

Interim Report on the Biological Survey of River Quality

Results of the 2006 Investigations



ENVIRONMENTAL PROTECTION AGENCY

The Environmental Protection Agency (EPA) is responsible for protecting and improving the environment as a valuable asset for the people of Ireland. We are committed to protecting people and the environment from the harmful effects of radiation and pollution.

The work of the EPA can be divided into three main areas:

Regulation: *We implement effective regulation and environmental compliance systems to deliver good environmental outcomes and target those who don't comply.*

Knowledge: *We provide high quality, targeted and timely environmental data, information and assessment to inform decision making at all levels.*

Advocacy: *We work with others to advocate for a clean, productive and well protected environment and for sustainable environmental behaviour.*

Our Responsibilities

Licensing

We regulate the following activities so that they do not endanger human health or harm the environment:

- waste facilities (*e.g. landfills, incinerators, waste transfer stations*);
- large scale industrial activities (*e.g. pharmaceutical, cement manufacturing, power plants*);
- intensive agriculture (*e.g. pigs, poultry*);
- the contained use and controlled release of Genetically Modified Organisms (*GMOs*);
- sources of ionising radiation (*e.g. x-ray and radiotherapy equipment, industrial sources*);
- large petrol storage facilities;
- waste water discharges;
- dumping at sea activities.

National Environmental Enforcement

- Conducting an annual programme of audits and inspections of EPA licensed facilities.
- Overseeing local authorities' environmental protection responsibilities.
- Supervising the supply of drinking water by public water suppliers.
- Working with local authorities and other agencies to tackle environmental crime by co-ordinating a national enforcement network, targeting offenders and overseeing remediation.
- Enforcing Regulations such as Waste Electrical and Electronic Equipment (WEEE), Restriction of Hazardous Substances (RoHS) and substances that deplete the ozone layer.
- Prosecuting those who flout environmental law and damage the environment.

Water Management

- Monitoring and reporting on the quality of rivers, lakes, transitional and coastal waters of Ireland and groundwaters; measuring water levels and river flows.
- National coordination and oversight of the Water Framework Directive.
- Monitoring and reporting on Bathing Water Quality.

Monitoring, Analysing and Reporting on the Environment

- Monitoring air quality and implementing the EU Clean Air for Europe (CAFÉ) Directive.
- Independent reporting to inform decision making by national and local government (*e.g. periodic reporting on the State of Ireland's Environment and Indicator Reports*).

Regulating Ireland's Greenhouse Gas Emissions

- Preparing Ireland's greenhouse gas inventories and projections.
- Implementing the Emissions Trading Directive, for over 100 of the largest producers of carbon dioxide in Ireland.

Environmental Research and Development

- Funding environmental research to identify pressures, inform policy and provide solutions in the areas of climate, water and sustainability.

Strategic Environmental Assessment

- Assessing the impact of proposed plans and programmes on the Irish environment (*e.g. major development plans*).

Radiological Protection

- Monitoring radiation levels, assessing exposure of people in Ireland to ionising radiation.
- Assisting in developing national plans for emergencies arising from nuclear accidents.
- Monitoring developments abroad relating to nuclear installations and radiological safety.
- Providing, or overseeing the provision of, specialist radiation protection services.

Guidance, Accessible Information and Education

- Providing advice and guidance to industry and the public on environmental and radiological protection topics.
- Providing timely and easily accessible environmental information to encourage public participation in environmental decision-making (*e.g. My Local Environment, Radon Maps*).
- Advising Government on matters relating to radiological safety and emergency response.
- Developing a National Hazardous Waste Management Plan to prevent and manage hazardous waste.

Awareness Raising and Behavioural Change

- Generating greater environmental awareness and influencing positive behavioural change by supporting businesses, communities and householders to become more resource efficient.
- Promoting radon testing in homes and workplaces and encouraging remediation where necessary.

Management and structure of the EPA

The EPA is managed by a full time Board, consisting of a Director General and five Directors. The work is carried out across five Offices:

- Office of Environmental Sustainability
- Office of Environmental Enforcement
- Office of Evidence and Assessment
- Office of Radiological Protection
- Office of Communications and Corporate Services

The EPA is assisted by an Advisory Committee of twelve members who meet regularly to discuss issues of concern and provide advice to the Board.



Interim Report on the Biological Survey of River Quality

Results of the 2006 Macroinvertebrate Investigations

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INTRODUCTION

The various uses of rivers inevitably involve conflicting interests and often such uses disrupt river ecology. The fact that several of the more important beneficial uses of rivers (e.g. abstraction, amenity, waste disposal) are dependent on biological processes is rarely appreciated: if the self-purification process, for example, is disrupted (e.g. by pollution, drainage or over-abstraction) some or all beneficial uses may be impaired or lost. It is important, therefore, to keep ecological disruption to a minimum and to maintain the aquatic ecosystem in a healthy, functional condition. Progress towards this goal can be monitored by chemical or biological means or, preferably, by a combination of both. In general it could be said that whilst physico-chemical analysis may measure the *causes* of pollution (i.e. the pollutants) biological analysis is the only means whereby the ecological *effects* of pollution can be measured.

The most commonly encountered forms of pollution in this country are eutrophication and organic pollution; less frequently encountered are non-organic types such as toxic pollution (e.g. by sheep dip or industrial chemicals), siltation (e.g. arising from over-grazing, drainage, quarrying or stone-cutting operations) and, in recent years, acidification in sensitive afforested areas. The term eutrophication is used to describe the abnormal production of plants of all kinds (micro- and macroscopic) in surface waters affected by excessive inputs of the plant nutrients nitrogen and phosphorus. Such inputs arise a) by the leaching or overland runoff from agricultural lands of inorganic nitrogen and phosphorus and b) by the breakdown of organic matter such as sewage, food-processing or other industrial wastes or land-spread animal manure slurries. Eutrophication of surface waters may be also encountered in areas where land is

disturbed for peat harvesting or forestry purposes. Organic pollution is a term used to describe the oxygen depleting effects caused by the breakdown of organic wastes (e.g. sewage) in receiving waters. This biodegradation or self-purification process, as it is called, is dependent, initially at least, on aerobic micro-organisms which reduce the organic material to its constituent elements and in the process consume oxygen. In the presence of organic matter, therefore, ambient dissolved oxygen (DO) levels fall whilst the biochemical oxygen demand (BOD) - a measurement of the rate of oxygen usage by aerobic micro-organisms - rises; this process also leads to eutrophication due to the release of compounds of nitrogen and phosphorus.

The measurement of the ambient concentrations of such parameters, therefore, gives a good indication of the condition of the water as regards contamination by organic waste. Traditionally, this type of waste has mostly originated at 'point-source' discharges (sewage, industrial wastes), but in recent years an ever increasing proportion arises from 'diffuse' agricultural sources, i.e., runoff from land of wastes from intensive animal-rearing operations, the development of which in the past 30 years has been accompanied by a very marked increase in the extent of eutrophication.

All types of pollution cause physico-chemical and biological changes in receiving waters and so the assessment of water quality/pollution may be approached from the chemical or the biological aspect. In practice, a combination of both approaches is preferable to either on its own.

Biological Assessment

In the presence of pollution, characteristic and well-documented changes are induced in the flora and fauna of rivers and streams. Particularly well-documented are the

changes brought about by organic pollution in the macroinvertebrate community, i.e., the immature aquatic stages of aerial insects (mayflies, stoneflies etc.) together with Crustacea (e.g. shrimps), Mollusca (e.g. snails and bivalves), Oligochaeta (worms) and Hirudinea (leeches). The changes that occur are due to the varying sensitivities of the different components of the community to the stresses caused by pollution. It is known that similar organisms inhabit similar habitats and that the most sensitive species inhabit the riffle areas. It is also well known that community diversity declines in the presence of pollution and that sensitive species are progressively replaced by more tolerant forms as pollution increases. Ideally, all the components of the aquatic biota (the micro- and macro-fauna and flora) should be utilised but in practice macroinvertebrate community analysis is found to be satisfactory for routine water quality monitoring purposes.

For the purposes of the EPA assessment procedure benthic macroinvertebrates have been divided into five 'Indicator Groups' as follows: Group A, the sensitive forms, Group B, the less sensitive forms, Group C, the tolerant forms, Group D, the very tolerant forms and Group E, the most tolerant forms (Toner *et al.*, 2005).

In contrast to physico-chemical surveys which extend throughout the year, biological surveys are usually undertaken in the summer-autumn period (June-September) when flows are likely to be relatively low, surveys during this period are likely, therefore, to coincide with the worst conditions to be expected in those reaches affected by waste inputs.

Biological material for examination is obtained by kick-sampling in the shallower, faster-flowing areas (riffles) and the assessment of water quality is made on site. Having determined the relative

proportions of the various organisms in the sample, water quality is inferred by a comparison of this data with that which might be expected from unpolluted habitats of the type under investigation. Other relevant factors such as the intensity of algal and/or weed development, presence of slime growths, water turbidity, siltation, dissolved oxygen and water temperature, are also taken into account in the assessment procedure.

Relationships between water quality and macroinvertebrate community structure are usually described by means of a numerical scale of values. Such a compression of biological information inevitably results in a loss of meaningful information but some such procedure is essential if this information is to be meaningful to non-biologists. The EPA scheme of Biotic Indices or Quality (Q) Values and its relationship to water quality is set out in Table 1.

The intermediate values (Q1-2, 2-3, 3-4 etc.) denote transitional conditions. The scheme mainly reflects the effects of organic pollution (i.e. deoxygenation and eutrophication) but where a toxic effect is apparent or suspected the suffix '0' is added to the biotic index (e.g. Q1/0, 2/0 or 3/0). An asterisk after the Q value (e.g. Q3*) indicates something worthy of special attention, typically heavy siltation of the substratum. The scheme may be further simplified as shown by the classification set out below:-

Class A waters are those in which problems relating to existing or potential beneficial uses are unlikely to arise and they are, therefore, regarded as being in a 'satisfactory' condition. Classes B, C and D are to a lesser or greater extent 'unsatisfactory' in this regard. For example, the main characteristic of Classes B and C waters is eutrophication, which may interfere with the amenity, abstraction or

fisheries potential. In Class D waters excessive organic loading leads to deoxygenation and may produce 'sewage fungus' (slime) growths, and as a consequence most beneficial uses are severely curtailed or eliminated.

