg/l) recordings on the Clogher River.

Station	Date									
	30/3/00	27/4/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01	
Clogher Bridge	0.01	<0.01	0.01	0.01	0.02	0.03	0.01	<0.01	0.17	

Total P (mg/l) recordings on the Clogher River.

Station	Date												Median
	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01		
Clogher Bridge	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.01	<0.01	<0.01	0.01	
EPA Standard	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	

PO₄ (mg/l) recordings on the Clogher River.

Station	Date											
	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Clogher Bridge	0.67	1.12	1.91	0.34	0.57	0.24	0.36	1.89	1.16	1.25	0.35	0.27

B.O.D. (mg/l) recordings on the Clogher River.

	Date										
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Clogher Bridge	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the Clogher River.

	Date										
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Clogher Bridge	<0.018	<0.018	0.026	<0.018	0.021	<0.018	<0.018	<0.018	<0.018	<0.018	0.035

Zn (mg/l) recordings on the Clogher River.

	Date										
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	9/27/00	11/2/00	1/18/01	3/14/01
Bridge u/s Lough Eske	6.80	6.20	10.60	11.30	18.40	16.00	14.10	11.90	7.20	1.00	5.00

Temperature (°C) recordings on the Corabber River.

	Date											
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Bridge u/s Lough Eske	6.65	6.27	6.11	6.10	6.30	7.15	6.90	5.69	6.60	7.35	6.96	7.00

pH recordings on the Corabber River.

	Date											
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Bridge u/s Lough Eske	58	46	54	48	50	50	42	24	43	36	49	55

Conductivity (cms) recordings on the Corabber River.

	Date											
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Bridge u/s Lough Eske	11.81	9.9	10.49	10.89	9.05	9.83	9.74	9.75	10.83	10.57	7.46	10.25

Dissolved Oxygen (mg/l) recordings on the Corabber River.

	Date											
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Bridge u/s Lough Eske	12.20	1.80	1.40	0.80	1.00	0.40	0.20	13.60	0.20	0.20	0.40	0.20

Suspended Solids (mg/l) recordings on the Corabber River.

	Date									
Station	30/3/00	27/4/00	18/5/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Bridge u/s Lough Eske	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01

NH₃ as N (mg/l) recordings on the Corabber River.

	Date									
Station	30/3/00	27/4/00	18/5/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Bridge u/s Lough Eske	0.01	0.01	0.02	0.01	0.05	<0.01	0.01	0.01	0.02	0.01

NO₂ as N (mg/l) recordings on the Corabber River.

	Date									
Station	30/3/00	27/4/00	18/5/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Bridge u/s Lough Eske	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	0.01	<0.01	<0.01	0.02

NO₃ as N (mg/l) recordings on the Corabber River.

	Date									
Station	30/3/00	27/4/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Bridge u/s Lough Eske	0.003	0.02	<0.01	<0.01	<0.01	0.01	<0.01	0.04	<0.01	<0.01

Total P (mg/l) recordings on the Corabber River.

	Date									
Station	30/3/00	27/4/00	18/5/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Bridge u/s Lough Eske	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
EPA Standard	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02

PO₄ (mg/l) recordings on the Corabber River.

	Date											
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Bridge u/s Lough Eske	1.31	1.15	1.19	0.41	0.35	0.31	0.93	1.61	0.88	0.73	0.32	0.24

B.O.D. (mg/l) recordings on the Corabber River.

	Date										
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Bridge u/s Lough Eske	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the Corabber River.

	Date										
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Bridge u/s Lough Eske	<0.018	<0.018	0.025	<0.018	0.023	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018

Zn (mg/l) recordings on the Corabber River.

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Station	Date											
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	06/12/00	10/1/01	14/2/01
Cashlings Br.	8.00	7.50	18.10	12.30	16.60	14.40	16.60	13.20	11.00	8.40	2.90	4.50
Br. In Kilcar						14.20	15.90	13.00	11.00	8.40	2.60	3.90

Temperature (°C) recordings on the Ballaghdoe River.

Station	Date											
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	06/12/00	10/1/01	14/2/01
Cashlings Br.	7.15	7.15	6.95	6.72	6.80	7.15	6.73	7.46	6.62	6.98	6.92	7.01
Br. In Kilcar						7.64	7.17	7.98	7.04	7.11	7.02	7.50

pH recordings on the Ballaghdoe River.

Station	Date											
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	06/12/00	10/1/01	14/2/01
Cashlings Br.	126	126	134	134	142	146	120	110	81	98	97	101
Br. In Kilcar						158	122	118	83	95	99	104

Conductivity (cms) recordings on the Ballaghdoe River.

Station	Date											
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	06/12/00	10/1/01	14/2/01
Cashlings Br.	11.83	12.42	10.94	10.89	9.25	10.16	9.66	9.68	10.23	9.48	11.65	12.06
Br. In Kilcar						10.2	9.55	9.69	10.2	9.65	11.57	12.05

Dissolved Oxygen (mg/l) recordings on the Ballaghdoe River.

Station	Date											
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	06/12/00	10/1/01	14/2/01
Cashlings Br.	0.40	1.80	0.60	2.00	2.60	2.00	29.00	1.20	0.80	0.20	1.40	0.20
Br. In Kilcar						0.60	35.00	0.80	0.20	0.20	0.60	0.20

Suspended Solids (mg/l) recordings on the Ballaghdoe River.

Station	Date											
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	10/1/01	14/2/01	
Cashlings Br.	<0.01	<0.01	0.01	0.01	<0.01	0.00	0.00	0.01	0.00	0.07	0.01	
Br. In Kilcar						<0.01	0.00	0.00	0.00	<0.01	0.01	

NH₃ as N (mg/l) recordings on the Ballaghdoe River.

Station	Date										
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	10/1/01	14/2/01
Cashlings Br.	0.01	0.01	0.01	<0.01	<0.01	0.00	0.02	0.00	0.01	0.01	0.02
Br. In Kilcar						0.02	0.03	0.02	0.01	0.01	0.01

NO₂ as N (mg/l) recordings on the Ballaghdoe River.

Station	Date										
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	10/1/01	14/2/01
Cashlings Br.	0.03	0.07	0.06	0.07	0.04	0.01	0.08	0.03	0.07	0.03	0.09
Br. In Kilcar						0.01	0.03	0.04	0.06	0.03	0.10

NO₃ as N (mg/l) recordings on the Ballaghdoe River.

Station	Date											
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	06/12/00	10/1/01	14/2/01
Cashlings Br.	0.013	0.029	0.004	0.04	0.01		0.05	0.02	0.01	<0.01	0.05	0.01
Br. In Kilcar						0.01	0.06	0.02	0.01	<0.01	<0.01	0.02

Total P (mg/l) recordings on the Ballaghdoe River.

Station	Date											
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	06/12/00	10/1/01	14/2/01
Cashlings Br.	<0.01	0.01	0.01	<0.01	<0.01	0.00	0.00	0.00	0.00		0.04	<0.01
Br. In Kilcar						<0.01	0.01	0.00	0.00		<0.01	0.03

PO₄ (mg/l) recordings on the Ballaghdoe River.

Station	Date										
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	10/1/01	14/2/01
Cashlings Br.	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Br. In Kilcar						<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the Ballaghdoe River.

Station	Date										
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	10/1/01	14/2/01
Cashlings Br.	0.022	0.026	0.025	0.025	0.024	0.034	<0.018	<0.018	<0.018	<0.018	
Br. In Kilcar						0.033	<0.018	<0.018	<0.018	<0.018	<0.018

Zn (mg/l) recordings on the Ballaghdoe River.

	Date											
Station	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	06/12/00	10/1/01	14/2/01
Cashlings Br.	0.58	0.78	0.43	0.71	0.3	0.01	2.43	0.35	0.84	0.26	0.30	0.56
Br. In Kilcar						0.33	2.91	0.3	0.74	0.44	0.33	0.53
B.O.D. (mg/l) recordings on the Ballaghdoe River.												

	Date											
Station	06/4/00	02/5/00	24/5/00	15/6/00	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	13/12/00	23/1/01	27/3/01
Bridge NW Lough Garlagh More					18.10	16.30	13.70	12.00	7.00	6.00	6.92	
Aghnadullagh Bridge						17.20	15.00	12.20	7.20	6.50	7.67	5.80
Ballintra Bridge	7.40	11.80	12.60	15.60	16.20	16.80	15.00	12.30	7.80	6.50	7.80	5.80
Connor's Bridge	7.40	11.50	12.60	15.20	16.00	16.60	15.00	12.40	7.60	6.50	7.85	5.80

Temperature (°C) recordings on the Ballintra River.

	Date											
Station	06/4/00	02/5/00	24/5/00	15/6/00	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	13/12/00	23/1/01	27/3/01
Bridge NW Lough Garlagh More					7.00	7.49	6.34	5.73	7.02	6.41	6.92	
Aghnadullagh Bridge						7.70	8.00	7.22	7.63	7.34	7.67	7.70
Ballintra Bridge	7.55	8.23	8.13	7.92	7.63	7.98	8.37	7.56	7.72	7.32	7.80	7.85
Connor's Bridge	7.79	7.71	7.87	7.69	7.46	7.85	8.50	7.83	7.78	6.73	7.85	7.90

pH recordings on the Ballintra River.

	Date											
Station	06/4/00	02/5/00	24/5/00	15/6/00	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	13/12/00	23/1/01	27/3/01
Bridge NW Lough Garlagh More					104	106	68	54	71	43	52	
Aghnadullagh Bridge						172	162	156	129	93	116	145
Ballintra Bridge	144	146	144	160	186	136	168	166	140	103	122	153
Connor's Bridge	150	156	146	170	206	200	170	178	145	114	144	170

Conductivity (cms) recordings on the Ballintra River.

	Date											
Station	06/4/00	02/5/00	24/5/00	15/6/00	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	13/12/00	23/1/01	27/3/01
Bridge NW Lough Garlagh More					8.88	9.50	9.73	8.86	10.07	11.10	10.98	
Aghnadullagh Bridge						8.51	9.60	8.96	10.68	11.23	9.99	9.57
Ballintra Bridge	12.99	13.13	10.41	9.72	9.04	9.60	9.65	8.83	10.50	11.55	11.10	9.66
Connor's Bridge	11.91	10.18	9.85	8.92	8.81	8.33	9.60	8.89	10.32	11.52	11.04	10.97

Dissolved Oxygen (mg/l) recordings on the Ballintra River.

	Date											
Station	06/4/00	02/5/00	24/5/00	15/6/00	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	13/12/00	23/1/01	27/3/01
Bridge NW Lough Garlagh More					1.11	0.91	1.44	0.89	0.76	0.95	1.51	
Aghnadullagh Bridge						1.17	1.51	1.10	0.91	0.97	1.42	2.60
Ballintra Bridge	1.04	0.11	0.71	0.55	0.22	0.73	1.50	1.02	0.92	1.38	1.40	0.68
Connor's Bridge	0.99	0.05	0.84	0.79	1.09	1.36	1.49	1.43	1.06	1.00	1.48	0.79

B.O.D. (mg/l) recordings on the Ballintra River.

	Date											
Station	06/4/00	02/5/00	24/5/00	15/6/00	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	13/12/00	23/1/01	27/3/01
Bridge NW Lough Garlagh More					2.40	2.20	1.80	2.40	0.80	2.80	2.60	
Aghnadullagh Bridge						3.40	2.60	12.80	1.20	3.40	8.00	9.57
Ballintra Bridge	2.40	2.60	4.20	2.20	1.60	1.00	2.00	14.00	2.00	3.60	7.60	9.66
Connor's Bridge	2.00	2.20	3.20	10.00	1.20	1.60	3.60	14.40	3.40	3.20	6.20	10.97

Suspended Solids (mg/l) recordings on the Ballintra River.

	Date											
Station	06/4/00	02/5/00	24/5/00	15/6/00	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	23/1/01	27/3/01	
Bridge NW Lough Garlagh More					<0.01	0.02	<0.01	<0.01	<0.01	0.04		
Aghnadullagh Bridge						<0.01	0.01	<0.01	<0.01	<0.01	<0.01	
Ballintra Bridge	<0.01	0.01	<0.01	<0.01	0.03	<0.01	0.02	0.05	0.02	0.01	<0.01	
Connor's Bridge	0.02	0.05	0.01	0.11	0.01	0.11	0.02	0.02	<0.01	0.05	0.02	

NH₃ as N (mg/l) recordings on the Ballintra River.

Station	Date										
	06/4/00	02/5/00	24/5/00	15/6/00	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	23/1/01	27/3/01
Bridge NW Lough Garlagh More					<0.01	0.03	0.02	0.03	0.01	0.03	
Aghnadullagh Bridge						0.05	<0.01		0.02	0.01	0.01
Ballintra Bridge	0.01	0.01	0.02	0.02	<0.01	0.13	<0.01	0.02	<0.01	0.01	0.01
Connor's Bridge	0.01	0.02	0.02	0.02	0.04	0.05	0.02	0.03	0.02	0.01	0.01

NO₂ as N (mg/l) recordings on the Ballintra River.

Station	Date										
	06/4/00	02/5/00	24/5/00	15/6/00	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	23/1/01	27/3/01
Bridge NW Lough Garlagh More					0.07	0.19	0.05	0.02	<0.01	<0.01	
Aghnadullagh Bridge						0.18	0.13	0.31	0.16	0.04	0.19
Ballintra Bridge	0.02	0.05	0.01	0.09	0.16	0.19	0.37	0.35	0.14	0.18	0.44
Connor's Bridge	0.02	0.04	<0.01	0.14	0.29	0.40	0.45	0.38	0.18	0.17	0.23

NO₃ as N (mg/l) recordings on the Ballintra River.

Station	Date											Median
	06/4/00	02/5/00	24/5/00	15/6/00	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	23/1/01	27/3/01	
Bridge NW Lough Garlagh More					<0.01	0.01	<0.01	0.01	0.02	<0.01		0.01
Aghnadullagh Bridge						<0.01	0.01	0.01	<0.01	<0.01	0.02	0.01
Ballintra Bridge	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	0.01	0.01	<0.01	<0.01	0.01
Connor's Bridge	<0.01	<0.01	<0.01	0.03	0.05	0.05	<0.01	0.01	<0.01	0.01	0.01	0.02

PO₄ (mg/l) recordings on the Ballintra River.

Station	Date											
	06/4/00	02/5/00	24/5/00	15/6/00	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	13/12/00	23/1/01	27/3/01
Bridge NW Lough Garlagh More						0.06	0.01	0.03	0.01	<0.01	0.02	
Aghnadullagh Bridge						0.03	0.05	0.09	0.03	0.08	0.04	<0.01
Ballintra Bridge		0.029	0.03	0.04	0.03	0.04	0.06	0.07	0.06	0.04	0.04	0.32
Connor's Bridge	0.04	0.045	0.04	0.09	0.09	0.11	0.05	0.09	0.03	0.06	0.05	0.02

Total P (mg/l) recordings on the Ballintra River.

Station	Date									
	06/4/00	02/5/00	24/5/00	15/6/00	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	23/1/01
Bridge NW Lough Garlagh More					<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Aghnadullagh Bridge						<0.02	<0.02	<0.02	<0.02	<0.02
Ballintra Bridge	<0.02	<0.02	<0.02	<0.02	0.022	<0.02	<0.02	<0.02	<0.02	<0.02
Connor's Bridge	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the Ballintra River.

Station	Date									
	06/4/00	02/5/00	24/5/00	15/6/00	04/7/00	25/7/00	06/9/00	03/10/00	08/11/00	23/1/01
Bridge NW Lough Garlagh More					0.033	<0.018	<0.018	<0.018	<0.018	<0.018
Aghnadullagh Bridge						<0.018	<0.018	<0.018	<0.018	<0.018
Ballintra Bridge	<0.018	0.024	<0.018	0.025	0.048	<0.018	<0.018	<0.018	<0.018	<0.018
Connor's Bridge	0.027	0.026	<0.018	0.022	0.031	<0.018	<0.018	<0.018	<0.018	<0.018

Zn (mg/l) recordings on the Ballintra River.

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	Date										
Station	28/3/00	13/4/00	10/5/00	01/6/00	21/6/00	11/7/00	24/8/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Crove	5.60	6.40	15.60	13.80	13.90	13.10	14.50	8.00	7.90	2.70	3.60
just u/s Glen River confl.						13.20	14.70	8.50	8.10	2.90	3.90

Temperature (°C) recordings on the Crow River.

	Date											
Station	28/3/00	13/4/00	10/5/00	01/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Crove	6.78	6.84	7.66	6.84	6.62	7.18	7.36	5.68	6.43	7.39	7.04	7.19
just u/s Glen River confl.						7.31	7.45	5.78	6.48	7.16	7.06	7.31

pH recordings on the Crow River.

	Date										
Station	28/3/00	13/4/00	10/5/00	01/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	09/1/01	13/2/01
S. of Crove	104	88	124	86	64	106	106	30	60	69	75
just u/s Glen River confl.						122	96	32	64	66	69

Conductivity (cms) recordings on the Crow River.

	Date											
Station	28/3/00	13/4/00	10/5/00	01/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Crove	12.97	9.58	7.82	9.81	8.88	10.04	9.43	9.76	10.54	10.47	11.66	11.88
just u/s Glen River confl.						10.13	9.51	9.81	10.64	10.37	11.63	12.26

Dissolved Oxygen (mg/l) recordings on the Crow River.

	Date											
Station	28/3/00	13/4/00	10/5/00	01/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Crove	0.02	0.02	0.80	3.20	0.40	2.40	0.40	16.80	0.20	1.80	0.60	0.20
just u/s Glen River confl.						0.40	0.40	20.00	0.20	1.80	0.60	0.40

Suspended Solids (mg/l) recordings on the Crow River.

	Date											
Station	28/3/00	13/4/00	10/5/00	01/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Crove	0.01	0.01	0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
just u/s Glen River confl.						<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01

NH₃ as N (mg/l) recordings on the Crow River.