References

Toner, P., Bowman, J., Clabby, K., Lucey, J., McGarrigle, M., Concannon, C., Clenaghan, C., Cunningham, P., Delaney, J., O'Boyle, S., MacCarthaigh, M., Craig M. and Quinn, R., 2005, *Water Quality in Ireland 2001 – 2003*. Environmental Protection Agency, Ireland.

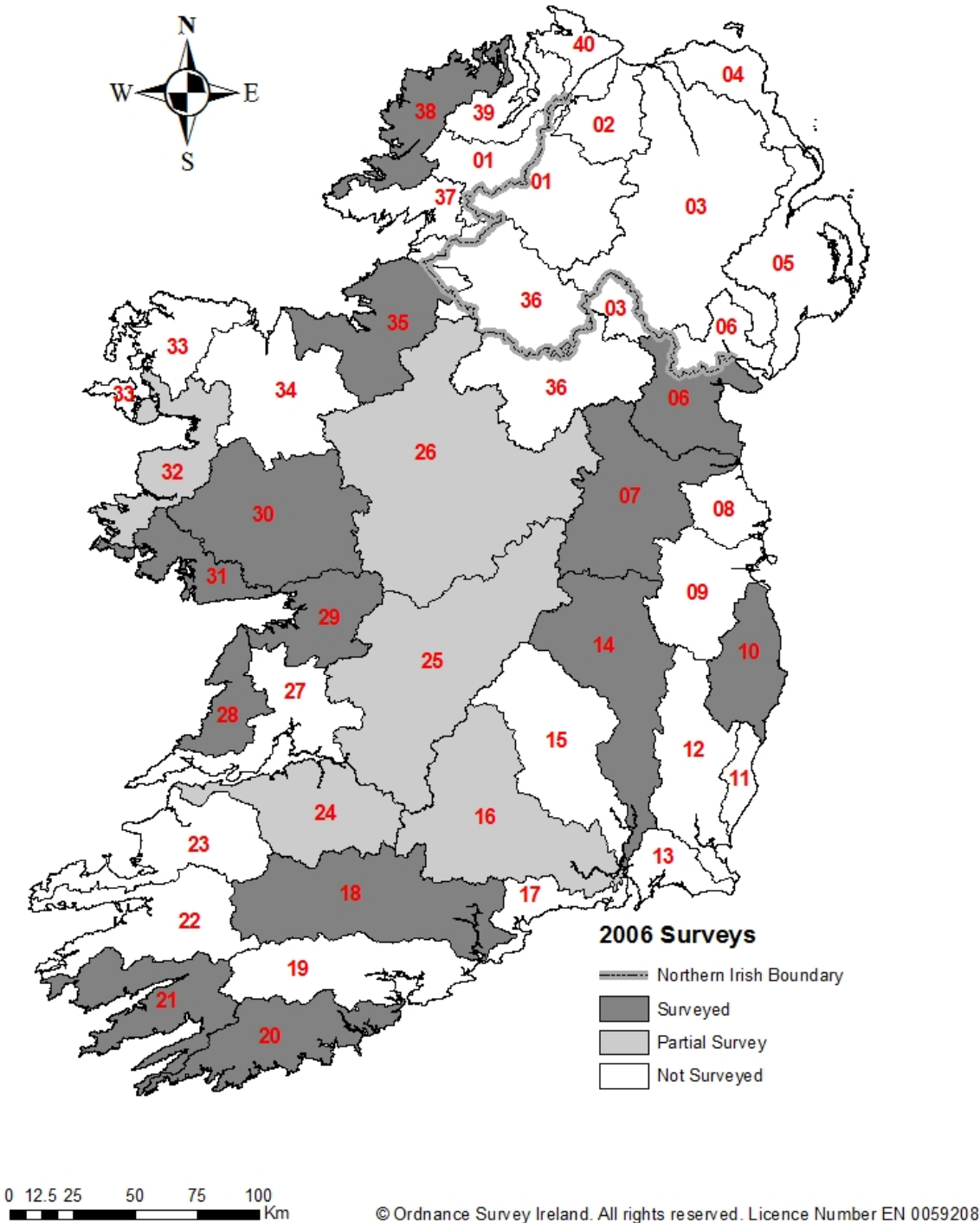
Table 1: The EPA Q-value classification system and its relationship to water quality

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

*'Condition' refers to the likelihood of interference with beneficial or potential beneficial use.

2006 INTERIM BIOLOGICAL (MACROINVERTEBRATE) REPORTS

Principal Hydrometric Areas Surveyed



HYDROMETRIC AREA 06 (Newry, Fane, Glyde & Dee)	
BALLYMASCANLAN	06B02
BIG (LOUTH)	06B01
CARRICKASLANE LOUGH STREAM *	06C04
CASTLETOWN	06C01
COUNTY WATER	06C03
CULLY WATER	06C02
DEE	06D01
DRUMSALLAGH STREAM *	06D07
FANE	06F01
FLURRY	06F02
GENTLE OWEN'S LAKE STREAM *	06G04
GLYDE	06G02
KILCURRY	06K02
KILLARY WATER	06K01
KILMAINHAM *	06K04
MAGHERACLOONE STREAM *	06M01
PROULES	06P01
TERMONFECKIN	06T01
WHITE (LOUTH)	06W01

- * CARRICKASLANE LOUGH STREAM Formerly Carrickaslane Lough Branch of Fane River
- * DRUMSALLAGH STREAM Formerly: 06G02 Glyde Drumsallagh Branch
- * GENTLE OWEN'S LAKE STREAM Formerly: 06F01 Fane East Branch
- * KILMAINHAM Formerly 06D01:Dee Kilmainham Wood Branch
- * MAGHERACLOONE STREAM Formerly Magheracloone Branch of the Glyde River 06G02

River and Code : **BALLYMASCANLAN****06/B/02**

Tributary of : 06F02 FLURRY

OS Catchment No: 91

OS Grid Ref of Confluence: J 081 100

Date(s) Surveyed: 10/7/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1990	1991	1994	1997	2000	2003	2006
0100	2-3	-	3/0	4	3/0	2/0	2/0
0300	4-5	-	-	-	3	-	-
0500	1-2	1	3	4	3	-	-

Assessment: As in previous years, oil pollution was again recorded at Jonesborough Bridge in early July 2006. Biological sample was not possible due to inaccessibility.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Jonesborough Br	306465	314446	36	LH
0300	New Br	307128	311816	29	LH
0500	Ballymascanlan Br	308085	310187	29	LH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	58	0	100	0	40	0	0	60	0	0	0
0300	30	2	85	15	91	5	0	4	0	0	0
0500	6	4	54	46	87	3	0	8	2	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BIG (LOUTH)**
 Tributary of :
 OS Grid Ref of Confluence: J 168 054
 Date(s) Surveyed: 10/7/2006

06/B/01
 OS Catchment No: 90

Station Nos.	Biological Quality Ratings (Q Values)													
	1973	1978	1980	1982	1984	1986	1990	1991	1994	1997	2000	2003	2006	
0100	-	5	5	5	5	5	5	-	5	4-5	4-5	4-5	4	
0200	5	4-5	4-5	4	4	4	3	-	-	-	-	-	-	
0300	1	1	2	1	1	1-2	2	2	4-5	3-4	4	4	3-4	
0400	-	-	1-2	1/0	1/0	1/0	3	-	-	-	-	-	-	

Assessment: An overall deterioration was indicated by the faunal composition recorded at both locations in early July 2006. Abundant slime growths plus a restricted and unbalanced macroinvertebrate fauna indicated a return to unsatisfactory conditions at Riverstown downstream of an industrial complex.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Ballygoly Br	315156	309883	36	LH
0200	Br u/s Riverstown Br	316323	307400	36	LH
0300	Riverstown Br	316519	306642	36	LH
0400	0.5km d/s Riverstown Br	316778	306270	36	LH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	94	11	98	2	34	3	29	0	0	0	33
0200	33	24	96	4	46	3	27	0	4	0	20
0300	22	25	93	7	46	3	26	0	5	0	20
0400	12	25	92	8	46	3	26	0	6	0	20

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CARRICKASLANE LOUGH STREAM** **06/C/04**
 Tributary of : 06F01 FANE OS Catchment No: 94
 OS Grid Ref of Confluence: H 815 214
 Date(s) Surveyed: 17/10/2006

Formerly Carrickaslane Lough Branch of Fane River

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0115	4	4	3-4	4	3	3

Assessment: This stream was again considerably polluted at the location surveyed in 2006. It has been previously reported as a branch of the Fane River.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0115	Br u/s Carrickaslane L	280540	324500	28	

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0115	N/A	5	100	0	82	0	8	0	11	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CASTLETOWN**

06/C/01

Tributary of :

OS Catchment No: 92

OS Grid Ref of Confluence: T 047 083

Date(s) Surveyed: 11/7/2006

Station Nos.	Biological Quality Ratings (Q Values)									
	1974	1978	1982	1986	1990	1994	1997	2000	2003	2006
0050	-	-	-	-	-	4	4	4-5	3	3
0100	-	5	5	5	4-5	-	-	-	-	-
0200	5	5	4-5	4-5	4-5	4	4	4	4	3-4
0300	4	4-5	3-4	4	3-4	-	-	-	-	-
0310	-	-	-	-	-	3-4	4	4-5	4	3-4

Assessment: Following further slight deterioration at two locations (0200 and 0310) the Castletown River was nowhere satisfactory in July 2006. Considerable pollution continued at Ballybinaby Bridge (0050) while quality was depressed by heavy siltation at Station 0200 and by marked eutrophication at 0310.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Ballybinaby Br	295791	311768	28	LH
0100	Br N of Hackballscross	297561	310761	28	LH
0200	Ford's Bridge	300729	309852	36	LH
0300	St John's Br	303001	309682	36	LH
0310	Weir d/s John's Br	303197	309544	36	LH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	54	1	100	0	94	0	0	6	0	0	0
0100	41	9	100	0	92	0	0	6	2	0	0
0200	19	12	96	4	88	0	0	5	7	0	0
0300	5	33	73	27	75	0	0	3	22	0	0
0310	4	33	73	27	75	0	0	3	22	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **COUNTY WATER**

06/C/03

Tributary of :