	Date										
Station	28/3/00	13/4/00	10/5/00	01/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Crove	<0.01	<0.01	0.03	<0.01	<0.01	0.03	0.01	<0.01	<0.01	0.10	<0.01
just u/s Glen River confl.					0.01	0.01	0.02	0.03	<0.01	0.03	0.11

NO₃ as N (mg/l) recordings on the Crow River.

	Date											
Station	28/3/00	13/4/00	10/5/00	01/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Crove	<0.01	0.14	0.01	0.01	0.01	0.01	<0.01	0.02	<0.01	0.03	<0.01	0.02
just u/s Glen River confl.						0.01	<0.01	0.03	0.01	0.02	<0.01	0.01

Total P (mg/l) recordings on the Crow River.

	Date										
Station	28/3/00	13/4/00	10/5/00	01/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Crove	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.06	0.02	<0.01	<0.01
just u/s Glen River confl.					<0.01	<0.01	<0.01	<0.01	0.05	<0.01	<0.01

PO₄ (mg/l) recordings on the Crow River.

	Date											
Station	28/3/00	13/4/00	10/5/00	01/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Crove	0.94	1.13	0.21	0.91	0.66	0.39	0.35	1.28	1.00	0.71	0.59	0.64
just u/s Glen River confl.						0.34	0.38	1.17	0.89	1.06	0.30	0.53

B.O.D. (mg/l) recordings on the Crow River.

	Date											
Station	28/3/00	13/4/00	10/5/00	01/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Crove	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
just u/s Glen River confl.						<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the Crow River.

	Date											
Station	28/3/00	13/4/00	10/5/00	01/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Crove	0.024	0.025	<0.018	0.025	0.025	0.034	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018
just u/s Glen River confl.							<0.018	<0.018	<0.018	<0.018	<0.018	<0.018

Zn (mg/l) recordings on the Crow River.

Station	Date										
	28/3/00	13/4/00	10/5/00	01/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Crove	0.01	0.02	0.04	<0.01		0.01	0.02	0.02	0.01	0.01	0.01
just u/s Glen River confl.					0.02	0.02	<0.01	0.01	0.04	0.01	0.05

NO₂ as N (mg/l) recordings on the Crow River.

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	Date						
Station	13/07/00	22/08/00	26/9/00	17/10/00	05/12/00	11/1/01	15/2/01
Common's Bridge	12.90	13.90	12.70	11.00	9.80	2.60	5.60

Temperature (°C) recordings on the Cunlin Lough stream.

	Date						
Station	13/07/00	22/08/00	26/9/00	17/10/00	05/12/00	11/1/01	15/2/01
Common's Bridge	7.37	7.14	7.08	7.07	6.78	7.68	6.99

pH recordings on the Cunlin Lough stream.

	Date						
Station	13/07/00	22/08/00	26/9/00	17/10/00	05/12/00	11/1/01	15/2/01
Common's Bridge	110	106	88	78	71	88	95

Conductivity (cms) recordings on the Cunlin Lough stream.

	Date						
Station	13/07/00	22/08/00	26/9/00	17/10/00	05/12/00	11/1/01	15/2/01
Common's Bridge	9.80	9.25	9.54	9.68	9.96	9.82	10.24

Dissolved Oxygen (mg/l) recordings on the Cunlin Lough stream.

	Date						
Station	13/07/00	22/08/00	26/9/00	17/10/00	05/12/00	11/1/01	15/2/01
Common's Bridge	0.20	2.80	2.60	1.80	0.60	0.60	1.60

Suspended Solids (mg/l) recordings on the Cunlin Lough stream.

	Date					
Station	13/07/00	22/08/00	26/9/00	17/10/00	11/1/01	15/2/01
Common's Bridge	0.02	0.01	<0.01	0.03	0.04	0.04

NH3 as N (mg/l) recordings on the Cunlin Lough stream.

	Date					
Station	13/07/00	22/08/00	26/9/00	17/10/00	11/1/01	15/2/01
Common's Bridge	0.02	0.01	<0.01	<0.01	<0.01	0.01

NO2 as N (mg/l) recordings on the Cunlin Lough stream.

Station	Date					
	13/07/00	22/08/00	26/9/00	17/10/00	11/1/01	15/2/01
Common's Bridge	0.04	0.05	0.07	0.02	0.05	0.08

NO3 as N (mg/l) recordings on the Cunlin Lough stream.

Station	Date					
	13/07/00	26/9/00	17/10/00	05/12/00	11/1/01	15/2/01
Common's Bridge	0.01	0.02	0.01	0.075	0.01	5.60

Total P (mg/l) recordings on the Cunlin Lough stream.

Station	Date					
	13/07/00	22/08/00	26/9/00	17/10/00	11/1/01	15/2/01
Common's Bridge	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

PO4 (mg/l) recordings on the Cunlin Lough stream.

Station	Date						
	13/07/00	22/08/00	26/9/00	17/10/00	05/12/00	11/1/01	15/2/01
Common's Bridge	1.29	0.63	1.00	0.37	0.72	0.06	0.43

B.O.D. (mg/l) recordings on the Cunlin Lough stream.

Station	Date						
	13/07/00	22/08/00	26/9/00	17/10/00	05/12/00	11/1/01	15/2/01
Common's Bridge	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the Cunlin Lough stream.

Station	Date						
	13/07/00	22/08/00	26/9/00	17/10/00	05/12/00	11/1/01	15/2/01
Common's Bridge	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018

Zn (mg/l) recordings on the Cunlin Lough stream.

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	Date										
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Drumenny Bridge	6.70	7.20	10.00	11.20	16.30	14.20	13.80	12.00	7.20	0.70	5.60

Temperature (°C) recordings on the Drumenny River.

	Date											
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Drumenny Bridge	7.63	7.50	7.39	6.91	7.38	7.80	7.67	7.70	7.39	7.16	7.31	7.50

pH recordings on the Drumenny River.

	Date											
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Drumenny Bridge	158	126	158	88	210	204	150	132	94	110	150	101

Conductivity (cms) recordings on the Drumenny River.

	Date											
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Drumenny Bridge	11.38	10.96	10.46	10.5	9.25	9.77	9.47	9.33	10.71	10.43	11.95	10.72

Dissolved Oxygen (mg/l) recordings on the Drumenny River.

	Date											
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Drumenny Bridge	11.40	2.40	7.20	0.00	1.00	6.00	0.40	77.60	0.20	0.60	0.20	2.00

Suspended Solids (mg/l) recordings on the Drumenny River.

	Date										
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Drumenny Bridge	<0.01	0.01	0.13	0.02	<0.01	<0.01	<0.01	0.03	0.06	<0.01	<0.01

NH₃ as N (mg/l) recordings on the Drumenny River.

	Date										
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Drumenny Bridge	0.01	0.03	0.06	0.02	0.02	0.22	0.03	0.02	0.02	0.02	<0.01

NO₂ as N (mg/l) recordings on the Drumenny River.

	Date										
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Drumenny Bridge	0.15	0.08	0.41	0.05	0.15	0.22	0.06	0.07	0.15	0.01	<0.01

NO₃ as N (mg/l) recordings on the Drumenny River.

	Date										
Station	30/3/00	27/4/00	18/5/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Drumenny Bridge	0.023	0.015	0.07	0.01	0.02	0.02	0.12	0.01	0.03	0.01	<0.01

Total P (mg/l) recordings on the Drumenny River.

	Date										
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Drumenny Bridge	0.01	0.01	<0.01	0.01	<0.01	<0.01	0.01	0.01	0.04	0.01	<0.01

PO₄ (mg/l) recordings on the Drumenny River.

	Date											
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Drumenny Bridge	1.08	1.8	2.34	0.76	0.77	0.59	0.84	2.99	1.05	1.06	0.32	0.45

B.O.D. (mg/l) recordings on the Drumenny River.

	Date										
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Drumenny Bridge	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the Drumenny River.

	Date										
Station	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Drumenny Bridge	<0.018	0.03	0.024	<0.018	0.035	<0.018	<0.018	<0.018	<0.018	<0.018	0.021

Zn (mg/l) recordings on the Drumenny River.

Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Just d/s Eanybeg/more confl.	6.40	5.70	15.50	11.80	13.10	14.10	16.40	10.70	11.50	10.60	1.00	6.10
Inver Bridge	6.50	5.60	15.40	11.70	13.30	14.30	16.80	10.90	10.00	10.00	0.40	6.10

Temperature (°C) recordings on the Eanywater.

Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Just d/s Eanybeg/more confl.	7.13	6.86	7.75	7.27	6.42	6.93	7.37	6.85	6.22	6.80	7.15	7.73
Inver Bridge	7.16	6.58	8.45	7.35	6.72	7.25	7.65	7.85	6.98	6.98	7.44	7.51

pH recordings on the Eanywater.

Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Just d/s Eanybeg/more confl.	102	72	124	106	62	90	106	70	55	62	100	117
Inver Bridge	160	108	3467	3140	96	190	6830	114	71	78	1314	115

Conductivity (cms) recordings on the Eanywater.

Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Just d/s Eanybeg/more confl.	12.75	10.39	14.42	10.81	9.79	9.71	9.41	9.82	9.82	9.72	9.71	11.45
Inver Bridge	12.06	10.94	14.81	10.67	9.85	9.45	8.18	9.74	9.87	9.74	9.97	11.25

Dissolved Oxygen (mg/l) recordings on the Eanywater.

Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Just d/s Eanybeg/more confl.	1.80	2.60	1.60	2.60	0.80	1.40	0.80	1.60	12.80	4.00	0.20	5.40
Inver Bridge	2.40	5.00	7.20	4.80	3.80	4.00	13.20	2.20	21.20	18.80	0.40	3.00

Suspended Solids (mg/l) recordings on the Eanywater.

Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	17/1/01	21/2/01	
Just d/s Eanybeg/more confl.	<0.01	<0.01	0.01	0.02	<0.01		<0.01	<0.01	<0.01	<0.01	0.01	
Inver Bridge	0.01		0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	

NH₃ as N (mg/l) recordings on the Eanywater.

Station	Date										
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	17/1/01	21/2/01
Just d/s Eanybeg/more confl.	0.01	<0.01	<0.01	0.02	0.01		0.01	0.02	0.02	0.01	0.01
Inver Bridge	0.01		0.04	0.02	0.03	0.02	0.02	0.02	0.02		0.02

NO₂ as N (mg/l) recordings on the Eanywater.

Station	Date										
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	17/1/01	21/2/01
Just d/s Eanybeg/more confl.	<0.01	0.01	0.07	0.01	<0.01		0.01	<0.01	0.04	0.06	0.03
Inver Bridge	<0.01		0.04	<0.01	0.01	0.01	<0.01	0.05	0.06		0.06

NO₃ as N (mg/l) recordings on the Eanywater.

Station	Date										
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	17/1/01	21/2/01
Just d/s Eanybeg/more confl.	<0.01	0.01	<0.01	0.02	0.02		0.01	<0.01	0.02	<0.01	0.08
Inver Bridge	<0.01		<0.01	0.01	<0.01	<0.01	<0.01	<0.01	0.05		0.02

PO₄ (mg/l) recordings on the Eanywater.

Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Just d/s Eanybeg/more confl.	0.012	0.02	0.04	0.01	0.01	0.01	0.02	0.02	<0.01	0.03	<0.01	<0.01
Inver Bridge	0.015		0.05	0.01	0.04	<0.01	0.03	0.02	<0.01	0.03	0.02	0.03

Total P (mg/l) recordings on the Eanywater.

Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Just d/s Eanybeg/more confl.	1.03	1.12	0.63	0.93	1.09	0.62	0.48	0.70	1.10	0.18	0.58	0.36
Inver Bridge	0.49	1.15	0.42	1.00	1.53	0.86	0.74	0.84	1.25	0.80	0.66	0.59

B.O.D. (mg/l) recordings on the Eanywater.

Station	Date										
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	17/1/01	21/2/01
Just d/s Eanybeg/more confl.	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Inver Bridge	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the Eanywater.

Station	Date										
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	17/1/01	21/2/01
Just d/s Eanybeg/more confl.	<0.018	<0.018	<0.018	0.023	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018
Inver Bridge	<0.018	<0.018	<0.018	0.023	<0.018	0.019	<0.018	<0.018	<0.018	<0.018	<0.018

Zn (mg/l) recordings on the Eanywater.

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Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Bridge E. of Cloghvin	6.40	5.10	14.90	11.40	31.10	13.30	16.30	10.30	10.50	9.60	1.20	7.30
Eanybeg Bridge	6.30	5.70	14.50	11.30	13.10	13.70	15.90		11.50	9.90	1.30	6.80

Temperature (°C) recordings on the Eanybeg River.

Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Bridge E. of Cloghvin	7.20	6.42	7.78	7.10	6.04	7.00	7.33	6.82	6.20	6.88	7.18	7.08
Eanybeg Bridge	7.52	7.00	8.11	7.00	6.58	7.11	7.44	6.59	6.25	7.20	7.12	7.15

pH recordings on the Eanybeg River.

Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Bridge E. of Cloghvin	76	60	78	74	48	68	82	52	48	40	71	52
Eanybeg Bridge	102	72	106	96	62	88	108	63	55	49	89	80

Conductivity (cms) recordings on the Eanybeg River.

Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Bridge E. of Cloghvin	12.80	10.40	15.05	10.46	9.84	9.98	9.40	9.80	9.97	9.97	12.34	11.21
Eanybeg Bridge	12.81	10.42	15.83	10.83	9.78	9.99	9.50	9.84	9.89	9.90	12.30	11.09

Dissolved Oxygen (mg/l) recordings on the Eanybeg River.

Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Bridge E. of Cloghvin	2.00	1.00	1.80	2.00	1.20	1.80	1.80	2.20	3.40	0.60	0.20	3.20
Eanybeg Bridge	1.60	2.60	6.60	6.40	1.40	0.40	0.00	2.20	8.00	1.60	0.40	0.80

Suspended Solids (mg/l) recordings on the Eanybeg River.

Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	17/1/01	21/2/01	
Bridge E. of Cloghvin	<0.01	<0.01	0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Eanybeg Bridge	<0.01	<0.01	0.01	0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	

NH₃ as N (mg/l) recordings on the Eanybeg River.

	Date										
Station	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	17/1/01	21/2/01
Bridge E of Cloghvin	0.43	<0.01	0.02		<0.01	0.01	0.02	0.01	0.02	0.01	0.01
Eanybeg Bridge	<0.01	<0.01	<0.01	0.04	0.02	0.01	0.01	0.01	0.02	0.02	0.01

NO₂ as N (mg/l) recordings on the Eanybeg River.

	Date										
Station	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	17/1/01	21/2/01
Bridge E of Cloghvin	<0.01	0.01	0.05		0.02	0.02	0.05	0.06	0.06	<0.01	<0.01
Eanybeg Bridge	<0.01	0.01	0.04	0.04	0.06	0.02	<0.01	0.05	0.06	<0.01	0.01

NO₃ as N (mg/l) recordings on the Eanybeg River.

	Date											
Station	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Bridge E of Cloghvin	0.007	0.019	<0.01				0.03	0.02	<0.01	<0.01	<0.01	<0.01
Eanybeg Bridge	0.009	0.022	0.01	0.04	0.03	0.01	0.01	0.02	<0.01	0.03	<0.01	0.03

Total P (mg/l) recordings on the Eanybeg River.

	Date											
Station	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Bridge E of Cloghvin	0.45	0.63	0.49	0.53	0.82	0.59	0.31	0.74	0.78	0.28	0.59	0.55
Eanybeg Bridge	0.58	0.72	0.67	1.14	1.24	0.58	0.43	0.83	1.01	0.20	0.57	0.48

B.O.D. (mg/l) recordings on the Eanybeg River.

	Date										
Station	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	17/1/01	21/2/01
Bridge E of Cloghvin	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Eanybeg Bridge	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the Eanybeg River.

Station	Date										
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	17/1/01	21/2/01
Bridge E of Cloghvin	<0.018	<0.018	<0.018	0.023	<0.018	0.019	<0.018	<0.018	<0.018	<0.018	<0.018
Eanybeg Bridge	<0.018	<0.018	<0.018	0.024	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018

Zn (mg/l) recordings on the Eanybeg River.

Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Bridge E of Cloghvin	<0.01	0.01	<0.01		0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
Eanybeg Bridge	<0.01	0.01	<0.01	<0.01	<0.01	0.01	0.02	<0.01			<0.01	<0.01

PO4 (mg/l) recordings on the Eanybeg River.

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Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Ford 2 km NE of Drumboarty	6.80	6.00	16.00	12.80	13.80	15.00	16.60	10.70	11.00	10.00	0.80	7.30
Bridge SW of Letterbarra						15.30	17.20	10.70	11.00	10.00	0.50	7.10
Eanymore Bridge	6.60	5.50	15.90	12.40	13.20	14.50	17.30		11.00	10.40	0.20	6.00

Temperature (°C) recordings on the Eanymore Water .

Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Ford 2 km NE of Drumboarty	7.24	6.78	8.12	7.21	6.41	7.45	7.48	7.39	6.73	6.69	7.37	7.13
Bridge SW of Letterbarra						7.46	8.06	7.15	6.88	7.00	7.45	7.59
Eanymore Bridge	7.58	7.15	8.13	7.39	6.74	7.52	8.02	6.54	7.04	6.96	7.58	7.8

pH recordings on the Eanymore Water

Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Ford 2 km NE of Drumboarty	88	62	106	82	52	76	84	62	48	43	78	47
Bridge SW of Letterbarra						100	104	92	62	62	120	61
Eanymore Bridge	134	76	170	134	74	102	148	83	68	68	137	115

Conductivity (cms) recordings on the Eanymore Water .

Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Ford 2 km NE of Drumboarty	12.67	10.14	14.97	10.26	9.81	9.80	9.36	9.84	9.90	9.86	12.57	11.35
Bridge SW of Letterbarra						9.83	9.48	9.76	9.99	9.84	10.23	11.38
Eanymore Bridge	13.32	10.84	15.62	10.86	9.77	10.10	9.32	9.77	9.94	9.86	10.20	11.42

Dissolved Oxygen (mg/l) recordings on the Eanymore Water .

Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Ford 2 km NE of Drumboarty	1.00	2.40	1.20	1.00	0.60	0.80	0.80	0.60		1.40	0.20	1.80
Bridge SW of Letterbarra						3.80	1.00	0.60	5.60	2.40	0.20	3.20
Eanymore Bridge	2.20	3.60	20.40	6.00	0.60	1.00	1.00	0.40	19.60	1.60	0.20	4.80

Suspended Solids (mg/l) recordings on the Eanymore Water .

Station	Date										
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/08/00	20/09/00	12/10/00	17/1/01	21/2/01
Ford 2 km NE of Drumboarty	<0.01	<0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bridge SW of Letterbarra						0.02	<0.01	0.01	<0.01	<0.01	0.02
Eanymore Bridge	<0.01	<0.01	0.01	0.01	0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01

NH₃ as N (mg/l) recordings on the Eanymore Water .

Station	Date										
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	17/1/01	21/2/01
Ford 2 km NE of Drumboarty	0.10	<0.01	0.02	<0.01	<0.01	0.02	0.02	0.07	0.01	0.02	0.01
Bridge SW of Letterbarra						0.02	0.05	0.02	0.02	0.02	0.01
Eanymore Bridge	<0.01	<0.01	<0.01	0.04	0.01	0.02	0.05	0.02	0.02	0.01	0.03

NO₂ as N (mg/l) recordings on the Eanymore Water

Station	Date										
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	17/1/01	21/2/01
Ford 2 km NE of Drumboarty	<0.01	0.01	0.05	0.07	<0.01	0.01	0.01	<0.01	0.04	<0.01	<0.01
Bridge SW of Letterbarra						0.01	<0.01	0.01	0.02	<0.01	0.03
Eanymore Bridge	<0.01	0.01	0.05	0.06	0.03	0.01	<0.01	0.01	0.04	<0.01	<0.01

NO₃ as N (mg/l) recordings on the Eanymore Water .

Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Ford 2 km NE of Drumboarty	0.006		0.01	0.04	0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01
Bridge SW of Letterbarra						0.01	0.01	0.01	<0.01	0.02	<0.01	0.20
Eanymore Bridge	0.013	0.017	0.02	0.04	<0.01	0.02	0.01	0.02	<0.01	0.03	<0.01	0.01

Total P (mg/l) recordings on the Eanymore Water .

Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Ford 2 km NE of Drumboarty	0.49	1.18	0.00	0.93	0.79	0.49	0.12	0.66	0.70	0.47	1.03	0.64
Bridge SW of Letterbarra						0.64	0.23	0.73	1.04	0.43	1.01	0.66
Eanymore Bridge	0.89	1.20	3.25	1.05	1.25	0.66	0.64	0.74	1.24	0.19	0.64	0.44

B.O.D. (mg/l) recordings on the Eanymore Water .

Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	17/1/01	21/2/01	
Ford 2 km NE of Drumboarty	<0.02	<0.02	0.021	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.184	<0.02
Bridge SW of Letterbarra						<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Eanymore Bridge	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the Eanymore Water .

Station	Date											
	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	17/1/01	21/2/01	
Ford 2 km NE of Drumboarty	<0.018	<0.018	<0.018	0.023	<0.018	0.019	<0.018	<0.018	<0.018	<0.018	0.184	<0.018
Bridge SW of Letterbarra						<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018
Eanymore Bridge	<0.018	<0.018	<0.018	0.026	<0.018	0.021	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018

Zn (mg/l) recordings on the Eanymore Water .

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	Date											
Station	04/4/00	02/5/00	23/5/00	07/6/00	28/6/00	18/7/00	31/8/00	03/10/00	01/11/00	07/12/00	16/1/01	06/3/01
Drumkeegan	5.50	11.30	11.30	11.40	14.30	13.20	13.50	12.10	9.20	8.80	0.40	5.00
Eddrim Bridge	5.70	11.00	11.30	11.20	14.50	17.00	13.50	12.20	9.20	8.80	0.30	5.00

Temperature (°C) recordings on the Eddrim River.

	Date											
Station	04/4/00	02/5/00	23/5/00	07/6/00	28/6/00	18/7/00	31/8/00	03/10/00	01/11/00	07/12/00	16/1/01	06/3/01
Drumkeegan	8.04	8.49	7.57	7.44	8.09	8.38	7.68	7.60	7.69	8.16	8.20	8.10
Eddrim Bridge	8.15	8.92	7.72	7.42	8.43	8.63	7.93	7.62	7.81	8.22	8.15	8.43

pH recordings on the Eddrim River.

	Date											
Station	04/4/00	02/5/00	23/5/00	07/6/00	28/6/00	18/7/00	31/8/00	03/10/00	01/11/00	07/12/00	16/1/01	06/3/01
Drumkeegan	280	302	154	158	382	418	142	140	136	195	359	252
Eddrim Bridge	360	380	178	174	444	836	192	160	156	261	3360	283

Conductivity (cms) recordings on the Eddrim River.

	Date											
Station	04/4/00	02/5/00	23/5/00	07/6/00	28/6/00	18/7/00	31/8/00	03/10/00	01/11/00	07/12/00	16/1/01	06/3/01
Drumkeegan	11.21	9.30	10.58	10.43	9.44	10.25	9.11	8.99	10.67	10.21	9.50	9.79
Eddrim Bridge	12.77	13.93	10.78	10.74	10.57	14.77	9.10	8.95	10.76	10.33	9.88	10.13

Dissolved Oxygen (mg/l) recordings on the Eddrim River.

	Date											
Station	04/4/00	02/5/00	23/5/00	07/6/00	28/6/00	18/7/00	31/8/00	03/10/00	01/11/00	07/12/00	16/1/01	06/3/01
Drumkeegan	2.00	2.40	5.80	6.00	1.20	3.00	19.40	12.40	0.20	0.40	1.40	4.40
Eddrim Bridge	2.40	1.80	12.80	9.60	16.00	33.80	32.60	13.80	0.20	1.60	6.00	25.40

Suspended Solids (mg/l) recordings on the Eddrim River.

	Date										
Station	04/4/00	02/5/00	23/5/00	07/6/00	28/6/00	18/7/00	31/8/00	03/10/00	01/11/00	16/1/01	06/3/01
Drumkeegan	0.04	0.06	0.02	<0.01	<0.01	<0.01	0.05	0.01	<0.01	0.02	0.05
Eddrim Bridge	<0.01	0.01	0.19	<0.01	0.08	<0.01	0.04	<0.01	<0.01	<0.01	<0.01

NH₃ as N (mg/l) recordings on the Eddrim River.

	Date										
Station	04/4/00	02/5/00	23/5/00	07/6/00	28/6/00	18/7/00	31/8/00	03/10/00	01/11/00	16/1/01	06/3/01
Drumkeegan	0.01	0.03	0.03	<0.01	<0.01	0.07	<0.01	0.02	0.02	0.02	0.01
Eddrim Bridge	0.01	0.01	0.03	0.02	0.01	0.03	<0.01	0.03	0.02	0.02	0.01

NO₂ as N (mg/l) recordings on the Eddrim River.

	Date										
Station	04/4/00	02/5/00	23/5/00	07/6/00	28/6/00	18/7/00	31/8/00	03/10/00	01/11/00	16/1/01	06/3/01
Drumkeegan	0.08	0.07	0.11	0.07	0.17	0.24	0.06	0.10	0.01	<0.01	0.10
Eddrim Bridge	0.04	<0.01	0.4	0.11	0.15	0.14	0.07	0.10	0.04	0.04	0.24

NO₃ as N (mg/l) recordings on the Eddrim River.

	Date											
Station	04/4/00	02/5/00	23/5/00	07/6/00	28/6/00	18/7/00	31/8/00	03/10/00	01/11/00	07/12/00	16/1/01	06/3/01
Drumkeegan	0.05	0.03	0.05	0.08	0.02	0.03	0.12	0.08	0.08	0.07	0.03	0.30
Eddrim Bridge	0.04	0.04	0.09	0.07	0.02	0.06	0.12	0.08	0.02	0.05	0.05	0.40

Total P (mg/l) recordings on the Eddrim River.

	Date										
Station	04/4/00	02/5/00	23/5/00	07/6/00	28/6/00	18/7/00	31/8/00	03/10/00	01/11/00	16/1/01	06/3/01
Drumkeegan	0.01	<0.01	<0.01	0.01	<0.01	<0.01	0.02	0.01	<0.01	<0.01	<0.01
Eddrim Bridge	<0.01	<0.01	0.02	0.02	0.04	<0.01	0.02	0.01	0.03	<0.01	<0.01

PO₄ (mg/l) recordings on the Eddrim River.

	Date											
Station	04/4/00	02/5/00	23/5/00	07/6/00	28/6/00	18/7/00	31/8/00	03/10/00	01/11/00	07/12/00	16/1/01	06/3/01
Drumkeegan	1.47	0.1	1.8	1.55	0.33	0.11	2.42	0.80	0.98	0.85	1.20	0.26
Eddrim Bridge	0.89	0.2	2.49	2.00	3.69	9.36	2.89	0.87	1.11	0.69	0.88	0.63

B.O.D. (mg/l) recordings on the Eddrim River.

	Date										
Station	04/4/00	02/5/00	23/5/00	07/6/00	28/6/00	18/7/00	31/8/00	03/10/00	01/11/00	16/1/01	06/3/01
Drumkeegan	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Eddrim Bridge	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the Eddrim River.

	Date										
Station	04/4/00	02/5/00	23/5/00	07/6/00	28/6/00	18/7/00	31/8/00	03/10/00	01/11/00	16/1/01	06/3/01
Drumkeegan	0.949	0.029	0.024	0.02	<0.018	0.023	<0.018	<0.018	<0.018	<0.018	<0.018
Eddrim Bridge	0.935	0.027	<0.018	0.023	<0.018	0.021	<0.018	<0.018	<0.018	<0.018	<0.018

Zn (mg/l) recordings on the Eddrim River.

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	Date											
Station	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Bridge at Meenataggart	7.60	5.50	17.40	11.70	13.10	14.60	15.40	10.40	11.00	9.80	1.20	7.00

Temperature (°C) recordings on the Eglish River.

	Date											
Station	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Bridge at Meenataggart	7.27	6.46	7.92	7.26	6.19	7.28	7.31	7.15	6.58	6.56	7.28	7.10

pH recordings on the Eglish River.

	Date											
Station	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Bridge at Meenataggart	94	60	104	88	50	78	72	62	49	41	83	48

Conductivity (cms) recordings on the Eglish River.

	Date											
Station	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Bridge at Meenataggart	12.76	10.38	15.20	10.83	9.83	10.11	9.42	9.69	9.98	9.93	11.64	11.40

Dissolved Oxygen (mg/l) recordings on the Eglish River.

	Date										
Station	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	17/1/01	21/2/01	
Bridge at Meenataggart	0.40	0.60	3.00	1.20	0.00	1.80	1.00	0.40	0.20	0.80	

Suspended Solids (mg/l) recordings on the Eglish River.

	Date											
Station	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	17/1/01	21/2/01	
Bridge at Meenataggart	<0.01	<0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	

NH₃ as N (mg/l) recordings on the Eglish River.

	Date											
Station	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	17/1/01	21/2/01	
Bridge at Meenataggart	0.01	<0.01	<0.01	0.04	0.02	0.01	0.05	0.01	0.01	0.01	0.01	

NO₂ as N (mg/l) recordings on the Eglish River.

	Date										
Station	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	17/1/01	21/2/01
Bridge at Meenataggart	<0.01	0.01	0.05	0.04	0.03	0.01	<0.01	0.06	0.07	<0.01	0.03

NO₃ as N (mg/l) recordings on the Eglish River.

	Date										
Station	29/3/00	12/4/00	09/5/00	31/5/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Bridge at Meenataggart	0.011	0.005	0.01	0.01	<0.01	0.01	<0.01	0.04	0.01	<0.01	

Total P (mg/l) recordings on the Eglish River.

	Date										
Station	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	17/1/01	21/2/01
Bridge at Meenataggart	<0.01	0.01	<0.01	<0.01	<0.01	0.01	<0.01	0.01	<0.01	<0.01	0.02

PO₄ (mg/l) recordings on the Eglish River.

	Date											
Station	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	29/11/00	17/1/01	21/2/01
Bridge at Meenataggart	0.51	0.63	0.35	0.64	0.68	0.31	0.20	0.58	0.69	0.63	0.52	0.66

B.O.D. (mg/l) recordings on the Eglish River.

	Date										
Station	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	17/1/01	21/2/01
Bridge at Meenataggart	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the Eglish River.

	Date										
Station	29/3/00	12/4/00	09/5/00	31/5/00	22/6/00	12/7/00	03/8/00	20/9/00	12/10/00	17/1/01	21/2/01
Bridge at Meenataggart	<0.018	0.023	0.02	0.027	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018

Zn (mg/l) recordings on the Eglish River.

	Date									
Station	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	05/9/00	10/10/00	06/12/00	10/1/01	14/2/01
Bridge W. of Corrin Lodge	6.80	16.00	11.00	16.00	13.10	13.70	10.50	9.60	2.90	4.40

Temperature (°C) recordings on the Fintragh River.

	Date									
Station	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	05/9/00	10/10/00	06/12/00	10/1/01	14/2/01
Bridge W. of Corrin Lodge	7.09	8.09	6.88	7.42	7.79	7.26	7.17	7.42	7.22	7.53

pH recordings on the Fintragh River.

	Date									
Station	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	05/9/00	10/10/00	06/12/00	10/1/01	14/2/01
Bridge W. of Corrin Lodge	90	152	128	140	154	78	80	98	101	107

Conductivity (cms) recordings on the Fintragh River.

	Date									
Station	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	05/9/00	10/10/00	06/12/00	10/1/01	14/2/01
Bridge W. of Corrin Lodge	10.66	9.35	10.53	9.19	10.21	9.34	9.87	9.73	2.9	12.07

Dissolved Oxygen (mg/l) recordings on the Fintragh River.

	Date									
Station	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	05/9/00	10/10/00	06/12/00	10/1/01	14/2/01
Bridge W. of Corrin Lodge	3.00	0.00	1.80	0.40	0.20	2.60	0.40	0.20	0.20	0.60

Suspended Solids (mg/l) recordings on the Fintragh River.

	Date									
Station	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	05/9/00	10/10/00	06/12/00	10/1/01	14/2/01
Bridge W. of Corrin Lodge	<0.0122	0.0122	<0.0122	<0.0122	0.0244	<0.0122	<0.0122	<0.0122	0.0366	<0.0122

NH₃ recordings on the Fintragh River.

	Date									
Station	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	05/9/00	10/10/00	06/12/00	10/1/01	14/2/01
Bridge W. of Corrin Lodge	0.01	0.03	0.01	<0.01	<0.01	<0.01	0.02	0.01	0.01	<0.01

NO₂ as N (mg/l) recordings on the Fintragh River.

Station	Date									
	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	05/9/00	10/10/00	06/12/00	10/1/01	14/2/01
Bridge W. of Corrin Lodge	0.06	0.07	0.03	0.07	0.07	<0.01	<0.01	0.03	0.05	<0.01

NO₃ as N (mg/l) recordings on the Fintragh River.

Station	Date									
	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	05/9/00	10/10/00	06/12/00	10/1/01	14/2/01
Bridge W. of Corrin Lodge	0.019	0.005	<0.01	0.01	0.01	0.01	<0.01	0.05	<0.01	<0.01

Total P (mg/l) recordings on the Fintragh River.

Station	Date									
	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	05/9/00	10/10/00	06/12/00	10/1/01	14/2/01
Bridge W. of Corrin Lodge	0.01	<0.01	0.01	<0.01	<0.01	<0.01	0.03	0.05	<0.01	<0.01

PO₄ (mg/l) recordings on the Fintragh River.

Station	Date									
	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	05/9/00	10/10/00	06/12/00	10/1/01	14/2/01
Bridge W. of Corrin Lodge	0.47	0.17	0.54	0.31	0.00	0.48	0.61	0.42	0.37	0.35

B.O.D. (mg/l) recordings on the Fintragh River.

Station	Date									
	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	05/9/00	10/10/00	06/12/00	10/1/01	14/2/01
Bridge W. of Corrin Lodge	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the Fintragh River.

Station	Date									
	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	05/9/00	10/10/00	06/12/00	10/1/01	14/2/01
Bridge W. of Corrin Lodge	0.028	0.027	0.023	0.024	0.029	<0.018	<0.018	<0.018	<0.018	<0.018

Zn (mg/l) recordings on the Fintragh River.

Station	Date											
	28/3/00	13/4/00	10/5/00	01/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
500m u/s Owenteskiny River confl.				13.40	16.00	14.70	16.80		9.00	7.80	3.30	4.10
Bridge u/s Crow River confl.	6.50	6.40	14.50	13.80	15.70	13.20	14.20		9.00	8.00	3.10	3.60
u/s Errigal Eisc	6.70	6.50	16.90	13.70	16.00	14.70	16.40		9.00	8.10	3.00	3.60
d/s Errigal Eisc	6.90	6.60	18.60	12.80	16.10	14.80	17.20		9.00	8.20	3.20	4.40
E. of Croaghstraleel	7.10	6.60	17.30	13.70	15.70	14.10	16.60		9.00	8.10	3.00	4.20
500m d/s Carrick Town Bridge	7.10	6.60	17.70	13.70	15.60	14.10	16.40		9.40	8.00	3.10	4.00
500m d/s Glen/Owenwee confl.		6.30	16.10	12.40	14.90	12.90	14.90	11.40	9.40	9.10	3.75	5.20

Temperature (°C) recordings on the Glen River.

Station	Date											
	28/3/00	13/4/00	10/5/00	01/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
500m u/s Owenteskiny River confl.				6.88	7.10	7.42	7.42	5.89	6.33	6.54	7.12	7.20
Bridge u/s Crow River confl.	7.17	6.97	7.77	6.78	6.80	7.38	7.39	5.93	6.28	6.91	7.22	7.18
u/s Errigal Eisc	7.36	7.00	7.86	6.88	6.68	7.30	7.33	5.98	6.26	6.66	6.97	7.16
d/s Errigal Eisc	7.21	7.06	9.93	6.72	6.54	7.26	7.21	6.20	6.55	7.53	7.11	7.10
E. of Croaghstraleel	7.23	7.28	9.78	6.85	6.60	7.27	7.17	5.87	6.33	6.78	6.91	6.90
500m d/s Carrick Town Bridge	7.28	7.20	9.63	6.90	6.55	7.34	7.26	5.90	6.39	6.82	6.97	6.96
500m d/s Glen/Owenwee confl.		6.79	8.39	6.86	9.10	7.92	7.29	6.70	6.16	6.92	7.04	7.18

pH recordings on the Glen River.