OS Catchment No: 94

OS Grid Ref of Confluence: H 847 202

Date(s) Surveyed: 13/7/2006

Station Nos.	Biological Quality Ratings (Q Values)							
	1980	1984	1990	1994	1997	2000	2003	2006
0050	-	-	-	-	-	3*	3	4
0080	-	-	-	-	-	3-4*	3	3
0100	4-5	3	4-5	3	3	-	-	-
0170	-	-	-	-	-	3-4	3*	3-4
0200	4	3	4	3-4	3	-	-	-

Assessment: A marked improvement was recorded at County Bridge (0050) where conditions were assessed as satisfactory in 2006. The middle reaches (0080), however, continued to be affected by moderate pollution and despite a minor improvement, the biological parameters at Station 0170 indicated that lower reaches were of an unsatisfactory quality standard also.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	County Br	289250	324600	28	MN
0080	Br u/s Tullycollive Br	288450	320950	28	MN
0100	Tullycollive Br	287115	320900	28	MN
0170	Br u/s Wallace's Br	285596	321605	28	MN
0200	Wallace's Br	284958	320419	28	MN

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	105	1	100	0	100	0	0	0	0	0	0
0170	98	8	100	0	96	0	0	0	4	0	0
0200	90	9	100	0	94	0	0	0	6	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CULLY WATER**

06/C/02

Tributary of : 06K02 KILCURRY

OS Catchment No: 92

OS Grid Ref of Confluence: J 025 109

Date(s) Surveyed: 11/7/2006

Station Nos.	Biological Quality Ratings (Q Values)								
	1978	1982	1986	1990	1994	1997	2000	2003	2006
0100	4-5	5	4-5	4-5	4-5	4-5	4-5	4	4
0200	4-5	4-5	4-5	4-5	3-4	4-5	4-5	4-5	4

Assessment: Continuing satisfactory. Cattle access poses a threat at Dungooly Bridge (0100) while significant siltation from land disturbance was apparent at Station 0200.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Dungooly Br	300322	314006	36	LH
0200	Br u/s Kilcurry R confl	302435	310849	36	LH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	30	0	100	0	100	0	0	0	0	0	0
0200	10	6	66	34	47	0	0	0	53	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DEE**

06/D/01

Tributary of : 06G02 GLYDE

OS Catchment No: 96

OS Grid Ref of Confluence: O 086 935

Date(s) Surveyed: 18/7/2006, 25/7/2006, 25/9/2006

Station Nos.	Biological Quality Ratings (Q Values)											
	1974	1977	1978	1980	1983	1986	1990	1994	1997	2000	2003	2006
0016	-	-	-	-	-	-	4-5	4	4	3-4	4	3-4
0025	-	-	-	-	-	-	5	4	4	4	4	4
0030	-	-	-	-	-	-	5	-	-	-	-	-
0035	-	-	-	-	-	-	4-5	3	3	3-4	3	3
0150	-	-	-	3-4	4	-	-	-	-	-	-	-
0200	3-4	-	2-3	3-4	4	4	4	3	3	3-4	3-4	3-4
0300	4	-	3	4	4	3-4	4-5	-	-	-	-	-
0360	-	-	-	-	-	-	4	3-4	3-4	4	4	4
0400	-	-	-	4	4	3-4	4-5	-	-	-	-	-
0450	-	-	-	-	-	-	-	3-4	3-4	3-4	3-4	4
0500	4-5	-	3	4	4	3-4	4-5	-	-	-	-	-
0600	4	3-4	4	4	4-5	3-4	4-5	3-4	3	4	4	4
0680	-	-	-	-	4	4	4	3-4	3-4	4	3-4	-
0700	2	3-4	3-4	3	3-4	3	4	-	-	-	-	-
0710	-	-	-	-	-	-	4	3-4	3-4	3-4	3	3
0790	-	-	-	-	-	-	-	-	-	-	-	3-4
0800	4	3-4	3-4	4	4	3-4	4-5	3	3	3-4	3	-
0900	-	-	-	-	-	3-4	-	-	-	-	-	-
0910	-	-	-	4	4	3-4	4	-	-	-	-	-
1000	4	3-4	3	3-4	3-4	3-4	3-4	3	3	3-4	3	3-4
1100	-	-	-	4	4	4	3-4	-	-	-	-	-

Assessment: Cattle manure deposition plus stream bed and bank damage by watering animals combined to significantly depress ecological quality in the upper (0016) and lower (0035) reaches of the Ervy Lough Branch in of the River Dee in July 2006. In the Main Channel, although pronounced weed growth indicated a degree of eutrophication generally, macroinvertebrate composition was consistent with 'Fair' quality conditions at most locations. However, quality again failed to reach a satisfactory standard in the upper (0200) and, despite some minor improvement, in the lowermost reaches (0710, 0790, 1000) also.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0016	Br u/s Ervy Lough	276240	294830	35	CN
0025	Br to N. of Ervy X-Rds	277250	292710	35	MH
0030	Br u/s Newcastle L	278698	291501	35	MH
0035	Tom's Br	279580	289130	35	MH
0150	Wooden Br W of Nobber Br	281907	286754	35	MH
0200	Deegvee Br	283040	285760	35	MH
0300	Ballanagirrisk Br	284466	284456	35	MH
0360	Rockfield Br	287143	285571	35	MH
0400	Yellow Ford Br	288539	286830	35	MH
0450	Hem Br	289630	288065	35	MH
0500	Bogie Br	291066	289447	35	MH
0600	Burley Br	292551	289685	36	MH
0680	Dawson's Br	296593	290520	36	LH
0700	1.5 km d/s Ardee	0	0	0	
0710	150 m d/s Old Rly Br (LHS)	297279	291051	36	LH
0790	New Br u/s Drumgoolestown Br. (d/s) .	302862	291051	36	LH
0800	Drumgoolestown Br	303066	290878	36	LH
0900	Charleville Weir	0	0	0	
0910	Cappoge Br	305064	290619	36	LH
1000	Br at Drumcar	306596	291170	36	LH
1100	At Williamstown House	307391	292195	36	LH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0016	129	10	100	0	98	0	0	0	0	0	2
0025	N/A	14	100	0	99	0	0	0	0	0	1
0030	60	19	100	0	99	0	0	0	0	0	1
0035	51	31	67	33	98	0	0	0	1	0	1
0150	48	70	70	30	97	0	0	0	2	1	0
0200	47	6	0	100	77	0	0	2	21	0	0
0300	43	95	52	48	95	0	0	1	4	0	0
0360	39	110	50	50	92	0	0	0	6	0	0
0400	35	157	64	36	89	0	0	0	10	0	0
0450	31	170	60	40	89	0	0	0	10	0	0
0500	28	173	59	41	89	0	0	0	10	0	0
0600	26	176	58	42	89	0	0	0	10	0	0
0680	23	286	54	46	79	0	0	1	18	0	1
0710	22	287	54	46	79	0	0	1	19	0	1
0800	13	305	56	44	76	0	0	1	22	0	1
0910	10	317	58	42	75	0	0	1	22	0	1
1000	10	376	65	35	72	1	0	1	25	0	1
1100	8	386	66	34	71	1	0	2	26	0	1

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DRUMSALLAGH STREAM**

06/D/07

Tributary of : 06G02 GLYDE

OS Catchment No: 95

OS Grid Ref of Confluence: N 803 981

Date(s) Surveyed: 14/7/2006

Formerly: 06G02 Glyde Drumsallagh Branch

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0056	5	3	4-5	4-5	4-5	4
0066	4-5	4-5	4-5	4	4	-
0070	4-5	4-5	4-5	4-5	4-5	4

Assessment: Despite considerable siltation at Station 0056 and cattle damage (siltation and substratum churning) at County Bridge (0070), the macroinvertebrate composition continued to reflect satisfactory water quality at both locations surveyed in mid-July 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0056	Br W of Drumsallagh	276200	297520	35	CN
0066	Murphy's Br	278130	297220	35	CN
0070	County Br (u/s Magheraclone Branch)	280160	298260	35	MN

River and Code : **FANE****06/F/01**

Tributary of : DUNDALK BAY

OS Catchment No: 94

OS Grid Ref of Confluence: J 064 018

Date(s) Surveyed: 11/7/2006, 12/7/2006, 13/7/2006

Station Nos.							Biological Quality Ratings (Q Values)				
	1974	1976	1980	1982	1986	1990	1994	1997	2000	2003	2006
0080	-	-	-	-	-	4	-	-	-	-	-
0155	-	-	-	-	-	-	2-3	2-3	2-3	2-3	2/0
0180	-	-	-	-	-	-	3	3	3	3	3
0200	-	3-4	4	3-4	3-4	3-4	3	3-4	3	3	3-4
0300	-	3-4	3-4	3-4	3-4	3-4	3	3	3	3	3
0400	-	-	3	3	3	3-4	3	3	3-4	3	3
0500	-	5	5	4-5	4	4-5	4	4	4	4	3-4
0600	-	-	5	4-5	4-5	-	-	-	-	-	-
0650	-	-	-	-	-	5	3-4	4	4	3-4	3-4
0700	5	5	5	4	4	5	4	4-5	4-5	4	3-4
0800	-	-	4	4	4	4	-	-	-	-	-
0900	5	5	4	4-5	-	4	3-4	4-5	4-5	4	4
1000	-	-	4-5	4-5	-	-	-	-	-	-	-

Assessment: Just one of the eight locations surveyed on the Fane River was in a satisfactory quality condition in July 2006: this was Stephenstown Bridge (0900) in the lowermost reaches. The West Branch was seriously polluted by suspected landfill leachate in the Dunfelimy area (0155) with carryover effects still significant to Station 0180 some 4 kilometres downstream and, although slightly improved since 2003, slight pollution persisted at Derrycreevy Bridge (0200) just upstream of Lough Muckno. The main river continued to be considerably polluted over most of its course, mainly by the hypertrophic outflow from Lough Muckno and the indications at Magoney and Castlering Bridges (0500, 0700) were of further deterioration in the lower reaches of this river.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0080	Br u/s Muckno Mill Lough	284723	322660	0	
0155	South Br Dunfelimy	276630	324080	28	MN
0180	2nd Br u/s Laragh L (Main Rd)	279200	322360	28	MN
0200	Derrycreevy Br	282770	320680	28	MN
0300	Clarebane Br	287357	316783	28	MN
0400	Ballynacarry Br	287460	314120	28	MN
0500	Magoney Br	290853	309669	35	MN
0600	Br at Moyle's Mill	291871	307634	35	MN
0650	Innishkeen Br	293175	307040	36	MN
0700	Castlering Br	296636	303711	36	LH
0800	Knock Br	298812	303159	36	LH
0900	Stephenstown Br	301390	301567	36	LH
1000	Lurgangreen Br	306120	301425	36	LH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0155	112	6	100	0	82	0	5	0	13	0	0
0180	92	11	100	0	80	0	3	0	17	0	0
0200	90	43	100	0	87	0	3	1	8	1	0
0300	90	112	100	0	85	0	2	2	6	4	1
0500	65	5	100	0	77	0	0	0	23	0	0
0600	54	21	95	5	76	0	0	0	24	0	0
0650	47	24	95	5	76	0	0	1	22	0	0
0700	23	43	97	3	82	0	0	1	16	0	1
0800	10	92	99	1	76	0	0	1	20	0	2
0900	6	102	99	1	73	0	0	1	24	0	2
1000	0	129	99	1	67	0	0	1	30	0	2