Station	Date											
	28/3/00	13/4/00	10/5/00	01/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	09/1/01	13/2/01	
500m u/s Owenteskiny River confl.				130.00	124.00	140.00	124.00	51.00	93.00	80.00	89.00	
Bridge u/s Crow River confl.	114.00	104.00	124.00	110.00	80.00	100.00	104.00	46.00	75.00	72.00	86.00	
u/s Errigal Eisc	106.00	102.00	120.00	104.00	72.00	112.00	100.00	43.00	225.00	82.00	80.00	
d/s Errigal Eisc	142.00	132.00	182.00	152.00	112.00	172.00	204.00	58.00	90.00	182.00	144.00	
E. of Croaghstraleel	120.00	106.00	152.00	122.00	74.00	130.00	182.00	40.00	75.00	88.00	92.00	
500m d/s Carrick Town Bridge	124.00	106.00	150.00	122.00	74.00	130.00	180.00	41.00	78.00	89.00	93.00	
500m d/s Glen/Owenwee confl.		114.00	138.00	126.00	88.00	134.00	138.00	72.00	77.00	76.00	86.00	

Conductivity (cms) recordings on the Glen River.

Station	Date											
	28/3/00	13/4/00	10/5/00	01/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
500m u/s Owenteskiny River confl.				10.09	9.14	10.35	9.25	9.78	10.71	10.46	11.55	11.93
Bridge u/s Crow River confl.	12.60	9.35	7.15	10.03	8.93	10.20	9.37	9.72	10.66	10.58	11.65	12.16
u/s Errigal Eisc	13.05	11.45	9.06	10.07	8.93	10.19	9.48	9.77	10.43	10.75	11.61	11.93
d/s Errigal Eisc	13.12	9.86	7.42	10.20	8.93	10.22	8.45	9.45	10.53	9.11	10.15	11.78
E. of Croaghstraleel	13.53	10.12	6.93	10.26	8.97	10.85	9.12	9.45	10.60	10.18	11.56	11.80
500m d/s Carrick Town Bridge	13.20	9.48	5.54	10.08	8.99	10.39	9.36	9.35	10.59	10.32	11.61	11.90
500m d/s Glen/Owenwee confl.		10.38	7.88	10.30	9.10	10.42	9.24	9.76	10.61	10.37	11.62	11.06

Dissolved Oxygen (mg/l) recordings on the Glen River.

Station	Date											
	28/3/00	13/4/00	10/5/00	01/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
500m u/s Owenteskiny River confl.				16.40	0.00	1.20	1.00	5.60	0.20	10.46	1.40	0.60
Bridge u/s Crow River confl.	1.00	1.20	1.00	31.80	2.20	2.00	6.40	25.60	0.20	10.58	1.40	0.08
u/s Errigal Eisc	0.40	0.60	0.60	12.40	1.00	0.80	2.40	13.20	1.20	10.75	0.40	0.20
d/s Errigal Eisc	2.20	2.00	27.20	5.60	12.00	1.80	2.20	24.80	0.20	9.11	11.20	2.60
E. of Croaghstraleel	1.00	1.60	1.80	3.40	0.80	1.60	1.20	28.80	0.20	10.18	1.20	1.80
500m d/s Carrick Town Bridge	0.40	0.20	1.40	2.40	1.20	1.50	1.00	24.00	0.20	10.32	0.80	1.00
500m d/s Glen/Owenwee confl.		3.60	0.20	3.00	4.40	2.00	1.60	4.20	0.20	10.37	0.60	1.00

Suspended Solids (mg/l) recordings on the Glen River.

Station	Date											
	28/3/00	13/4/00	10/5/00	01/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
500m u/s Owenteskiny River confl.				0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.06	0.01
Bridge u/s Crow River confl.	0.01	0.01	0.01	0.19			<0.01	<0.01	0.03	0.01	0.02	<0.01
u/s Errigal Eisc	<0.01	<0.01	0.01	<0.01	<0.01		<0.01	<0.01	0.02	0.01	<0.01	<0.01
d/s Errigal Eisc	0.09	0.54	0.38	0.29	0.38		1.29	0.08	0.25	0.58	1.17	
E. of Croaghstraleel	0.04	0.08	0.02	0.07			0.81	0.01	0.04	0.28	0.35	0.29
500m d/s Carrick Town Bridge	0.04	0.08	0.01	0.04	0.02		0.76	0.04	0.10	0.26	0.28	0.29
500m d/s Glen/Owenwee confl.		0.05	0.01	0.10	0.01	0.02	0.20	<0.01	<0.01	0.03	0.09	

NH₃ as N (mg/l) recordings on the Glen River.

Station	Date											
	28/3/00	13/4/00	10/5/00	01/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
500m u/s Owenteskiny River confl.				0.02	<0.01	<0.01	0.02	0.02	0.01	0.03	0.01	0.01
Bridge u/s Crow River confl.	0.03	0.02	<0.01	0.02			0.02	0.02	0.01	0.02	0.02	0.01
u/s Errigal Eisc	<0.01	0.01	<0.01	0.01	0.02		0.01	0.03	0.02	0.01	0.02	0.01
d/s Errigal Eisc	0.38	0.11	0.18	0.07	0.16		0.02	0.06	0.03	0.05	0.03	
E. of Croaghstraleel	0.13	0.01	<0.01	0.04			0.10	0.03	0.02	0.02	0.01	0.05
500m d/s Carrick Town Bridge	0.09	0.02	0.06	0.03			0.11	0.03	0.01	0.01	0.03	0.05
500m d/s Glen/Owenwee confl.		0.01	<0.01	0.02	<0.01	0.06	0.05	0.02	0.01	0.03	0.03	

NO₂ as N (mg/l) recordings on the Glen River.

Station	Date											
	28/3/00	13/4/00	10/5/00	01/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
500m u/s Owenteskiny River confl.				0.02	<0.01	<0.01	0.01	0.02	0.02	0.01	0.08	<0.01
Bridge u/s Crow River confl.	0.02	<0.01	0.05	0.24			0.07	0.08	<0.01	<0.01	<0.01	<0.01
u/s Errigal Eisc	<0.01	<0.01	0.05	<0.01	0.02		0.01	0.09	<0.01	<0.01	0.03	<0.01
d/s Errigal Eisc	1.46	<0.01	1.10	0.53	0.37		0.08	0.15	0.06	<0.01	0.12	
E. of Croaghstraleel	0.30	0.01	0.28	0.23			0.46	0.02	0.02	<0.01	0.04	0.08
500m d/s Carrick Town Bridge	0.35	0.01	0.16	0.22			0.53	<0.01	0.05	0.01	0.05	0.15
500m d/s Glen/Owenwee confl.		<0.01	0.06	0.09	0.04	0.04	0.27	0.06	0.01	0.01	<0.01	

NO₃ as N (mg/l) recordings on the Glen River.

Station	Date											
	28/3/00	13/4/00	10/5/00	01/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
500m u/s Owenteskiny River confl.				0.02	0.01	0.01	0.03	0.02	<0.01	<0.01	0.01	0.01
Bridge u/s Crow River confl.	0.01	0.00	0.02	0.03	0.02	0.02	<0.01	0.03	0.01	0.01	0.01	0.01
u/s Errigal Eisc		0.01	0.01	0.01		0.01	0.02	0.03	0.01	0.02	<0.01	0.03
d/s Errigal Eisc	0.29	0.20	0.52	0.24	0.16	0.22	0.19	0.10	0.10	0.10	1.21	0.54
E. of Croaghstraleel	0.05	<0.01		0.06		0.08	0.14	0.06	0.02	0.13	0.10	0.14
500m d/s Carrick Town Bridge	0.07	0.05	0.13	0.07	0.04	0.08	0.13	0.07	<0.01	0.10	0.10	0.14
500m d/s Glen/Owenwee confl.		<0.01	0.03	0.03	0.04	0.03	0.05	0.02	<0.01	<0.01	0.10	0.05

Total P (mg/l) recordings on the Glen River.

Station	Date											
	28/3/00	13/4/00	10/5/00	01/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
500m u/s Owenteskiny River confl.				0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.03	<0.01	<0.01
Bridge u/s Crow River confl.	0.01	<0.01	<0.01	0.01			<0.01	<0.01	0.03	0.03	0.02	<0.01
u/s Errigal Eisc	<0.01	<0.01	<0.01	<0.01	<0.01			0.01	0.03	0.03	<0.01	<0.01
d/s Errigal Eisc	0.22	0.12	0.35	0.13	0.15		<0.01	0.05	<0.01	0.18	0.67	
E. of Croaghstraleel	0.03	0.02	0.06	0.01			0.09	0.01	0.06	0.04	0.04	0.04
500m d/s Carrick Town Bridge	0.04	0.02	0.06	0.01			0.09	0.01	0.04	0.07	0.05	0.04
500m d/s Glen/Owenwee confl.		<0.01	0.02	0.01	<0.01	<0.01	<0.01	<0.01	0.07	0.03	<0.01	

PO₄ (mg/l) recordings on the Glen River.

Station	Date											
	28/3/00	13/4/00	10/5/00	01/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
500m u/s Owenteskiny River confl.				0.53	1.18	0.54	0.63	1.05	1.00	0.03	0.49	0.76
Bridge u/s Crow River confl.	1.27	1.78	0.42	1.01	1.38	0.42	0.76	1.12	1.14	0.03	0.79	1.01
u/s Errigal Eisc	0.44	1.79	0.60	1.07	1.13	0.58	0.59	1.26	0.87	1.27	0.44	0.62
d/s Errigal Eisc	1.41	1.70	5.16	2.32	2.43	1.37	0.97	1.84	1.64	6.90	8.50	1.65
E. of Croaghstraleel	0.68	1.69	1.54	0.83	1.11	0.59	1.10	1.42	1.14	3.12	0.86	0.76
500m d/s Carrick Town Bridge	0.98	1.67	1.50	0.72	2.21	0.83	1.23	1.50	1.09	2.36	0.72	0.76
500m d/s Glen/Owenwee confl.		1.91	1.16	0.93	2.30	0.83	0.87	1.14	0.94	1.14	1.11	0.66

B.O.D. (mg/l) recordings on the Glen River.

Station	Date											
	28/3/00	13/4/00	10/5/00	01/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	
500m u/s Owenteskiny River confl.				<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Bridge u/s Crow River confl.	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
u/s Errigal Eisc	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
d/s Errigal Eisc	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
E. of Croaghstraleel	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
500m d/s Carrick Town Bridge	<0.02	<0.02	<0.02	<0.02	0.059	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
500m d/s Glen/Owenwee confl.		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the Glen River.

Station	Date										
	28/3/00	13/4/00	10/5/00	01/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01
500m u/s Owenteskiny River confl.				0.025	0.02	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018
Bridge u/s Crow River confl.	0.023	0.024	<0.018	0.025	0.023	0.035	<0.018	<0.018	<0.018	<0.018	<0.018
u/s Errigal Eisc	0.021	0.027	<0.018	0.021	0.024	0.032	<0.018	<0.018	<0.018	<0.018	<0.018
d/s Errigal Eisc	0.021	0.027	<0.018	0.036	0.032	0.041	<0.018	<0.018	<0.018	<0.018	<0.018
E. of Croaghstraleel	0.02	0.028	<0.018	0.028	0.022	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018
500m d/s Carrick Town Bridge	<0.018	0.026	<0.018	0.024	0.022	0.034	<0.018	<0.018	<0.018	<0.018	<0.018
500m d/s Glen/Owenwee confl.		0.031	<0.018	0.026	0.024	0.027	<0.018	<0.018	<0.018	<0.018	<0.018

Zn (mg/l) recordings on the Glen River.

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Station	Date										
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	10/1/01	14/2/01
Fintragh Forest		4.90	14.90	8.50	14.20	12.60	15.50	12.90	10.00	2.10	4.90
Bridge S.W. of Meenboy	7.40	5.90	18.40	11.80	17.30	15.00	15.30	12.90	9.50	2.30	4.00
Bridge 1.5 km E. of Kilcar						14.90	16.00	13.10	10.00	2.30	4.90
500m d/s Ballaghdoe River	7.90	6.50	16.40	11.80	16.90	14.00	15.90	13.10	10.50	2.70	4.20

Temperature (°C) recordings on the Glenaddragh River.

Station	Date										
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	10/1/01	14/2/01
Fintragh Forest		102	128	118	126	138	106	96	77	82	88
Bridge S.W. of Meenboy	122	112	130	122	126	140	108	96	68	85	91
Bridge 1.5 km E. of Kilcar						148	106	90	71	90	96
500m d/s Ballaghdoe River	138	136	152	138	148	156	116	112	83	98	103

Conductivity (cms) recordings on the Glenaddragh River.

Station	Date										
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	10/1/01	14/2/01
Fintragh Forest		12.22	10.17	11.28	9.31	10.30	9.70	9.59	10.15	11.80	12.02
Bridge S.W. of Meenboy	11.49	12.07	10.09	10.79	8.70	9.88	9.65	9.62	9.96	11.76	11.83
Bridge 1.5 km E. of Kilcar						10.02	9.77	9.70	10.35	11.49	12.07
500m d/s Ballaghdoe River	11.43	12.16	10.77	10.63	9.10	10.15	9.80	9.57	9.80	9.71	12.08

Dissolved Oxygen (mg/l) recordings on the Glenaddragh River.

Station	Date										
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	10/1/01	14/2/01
Fintragh Forest		1.40	2.60	1.80	2.40	1.80	2.00	2.40	1.40	0.20	0.20
Bridge S.W. of Meenboy	0.20	1.20	0.80	2.00	3.00	2.80	4.00	0.40	1.20	0.20	0.20
Bridge 1.5 km E. of Kilcar						0.20	4.00	0.40	0.80	0.40	0.60
500m d/s Ballaghdoe River	0.20	0.80	1.00	2.00	0.40	1.40	13.00	1.20	1.80	0.40	0.20

Suspended Solids (mg/l) recordings on the Glenaddragh River.

	Date										
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	10/1/01	14/2/01
Fintragh Forest		0.01		0.04	0.01	<0.01	<0.01	0.03	0.01	0.01	0.01
Bridge S.W. of Meenboy	<0.01	0.01	0.03	0.04	<0.01	<0.01	0.03	0.01	<0.01	0.01	0.01
Bridge 1.5 km E. of Kilcar						<0.01	0.02	<0.01	0.01	0.12	0.01
500m d/s Ballaghdoe River	0.01	0.01	0.03	0.02	0.01	<0.01	0.03	0.02	<0.01	0.01	0.02

NO₂ as N (mg/l) recordings on the Glenaddragh River.

	Date										
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	10/1/01	14/2/01
Fintragh Forest		<0.01		0.01	0.01	<0.01	0.01	0.02	<0.01	0.03	<0.01
Bridge S.W. of Meenboy	<0.01	<0.01	0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01
Bridge 1.5 km E. of Kilcar						<0.01	0.03	0.03	0.01	<0.01	0.01
500m d/s Ballaghdoe River	0.02	0.02	0.02	<0.01	<0.01	0.02	<0.01	0.01	<0.01	0.03	<0.01

NH₃ as N (mg/l) recordings on the Glenaddragh River.

Station	Date										
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	10/1/01	14/2/01
Fintragh Forest		0.07		0.03	0.04	<0.01	0.08	0.02	0.06	0.05	
Bridge S.W. of Meenboy	0.01	0.05	0.04	0.03	<0.01	0.06	0.12	0.03	0.07	0.06	
Bridge 1.5 km E. of Kilcar						<0.01	0.24	0.02	<0.01	<0.01	
500m d/s Ballaghdoe River	0.03	0.06	0.05	<0.01	0.06	<0.01	0.12	0.04	0.02	0.07	

NO₃ as N (mg/l) recordings on the Glenaddragh River.

Station	Date										
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	10/1/01	14/2/01
Fintragh Forest		<0.01	0.005		0.04	<0.01	0.01	0.04	0.02	0.01	0.06
Bridge S.W. of Meenboy	0.012	<0.01	0.03		0.01		0.04	0.01	0.04	<0.01	0.01
Bridge 1.5 km E. of Kilcar						0.01	0.02	0.01		0.01	<0.01
500m d/s Ballaghdoe River	0.018	0.017	0.005	0.04	0.03		0.04	0.01	0.01	<0.01	0.01

Total P (mg/l) recordings on the Glenaddragh River.

Station	Date										
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	10/1/01	14/2/01
Fintragh Forest		0.01		<0.01	0.05	<0.01	0.01	0.01	<0.01	<0.01	0.01
Bridge S.W. of Meenboy	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bridge 1.5 km E. of Kilcar						<0.01	<0.01	<0.01	<0.01	<0.01	0.03
500m d/s Ballaghdoe River	<0.01	0.01	0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01

PO₄ (mg/l) recordings on the Glenaddragh River.

Station	Date										
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	10/1/01	14/2/01
Fintragh Forest		0.04	0.50	0.94	0.54	0.26	1.44	0.76	1.09	0.40	0.54
Bridge S.W. of Meenboy	0.49	0.63	0.35	0.73	0.48	0.09	1.68	0.38	0.80	0.63	0.65
Bridge 1.5 km E. of Kilcar						0.02	2.09	0.42	0.85	0.41	0.61
500m d/s Ballaghdoe River	0.52	0.65	0.47	0.72	0.39	0.14	2.98	0.32	0.85	0.62	0.48

B.O.D. (mg/l) recordings on the Glenaddragh River.