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **FLURRY**
 Tributary of :
 OS Grid Ref of Confluence: J 075 097
 Date(s) Surveyed: 10/7/2006

06/F/02
 OS Catchment No: 91

Station Nos.							Biological Quality Ratings (Q Values)				
	1978	1980	1982	1984	1986	1990	1994	1997	2000	2003	2006
0100	4-5	4-5	4-5	4	4	3	3-4	3/0	3	3	3
0200	-	4-5	4-5	1/0	4	3-4	-	-	-	-	-
0300	4-5	4-5	5	4-5	4-5	4-5	4-5	4	3	3	3-4
0400	4	5	5	4	4	4	-	-	-	-	-
0600	3	2	1-2	2-3	2-3	3	3-4	4	-	-	-
0700	-	3-4	1-2	3	3	4	3-4	4	3	3	3-4

Assessment: The Flurry showed some signs of recovery at Curralhir and Ballymascanlan Bridges (0300, 0700) but significant pollution effects were again recorded at Flurrybridge (0100) in July 2006. Overall condition remains unsatisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Flurry Br	307242	317697	29	LH
0200	Just W of Ravensdale Ho	307779	316117	29	LH
0300	Curralhir Br	308151	314457	29	LH
0400	Thompson's Br	308686	312556	29	LH
0600	Proleek: Br near old Smithy	308639	311293	29	LH
0700	Ballymascanlan Br	308137	310098	29	LH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	94	0	100	0	27	0	0	69	4	0	0
0200	77	3	100	0	37	43	0	5	0	0	15
0300	62	8	100	0	20	46	11	2	0	0	22
0400	40	14	99	0	27	29	13	1	0	0	31
0600	21	24	98	2	35	18	17	1	0	0	30
0700	5	25	92	8	38	17	16	1	0	0	28

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GENTLE OWEN'S LAKE STREAM**

06/G/04

Tributary of : 06F01 FANE

OS Catchment No: 94

OS Grid Ref of Confluence: H 829 206

Date(s) Surveyed: 12/7/2006, 13/7/2006

Formerly: 06F01 Fane East Branch

Station Nos.	Biological Quality Ratings (Q Values)										
	1971	1976	1980	1982	1986	1990	1994	1997	2000	2003	2006
0040	-	-	-	-	-	-	3-4	4-5	4	3-4*	4
0080	-	-	-	-	-	4	-	-	-	-	-
0100	4	3	4	4-5	3-4	3	3-4	3	3	4	3

Assessment: Despite considerable deposition of cattle manure at Station 0040 quality there was assessed as satisfactory on macroinvertebrate criteria: this represents an improvement since 2003 but cattle access should be restricted here to protect the stream from this potential source of pollution and hydromorphological damage. By contrast, a significant deterioration was recorded downstream of Muckno Mill Lough (0100) where, in addition to macroinvertebrate imbalances, floating rafts of black slime were observed and DO was reduced to 60 percent of saturation at the time of this survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0040	Br in Creaghanroe	283280	325060	28	MN
0080	Br u/s Muckno Mill Lough	284723	322660	28	MN
0100	Br 1.5km d/s Muckno Mill L	283430	321440	28	MN

River and Code : **GLYDE**
 Tributary of :
 OS Grid Ref of Confluence: O 090 940
 Date(s) Surveyed: 17/7/2006

06/G/02
 OS Catchment No: 95

Station Nos.	Biological Quality Ratings (Q Values)											
	1977	1978	1979	1981	1983	1985	1990	1994	1997	2000	2003	2006
0100	-	3	-	4-5	4	5	4-5	4-5	4-5	4-5	4	4
0200	-	4-5	-	4	4-5	4-5	4-5	-	-	-	-	-
0300	-	4	-	-	-	-	-	-	-	-	-	-
0400	-	4	-	4	4	3-4	4	4	3	4	4	4-5
0500	4	-	3-4	4	3-4	3-4	3	3	-	4	4	-
0600	4-5	-	4	4	5	4-5	4-5	4	3-4	4	4	3-4
0700	4	-	-	-	4	4	4	3-4	3-4	3-4	3-4	-
0800	-	-	-	4	4	3-4	-	-	-	-	-	-
0900	-	-	4	4	4-5	4-5	5	3-4	3	4	4-5	4
1001	4-5	-	4	4	4	3-4	4	-	-	-	-	-
1002	-	-	-	1	1	2-3	4	3	4	4	4-5	4
1100	-	-	-	-	-	3	-	-	-	-	-	-
1200	3-4	-	3-4	3-4	4	3	3-4	3-4	3-4	3-4	3-4	3-4
1240	-	-	-	-	-	-	3	-	-	-	-	-

Assessment: Continuing generally satisfactory in 2006 but had become very weedy in the reach below the confluence with the highly eutrophic Proules River i.e., from Station 0600 to 0900 and beyond. Damage by watering animals noted at Cormey Bridge (0100) and Mullacrew (0600).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Cormey Br	280537	297971	35	MN
0200	Tobermannan Br	282535	296614	35	LH
0300	Ballyhoe Br	285716	295404	35	LH
0400	Lagan Br	287438	296456	35	LH
0500	Aclint Br	289375	298093	35	LH
0600	Br W of Mullacrew	294294	299538	36	LH
0700	Tallanstown Br	295497	297731	36	LH
0800	0.5km d/s Tallanstown Br	295824	297384	36	LH
0900	Mapastown Br	298637	295436	36	LH
1001	Mansfieldstown Br (LHS)	302337	295243	36	LH
1002	Mansfieldstown Br (RHS)	302322	295237	36	LH
1100	200m u/s Castlebellingham Br	305772	294961	36	LH
1200	Castlebellingham Br	305976	295149	36	LH
1240	1.5km d/s Castlebellingham Br	306868	294568	36	LH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	34	63	73	27	86	3	0	4	6	0	2
0200	30	75	61	39	85	4	0	3	6	0	1
0300	28	119	50	50	85	3	0	2	8	0	1
0400	26	134	49	51	84	3	0	2	9	0	2
0500	24	149	47	53	84	3	0	2	10	0	1
0600	21	268	54	46	83	2	0	2	12	0	1
0700	18	276	55	45	81	2	0	2	14	0	1
0800	17	276	55	45	81	2	0	2	14	0	1
0900	7	318	61	39	73	2	0	2	22	0	1
1001	5	346	64	36	69	2	0	2	26	0	1
1002	5	346	64	36	69	2	0	2	26	0	1
1100	2	357	65	35	68	2	0	2	28	0	1
1200	2	357	65	35	68	2	0	2	28	0	1
1240	2	358	65	35	68	2	0	2	28	0	1

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **KILCURRY**
 Tributary of : 06C01 CASTLETOWN
 OS Grid Ref of Confluence: J 028 098
 Date(s) Surveyed: 11/7/2006

06/K/02
 OS Catchment No: 92

Station Nos.	Biological Quality Ratings (Q Values)								
	1978	1982	1986	1990	1994	1997	2000	2003	2006
0100	-	4-5	4-5	4	3-4	-	-	-	-
0200	4	4-5	4-5	4-5	3	4-5	4	4	4

Assessment: Continuing 'Fair' quality.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br nr Lurgankeel	302729	311975	29	LH
0200	Br at Mill nr Falmore Hall	302451	310875	29	LH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	24	1	92	8	46	0	0	0	54	0	0
0200	10	2	80	20	45	0	0	0	55	0	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **KILLARY WATER**

06/K/01

Tributary of : 06D01 DEE

OS Catchment No: 96

OS Grid Ref of Confluence: N 884 760

Date(s) Surveyed: 27/7/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	3	3	3-4	3-4	3-4	3-4
0300	3-4	-	-	-	-	-
0400	3-4	-	-	-	-	-
0500	3-4	3-4	3-4	3-4	4	3-4

Assessment: Excessive algal growths and a restricted macroinvertebrate composition indicated that the Killary Water was over-enriched at both locations surveyed in late July 2006. Unrestricted cattle access needs to be addressed at Killary Bridge Upper (0100).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Killary Br Upper	287865	281331	35	MH
0300	Killary Br Lower	287963	282920	35	MH
0400	Mitchelstown Br	287761	284351	35	MH
0500	SW Br u/s Dee R confl	288601	285461	35	MH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	62	25	100	0	75	0	0	0	25	0	0
0300	52	28	100	0	74	0	0	0	26	0	0
0400	43	34	100	0	76	0	0	0	24	0	0
0500	38	36	100	0	77	0	0	0	23	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **KILMAINHAM**
 Tributary of : 06D01 DEE
 OS Grid Ref of Confluence: N 792 885
 Date(s) Surveyed: 18/7/2006

06/K/04
 OS Catchment No: 96

Formerly 06D01:Dee Kilmainham Wood Branch

Station Nos.	Biological Quality Ratings (Q Values)											
	1971	1974	1978	1980	1983	1986	1990	1994	1997	2000	2003	2006
0055	-	-	-	-	-	-	-	4	3-4	4	4	4
0075	-	-	-	-	-	-	-	3	4	4	4	-
0100	4-5	5	4-5	4	4-5	4-5	4-5	4-5	4	4	4	4

Assessment: Continuing satisfactory at both locations surveyed.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0055	Breaky Br	274500	291870	35	MH
0075	Br N of Kilflannan (at T junction)	275880	290540	35	MH
0100	Br u/s Whitewood L	278950	289180	35	MH

River and Code : **MAGHERACLOONE STREAM** **06/M/01**
 Tributary of : 06G02 GLYDE OS Catchment No: 95
 OS Grid Ref of Confluence: N 803 981
 Date(s) Surveyed: 14/7/2006

Formerly Magheracloone Branch of the Glyde River 06G02

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0082	5	3-4	4-5	-	-	-
0096	4-5	4-5	4-5	4-5	4	4

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0082	Br E of Bench Mark 484'	277450	300010	35	MN
0096	Br N of Lisnakeeny	279550	299580	35	MN

River and Code : **PROULES**
 Tributary of : 06G02 GLYDE
 OS Grid Ref of Confluence: N 912 993
 Date(s) Surveyed: 13/7/2006

06/P/01
 OS Catchment No: 95

Station Nos.	Biological Quality Ratings (Q Values)												
	1974	1976	1978	1980	1982	1984	1990	1991	1994	1997	2000	2003	2006
0100	-	5	5	5	4	4-5	5	-	4	4-5	-	-	-
0110	-	-	-	-	-	-	3	-	-	-	4-5	4-5	4
0200	1	1-2	2-3	3	4	4	4	-	-	-	-	-	-
0300	1	1	3	1	3	3-4	1-2	1-2	2-3	2	2-3	2-3	2-3
0400	2	2-3	2-3	2	3-4	3	2	2	2	2	2-3	3	-
0500	3	3	4	4	4	4-5	3-4	-	-	-	-	-	-
0600	-	4	3-4	4	4	4	3-4	-	3	3	3-4	3	3-4

Assessment: Although slightly improved since 2003 the Proules river continued to be highly eutrophic in its lower reaches (0600) and, as in previous years, significantly polluted below the Carrickmacross sewage treatment plant (0110). Upstream of the town water quality continued to be satisfactory although siltation and algal growths had become more pronounced there.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Dry Br	283385	304013	35	MN
0110	500m d/s Dry Br (d/s St 0100)	283385	304013	35	MN
0200	Ardee Rd Br Carrickmacross	284120	303395	35	MN
0300	Just u/s Lough Naglack	284961	302669	35	MN
0400	Broken Br	285669	302902	35	MN
0500	Ballymackney Br	287803	301952	35	MN
0600	Br at Killanny	289348	301043	35	LH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	44	8	52	48	85	0	0	0	15	0	0
0110	44	8	52	48	85	0	0	0	15	0	0
0200	34	10	43	57	77	0	0	8	15	0	0
0300	26	17	25	75	75	7	0	9	9	0	0
0400	30	18	24	76	75	7	0	9	9	0	0
0500	29	87	49	51	87	1	0	3	8	0	0
0600	28	91	52	48	87	1	0	3	8	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **TERMONFECKIN**

06/T/01

Tributary of :

OS Catchment No: 97

OS Grid Ref of Confluence: O 156 804

Date(s) Surveyed: 27/7/2006

Station Nos.	Biological Quality Ratings (Q Values)								
	1978	1983	1986	1990	1994	1997	2000	2003	2006
0100	4	-	-	-	-	-	-	-	-
0200	3	-	-	-	-	-	-	-	-
0250	-	3-4	3	3	-	-	-	-	-
0300	4	-	4	3	3	3	-	-	-
0350	-	3-4	3	3	-	-	3*	3*	3/0
0400	-	3-4	3	2-3	3	3/0	3-4	3-4	3-4

Assessment: Continuing distinctly unsatisfactory with a suspicion of toxic effects at Sandpit Bridge (0350) and septic tank pollution at Station 0400.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br S of Kiltallagh Ho	311637	282213	36	LH
0200	Br W of Sandpit Bridge	309334	282213	0	
0250	Sandpit Br	311637	282098	36	LH
0300	Channelrow Br	311580	280960	36	LH
0350	Sandpit Br	311830	282094	36	LH
0400	Br in Termonfeckin	313905	280448	36	LH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	34	8	100	0	77	0	0	0	23	0	0
0250	36	2	100	0	67	0	0	0	33	0	0
0350	33	10	100	0	75	0	0	0	25	0	0
0400	15	23	100	0	69	0	0	0	31	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **WHITE (LOUTH)**

06/W/01

Tributary of : 06D01 DEE

OS Catchment No: 96

OS Grid Ref of Confluence: O 062 908

Date(s) Surveyed: 27/7/2006

Station Nos.	Biological Quality Ratings (Q Values)												
	1974	1976	1978	1980	1982	1986	1990	1991	1994	1997	2000	2003	2006
0040	-	-	-	-	-	-	4	-	4-5	4-5	3-4	4	4
0080	-	-	-	-	-	-	4	-	-	-	-	-	-
0100	-	-	3-4	4-5	3-4	4-5	4-5	-	4	4	3-4	3-4	-
0200	3	3	3-4	4	4-5	4-5	4	-	-	-	-	-	3-4
0290	-	-	-	-	-	-	3-4	-	3	3	3-4	3-4	-
0300	-	-	2/0	3	4-5	4-5	2-3	-	-	-	-	-	-
0500	2-3/0	1/0	3/0	3	3/0	1/0	2	2	2-3	2-3	3-4	3-4	3-4

Assessment: As in 2003, the upper reaches of the White river maintained a satisfactory quality status but as indicated by the biotic indices ascribed at Athclare and Coneyburrow Bridges (0200, 0500), the lower half of the river was again in an unsatisfactory condition. Cattle access should be restricted at the latter location as the stream bed there has been heavily contaminated with manure for many years.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0040	Br u/s White River Br	300889	284557	36	LH
0080	Gibbers Bridge	303172	284927	36	LH
0100	New Br	304628	285661	36	LH
0200	Athclare Br	305896	286586	36	LH
0290	Grangebellew Rd Br Dunleer	305873	287870	36	LH
0300	Main Rd Br Dunleer	305753	288205	36	LH
0500	Coneyburrow Br	305719	289280	36	LH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0040	98	7	100	0	67	8	0	0	26	0	0
0080	68	10	100	0	58	6	0	0	36	0	0
0100	53	30	100	0	66	4	0	1	29	0	0
0290	28	45	100	0	59	3	0	2	37	0	0
0300	24	45	100	0	59	3	0	2	37	0	0
0500	17	55	100	0	58	2	0	3	37	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

HYDROMETRIC AREA 07 (Boyne)	
ATHBOY	07A01
BLACKWATER (KELLS)	07B01
BLACKWATER (LONGWOOD)	07B02
BOYCETOWN	07B03
BOYNE	07B04
CASTLEJORDAN	07C04
CHAPEL LAKE STREAM	07C05
CROSSKEYS STREAM *	07C07
D'ARCY'S CROSSROADS STREAM *	07D06
DEEL (RAHARNEY)	07D01
DEVLIN'S	07D02
DRUMKEERY LOUGH STREAM *	07D03
GLASH	07G02
KINNEGAD	07K01
KNIGHTSBROOK	07K02
LISLEA	07L01
MATTOCK	07M01
MILLTOWNPASS	07M04
MOYNALTY	07M03
MULLAGH LOUGH STREAM *	07M06
NADREEGEEL LOUGH STREAM	07N01
RIVERSTOWN	07R01
ROCHFORTBRIDGE STREAM	07R04
SKANE	07S01
STONYFORD	07S02
YELLOW (BLACKWATER)	07Y01
YELLOW (CASTLEJORDAN)	07Y02

* CROSSKEYS STREAM Formerly Stonyfords 07S02 West Branch

* D'ARCY'S CROSSROADS STREAM Formerly Stonyfords 07S02 East Branch

* MULLAGH LOUGH STREAM Formerly Mullagh Branch of Moynalty 07M03

River and Code : **ATHBOY**
 Tributary of : 07B04 BOYNE
 OS Grid Ref of Confluence: N 774 566
 Date(s) Surveyed: 11/5/2006, 12/5/2006

07/A/01
 OS Catchment No: 159

Station Nos.	Biological Quality Ratings (Q Values)											
	1971	1973	1975	1979	1981	1985	1990	1994	1997	2000	2003	2006
0020	-	-	-	-	-	-	-	4	4	3-4	4	3
0050	-	-	-	-	-	-	3-4	3-4	3-4	3	3-4	4
0100	-	-	-	-	4	3-4	3-4	3-4	4	4	3-4	4
0300	3-4	3-4	2-3	2-3	3-4	4	3-4	3-4	3-4	3-4	3	3
0500	-	3-4	4	3-4	4	3	3-4	3	3	3-4	3-4	4

Assessment: With the exception of two locations which were distinctly polluted, the Athboy river was in a generally satisfactory condition in May 2006: the locations in question were Station 0020 in the upper reaches and Station 0300, downstream of Athboy. The overall situation reflects a significant improvement to that obtaining in 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0020	Br NW of Dogstown	262637	275950	42	MH
0050	Br W of Kilskeer	264793	271654	42	MH
0100	Br nr Clonleasan Ho	269518	268149	42	MH
0300	Br 2km SE of Athboy	272823	262772	42	MH
0500	Kilnagross Br	277055	256686	42	MH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0020	114	10	40	60	97	0	0	0	3	0	0
0050	93	34	27	73	86	0	0	0	14	0	0
0100	72	78	21	79	84	2	1	0	13	0	0
0300	65	116	14	86	82	1	0	1	16	0	0
0500	54	167	10	90	75	2	0	0	22	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BLACKWATER (KELLS)**