Station	Date										
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	14/2/01	
Fintragh Forest		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Bridge S.W. of Meenboy	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
Bridge 1.5 km E. of Kilcar						<0.02	<0.02	<0.02	<0.02	<0.02	
500m d/s Ballaghdoe River	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.033	<0.02	<0.02	<0.02	

Total Cu (mg/l) recordings on the Glenaddragh River.

Station	Date										
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	14/2/01	
Fintragh Forest		0.027	0.024	0.025	0.022	0.032	<0.018	<0.018	<0.018	<0.018	
Bridge S.W. of Meenboy	<0.018	0.025	0.024	0.024	0.025	0.031	<0.018	<0.018	<0.018	<0.018	
Bridge 1.5 km E. of Kilcar						0.034	<0.018	<0.018	<0.018	<0.018	
500m d/s Ballaghdoe River	0.027	0.027	0.027	0.025	0.025	0.038	0.073	<0.018	<0.018	<0.018	

Total Zn (mg/l) recordings on the Glenaddragh River.

Station	Date										
	22/3/00	11/4/00	08/5/00	30/5/00	20/6/00	06/7/00	01/8/00	14/9/00	10/10/00	10/1/01	14/2/01
Fintragh Forest		7.10	7.70	6.75	7.01	7.86	6.60	7.24	6.48	7.03	7.07
Bridge S.W. of Meenboy	7.14	7.11	7.46	6.65	6.78	7.43	6.71	7.13	6.43	7.09	6.92
Bridge 1.5 km E. of Kilcar						7.69	7.08	7.65	6.73	7.17	7.24
500m d/s Ballaghdoe River	7.65	7.28	8.83	6.92	7.23	7.69	7.21	7.89	6.88	7.14	7.39

pH recordings on the Glenaddragh River.

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	Date										
	05/4/00	24/5/00	15/6/00	04/7/00	26/7/00	07/9/00	04/10/00	09/11/00	13/12/00	23/1/01	15/3/01
Main road bridge, d/s Lough Boyle				14.80	15.00	14.20	10.60	7.50	6.25	4.30	5.00
Laghy Bridge	6.90	10.40	13.30	14.90	15.80	15.00	10.80	6.90	6.40	4.80	5.20
D/s of village	6.60	10.40	13.40	15.60	16.60	15.10	10.90	7.80	6.50	4.80	5.10

Temperature (°C) recordings on the laghey River.

	Date										
Station	05/4/00	24/5/00	15/6/00	04/7/00	26/7/00	07/9/00	04/10/00	09/11/00	13/12/00	23/1/01	15/3/01
Main road bridge, d/s Lough Boyle				7.45	7.57	4.90	4.77	6.45	5.20	5.96	7.33
Laghy Bridge	7.80	7.96	7.59	7.63	8.16	7.49	7.41	7.53	7.45	7.35	7.90
D/s of village	7.95	7.55	7.78	7.93	8.85	7.83	7.66	7.92	7.50	7.62	8.35

pH recordings on the laghey River.

	Date										
Station	05/4/00	24/5/00	15/6/00	04/7/00	26/7/00	07/9/00	04/10/00	09/11/00	13/12/00	23/1/01	15/3/01
Main road bridge, d/s Lough Boyle				116	128	54	58	56	48	48	92
Laghy Bridge	128	114	132	204	212	84	78	107	60	76	109
D/s of village	206	146	208	320	336	66	146	188	113	125	179

Conductivity (cms) recordings on the laghey River.

	Date										
Station	05/4/00	24/5/00	15/6/00	04/7/00	26/7/00	07/9/00	04/10/00	09/11/00	13/12/00	23/1/01	15/3/01
Main road bridge, d/s Lough Boyle				9.50	9.48	9.41	9.47	10.77	11.18	9.20	11.75
Laghy Bridge	12.57	10.44	9.72	9.43	9.45	9.44	9.63	10.60	10.43	9.20	10.91
D/s of village	13.94	10.81	10.46	9.52	9.82	9.44	9.64	10.71	11.27	9.35	12.27

Dissolved Oxygen (mg/l) recordings on the laghey River.

	Date										
Station	05/4/00	24/5/00	15/6/00	04/7/00	26/7/00	07/9/00	04/10/00	09/11/00	13/12/00	23/1/01	15/3/01
Main road bridge, d/s Lough Boyle				9.50	9.48	1.20	0.20	0.40	1.20	2.00	1.20
Laghy Bridge	1.00	1.60	17.20	1.00	1.40	1.80	1.40	2.00	1.80	2.00	1.20
D/s of village	1.00	13.60	4.60	23.20	2.00	3.40	2.00	2.00	4.00	2.00	2.00

Suspended Solids (mg/l) recordings on the laghey River.

Station	Date									
	05/4/00	24/5/00	15/6/00	04/7/00	26/7/00	07/9/00	04/10/00	09/11/00	23/1/01	15/3/01
Main road bridge, d/s Lough Boyle					<0.01	0.01	<0.01	0.04	<0.01	<0.01
Laghy Bridge	<0.01	0.02	0.01	0.06	<0.01	<0.01	0.02	0.02	0.01	0.01
D/s of village	<0.01	<0.01	0.01	<0.01	0.03	0.01	0.01	<0.01	<0.01	<0.01

NH₃ as N (mg/l) recordings on the laghey River.

Station	Date									
	05/4/00	24/5/00	15/6/00	04/7/00	26/7/00	07/9/00	04/10/00	09/11/00	23/1/01	15/3/01
Main road bridge, d/s Lough Boyle					0.02	0.04	0.03	0.02	0.03	0.02
Laghy Bridge	0.01	0.03	0.03	<0.01	0.02	0.01	<0.01	0.01	0.01	0.02
D/s of village	<0.01	0.02	0.02	<0.01	0.04	0.03	0.02	0.02	0.01	0.01

NO₂ as N (mg/l) recordings on the laghey River.

Station	Date									
	05/4/00	24/5/00	15/6/00	04/7/00	26/7/00	07/9/00	04/10/00	09/11/00	23/1/01	15/3/01
Main road bridge, d/s Lough Boyle					0.06	<0.01	0.01	0.02	<0.01	<0.01
Laghy Bridge	0.06	0.03	<0.01	0.15	0.22	0.01	0.02	0.04	<0.01	0.22
D/s of village	0.01	<0.01	0.09	0.24	0.28	0.02	0.06	0.10	<0.01	0.12

NO₃ as N (mg/l) recordings on the laghey River.

Station	Date										
	05/4/00	24/5/00	15/6/00	04/7/00	26/7/00	07/9/00	04/10/00	09/11/00	13/12/00	23/1/01	15/3/01
Main road bridge, d/s Lough Boyle				0.02	0.08	0.02	0.02	0.01	0.05	0.02	1.12
Laghy Bridge	0.03	0.02	0.06		<0.01	0.01	0.02	0.02	0.05	0.03	0.01
D/s of village	<0.01		0.03	0.11	0.02	0.04	0.03	0.01	0.08	0.03	1.17

Total P (mg/l) recordings on the laghey River.

Station	Date										
	05/4/00	24/5/00	15/6/00	04/7/00	26/7/00	07/9/00	04/10/00	09/11/00	13/12/00	23/1/01	15/3/01
Main road bridge, d/s Lough Boyle				0.41	1.31	0.55	0.38	0.97	0.62	1.18	0.41
Laghy Bridge	0.91	0.96	0.93	0.06	0.78	0.25	0.58	1.00	1.07	1.38	0.63
D/s of village	0.78	0.98	0.73	2.27	1.44	0.49	0.46	1.03	1.06	1.42	0.87

B.O.D. (mg/l) recordings on the laghey River.

Station	Date									
	05/4/00	24/5/00	15/6/00	04/7/00	26/7/00	07/9/00	04/10/00	09/11/00	23/1/01	15/3/01
Main road bridge, d/s Lough Boyle					<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Laghy Bridge	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
D/s of village	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the laghey River.

Station	Date									
	05/4/00	24/5/00	15/6/00	04/7/00	26/7/00	07/9/00	04/10/00	09/11/00	23/1/01	15/3/01
Main road bridge, d/s Lough Boyle					<0.018	<0.018	<0.018	<0.018	<0.018	<0.018
Laghy Bridge	0.03	<0.018	0.023	0.04	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018
D/s of village	0.027	<0.018	0.028	0.039	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018

Zn (mg/l) recordings on the laghey River.

Station	Date									
	05/4/00	24/5/00	15/6/00	04/7/00	26/7/00	07/9/00	04/10/00	09/11/00	23/1/01	15/3/01
Main road bridge, d/s Lough Boyle					0.03	0.02	<0.01	<0.01	0.01	<0.01
Laghy Bridge	0.01	0.03	<0.01	<0.01	<0.01	0.01	<0.01	0.03	<0.01	<0.01
D/s of village	0.01	<0.01	<0.01	<0.01	<0.01	0.04	0.02	0.03	<0.01	<0.01

PO₄ (mg/l) recordings on the laghey River.

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	Date											
Station	23/03/00	19/04/00	16/05/00	06/6/00	27/06/00	13/07/00	22/08/00	26/9/00	17/10/00	05/12/00	11/1/01	15/2/01
u/s Island Seafoods	7.10	7.60	15.10	14.20	18.60	13.50	15.60	13.40	11.00	9.60	1.50	5.60
d/s Island Seafoods	6.90	7.40	13.90	13.80	17.10	13.40	14.60	13.40		9.80	1.60	5.30

Temperature (°C) recordings on the Loughaderry River.

	Date											
Station	23/03/00	19/04/00	16/05/00	06/6/00	27/06/00	13/07/00	22/08/00	26/9/00	17/10/00	05/12/00	11/1/01	15/2/01
u/s Island Seafoods	7.44	7.27	7.41	6.85	7.02	7.30	7.51	7.26	7.20	6.95	7.54	7.61
d/s Island Seafoods	7.59	7.10	7.18	6.86	6.99	7.24	7.42	7.16	7.08	6.88	7.55	7.52

pH recordings on the Loughaderry River.

	Date											
Station	23/03/00	19/04/00	16/05/00	06/6/00	27/06/00	13/07/00	22/08/00	26/9/00	17/10/00	05/12/00	11/1/01	15/2/01
u/s Island Seafoods	120	112	108	90	100	94	102	64	65	56	100	118
d/s Island Seafoods	110	114	108	90	100	96	106	66	63	79	111	113

Conductivity (cms) recordings on the Loughaderry River.

	Date											
Station	23/03/00	19/04/00	16/05/00	06/6/00	27/06/00	13/07/00	22/08/00	26/9/00	17/10/00	05/12/00	12/1/00	15/2/01
u/s Island Seafoods	11.74	9.46	9.86	10.03	9.29	9.87	9.21	9.64	9.45	10.18	12.06	9.74
d/s Island Seafoods	11.66	10.06	9.91	10.03	9.29	9.83	9.18	9.57	9.93	10.10	12.06	9.86

Dissolved Oxygen (mg/l) recordings on the Loughaderry River.

	Date										
Station	19/04/00	16/05/00	06/6/00	27/06/00	13/07/00	22/08/00	26/9/00	17/10/00	05/12/00	12/1/00	15/2/01
u/s Island Seafoods	0.80	1.00	2.20	0.20	0.20	0.80	1.80	1.20	0.20	0.20	0.20
d/s Island Seafoods	1.20	1.40	1.40	0.20	0.40	0.60	1.80	1.00	0.20	0.20	0.20

Suspended Solids (mg/l) recordings on the Loughaderry River.

	Date										
Station	23/03/00	19/04/00	16/05/00	06/6/00	27/06/00	13/07/00	22/08/00	26/9/00	17/10/00	12/1/00	15/2/01
u/s Island Seafoods	0.64	0.24	0.01	<0.01	<0.01	0.06	0.02	0.24	0.28	0.79	1.34
d/s Island Seafoods	0.48	0.26		0.04		0.13	0.06	0.32	0.29	1.43	1.15

NH₃ as N (mg/l) recordings on the Loughaderry River.

	Date										
Station	23/03/00	19/04/00	16/05/00	06/6/00	27/06/00	13/07/00	22/08/00	26/9/00	17/10/00	12/1/00	15/2/01
u/s Island Seafoods	<0.01	0.033	0.010	0.020	<0.01	0.030	0.030	0.040	<0.01	<0.01	<0.01
d/s Island Seafoods	0.010	0.010	0.030	0.020		0.030	0.030	0.030	<0.01	<0.01	0.010

NO₂ as N (mg/l) recordings on the Loughaderry River.

	Date										
Station	23/03/00	19/04/00	16/05/00	06/6/00	27/06/00	13/07/00	22/08/00	26/9/00	17/10/00	12/1/00	15/2/01
u/s Island Seafoods	0.12	0.15	0.17	0.09	3.58	0.21	0.52	0.04	0.06	0.17	0.51
d/s Island Seafoods	0.22	0.15		0.14		0.42	0.54	0.09	0.07	0.07	0.60

NO₃ as N (mg/l) recordings on the Loughaderry River.

	Date										
Station	19/04/00	16/05/00	06/6/00	27/06/00	22/08/00	26/9/00	17/10/00	05/12/00	12/1/00	15/2/01	
u/s Island Seafoods	0.03	0.04	0.01	0.01	0.01	0.02	<0.01	<0.01	0.03	<0.01	
d/s Island Seafoods	0.01	0.01	0.01	<0.01	0.01	0.01	0.01	0.02	0.04	<0.01	

Total P (mg/l) recordings on the Loughaderry River.

	Date											Median
Station	23/03/00	19/04/00	16/05/00	06/6/00	27/06/00	13/07/00	22/08/00	26/9/00	17/10/00	12/1/00	15/2/01	
u/s Island Seafoods	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03
d/s Island Seafoods	<0.01	<0.01		0.01		<0.01	<0.01	<0.01	0.01	<0.01	<0.01	0.01

PO₄ (mg/l) recordings on the Loughaderry River.

	Date											
Station	23/03/00	19/04/00	16/05/00	06/6/00	27/06/00	13/07/00	22/08/00	26/9/00	17/10/00	05/12/00	12/1/00	15/2/01
u/s Island Seafoods	1.17	0.79	0.72	0.98	0.46	1.54	0.69	0.98	0.62	0.88	0.11	8.88
d/s Island Seafoods	1.45	0.85	0.98	0.76	0.80	1.41	0.62	1.12	0.68	1.17	0.63	1.27

B.O.D. (mg/l) recordings on the Loughaderry River.

	Date											
Station	23/03/00	19/04/00	16/05/00	06/6/00	27/06/00	13/07/00	22/08/00	26/9/00	17/10/00	05/12/00	12/1/00	15/2/01
u/s Island Seafoods	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
d/s Island Seafoods	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the Loughaderry River.

Station	Date											
	23/03/00	19/04/00	16/05/00	06/6/00	27/06/00	13/07/00	22/08/00	26/9/00	17/10/00	05/12/00	12/1/00	15/2/01
u/s Island Seafoods	<0.018	0.023	<0.018	<0.018	<0.018	0.031	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018
d/s Island Seafoods	<0.018	0.025	<0.018	<0.018	0.023	0.034	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018

Zn (mg/l) recordings on the Loughaderry River.

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	Date										
Station	03/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Barnes Bridge	8.00	6.50	11.80	14.00	21.20	19.00	17.00	12.00	7.30	0.70	8.30
d/s Lowrymore/Clogher confl.	7.60	6.50	10.20	11.50	17.50	15.70	13.50	12.00	7.50	0.80	

Temperature (°C) recordings on the Lowrymore River.

	Date											
Station	03/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Barnes Bridge	6.65	5.58	6.63	5.83	6.44	6.90	6.59	5.60	6.14	6.83	7.39	8.25
d/s Lowrymore/Clogher confl.	7.10	6.80	6.42	6.62	7.45	7.45	7.69	6.88	7.02	7.20	7.57	

pH recordings on the Lowrymore River.

	Date											
Station	03/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Barnes Bridge	64	40	44	40	56	60	40	22	41	51	62	44
d/s Lowrymore/Clogher confl.	106	60	74	64	118	124	94	58	66	63	119	

Conductivity (cms) recordings on the Lowrymore River.

	Date											
Station	03/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Barnes Bridge	11.59	10.14	9.89	9.99	8.56	9.07	9.62	9.78	11.00	10.42	11.93	9.94
d/s Lowrymore/Clogher confl.	11.50	9.25	10.50	10.75	9.05	9.73	9.68	9.79	10.72	10.37	12.60	

Dissolved Oxygen (mg/l) recordings on the Lowrymore River.

	Date											
Station	03/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Barnes Bridge	0.40	0.60	2.00	1.40	0.20	0.20	0.20	2.40	0.20	0.60	2.00	0.13
d/s Lowrymore/Clogher confl.	91.80	4.60	18.60	0.00	1.60	0.40	0.40	78.80	10.00	0.60	1.00	

Suspended Solids (mg/l) recordings on the Lowrymore River.

	Date										
Station	03/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Barnes Bridge	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01
d/s Lowrymore/Clogher confl.	<0.01	0.01	<0.01		<0.01	<0.01	<0.01	0.01	<0.01	0.01	

NH₃ as N (mg/l) recordings on the Lowrymore River.

	Date										
Station	03/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Barnes Bridge	0.01	0.01	0.17	0.01	0.02	0.01	<0.01	0.01	0.02	0.02	0.01
d/s Lowrymore/Clogher confl.	0.02	0.01	0.01	0.01	0.02	<0.01	0.08	<0.01	0.02	0.02	

NO₂ as N (mg/l) recordings on the Lowrymore River.

	Date										
Station	03/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Barnes Bridge	<0.01	<0.01		<0.01	<0.01	0.21	0.01	0.06	0.02	<0.01	0.01
d/s Lowrymore/Clogher confl.	0.02	0.01	0.04	<0.01	0.02	0.07	<0.01	0.02	0.05	0.05	

NO₃ as N (mg/l) recordings on the Lowrymore River.

	Date											
Station	03/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Barnes Bridge	0.005	0.01	0.683	0.03	<0.01	0.01	0.01	<0.01		0.05	0.01	<0.01
d/s Lowrymore/Clogher confl.	0.009	<0.01	0.02	0.02	0.01	<0.01	<0.01	0.05	<0.01	0.03	<0.01	

Total P (mg/l) recordings on the Lowrymore River.