07/B/01

Tributary of : 07B04 BOYNE

OS Catchment No: 159

OS Grid Ref of Confluence: N 872 680

Date(s) Surveyed: 4/7/2006, 5/7/2006, 6/7/2006, 7/7/2006

Station Nos.	Biological Quality Ratings (Q Values)																	
	1971	1973	1974	1975	1977	1978	1980	1982	1984	1987	1988	1989	1990	1994	1997	2000	2003	2006
0100	-	-	3-4	-	-	4-5	4	4-5	4-5	-	-	-	-	4	4	4-5	4-5	4
0170	-	-	-	-	1	-	1	1	1	1	2	1	1	2	2-3	2	2-3	2-3
0200	1	-	1-2	-	-	1	1	1	1/0	1	1	1	1	2	-	-	-	-
0280	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3*	3
0300	4	-	4	-	4	-	4	3-4	3-4	-	-	-	-	-	-	-	-	-
0400	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0420	-	-	-	-	-	-	-	-	3-4	-	-	-	-	3-4	3-4	4	3-4	3-4
0450	-	-	-	-	-	-	4	4	4	-	-	-	3-4	-	-	-	-	-
0500	5	-	4-5	-	5	4-5	3-4	3-4	3-4	-	5	-	4	3-4	3-4	3-4	4	4
0600	-	-	-	-	-	4	4	3-4	3-4	-	-	-	3-4	3-4	3-4	3-4	3-4	4
0700	5	-	5	-	-	4	4-5	3-4	3-4	-	-	-	3-4	-	-	-	-	-
0800	5	-	5	-	-	4	4	4	4	-	-	-	4	3-4	4	4	4	4
0810	-	-	-	-	-	-	-	-	1	-	-	-	3-4	-	-	-	-	-
0900	3-4	-	3-4	-	-	2-3	3	-	3	-	-	-	3	3	3	3	3	3
1000	4	-	4	-	-	3-4	-	3-4	4	-	-	-	3-4	3	3	3-4	3	3
1100	5	-	4-5	-	-	4	4	-	4	-	-	-	4	4	4	4	3-4	3-4
1200	5	-	5	-	-	4-5	4	-	4-5	-	-	-	4	3-4	4	3-4	3-4	3-4
1300	5	-	4-5	-	-	4	3-4	-	3-4	-	-	-	4	3-4	3-4	3-4	3-4	3-4
1400	5	4	-	4	5	-	4	-	4	-	-	-	4	4	4	4	4	4
1500	5	5	-	5	5	-	4	-	4	-	-	-	4	3-4	4	3-4	4	4
1790	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3-4	3-4	-
1800	4-5	4-5	-	4	4-5	-	4	-	3-4	-	-	-	4	3-4	3	-	-	-

Assessment: As in 2003 the Blackwater river was in a generally overenriched condition at most points surveyed in 2006 and it was again distinctly polluted in the Bailieboro' area (0170, 0280) and downstream of Lough Ramor (0900, 1000).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br 2km NE of Bailieborough	269725	298169	35	CN
0170	just d/s Lear Br Drumbannon	267540	298104	35	CN
0200	Footbridge u/s Castle L	267057	298780	35	CN
0280	3rd Br d/s Castle L	265973	298103	35	CN
0300	Br at XRds SW (u/s) Castle L	265386	297966	35	CN
0400	Parker's Br	264676	297251	35	CN
0420	Br d/s Parker's Br	263602	296696	35	CN
0450	Br at Carricknaveagh	262394	293935	35	CN
0500	Br in Killinkere	261085	293566	35	CN
0600	Stramaquerty Br (nr Drumagolan)	259535	292018	35	CN
0700	Murmod Br (2km u/s Virginia)	0	0	0	
0800	Just u/s L Ramor (RHS)	260413	287071	35	CN
0810	Just u/s L Ramor (LHS)	260411	287059	35	CN
0900	Nine Eyes Bridge	263056	283388	35	CN
1000	Daly's Br	265306	280332	35	MH
1100	Br nr Carnaross	268635	277954	42	MH
1200	Mabe's Br	273697	277272	42	MH
1300	Sedenrath Br (Headford Br)	276335	275822	42	MH
1400	Bloomsberry Br (250m u/s)	279186	274042	42	MH
1500	Donaghpatrick Br	281941	272314	42	MH
1790	100m d/s New Bypass Br	286845	268194	42	MH
1800	Pollboy Br (Slane Rd) Navan	287182	268027	42	MH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	150	13	100	0	62	0	3	2	33	0	0
0170	136	25	100	0	74	0	2	3	21	0	0
0200	133	26	100	0	75	1	1	3	20	0	0
0280	131	40	100	0	74	3	1	2	14	3	2
0300	128	43	100	0	75	3	1	2	14	3	2
0400	121	47	100	0	76	3	1	2	14	3	3
0420	119	49	100	0	76	3	1	2	14	3	3
0450	111	57	100	0	78	2	1	2	12	2	3
0500	105	83	100	0	69	2	0	1	24	2	2
0600	101	110	100	0	75	1	0	1	18	1	3
0800	87	125	100	0	77	1	0	1	16	1	3
0810	84	125	100	0	77	1	0	1	16	1	3
0900	85	246	100	0	79	2	1	1	11	4	3
1000	80	282	97	3	81	2	0	1	10	3	2
1100	73	312	97	3	82	2	1	1	9	3	3
1200	57	335	96	4	82	2	1	1	10	3	2
1300	48	347	95	5	81	2	1	1	10	3	2
1400	45	547	82	18	81	1	1	1	12	2	2
1500	41	620	74	26	81	1	1	1	13	2	2
1790	31	712	72	28	77	1	1	1	16	2	2
1800	30	713	72	28	77	1	1	1	16	2	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BLACKWATER (LONGWOOD)**

07/B/02

Tributary of : 07B04 BOYNE

OS Catchment No: 159

OS Grid Ref of Confluence: N 712 503

Date(s) Surveyed: 19/6/2006, 20/6/2006

Station Nos.	Biological Quality Ratings (Q Values)								
	1976	1981	1985	1990	1994	1997	2000	2003	2006
0060	-	-	-	-	-	4	4	3	4
0100	4	3-4	3-4	3-4	4	4	4	4	4
0200	-	4	3-4	3-4	3-4	3-4	3	3	4
0600	4	5	4	4-5	4	3-4	3-4	3-4	3-4

Assessment: Following significant improvements since 2003, satisfactory quality was restored at two locations in 2006: these were Station 0060 in the upper reaches and Station 0200 downstream of Johnstown. The latter location had apparently been recently dredged in 2006. As indicated by conditions at Station 0600, however, the lower reaches continued to be distinctly over-enriched.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0060	Br S of Hortland	281194	236178	49	KE
0100	Br at Johnstown	276636	239935	49	MH
0200	Blackwater Br	273771	242304	49	MH
0600	Br u/s Boyne R confl	271288	250088	42	MH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0060	72	51	0	100	43	4	33	0	11	0	9
0100	68	125	0	100	65	4	15	1	11	0	4
0200	66	142	0	100	67	3	13	1	12	0	4
0600	61	197	0	100	70	2	10	1	14	0	3

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BOYCETOWN**
 Tributary of : 07B04 BOYNE
 OS Grid Ref of Confluence: N 833 564
 Date(s) Surveyed: 9/5/2006

07/B/03

OS Catchment No: 159

Station Nos.	Biological Quality Ratings (Q Values)								
	1976	1981	1985	1990	1994	1997	2000	2003	2006
0200	-	3	3	3-4	3-4	3	3	3*	3-4
0300	4	3-4	4	4	3-4	3	3	3*	4

Assessment: A significant improvement was recorded in the lower reaches of the Boycetown river (0300) in 2006 but, although slightly improved in the upper river also, the presence of sewage fungus at Boycetown Bridge (0200) fungus indicated some quality impairment at that point.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br N of Martinstown	287220	253489	42	MH
0300	Scurlockstown Br	283237	256131	42	MH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	71	21	0	100	71	0	0	0	29	0	0
0300	51	34	0	100	74	0	0	0	26	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BOYNE**

07/B/04

Tributary of :

OS Catchment No: 159

OS Grid Ref of Confluence: O 091 751

Date(s) Surveyed: 3/7/2006, 6/6/2006, 8/5/2006, 20/6/2006, 26/6/2006

Biological Quality Ratings (Q Values)

Station Nos.	1971	1973	1974	1975	1977	1979	1981	1986	1990	1994	1997	2000	2003	2004	2005	2006
0100	4-5	-	-	-	-	-	3-4	4	4	-	3	3-4	3	-	-	-
0160	-	4-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
0200	2-3	3-4	-	3-4	3	4	4	4	3	4	2-3	3-4	3	-	-	4
0300	2-3	2-3	-	2	1-2	2-3	4	4	-	3	2	1-2	3	-	-	3-4
0400	4-5	3	-	-	4-5	4	4	4	4	4	3	3	4	-	-	4
0500	-	-	-	-	4-5	-	4	-	4	-	-	-	-	-	-	-
0600	4-5	-	4	-	4	4	4	4-5	4	4	3-4	3	3	-	-	3-4
0700	-	-	-	-	-	-	3-4	4	3-4	-	-	-	-	-	-	-
0800	4-5	-	3	-	-	4	4-5	4-5	4	4	3-4	3-4	4	-	-	4
0900	5	-	3-4	-	-	4-5	5	5	4	4	4	4	3-4	-	-	4
1000	5	-	4	-	-	4	5	5	3-4	3-4	4	3-4	4	-	-	4
1100	5	-	-	-	-	3-4	4	4	3-4	-	-	-	-	-	-	-
1200	-	-	4-5	-	-	-	4	4-5	3-4	3-4	4	3-4	3-4	-	-	4
1300	4-5	-	-	-	-	3-4	4	4	3-4	-	-	-	-	-	-	-
1400	-	-	4	-	-	3-4	3-4	4	3-4	3-4	3	3	3-4	-	-	4
1500	5	-	4-5	-	-	4-5	5	4	3-4	3-4	3-4	3-4	3-4	-	-	3-4
1600	-	-	-	-	-	-	4	4-5	3-4	3-4	3-4	3-4	3-4	-	-	-
1700	5	-	4	-	-	3-4	4	4-5	3-4	-	-	-	-	-	-	3-4
1800	-	-	-	-	-	4	4-5	4-5	3-4	3-4	3-4	3-4	3-4	-	-	-
1900	4	4	-	4	3-4	3	3-4	4	2-3	3	2-3	3-4	3-4	-	-	-
2000	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010	-	-	-	-	-	-	-	4	3-4	3-4	3	3-4	3-4	-	-	3-4
2100	4-5	4-5	-	4	4	4	4-5	4	4	3-4	3	3-4	3-4	3-4	3-4	3-4
2150	-	-	-	-	-	-	-	-	4-5	3-4	3-4	4	3-4	-	-	3-4
2200	5	4-5	-	3-4	4	4	4	4	-	-	3-4	3-4	3-4	-	-	3-4

Assessment: Following a significant improvement at Boyne Bridge (0200) and slight improvements at five other locations, including downstream of Trim (1400), the upper Boyne was assessed as mostly satisfactory in June 2006. Improvements were also recorded at Kinnafad and Ashfield Bridges (0300, 0600) but these locations remained in a less than satisfactory condition. The lower river (from Bective, 1500) continued to show the symptoms of excessive eutrophication viz. luxuriant weed and/or filamentous algal growth including a species not previously recorded (*Enteromorpha* sp.) plus a reduced macroinvertebrate diversity. In hard waters, pH changes due to abnormal photosynthetic activity can accelerate the precipitation of calcium carbonate on the substratum thus reducing or eliminating niches for a variety of mayfly and stonefly indicator species. This is considered the main factor affecting the lower Boyne.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	River Br	266855	232768	49	KE
0160	Kishawanny Br	264567	233456	49	OF
0200	Boyne Br	263605	234529	49	OF
0300	Kinnafad Br	261428	235002	49	OF
0400	Ballyboggan Br	263807	240222	49	MH
0500	Leinster Br	266554	243756	49	MH
0600	Ashfield Br	268374	244832	49	MH
0700	Stonyford Br	268939	247361	49	MH
0800	Inchamore Br	271089	250000	42	MH
0900	Scarriff Br	273445	252734	42	MH
1000	Derrinydaly Br	276708	253872	42	MH
1100	D/s Athboy R confl	0	0	0	
1200	West Br Trim	279859	257008	42	MH
1300	Newtown Trim Br	281648	256859	42	MH
1400	u/s Knightsbrook R confl (RHS)	282514	256693	42	MH
1500	Bective Br	286090	259816	42	MH
1600	Ballinter Br	289519	262675	42	MH
1700	Kilcarn Old Bridge	288535	265524	42	MH
1800	Railway Br Navan	287430	267428	42	MH
1900	2km d/s Navan (LHS)	288493	269122	42	MH
2000	Broadboyne Br	291863	271315	42	MH
2010	d/s Broadboyne Br (RHS)	292440	271435	43	MH
2100	Slane Br	296414	273631	43	MH
2150	Ford S of Broc Ho	300050	271830	43	MH
2200	Obelisk Br	304510	276200	43	MH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	71	21	0	100	70	1	8	3	18	0	0
0160	67	46	0	100	59	2	15	3	17	0	3
0200	66	60	0	100	63	2	12	4	16	0	3
0300	66	78	0	100	66	2	10	5	15	0	2
0400	65	304	0	100	62	3	18	2	10	0	5
0500	65	327	0	100	64	3	17	2	10	0	5
0600	64	436	0	100	67	2	15	2	11	0	4
0700	63	446	0	100	67	2	14	2	10	0	4
0800	61	737	1	99	72	2	11	1	9	1	5
0900	59	965	1	99	72	2	10	1	10	1	4
1000	56	1162	0	100	72	2	10	1	10	1	4
1200	50	1362	2	98	72	2	9	1	12	0	4
1300	49	1371	2	98	72	2	9	1	12	0	4
1400	48	1372	2	98	72	2	9	1	12	0	4
1500	43	1491	1	99	72	2	8	1	13	0	3
1600	37	1576	1	99	72	2	8	1	14	0	3
1700	33	1675	1	99	71	2	7	1	15	0	3
1800	31	1685	1	99	71	2	7	1	15	0	3
1900	27	2415	22	78	73	2	5	2	15	1	3
2000	23	2428	22	78	73	2	5	2	16	1	3
2010	21	2430	22	78	73	2	5	2	16	1	3
2100	13	2486	23	77	73	2	5	2	16	1	3
2150	8	2495	23	77	73	2	5	2	16	1	3
2200	2	2619	25	75	73	2	5	1	16	1	2

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CHAPEL LAKE STREAM**

07/C/05

Tributary of : 07B01 BLACKWATER (KELLS)

OS Catchment No: 159

OS Grid Ref of Confluence: N 614 945

Date(s) Surveyed: 4/7/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0400	-	-	4	4	-	-
0700	3	4	4	4	4-5	4

Assessment: Despite considerable localised cattle impacts, indications were of continuing satisfactory water quality in the lower reaches of this little stream.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Br E of Drumanespick	262734	298537	35	CN
0700	Br u/s Blackwater R confl	261581	295009	35	CN

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	145	3	100	0	43	0	0	0	57	0	0
0700	108	24	100	0	43	0	0	0	56	1	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CROSSKEYS STREAM** **07/C/07**
 Tributary of : 07S02 STONYFORD OS Catchment No: 159
 OS Grid Ref of Confluence:
 Date(s) Surveyed: 22/6/2006

Formerly Stonyford 07S02 West Branch

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0055	4	4-5	3-4	3-4	3-4	4

Assessment: Although heavily silted and very weedy, the macroinvertebrate composition was such as to indicate 'Fair' quality at Curlingford Bridge in 2006, a slight improvement since 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0055	Curlingford Br	261270	267220	0	MH

River and Code : **D'ARCY'S CROSSROADS STREAM** **07/D/06**
 Tributary of : 07S02 STONYFORD OS Catchment No: 159
 OS Grid Ref of Confluence: N 617 665
 Date(s) Surveyed: 22/6/2006

Formerly Stonyford 07S02 East Branch

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0030	4	3-4	3	3-4	3-4	3

Assessment: Heavily silted and highly eutrophic. Unsatisfactory and deteriorating.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0030	Snipe's Br	262370	267300	42	MH

River and Code : **DEEL (RAHARNEY)**

07/D/01

Tributary of : 07B04 BOYNE

OS Catchment No: 159

OS Grid Ref of Confluence: N 695 496

Date(s) Surveyed: 21/6/2006, 22/6/2006

Station Nos.							Biological Quality Ratings (Q Values)				
	1971	1976	1978	1982	1985	1990	1994	1997	2000	2003	2006
0040	-	-	-	-	-	4-5	4	3-4	4	3-4	3-4
0070	-	-	-	-	-	4	4	4-5	4	3-4	3-4
0200	5	4-5	4-5	4	4-5	4-5	3-4	3-4	3-4	3-4	3-4
0300	-	5	4-5	4-5	4-5	4	3-4	3-4	3-4	3	3-4
0400	5	4	4-5	4-5	5	3-4	3-4	3-4	3-4	3-4	3-4
0600	5	4	4	4-5	4-5	4-5	4	3-4	4	3-4	4

Assessment: The indications from sites surveyed upstream of Raharney were of continuing over-enrichment almost throughout the river Deel but there were signs of some improvement at Raharney (0300) and also in the lower reaches (0400, 0600) where satisfactory conditions were restored.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0040	Br u/s Lough Adeel	254280	268320	42	MH
0070	Br W of Mabestown	255836	265448	42	MH
0200	Cummer Br	258463	257653	42	MH
0300	Raharney Br	260104	252985	42	MH
0400	Inan Br	263385	250390	42	MH
0600	Br u/s Boyne R confl	269102	249317	49	MH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0040	92	34	0	100	67	0	0	1	8	18	6
0070	83	49	0	100	76	0	0	1	6	13	4
0200	76	96	0	100	80	1	2	1	6	6	4
0300	71	141	4	96	84	1	2	0	5	4	3
0400	67	250	2	98	80	2	4	1	6	2	5
0600	64	285	2	98	79	2	5	1	6	2	6

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DEVLIN'S**
 Tributary of : 07M01 MATTOCK
 OS Grid Ref of Confluence: O 001 763
 Date(s) Surveyed: 3/7/2006

07/D/02
 OS Catchment No: 159

Station Nos.	Biological Quality Ratings (Q Values)						
	1981	1985	1994	1997	2000	2003	2006
0140	-	-	3-4	2/0	3	3-4*	4
0300	4	4	3-4	3	3-4	3-4	3-4

Assessment: An improvement to 'Fair' quality was recorded at the upper surveyed location (0140) but indications at Station 0300 were that the lower river continued to be in a highly eutrophic condition in early July 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0140	Br S of Grange X-Rds	295524	278502	43	MH
0300	Ford u/s Mattock R confl	300000	276327	43	MH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0140	76	11	97	3	83	0	0	0	17	0	0
0300	37	22	98	2	87	0	0	0	13	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DRUMKEERY LOUGH STREAM**

07/D/03

Tributary of : Castle Lough

OS Catchment No: 159

OS Grid Ref of Confluence: N 668 990

Date(s) Surveyed: 4/7/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0400	4	3	3	2-3	2-3	2-3

Assessment: As the biological composition and dissolved oxygen reading (45%) indicate, this little stream was again significantly polluted in the area just upstream of Castle Lake in early July 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Just u/s Castle Lough	266752	299053	35	CN

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	133	10	100	0	82	0	0	0	2	12	4

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLASH**
 Tributary of : 07B04 BOYNE
 OS Grid Ref of Confluence: N 667 423
 Date(s) Surveyed: 15/5/2006

07/G/02

OS Catchment No: 159

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0400	-	3	3	3-4	3*	3
0600	4	3-4	3	3-4	3	3

Assessment: Again moderately polluted at both locations surveyed in 2006. Very heavily silted at Clonuff Bridge (0400). Unsatisfactory. No change.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Clonuff Br	269059	240886	49	KE
0600	Br u/s Boyne R confl	266961	243485	49	KE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	75	15	0	100	60	0	19	2	18	0	0
0600	66	31	0	100	65	1	14	1	19	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **KINNEGAD**
 Tributary of : 07B04 BOYNE
 OS Grid Ref of Confluence: N 678 446
 Date(s) Surveyed: 6/6/2006

07/K/01

OS Catchment No: 159

Station Nos.							Biological Quality Ratings (Q Values)				
	1976	1978	1981	1983	1985	1990	1994	1997	2000	2003	2006
0040	-	-	-	-	-	4	-	-	-	-	-
0060	-	-	-	-	-	3-4	2-3	3	3-4	3-4*	3-4
0100	1-2	1	3	3	3	1	3-4	3-4	3	3*	3-4
0200	-	-	3	3-4	3	3	-	-	-	-	-
0300	2	1	4-5	3-4	3	3-4	3-4	3	3	3-4	4

Assessment: This river was again distinctly over-enriched upstream of and in Kinnegad (0060, 0100) but following a slight improvement, satisfactory conditions were restored at Clonard Bridge (0300) in June 2006 .