	Date										
Station	03/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Barnes Bridge	<0.01	<0.01	0.13	0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01
d/s Lowrymore/Clogher confl.	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	

PO₄ (mg/l) recordings on the Lowrymore River.

	Date											
Station	03/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Barnes Bridge	0.61	1.27	1.19	2.93	0.26	0.44	0.29	1.39	0.97	0.85	0.18	0.13
d/s Lowrymore/Clogher confl.	0.67	1.62	1.74	0.49	0.63	0.65	0.99	2.16	1.16	0.95	0.69	

B.O.D. (mg/l) recordings on the Lowrymore River.

Station	Date										
	03/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Barnes Bridge	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
d/s Lowrymore/Clogher confl.	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the Lowrymore River.

Station	Date										
	03/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Barnes Bridge	<0.018	<0.018		<0.018	<0.018	<0.018	<0.018	0.048	<0.018	<0.018	0.084
d/s Lowrymore/Clogher confl.	<0.018	<0.018	0.026	<0.018	0.023	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018

Zn (mg/l) recordings on the Lowrymore River.

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Station	Date										
	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	07/11/00	03/1/01	31/1/01
Bridge d/s Tamur Lough	5.60	6.70	11.90	12.50	20.10	17.30	15.70	11.60	7.65	2.40	5.10
Ford w. of Corker Beg	4.20	6.80	12.60	13.80	18.40	16.80	13.50	10.90	8.20	3.20	5.70
Multins Bridge	4.10	6.80	13.20	13.50	18.40	16.40	13.80	10.90	7.80	2.90	5.40
Bridge at Milltown	6.91	7.41	7.17	6.99	7.30	7.46	7.19	10.90	7.80	3.20	5.20

Temperature (°C) recordings on the Oily River.

Station	Date										
	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	07/11/00	03/1/01	31/1/01
Bridge d/s Tamur Lough	6.62	7.24	7.19	6.84	7.00	7.70	6.98	6.64	6.86	6.99	6.90
Ford w. of Corker Beg	6.77	7.35	7.24	6.95	7.38	7.75	7.03	6.76	6.90	7.07	6.78
Multins Bridge	6.72	7.20	7.09	6.93	7.10	7.35	6.83	6.60	7.00	7.28	6.80
Bridge at Milltown	6.91	7.41	7.17	6.99	7.30	7.46	7.19	6.74	7.34	7.44	7.08

pH recordings on the Oily River.

Station	Date										
	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	07/11/00	03/1/01	31/1/01
Bridge d/s Tamur Lough	94	88	124	86	96	118	70	56	64	56	67
Ford w. of Corker Beg	102	98	138	110	112	130	74	62	87	54	66
Multins Bridge	102	100	146	116	116	130	68	64	81	58	76
Bridge at Milltown	106	106	158	122	118	122	80	68	90	66	78

Conductivity (cms) recordings on the Oily River.

Station	Date										
	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	07/11/00	03/1/01	31/1/01
Bridge d/s Tamur Lough	11.74	9.72	10.32	10.02	8.73	9.75	9.07	9.54	10.15	12.22	11.48
Ford w. of Corker Beg	12.75	10.10	10.84	10.21	9.56	10.56	9.25	9.95	10.09	10.73	11.09
Multins Bridge	12.92	10.72	9.73	10.09	9.07	9.41	9.29	9.88	10.12	9.75	11.39
Bridge at Milltown	12.39	9.02	10.06	10.13	9.36	10.13	9.27	9.91	10.13	9.74	11.24

Dissolved Oxygen (mg/l) recordings on the Oily River.

Station	Date										
	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	07/11/00	03/1/01	31/1/01
Bridge d/s Tamur Lough	8.40	15.60	0.60	6.20	1.00	1.00	1.40	1.20	3.00	1.60	1.20
Ford w. of Corker Beg	2.20	0.00	1.40	1.80	14.40	2.40	12.80	0.80	1.00	2.80	2.00
Multins Bridge	2.00	1.40	6.40	2.00	1.20	0.60	4.40	2.00	2.00	2.40	2.60
Bridge at Milltown	2.60	2.60	1.80	1.20	1.20	0.60	4.00	2.80	1.60	3.60	1.20

Suspended Solids (mg/l) recordings on the Oily River.

Station	Date										
	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	07/11/00	03/1/01	31/1/01
Bridge d/s Tamur Lough	0.01	0.01	0.01	<0.01		<0.01	<0.01	<0.01	<0.01	0.06	<0.01
Ford w. of Corker Beg	<0.01	0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	0.05	<0.01
Multins Bridge	<0.01	0.01	<0.01	<0.01		<0.01	0.02	0.02	<0.01	0.05	0.01
Bridge at Milltown	<0.01	0.01	<0.01	0.02	0.02	<0.01	<0.01	0.01	<0.01	0.05	<0.01

NH₃ as N (mg/l) recordings on the Oily River.

Station	Date										
	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	07/11/00	03/1/01	31/1/01
Bridge d/s Tamur Lough	0.03	<0.01	<0.01	0.01		0.02	0.01	0.03	<0.01	0.01	0.01
Ford w. of Corker Beg	<0.01	<0.01	0.02	0.02		0.02	0.02	0.03	0.02	0.01	0.02
Multins Bridge	0.03	<0.01	0.02	0.02		<0.01	0.03	0.03	0.01	0.02	0.01
Bridge at Milltown	0.01	0.03	<0.01	0.02	0.01	0.02	0.03	0.03	0.01	<0.01	0.01

NO₂ as N (mg/l) recordings on the Oily River.

Station	Date										
	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	07/11/00	03/1/01	31/1/01
Bridge d/s Tamur Lough	0.08	0.10	0.05	<0.01		<0.01	<0.01	0.07	<0.01	0.03	0.02
Ford w. of Corker Beg	<0.01	0.06	<0.01	0.44		<0.01	0.05	0.15	<0.01	0.02	<0.01
Multins Bridge	<0.01	0.06	<0.01	0.02		<0.01	0.01	0.04	0.03	0.04	0.01
Bridge at Milltown	<0.01	0.03	<0.01	0.03	0.03	<0.01	0.01	0.03	0.02	0.08	<0.01

NO₃ as N (mg/l) recordings on the Oily River.

Station	Date										
	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	07/11/00	03/1/01	31/1/01
Bridge d/s Tamur Lough	0.02	0.04		<0.01	0.03	0.01	0.01		0.01	0.02	0.01
Ford w. of Corker Beg	0.01	0.02	0.019	0.02		0.03	0.04	0.02	0.03	0.01	0.02
Multins Bridge	0.01	0.02	0.028	0.02	0.03	0.02	0.04	0.03	0.03	0.02	0.01
Bridge at Milltown	0.02	0.04	0.02	0.05	0.01	0.02	0.03	0.04	0.10	0.06	0.07

Total P (mg/l) recordings on the Oily River.

Station	Date										
	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	07/11/00	03/1/01	31/1/01
Bridge d/s Tamur Lough	0.01	<0.01	<0.01	<0.01		<0.01		<0.01	0.03	0.03	0.04
Ford w. of Corker Beg	<0.01	0.01	<0.01	<0.01		<0.01	<0.01	0.01	<0.01	0.03	<0.01
Multins Bridge	<0.01	<0.01	<0.01	0.01		<0.01	<0.01	0.07	0.07	0.03	0.02
Bridge at Milltown	<0.01	<0.01	<0.01	0.01	0.01	0.01	0.01	<0.01	0.21	0.03	<0.01

PO₄ (mg/l) recordings on the Oily River.

Station	Date										
	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	07/11/00	03/1/01	31/1/01
Bridge d/s Tamur Lough	1.15	0.85	0.58	1.57	0.97	0.17	0.83	1.70	0.78	1.49	0.60
Ford w. of Corker Beg	0.58	0.53	0.82	1.21	0.97	0.30	1.14	1.63	0.40	1.12	0.64
Multins Bridge	0.47	0.41	1.25	1.14	0.35	0.20	0.98	1.69	0.63	1.42	0.37
Bridge at Milltown	0.87	0.68	1.01	1.30	0.20	0.29	1.36	1.68	0.42	1.45	0.64

B.O.D. (mg/l) recordings on the Oily River.

Station	Date										
	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	07/11/00	03/1/01	31/1/01
Bridge d/s Tamur Lough	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ford w. of Corker Beg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02
Multins Bridge	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		<0.012	<0.02	<0.02	
Bridge at Milltown	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the Oily River.

Station	Date										
	04/4/00	26/4/00	17/5/00	07/6/00	28/6/00	18/7/00	05/9/00	28/9/00	07/11/00	03/1/01	31/1/01
Bridge d/s Tamur Lough	0.995	<0.018	<0.018	0.023	<0.018	0.022	<0.018	<0.018	<0.018	<0.018	0.034
Ford w. of Corker Beg	0.961	<0.018	<0.018	0.025	<0.018	0.023	<0.018	<0.018	<0.018	<0.018	<0.018
Multins Bridge	0.939	<0.018	<0.018	0.023	<0.018	0.023	<0.018	<0.018	<0.018	<0.018	<0.018
Bridge at Milltown	0.864	<0.018	<0.018	0.026	<0.018	0.023	<0.018	<0.018	<0.018	<0.018	<0.018

Zn (mg/l) recordings on the Oily River.

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Station	Date						
	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Durlough	7.14	7.03	5.56	6.03	6.23	7.13	7.19
Just E. of Largynasearhagh	7.30	7.11	5.53	6.03	6.33	7.10	7.02
Ford u/s Glen River confl.	7.12	7.11	5.55	6.00	6.18	7.14	6.80

pH recordings on the Owentskinny River.

Station	Date					
	11/7/00	24/8/00	21/9/00	31/10/00	09/1/01	13/2/01
S. of Durlough	100	96	26	63	64	66
Just E. of Largynasearhagh	100	86	31	69	68	67
Ford u/s Glen River confl.	104	90	37	70	68	66

Conductivity (cms) recordings on the Owentskinny River.

Station	Date						
	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Durlough	10.45	9.38	9.75	10.80	10.26	10.20	10.97
Just E. of Largynasearhagh	9.92	9.17	9.75	10.65	10.49	11.57	12.09
Ford u/s Glen River confl.	10.08	9.34	9.55	10.72	10.38	11.08	12.05

Dissolved Oxygen (mg/l) recordings on the Owentskinny River.

Station	Date						
	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Durlough	2.20	2.00	79.60	0.20	4.20	0.20	1.00
Just E. of Largynasearhagh	1.20	2.00	41.20	0.20	3.40	0.40	0.20
Ford u/s Glen River confl.	1.80	1.00	56.70	0.20	2.80	0.20	0.20

Suspended Solids (mg/l) recordings on the Owentskinny River.

Station	Date						
	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Durlough	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Just E. of Largynasearhagh	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01
Ford u/s Glen River confl.	<0.01	<0.01	0.01	<0.01	0.01	0.02	

NH₃ as N (mg/l) recordings on the Owentskinny River.

Station	Date						
	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Durlough		0.03	<0.01	0.01	0.02	0.01	0.05
Just E. of Largynasearhagh	<0.01	0.02	<0.01	0.02	0.02	0.02	0.05
Ford u/s Glen River confl.	<0.01	0.02	0.05	0.01	0.03	0.01	

NO₂ as N (mg/l) recordings on the Owentskinny River.

Station	Date						
	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Durlough		0.41	0.02	<0.01	<0.01	0.03	0.03
Just E. of Largynasearhagh	<0.01	0.01	<0.01	<0.01	<0.01	0.01	0.12
Ford u/s Glen River confl.	<0.01	<0.01	<0.01	0.02	<0.01	0.04	

NO₃ as N (mg/l) recordings on the Owentskinny River.

Station	Date						
	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Durlough	0.01	0.04	0.03	<0.01	0.04	0.01	
Just E. of Largynasearhagh	0.01	0.04	0.05	0.01	<0.01	0.01	0.01
Ford u/s Glen River confl.	0.02	<0.01	0.07	0.01	0.02	<0.01	0.03

Total P (mg/l) recordings on the Owentskinny River.

Station	Date						
	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Durlough	0.47	0.52	1.08	0.92	1.00	0.21	0.66
Just E. of Largynasearhagh	0.51	0.47	1.64	0.98	0.91	0.68	0.63
Ford u/s Glen River confl.	0.48	0.63	1.07	0.95	0.91	0.55	0.79

B.O.D. (mg/l) recordings on the Owentskinny River.

Station	Date						
	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Durlough	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Just E. of Largynasearhagh	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Ford u/s Glen River confl.	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the Owentskinny River.

Station	Date						
	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Durlough	0.032	<0.018	0.175	<0.018	<0.018	<0.018	<0.018
Just E. of Largynasearhagh	0.032	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018
Ford u/s Glen River confl.	0.033	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018

Zn (mg/l) recordings on the Owentskinny River.

Station	Date						
	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Durlough	<0.01	<0.01	0.01	0.07	0.04	0.21	0.02
Just E. of Largynasearhagh	<0.01	<0.01	<0.01	0.03	0.03	0.68	0.02
Ford u/s Glen River confl.	<0.01	<0.01	<0.01	0.03	0.03	0.55	

PO₄ (mg/l) recordings on the Owentskinny River.

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	Date											
Station	22/3/00	13/4/00	10/5/00	02/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Lough Unna	7.80	5.80	15.20	13.10	16.60	13.50	17.70	11.30	8.00	8.20	3.60	5.70
Carrick Lower Bridge	8.00	6.30	17.80	12.36	15.70	12.60	14.70	11.40	9.00	8.80	3.90	5.40

Temperature (°C) recordings on the Owenwee River.

	Date											
Station	22/3/00	13/4/00	10/5/00	02/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Lough Unna	6.83	6.61	7.96	6.71	6.11	6.53	6.03	5.73	5.44	5.98	7.35	6.20
Carrick Lower Bridge	7.26	6.72	8.03	6.72	7.05	7.38	7.18	6.67	6.16	6.91	6.86	7.22
pH Limit \geq	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50

pH recordings on the Owenwee River.

	Date											
Station	22/3/00	13/4/00	10/5/00	02/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	09/1/01	13/2/01	
S. of Lough Unna	138	122	134	106	96	102	74	58	66	56	79	
Carrick Lower Bridge	138	120	134	124	126	132	104	72	78	157	283	

Conductivity (cms) recordings on the Owenwee River.

	Date											
Station	22/3/00	13/4/00	10/5/00	02/6/00	21/6/00	11/7/00	24/8/00	21/9/00	10/1/00	30/11/00	09/1/01	13/2/01
S. of Lough Unna	11.41	10.64	8.32	9.97	8.63	10.00	9.10	9.70	10.55	9.97	9.80	10.07
Carrick Lower Bridge	11.25	10.73	6.02	10.30	8.89	10.28	9.37	9.73	10.35	9.56	9.65	11.86

Dissolved Oxygen (mg/l) recordings on the Owenwee River.

	Date											
Station	22/3/00	13/4/00	10/5/00	02/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Lough Unna	0.80	6.20	1.60	2.80	1.00	1.00	1.40	0.80	0.20	1.00	1.20	1.20
Carrick Lower Bridge	0.60	1.40	0.40	2.20	2.40	1.40	1.00	5.20	0.20	2.00	1.20	1.20

Suspended Solids (mg/l) recordings on the Owenwee River.

	Date									
Station	22/3/00	13/4/00	10/5/00	02/6/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Lough Unna		0.01	0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01
Carrick Lower Bridge	0.01	0.01	0.01	<0.01	<0.01	0.01	<0.01	0.01	<0.01	<0.01

NH₃ as N (mg/l) recordings on the Owenwee River.

	Date									
Station	22/3/00	13/4/00	10/5/00	02/6/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Lough Unna		0.01	<0.01	0.01	0.03	0.02	0.01	0.02	0.02	0.01
Carrick Lower Bridge	<0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.02

NO₂ as N (mg/l) recordings on the Owenwee River.

	Date									
Station	22/3/00	13/4/00	10/5/00	02/6/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Lough Unna		<0.01	0.05	0.03	<0.01	0.01	<0.01	<0.01	<0.01	<0.01
Carrick Lower Bridge	<0.01	<0.01	0.07	0.03	0.21	0.08	0.01	<0.01	0.06	<0.01

NO₃ as N (mg/l) recordings on the Owenwee River.

	Date											
Station	22/3/00	13/4/00	10/5/00	02/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Lough Unna	0.017	<0.01	0.04	0.04	<0.01	0.01	<0.01	0.01	<0.01	0.02	0.01	0.02
Carrick Lower Bridge	0.02	0.01	<0.01	0.01	0.04	0.02	0.01	0.02	0.05	0.04	0.09	0.05

Total P (mg/l) recordings on the Owenwee River.

	Date									
Station	22/3/00	13/4/00	10/5/00	02/6/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Lough Unna		<0.01	<0.01	<0.01	<0.01	0.01	0.02	0.03	0.01	<0.01
Carrick Lower Bridge	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	0.03	0.09	<0.01

PO₄ (mg/l) recordings on the Owenwee River.

	Date											
Station	22/3/00	13/4/00	10/5/00	02/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Lough Unna	0.84	1.51	0.68	0.72	0.85	0.51	0.63	1.01	0.76	0.79	0.80	0.70
Carrick Lower Bridge	0.73	1.41	0.41	0.94	0.57	0.44	0.55	1.14	0.87	0.82	0.82	0.69

B.O.D. (mg/l) recordings on the Owenwee River.

Station	Date											
	22/3/00	13/4/00	10/5/00	02/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Lough Unna	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Carrick Lower Bridge	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02

Cu (mg/l) recordings on the Owenwee River.

Station	Date											
	22/3/00	13/4/00	10/5/00	02/6/00	21/6/00	11/7/00	24/8/00	21/9/00	31/10/00	30/11/00	09/1/01	13/2/01
S. of Lough Unna	0.029	0.026	<0.018	0.023	0.026	0.035	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018
Carrick Lower Bridge	0.025	0.028	<0.018	0.025	0.02	0.032	<0.018	<0.018	<0.018	<0.018	<0.018	<0.018

Zn (mg/l) recordings on the Owenwee River.

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Station	Date									
	25/5/00	14/6/00	05/7/00	27/7/00	12/9/00	05/10/00	28/11/00	14/12/00	30/1/01	05/5/01
u/s Cliff Station	11.10	13.50	18.50	19.40	15.90		9.20	6.50	4.10	5.70
u/s Cathleen's Falls	12.30	14.20	18.40	19.30	16.20	13.70	9.50	6.70	4.10	6.20
u/s ESB Fish	12.10		19.00				9.00	6.70	3.60	5.80
d/s ESB Fish	12.10	13.70	17.80	18.50	16.10	13.70		6.60	4.10	5.70

Temperature (°C) recordings on the River Erne.

Station	Date									
	25/5/00	14/6/00	05/7/00	27/7/00	12/9/00	05/10/00	28/11/00	14/12/00	30/1/01	05/5/01
u/s Cliff Station	7.87	7.86	8.03	8.65	8.11	8.08	7.71	8.05	8.30	8.03
u/s Cathleen's Falls	7.73	7.96	8.14	8.82	8.20	8.15	8.10	8.05	8.12	8.08
u/s ESB Fish	7.84	7.83	8.10	8.53	7.80	8.07	8.04	8.06	8.14	8.11
d/s ESB Fish	7.81	7.84	8.12	8.26	7.98	8.06		8.03	8.12	8.06

pH recordings on the River Erne.

Station	Date									
	25/5/00	14/6/00	05/7/00	27/7/00	12/9/00	05/10/00	28/11/00	14/12/00	30/1/01	05/5/01
u/s Cliff Station	224	228	226	218	228	219	210	208	199	203
u/s Cathleen's Falls	226	226	226	222	228	224	214	210	206	205
u/s ESB Fish	207	207	205	204	224	222	213	209	204	204
d/s ESB Fish	238	238	230	362	254	228		199	206	208

Conductivity (cms) recordings on the River Erne.

Station	Date									
	25/5/00	14/6/00	05/7/00	27/7/00	12/9/00	05/10/00	28/11/00	14/12/00	30/1/01	05/5/01
u/s Cliff Station	10.16	9.60	8.82	9.64	9.05	9.38	10.59	9.19	9.71	10.64
u/s Cathleen's Falls	10.65	10.19	9.50	10.16	9.34	9.44	10.60	10.05	9.77	11.53
u/s ESB Fish	9.76	9.50	9.07	9.26	9.34	9.76	10.64	9.77	10.59	9.73
d/s ESB Fish	10.19	9.49	8.90	8.68	9.22	9.54		11.31	11.07	10.45

Dissolved Oxygen (mg/l) recordings on the River Erne.

Station	Date									
	25/5/00	14/6/00	05/7/00	27/7/00	12/9/00	05/10/00	28/11/00	14/12/00	30/1/01	05/5/01
u/s Cliff Station	0.60	2.60	2.80	1.40	3.40	5.40	3.80	4.40	0.60	3.20
u/s Cathleen's Falls	0.20	1.00	4.40	3.60	0.40	0.80	5.60	2.20	0.40	2.80
u/s ESB Fish	0.40	0.60	0.80	2.40	0.20	0.60	2.20	2.20	0.60	1.80
d/s ESB Fish	0.40	2.60	1.20	13.40	2.40	0.40		3.20	0.60	8.00

Suspended Solids (mg/l) recordings on the River Erne.

Station	Date									
	25/5/00	14/6/00	05/7/00	27/7/00	12/9/00	05/10/00	28/11/00	14/12/00	30/1/01	05/5/01
u/s Cliff Station	0.91	0.58	0.63	2.64	1.02	0.75	1.97	1.03	0.71	1.28
u/s Cathleen's Falls	0.52	0.37	0.62	1.25	0.29	0.45	1.80	1.01	0.34	1.72
u/s ESB Fish	0.45	0.27	0.39	1.84	0.15	0.19	1.32	0.58	0.18	1.09
d/s ESB Fish	0.36	0.28	0.35	2.50	0.36	0.24		0.61	0.15	0.57

B.O.D. (mg/l) recordings on the River Erne.

Station	Date									
	25/5/00	14/6/00	05/7/00	27/7/00	12/9/00	05/10/00	28/11/00	14/12/00	30/1/01	05/5/01
u/s Cliff Station	<0.01	<0.01	0.03	0.04	<0.01	<0.01	0.11	0.01	<0.01	0.02
u/s Cathleen's Falls	0.01	<0.01	0.01	0.05	<0.01	<0.01	0.02	<0.01	<0.01	0.02
u/s ESB Fish	<0.01	<0.01	0.03	0.06	0.06	<0.01	<0.01	<0.01	0.04	0.03
d/s ESB Fish	0.02	<0.01	0.03	0.05	0.03	<0.01		<0.01	<0.01	0.02

NH3 as N (mg/l) recordings on the River Erne.

Station	Date									
	25/5/00	14/6/00	05/7/00	27/7/00	12/9/00	05/10/00	28/11/00	14/12/00	30/1/01	05/5/01
u/s Cliff Station	0.02	0.01	0.03	0.08	0.02	<0.01	0.01	0.02	0.05	0.01
u/s Cathleen's Falls	0.02	0.02	0.02	<0.01	0.03	0.01	0.02	0.01	0.01	0.01
u/s ESB Fish	0.02	0.01	0.01	0.06	0.06	<0.01	0.02	0.01	0.01	0.01
d/s ESB Fish	<0.01	0.02	0.03	0.03	<0.01	0.01		0.02	0.01	0.01

NO2 as N (mg/l) recordings on the River Erne.

Station	Date									
	25/5/00	14/6/00	05/7/00	27/7/00	12/9/00	05/10/00	28/11/00	14/12/00	30/1/01	05/5/01
u/s Cliff Station	0.46	0.46	0.27	0.16	0.32	0.39	0.48	0.34	0.10	0.65
u/s Cathleen's Falls	0.46	0.36	0.30	0.29	0.30	0.28	0.53	0.36	0.60	0.66
u/s ESB Fish	0.38	0.42	0.29	0.18	0.48	0.39	0.46	0.39	<0.01	0.66
d/s ESB Fish	0.31	0.45	0.28	0.20	0.52	0.38		0.33	<0.01	0.68

NO₃ as N (mg/l) recordings on the River Erne.

Station	Date									
	25/5/00	14/6/00	05/7/00	27/7/00	12/9/00	05/10/00	28/11/00	14/12/00	30/1/01	
u/s Cliff Generating Station	0.03	0.04		0.04	0.05	0.06	0.07	0.08		0.06
u/s Cathleen's Falls	<0.01	0.02	0.02	0.02	0.04	0.04	0.08	0.07		0.06
u/s ESB Fish	0.05	0.03	0.04	0.05	0.04	0.04	0.03	0.05		0.05
d/s ESB Fish	0.05	0.03		0.03	0.04	0.03		0.04		

Total P (mg/l) recordings on the River Erne.

Station	Date									
	25/5/00	14/6/00	05/7/00	27/7/00	12/9/00	05/10/00	28/11/00	14/12/00	30/1/01	05/5/01
u/s Cliff Station	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	0.11	0.08	0.02	0.03
u/s Cathleen's Falls	0.02	0.02	<0.01	<0.01	0.01	<0.01	0.04	0.06	0.03	0.03
u/s ESB Fish	0.02	<0.01	<0.01	<0.01	0.03	<0.01	0.05	0.05	<0.01	0.01
d/s ESB Fish	0.02	0.02	<0.01	0.02	0.01	<0.01		0.05	<0.01	0.03

PO₄ (mg/l) recordings on the River Erne.

Station	Date								
	25/5/00	14/6/00	05/7/00	27/7/00	12/9/00	05/10/00	28/11/00	30/1/01	
u/s Cliff Station	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
u/s Cathleen's Falls	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
u/s ESB Fish	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
d/s ESB Fish	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	

Cu (mg/l) recordings on the River Erne.

Station	Date							
	25/5/00	14/6/00	05/7/00	27/7/00	12/9/00	05/10/00	28/11/00	30/1/01
u/s Cliff Station	0.067	<0.018	0.048	<0.018	0.043	0.027	0.064	0.023
u/s Cathleen's Falls	<0.018	<0.018	0.033	<0.018	<0.018	0.03	0.046	0.045
u/s ESB Fish	<0.018	<0.018	0.029	<0.018	<0.018	<0.018	<0.018	<0.018
d/s ESB Fish	0.062	0.023	0.047	0.035	0.047	<0.018		<0.018

Zn (mg/l) recordings on the River Erne.

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Station	Date												
	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	19/7/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Lough Eske Bridge	8.40	8.50	13.10	13.70	22.10		18.80	19.40	14.40	9.80		2.20	5.60
Thrushbank Bridge	8.30	8.40	12.60	13.70	20.50		16.80	18.20	13.20	9.80		1.80	5.40
d/s Drumenny/Eske confl.	7.90	7.20	10.90	12.70	18.40	16.70	16.00	16.40	13.20	9.50	7.80	1.20	
East Bridge, Donegal Town	7.80	7.90	12.00	13.00	18.70	16.80	15.90	17.10	13.90	10.00	7.85	1.50	

Temperature (°C) recordings on the River Eske.

Station	Date												
	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	19/7/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Lough Eske Bridge	7.78	7.45	6.90	6.75	6.81		7.59	7.51	7.05	7.26	7.33	7.30	7.25
Thrushbank Bridge	7.86	7.42	7.25	6.88	7.18		7.77	7.67	7.22	7.40	7.35	7.43	7.41
d/s Drumenny/Eske confl.	7.81	7.31	7.49	7.04	7.23	7.82	7.92	8.00	7.73	7.40	7.19	7.74	
East Bridge, Donegal Town	7.96	7.22	7.50	7.11	7.03	8.37	8.11	8.06	7.72	7.45	7.25	7.65	

pH recordings on the River Eske.

Station	Date												
	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	19/7/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Lough Eske Bridge	86	84	86	82	82		82	82	76	68	59	65	59
Thrushbank Bridge	104	96	120	90	100		94	88	92	77	69	83	67
d/s Drumenny/Eske confl.	150	106	272	106	130	130	128	130	164	100	106	144	
East Bridge, Donegal Town	167	100	172	98	112	110	112	110	110	90	84	115	

Conductivity (cms) recordings on the River Eske.

Station	Date												
	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	19/7/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Lough Eske Bridge	11.56	10.05	10.54	10.07	9.32		9.51	9.38	9.60	10.58	10.18	11.95	11.70
Thrushbank Bridge	11.19	9.13	10.20	10.20	8.77		9.56	9.43	9.36	10.69	10.46	12.20	12.60
d/s Drumenny/Eske confl.	11.60	10.33	10.03	10.34	9.07	9.73	10.06	9.61	9.47	10.72	10.41	12.42	
East Bridge, Donegal Town	11.32	10.55	11.24	10.31	9.31	10.25	10.47	9.44	9.69	10.53	10.63	12.57	

Dissolved Oxygen (mg/l) recordings on the River Eske.

Station	Date												
	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	19/7/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Lough Eske Bridge	0.20	1.40	1.40	0.20	4.40		1.80	0.40	4.60	0.20	0.20	0.20	2.60
Thrushbank Bridge	21.00	3.00	1.40	0.20	0.20		0.20	0.40	75.60	0.60	2.00	0.20	0.80
d/s Drumenny/Eske confl.	12.00	3.20	19.80	0.20	1.20	2.40	3.40	0.20	21.60	2.40	1.40	0.20	
East Bridge, Donegal Town	74.40	2.60	2.40	0.20	0.80	0.80	0.80	0.40	3.00	0.80	0.22	0.80	

Suspended Solids (mg/l) recordings on the River Eske.

Station	Date												
	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	19/7/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01	
Lough Eske Bridge	<0.01	0.01	<0.01	<0.01	<0.01		<0.01	0.02	<0.01	<0.01	<0.01	0.09	
Thrushbank Bridge	0.01	0.01	<0.01	<0.01			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
d/s Drumenny/Eske confl.	0.01	0.02	0.03	<0.01	0.04	0.06	0.04	0.03	0.07	0.01	0.02		
East Bridge, Donegal Town	<0.01	0.02	<0.01	<0.01	4.48	<0.01	<0.01	0.03	0.01	<0.01	<0.01		

NH₃ as N (mg/l) recordings on the River Eske.

Station	Date												
	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	19/7/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01	
Lough Eske Bridge	<0.01	0.01	0.04	0.02	0.02		0.01	<0.01	0.02	0.02	0.02	0.01	
Thrushbank Bridge	0.02	0.01	0.01	0.01			0.01	<0.01	0.03	<0.01	0.01	0.01	
d/s Drumenny/Eske confl.	0.01	0.01	0.02	0.01	<0.01	0.02	0.05	0.02	0.03	0.01	0.02		
East Bridge, Donegal Town	<0.01	0.03	0.01	0.02	0.41	0.02	0.02	0.01	0.01	0.01	0.01		

NO₂ as N (mg/l) recordings on the River Eske.

Station	Date												
	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	19/7/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01	
Lough Eske Bridge	0.01	0.02	0.04	0.05	0.02		0.02	0.03	0.09	0.05	<0.01	<0.01	
Thrushbank Bridge	0.08	0.03	0.09	0.06			0.05	0.07	0.11	0.08	0.04	<0.01	
d/s Drumenny/Eske confl.	0.11	0.02	0.04	0.03	0.05	0.06	0.04	0.04	0.08	0.04	0.10		
East Bridge, Donegal Town	0.02	0.70	0.02	0.05	8.26	0.09	0.03	0.08	0.06	0.04	<0.01		

NO₃ as N (mg/l) recordings on the River Eske.

Station	Date											
	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Lough Eske Bridge	0.012	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	0.02	<0.01	<0.01	<0.01	0.03
Thrushbank Bridge	0.012	0.01	<0.01		0.01	0.01	<0.01	0.25	<0.01	0.05	0.02	<0.01
d/s Drumenny/Eske confl.	0.019	<0.01	0.01	0.01	0.01	0.02	0.04	0.14	0.01	0.11	0.01	
East Bridge, Donegal Town	0.07	0.03	<0.01		0.01	0.01	0.04	0.02	0.03	0.03	0.09	

Total P (mg/l) recordings on the River Eske.

Station	Date											
	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	19/7/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Lough Eske Bridge	<0.01	<0.01	<0.01	0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Thrushbank Bridge	0.01	<0.01	0.01	<0.01			<0.01	<0.01	0.05	<0.01	<0.01	<0.01
d/s Drumenny/Eske confl.	0.01	<0.01	0.02	<0.01	<0.01	0.01	<0.01	<0.01	0.02	0.01	<0.01	
East Bridge, Donegal Town	0.01	0.01	<0.01	0.01	<0.01	0.09	<0.01	<0.01	0.01	<0.01	<0.01	

PO₄ (mg/l) recordings on the River Eske.

Station	Date												
	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	19/7/00	20/7/00	30/8/00	27/9/00	02/11/00	12/12/00	18/1/01	14/3/01
Lough Eske Bridge	0.52	1.16	1.20	0.31	0.68		0.11	0.76	0.68	1.06	0.82	0.87	0.58
Thrushbank Bridge	0.94	1.31	1.08	0.48	0.34		0.34	0.75	3.66	1.61	0.77	0.84	0.09
d/s Drumenny/Eske confl.	1.29	1.57	5.27	0.67	0.30	0.57	0.51	0.90	1.92	1.29	0.91	0.86	
East Bridge, Donegal Town	1.43	1.78	1.43	1.05	0.73	0.69	0.61	1.28	0.79	1.50	1.21	0.58	

B.O.D. (mg/l) recordings on the River Eske.

Station	Date										
	30/3/00	27/4/00	18/5/00	13/6/00	29/6/00	20/7/00	30/8/00	27/9/00	02/11/00	18/1/01	14/3/01
Lough Eske Bridge	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Thrushbank Bridge	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	<0.02
d/s Drumenny/Eske confl.	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	
East Bridge, Donegal Town	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	

Cu (mg/l) recordings on the River Eske.

Appendix E

Freshwater Fisheries

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Appendix E.1. Summary of current Donegal Bay riverine salmonid fishery resources (* = fair, ** = good/important or * = very good/extremely valuable)**

Catchment	Major subcatchments	Catchment size	MSW Salmon		1 SW Salmon		Sea Trout		Brown trout		Summary of current status
			Spawning/nursery g	Angling g	Spawning/nursery g	Angling g	Spawning/nursery g	Angling g	Spawning/nursery g	Angling g	
Glen	Owenwee	medium	*	*	***	**	*	**	**	*	Good grilse fishery with good roadside access; salmon spawning/nursery
	Glen (middle & lower)	large	*	*	***	***	**	**	**	*	Productive grilse fishery; some sea trout; good spawning/nursery; good access
	Glen (upper)				**		**		**		Mixed salmon and trout spawning nursery area; upper reaches near Lougheraherk confined to trout production
	Owenteskiny (lower)	medium	*		***		**		**	*	Mainly high gradient riffle; long sections were drained in the 1990's to alleviate flooding but it remains suitable for spawning
	Owenteskiny (upper)	medium			***		**		**	*	Spawning/nursery channel; mainly used by trout; salmon generally confined to confluence with L.Nalughraman outflow
	Crow	medium	*	*	*	*	**	*	**	*	Productive salmon spawning/nursery for salmon up to falls (impassable)
Ballaghdoe	Ballaghdoe	medium			*	*	*	*	*	*	Essentially a trout producing catchment with salmon angling (low usage) limited to sections of the lower 2 km of the channel
Glenaddragh	Glenaddragh	medium			*	*	*	*	*	*	Generally high gradient trout producing catchment with salmon angling possibilities limited to several pools in middle reaches and extreme lower reaches (lower 700 m); weir (no fish pass) for potable water supply located in middle reaches
Fintragh	Fintragh	small					**	*	**	*	Small trout stream; some evidence of salmon poaching in extreme lower reaches

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Cunlin Lough outflow	Cunlin Lough	small			**		**		Small trout stream; may contribute to sea trout populations in Killybegs Bay area
Bungosteen	L. Aderry outflow	medium		*	*		*		High gradient salmonid production unit (mainly trout)
	Roechrow	medium		*	*		**		High gradient salmonid production unit (mainly trout)
	Meengilcarry	medium		*	*		**		No salmon recorded; trout producing subcatchment
	Stragar	medium		*	*	*	*	**	* Excellent salmonid fishery potential; requires remedial works and access improvement/fishery development programme
	Bungosteen	medium		*	*	**	*	**	* Excellent salmonid fishery potential; requires remedial works and access improvement/fishery development programme
Oily	Tullinteane	small			**		**		Small trout producing stream
	Corker	medium		**	*	**	*	**	* Productive salmonid tributary with some angling possibilities
	Oily	medium	*	*	***	*	**	**	* Productive salmonid channel with some angling possibilities but poor access
Bunlacky	Bunlacky	small			*	*	**		Small trout producing stream
Eany	Eany Beg	medium		**	**	**		**	Productive salmonid producing unit with some angling in lower reaches; salmon production limited to lower reaches
	Sruell	medium			**		**		Productive trout producing unit
	Eglis	medium			**		**		Productive trout producing unit
	Eany more Water/Eany main channel	large	*	*	***	**	**	*	Productive salmonid producing unit with extensive angling water throughout
Eddrim	Eddrim	small			*		*		Small catchment suitable for trout but no salmonids recorded where sampled

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Eske	Clady	small		**	**	**		L. Eske salmonid spawning/nursery channel; rehabilitation works carried out	
	Corabber	small		**	**	**	*	* Extensive L. Eske salmonid spawning/nursery channel; productive for salmon in lower reaches;enhancement works carried out recently	
	Clashalarbin	small		*		*		Small high gradient tributary of L. Eske; good salmon production in lower reaches only; trout producing channel	
	Lowerymore	large	*	**	*	*	**	* Extensive subcatchment; fish lift pass at falls in lower reaches (installed as part of hydro-scheme) should facilitate access to upper reaches; temporary salmon fry hatchery to provide stock for newly available habitat	
	Clogher	small		*			**	Productive trout producing unit; salmon production in lower reaches	
	Eske	medium	**	**	**	**	**	* Productive salmon producing unit with angling water throughout; moderate trout production	
	Drummenny	medium		**	**		**	* Productive trout producing unit; salmon production confined to lower reaches; angling is spate dependent	
Laghy	Laghy North	medium		**	**	**	**	* Productive salmonid producing unit with salmon confined to lower reaches; high rating for potential	
	Laghy South	medium		**	**	**	**	* Productive salmonid producing unit with salmon confined to lower reaches	
Bridgetown/ Murvagh	Bridgetown	large		**	*	**	***	**	* Productive salmonid producing unit in lower reaches; excellent sea trout fishery in lower reaches
Ballintra	Ballintra	large		**	*	**	**	**	* Productive salmonid producing unit in lower reaches; occasional large brown trout are taken on rod & line; pike which were introduced within past 25 years have impacted on game fish

Abbey	Abbey	medium			**	*	**	**	**	*	Drained system which is productive for sea trout although not heavily angled; stocked by ESB with juvenile salmon; OPW maintain channel regularly
Erne	Erne	large						**			Impounded for hydroelectric scheme; limited salmon angling value; good sea trout angling in the estuary
Bradogue	Bradogue	small					*		**	*	Small moderately productive trout stream; limited angling value

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Appendix E2. Summary of fisheries resources relating to large/principal lake fisheries discharging into Donegal Bay

Catchment	Subcatchment	Lake	GIS ref.	Area (ha)	Average depth (m)	Fish species present							NRF B survey date	% shoreline fishable	Summary of fishery status (data from various sources including O'Reilly, 1998; Donaher, 2001 and NRFB staff)	
						Salmon	Sea trout	Brown trout	Pike	Perc h	Rudd	Roach	Char*			
Glen	Owenwee	Agh	155576/378829	6.14				Yes						1992	Scenic corrie lake which holds a good stock of brown trout (average 200g) with some fish to 400g	
		Auva	153857/381171	18.83		Some	Some	Yes						1992	Accessible with poor stocks of small trout; occasional sea trout	
		Divna	157293/383728	14.12				Yes							Excellent stock of brown trout to 200g	
		Unna	157065/381232	27.2		Some	Yes	Yes						1992	Large lake with good stocks of small brown trout and sea trout (finnock) with occasional salmon (grilse)	
		Unshagh	154936/381896	12.42											Unknown	
		Glen Geeta	158224/385379	4.93												
		Lougherherk	159387/388442	6.67			Some	Yes						1992	Shallow lake with good stocks of brown trout (average 200g) and occasional sea trout	
		Owenteskiny	Nalughraman	16577/388689	56.29				Yes				Yes	1992	Large remote lake with stocks of small trout and some char	
Ballaghadoo																
	Ballaghdoon	Nambraddan	162685/381072	3.23											Contains brown trout to 500g	
Cunlin Lough outflow																
	outflow	Cunlin	171109/378871	1.71											Unknown; small lake	
Bungosteen																
	Loughaderry	Aderry	171568/381627	17.61			Yes?	Yes							Impounded in 1993; no fish pass; good stock of small brown trout (average 100g); current status of sea trout (finnock) unknown	
		Aroshin	170096/380746	5.99											Unknown	
Oily																
	Oily	Croagh	177951/382251	9.84	3.3			Yes						1982	90	Good population of small brown trout (to 100 g)
	Corker	Namanfin	180045/383888	2.71	4.2		Yes?	Yes				Yes?	1982	95	Good stocks of trout to 170 g; reports of char & sea trout unconfirmed	
		Tamur	181108/385834	14.4	4			Yes							Trout fishery	
Eany																
	Eany Beg	Camlargy	186557/384910	2.29											Unknown	
	Sruell	Meenaguse	190286/38	4.27											Unknown	

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Abbey	Ardpatton	189716/36 5321	3.16	2.6				Yes	Yes	Yes				1983	limited	No fish recorded during survey; reputed to hold pike, perch & rudd (Donaher, 2001) ; more suited to boat angling	
	Ballywara	195692/36 6037	9.37	2				Yes	Yes					1983	35	Shallow lake with good access; holds stocks of small pike & small perch	
	Carricknahorna	192433/36 5313	2.38	2.7					Yes	Yes				1983	0	Small nos of perch (to 200 g) and rudd; reputed to hold pike also	
	Fisla	195968/36 4345	2.97													Unknown	
	Golagh	196531/36 6168	60.4	6.4				Yes	Yes					1983	85	Pike (to 3 kg) and some perch (to 400 g)	
	Knader	189257/36 1655	5.59	4.5										1982	70	No fish recorded during survey; probably coarse fish present	
	Lee	196261/36 5404	15.1	4.5				Yes	Yes					1983	65	Small pike and perch	
	Loughnabrackalan	195461/36 3927	2.69				Yes			Yes				2001*	30	Good stocks of trout to 250 g	
	Roshin	192573/36 4321	13.8	3.2		Yes?	Yes	Yes	Yes					1983	30	Reputed to hold large perch; deep central trough (13m); marly bottom?	
	Tullyhorky	189764/36 3433	3.3	3.1				Yes	Yes	Yes?	Yes?			1983	5	Small stocks of pike, perch and either rudd or roach: stocked with trout in the 1980's	
	Unshin	194951/36 3759	27.4	4.85			Yes		Yes	Yes				2001*	40	Good stocks of small trout; other species which are not angled	
	Erne																
Erne	Assaroe	191247/36 0712	234.	2	Some	Some?	Yes	Yes	Yes			Yes				Artificial lake; good coarse fish & pike fishery; small stocks of large (average 800 g) brown trout with occasional salmon (& sea trout?); bream also present	

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Appendix E3. Results of electrofishing of riverine sites in channels discharging into Donegal Bay 2000 - 2001

Site code	River/catchment	Grid ref.	E'fishing duration (min)	No. units	No. passes	Salmon (no.)	Trout (no.)	Eel (no.)	Flounder (no.)	Pike (no.)	Crayfish (no.)	Comments
01/GN/1	Glen Owenwee	G 54898 80268	15	2	1	0	47					
01/GN/2	Owenwee	G 54904 80266	30	2	1	25	18	5				1 silver eel present
01/BO/1	Ballaghdoe/Glenaddragh d/s Br. Upper reaches	G 63172 79494	15	1	1	0	31					flood cond.; highly coloured
01/BO/2	50m d/s Kilcar Br.		24	2	1	2	16	13				
01/GH/1	u/s Kilcar Br.	G 61791 76122	31	2	1	2	33	27				flood cond.
01/FH/1	Fintragh At roadside	G 69573 77162	19	2	1		67	3				
01/CN/1	Cullin Lough outflow	G 72327 78582	10	1	1		31	1				
01/BN/1	Bungosteen L. Aderry outflow	G 72976 80593	20	2	1	2	13	2				flood cond.
01/BN/2	Roechroe d/s Br.	G 73729 83045	20	2	1	1	1	1				
01/BN/3	d/s Meentullynagam Br.	G 74178 82766	30	2	2		8	5				56 - 1st fishing; 24 - 2nd fishing
01/OY/1	Oily Tullinteane River	G 76185 84041	19	1	1		34	1				
01/OY/2	Corker River	G 77703 84179	26	2	1	51	53					1 sea trout (38cm)
01/OY/3	u/s Multins Br.	G 75148 80433	46	2	1	106	43	5				2 sea trout
01/BY/1	Bun lacky u/s Dromisclin Br.	G 77454 77687	22	1	1		24	1				Bedrock dominated
01/EY/1	Eany Eanybeg d/s Br.	G 86170 83796	19	2	1	22	4	2				1 S/T hybrid recorded
01/EY/2	Sruell River	G 90879 87295	29	1	1		46	2				
01/EY/3	Eglish River u/s Meenataggart Br.	G 92605 86109	26	1	1		37	2				
01/ED/1	Eddrim Main channel	G 89393 77940	15	1	1			3	Present			limited production potential
01/EE/1	Eske Clady	G 96730 84388	25	1	1	6	37	4				
01/EE/2	Coradder	G 97310 86589	40	2	2	28	14	14				1 S/T hybrid (9cm)
01/EE/3	Lowerymore @ picnic site	H 03048 85771	80	2	3		63					
01/EE/4	Clogher u/s Clogher Br.	G 99227 81211	15	1	1		45	1				
	Drummenny											

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01/EE/5	Drummenny	H 00651 79109	25	1	1		12	1					
01/EE/6	Drummenny u/s Aghlam Br.	G 98752 78808	25	1	1		31	1					
01/EE/7	Drummenny u/s of Mill Br.	G 93746 78559	30	2	1	55	68	13	3				1 sea trout (26cm)
Laghy North													
01/LN/1	d/s Br. In middle reaches	G 98026 96477	35	2	1		81						
01/LN/2	d/s ford	G 95824 76501	65	2	2	67	142	34					
Laghy South													
01/LS/1	Laghy Barr	G 98822 74806	30	1	1		30						
01/LS/2	d/s Br. S. of Golard lake	G 97344 74476	20	1	1		34						
01/LS/3	Laghy village	G 94439 74499	30	2	1	34	51	9					
01/LS/4	Picnic area /main rd	G 94010 74968	90	2	2	197	17	2	1				3-sp. Stickleback also present (Ar1)
Bridgetown River													
00/BN/1	Dunragh L. outflow	H 00146 71261		2									No fish recorded/ severe tunnelling Fishing efficiency poor
00/BN/2	Main channel	G 97926 70528		2	1		28	3					
00/BN/3	500m d/s Rath Br.	G 94390 70766		2	2	3	33	2					
00/BN/4	Trib. From L. Acoon	G 96144 72470		1	1		23						
00/BN/5	Bridgetown	G 92805 71859		2	2	18	13						
00/BN/6	Lower reaches	G 91206 71776		2	2	54	1	<2	6				Water levels exceptionally low
Ballintra River													
00/BA/1	Br.d/s L. Shivnagh	G 99258 67804		2	1		3			1	15-20	Pike aged at 0+	
00/BA/2	Main channel 150m u/s L. Rath	G 97422 68888		2	1		2				Abundant	large nos of crayfish	
00/BA/3	Trib. From L. Natragh	G 97597 69066		2	1							Abundant	
00/BA/4	u/s Aghadullagh Br.	G 92435 69660		2			11	10				impassable waterfall present	
00/BA/5	Ballintra	G 91976 69927		2	2	51	29	A				A = abundant	
Abbey River													
01/AY/1	Inflow	G 95243 63623	15	1			13	1					
01/AY/2	Outflow	G 94514 63915	15	1	1		15						
01/AY/3	Outflow (d/s culvert)		25	2	1		21						
Bradogue													
01/BR/1	middle reaches	G 84656 58235	30	1	1		7	3					
01/BR/2	near footbridge at church	G 81911 58691	25	1	1		24	4	22				Minnow & stickleback common

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Appendix E4. Densities (no./m2) of salmonids from the Donegal Bay survey 2000-2001

Site Code	River/location	Salmon Fry (0+)	Salmon Parr (>0+)	Trout Fry (0+)	Trout Parr (1+)	Trout adults (>1+)
01/GN/1	Glen Upper Owenwee	0	0	0.222*	0.168*	0.061*
01/GN/2	Lower Owenwee	0.104*	0.081*	0.029*	0.035*	0.034*
01/BO/1	Ballaghdoe/Glenadragh d/s Br. Upper reaches	0	0	0.219*	0.115*	0.177*
01/BO/2	50m d/s Kilcar Br.	0	0.015*	0	0.035*	0.070*
01/GH/1	u/s Kilcar Br.	0	0.008*	0	0.075*	0.031*
01/FH/1	Fintragh middle reaches	0	0	0.220*	0.189*	0.222*
01/CN/1	Cunlin Lough outflow	0	0	0.277*	0.150*	0.185*
01/BN/1	Bungosteen L. Aderry outflow	0	0.037*	0	0.073*	0.132*
01/BN/2	Roehroe d/s Br.	0	0.011*	0.124*	0.058*	0.022*
01/BN/3	d/s Meentullynagarn Br.	0	0	0.522 (0.555)	0.228 (0.017)	0
01/OY/1	Oily Tullinteane River	0	0	0.280*	0	0.070*
01/OY/2	Corker River	0.279*	0.118*	0.171*	0.073*	0.039*
01/OY/3	u/s Multins Br.	0.372*	0.278*	0.079*	0.063*	0.043*
01/BY/1	Bun Lacky u/s of Dromisclin Br.	0	0	0.020*	0.098*	0.016*
01/EY/1	Eany Eanybeg d/s Br.	0.134*	0.151*	0.040*	0	0
01/EY/2	Sruell River	0	0	0.120*	0.081*	0.074*
01/EY/3	English River u/s Meenataggart Br.	0	0	0.041*	0.031*	0.102*
01/ED/1	Eddrim Main channel	0	0	0	0	0
01/EE/1	Eske Clady	0	0.091*	0.411*	0.040*	0.030*
01/EE/2	Coradder	0.054 (0.00)	0.135 (0.011)	0.328 (0.025)	0.134 (0.011)	0
01/EE/3	Lowerymore @ picnic site	0	0	0.08 (0.01)	0.05 (0.02)	0.051 (0.013)
01/EE/4	Clogher u/s Clogher Br.	0	0	0.459*	0.120*	0.092*
01/EE/5	Drummenny Drummenny	0	0	0.06^	0.04^	0
01/EE/6	Drummenny u/s Aghlam Br.	0	0	0.213*	0.042*	0.091*
01/EE/7	Drummenny u/s of Mill Br.	0.216*	0.687*	0.597*	0.120*	0.170*
01/LN/1	Laghy d/s of Br. In middle reaches	0	0	0.415*	0.030*	0.010*
01/LN/2	d/s of ford	0.480 (0.396)	0.01^	0.419 (0.107)	0.209 (0.013)	0.057 (0.018)
01/LS/1	Laghy Barr	0	0	0.151*	0.152*	0.176*
01/LS/2	d/s Br. S. of Golard lake	0	0	0.149*	0.144*	0.127*
01/LS/3	Laghy south in village	0.230*	0.289*	0.143*	0.145*	0.321*
01/LS/4	Beside picnic area near road	0.695 (0.162)	0.231 (0.082)	0.046 (0.009)	0.008^	0.0125^
00/BN/1	Bridgetown Dunragh L. outflow	0	0	0	0	0
00/BN/2	Main channel	0	0	0.11^	0.1^	0.008^
00/BN/3	500m d/s Rath Br.	0	0.019^	0.09^	0.082^	0.037 (0.009)
00/BN/4	Trib. From L. Adoon	0	0	0.421^	0.02^	0
00/BN/5	In Bridgetown	0.02^	0.082 (0.04)	0.01^	0.041^	0.02^
00/BN/6	Main Ballyshannon Donegal rd.	0.18 (0.087)	0.263 (0.098)	0.008^	0	0
00/BA/1	Ballintra Br. d/s L. Shivnagh	0	0	0	0.023^	0
00/BA/2	Main channel -150 u/s of L.Rath	0	0	0.008^	0	0
00/BA/3	Trib. From L. Natragh	0	0	0	0	0
00/BA/4	u/s Aghadullagh Br.	0	0	0.013^	0.013^	0.019^
00/BA/5	Ballintra	0	0.235 (0.098)	0.032^	0.055 (0.012)	0.018 (0.007)
	Abbey River					

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01/AY/1	<i>Inflow</i>	0	0	0.123 [^]	0.123 [^]	0
01/AY/2	<i>Outflow</i>	0	0	0.245 [^]	0.067 [^]	0.022 [^]
01/AY/3	<i>Outflow (d/s culvert)</i>	0	0	0.24 [^]	0.057 [^]	0
Bradogue						
01/BR/1	<i>middle reaches</i>	0	0	0	0.050*	0.031*
01/BR/2	<i>Near footbridge at church</i>	0	0	0	0.095*	0.244*

All estimates were calculated using Seber & LeCren's (1967) two catch method unless otherwise stated

* = density estimate calculated from probability of capture (p) derived value

[^] = minimum density (Crisp, Mann & McCormack, 1974).

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