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0040	Br NE of Eskertown	0	0	49	WH
0060	Br SE of Cloonfad Ho	255729	244371	49	MH
0100	Ballivor Rd Br Kinnegad	260303	245270	49	MH
0200	Kilwarden Br	262260	246075	49	MH
0300	Clonard Br	265731	244909	49	MH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0060	76	25	0	100	73	4	3	0	20	0	0
0100	70	43	0	100	75	2	7	2	12	0	1
0300	67	70	0	100	78	2	6	2	10	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **KNIGHTSBROOK**

07/K/02

Tributary of : 07B04 BOYNE

OS Catchment No: 159

OS Grid Ref of Confluence: N 829 564

Date(s) Surveyed: 9/5/2006

Station Nos.	Biological Quality Ratings (Q Values)								
	1976	1981	1985	1990	1994	1997	2000	2003	2006
0100	-	3-4	3	-	3	-	-	-	-
0200	-	4	3	-	-	-	-	-	-
0300	-	3-4	3	3	3	3	2-3	2-3	2-3
0360	-	-	-	-	3-4	3-4	3	4	-
0400	4	3-4	3-4	3-4	-	-	-	-	4
0500	4	4	4	3-4	4	4	3	3-4	3-4

Assessment: Again moderately polluted below Summerhill (0300) and slightly polluted by suspected water treatment plant discharges in the lowermost reaches (0500) but satisfactory conditions were maintained in the Laracor area (0400) in 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Moynalvy Br	0	0	0	
0200	Clonmeath Br	0	0	0	
0300	Dangan Br	283265	250874	42	MH
0360	Br nr Summerstown Ho	280346	252154	42	MH
0400	Br nr Laracor	247273	240476	0	
0500	Br u/s Boyne R confl	282990	256345	42	MH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	72	42	0	100	86	3	0	1	7	0	2
0360	64	54	0	100	81	2	0	1	13	0	2
0500	48	71	0	100	79	2	0	1	17	0	1

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **LISLEA**
 Tributary of :
 OS Grid Ref of Confluence: N 622 862
 Date(s) Surveyed: 5/7/2006

07/L/01
 OS Catchment No: 159

Station Nos.	Biological Quality Ratings (Q Values)						
	1980	1988	1994	1997	2000	2003	2006
0100	4	4	4	4	4	4	4

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br u/s Lough Ramor	262295	286204	35	CN

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	89	29	100	0	85	4	1	0	4	0	6

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **MATTOCK**
 Tributary of : 07B04 BOYNE
 OS Grid Ref of Confluence: O 037 757
 Date(s) Surveyed: 3/7/2006

07/M/01
 OS Catchment No: 159

Station Nos.	Biological Quality Ratings (Q Values)								
	1976	1981	1985	1990	1994	1997	2000	2003	2006
0050	-	-	-	4	4	3-4	3-4	3-4*	3-4
0100	-	4-5	4	3	3-4	3	3-4	3-4*	3-4
0200	5	4-5	4-5	4-5	3-4	3-4	4	4	3-4
0300	-	5	4-5	-	3-4	4	3	-	4

Assessment: Continuing generally over-enriched and heavily silted but lower reaches (0300) remained satisfactory in early July 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Slane Rd Br Collon	299751	281708	36	LH
0100	Boyd's Br	301855	280761	36	MH
0200	Br u/s Devlins R confl	300458	276919	43	MH
0300	New Br u/s Boyne R confl	303686	275639	43	MH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	105	11	98	2	85	1	0	1	13	0	0
0100	85	17	99	1	87	1	0	2	11	0	0
0200	44	41	100	0	82	0	0	2	16	0	0
0300	5	81	88	12	82	1	0	1	16	0	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **MILLTOWNPASS**
 Tributary of : 07C04 CASTLEJORDAN
 OS Grid Ref of Confluence: N 530 420
 Date(s) Surveyed: 15/5/2006

07/M/04
 OS Catchment No: 159

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0400	3-4	3-4	3	3	3	3-4

Assessment: Slightly improved since 2003 but still below a satisfactory quality status.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Br in Milltownpass	250184	243724	48	MH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	84	13	0	100	93	1	2	0	2	0	1

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **MOYNALTY**
 Tributary of : 07B01 BLACKWATER (KELLS)
 OS Grid Ref of Confluence: N 787 742
 Date(s) Surveyed: 5/7/2006, 6/7/2006

07/M/03

OS Catchment No: 159

Station Nos.	Biological Quality Ratings (Q Values)									
	1978	1980	1984	1986	1990	1994	1997	2000	2003	2006
0015	-	-	-	-	3-4	-	-	-	-	-
0020	-	-	-	-	1	2-3	-	-	-	-
0050	-	-	-	-	4	4	3	3-4	3-4	-
0060	-	-	-	-	3	-	-	-	-	-
0070	-	-	-	-	3	3	3-4	3	4	3-4
0085	-	-	-	-	4-5	-	-	-	-	-
0090	-	-	-	-	-	3	4	3-4	4	-
0100	5	3-4	4	3-4	3	-	-	-	-	3-4
0200	-	3-4	3-4	3	3-4	-	-	-	-	3-4
0300	4	3-4	3-4	3-4	3-4	3-4	3	3	3-4	3-4
0500	4-5	3-4	3-4	4	3-4	-	-	-	-	-
0600	4-5	3-4	-	3-4	3-4	4	3-4	3-4	3-4	3-4
0700	-	-	4	3-4	3-4	-	-	-	-	-
0800	-	4	-	4	4	4	3-4	3	3-4	4
0900	3-4	4	-	4	-	4	4	3	3-4	4

Assessment: Indications of considerable nutrient enrichment (excessive weed and/or algae, abnormally high DO levels) were apparent at almost all sites surveyed on the Moynalty in 2006. The lower two sites had improved since 2003 and were assessed as at satisfactory status.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0015	100 m d/s 3rd Br d/s Chapel L	0	0	35	CN
0020	Br N of Greaghamale	0	0	35	CN
0050	Br nr Lurganbane	269219	295381	35	CN
0060	Br E of Wilton Ho	0	0	35	CN
0070	Clogagh Br	267572	291639	35	MH
0085	Br u/s Skearke Br	0	0	35	MH
0090	Skearke Br	269016	287986	35	MH
0100	Rathbourne's Br	270228	287014	35	MH
0200	Rosehill Br	271636	285052	35	MH
0300	Mullagh Br	271112	284107	35	MH
0500	Br nr Shancarnan Ho	0	0	35	MH
0600	Moynalty Br	273499	282537	35	MH
0700	Br nr Mahonstown	0	0	35	MH
0800	Carlanstown Br	276484	279242	42	MH
0900	Fyanstown Br	279048	275738	42	MH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	140	8	100	0	80	0	4	0	3	0	13
0070	121	26	100	0	89	0	1	0	4	0	5
0090	100	35	100	0	91	0	1	0	3	0	5
0100	96	50	100	0	92	0	1	0	3	0	4
0300	88	72	100	0	94	0	0	0	2	0	3
0600	73	83	98	2	93	0	0	1	3	0	2
0800	57	121	85	15	90	0	0	1	7	0	2
0900	49	188	61	39	83	0	0	0	14	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **MULLAGH LOUGH STREAM** **07/M/06**
 Tributary of : 07M03 MOYNALTY OS Catchment No: 159
 OS Grid Ref of Confluence: N 710 840
 Date(s) Surveyed: 9/10/2006

Formerly Mullagh Branch of Moynalty 07M03

Station Nos.	Biological Quality Ratings (Q Values)									
	1978	1980	1984	1986	1990	1994	1997	2000	2003	2006
0400	3	3-4	3-4	3	3	3	3	3	3	3

Assessment: Moderately polluted again in 2006. Sewage from Mullagh suspected.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Just u/s Moynalty R confl	271106	284039	35	MH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	87	78	100	0	93	0	0	1	3	1	3

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **NADREEGEL LOUGH STREAM****07/N/01**

Tributary of :

OS Catchment No: 159

OS Grid Ref of Confluence: N 594 870

Date(s) Surveyed: 5/7/2006

Station Nos.	Biological Quality Ratings (Q Values)									
	1978	1980	1982	1984	1990	1994	1997	2000	2003	2006
0100	-	4-5	4-5	3-4	3-4	3-4	4-5	3-4	3-4	4
0500	4	4	3-4	4	3-4	3-4	3-4	3-4	3-4	3-4

Assessment: The Nadreegel Lough Stream was in a better overall condition in 2006 than it has been for a long time: despite considerable siltation and an obvious degree of enrichment, conditions were assessed as satisfactory at the two upper sites but the lower reaches were excessively weed-choked. DO at Cranadillon (0500) was reduced to just 55 percent at the time of this survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Assan Br	255351	296117	35	CN
0500	Br nr Cranadillon	259039	288042	35	CN

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	110	15	100	0	76	0	4	0	20	0	0
0500	91	46	100	0	87	0	1	0	9	1	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **RIVERSTOWN****07/R/01**

Tributary of : 07D01 DEEL (RAHARNEY)

OS Catchment No: 159

OS Grid Ref of Confluence: N 607 515

Date(s) Surveyed: 21/6/2006

Station Nos.	Biological Quality Ratings (Q Values)								
	1976	1981	1985	1990	1994	1997	2000	2003	2006
0090	-	-	-	-	4	4	4	3	3-4
0200	4-5	4	4-5	3-4	3-4	3	3	3	3-4

Assessment: Some improvement was apparent at both sites surveyed on the Riverstown river in 2006 but further improvement is required before satisfactory conditions are restored.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0090	Br nr Knockmant	252850	250500	42	MH
0200	Br u/s Deel R confl	259120	250609	42	MH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0090	-99	32	0	100	67	7	3	1	4	0	19
0200	72	76	0	100	71	5	5	1	7	0	11

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **ROCHFORTBRIDGE STREAM** **07/R/04**
 Tributary of : 07C04 CASTLEJORDAN OS Catchment No: 159
 OS Grid Ref of Confluence: N 470 404
 Date(s) Surveyed: 15/5/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0300	3	4	3-4	3	3	3

Assessment: Moderately polluted again in 2006. Likely cause unknown.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Br SE of Derry	246414	241558	48	MH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	81	15	0	100	80	0	8	0	10	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **SKANE**
 Tributary of : 07B04 BOYNE
 OS Grid Ref of Confluence: N 871 613
 Date(s) Surveyed: 9/5/2006, 11/5/2006

07/S/01
 OS Catchment No: 159

Station Nos.	Biological Quality Ratings (Q Values)													
	1979	1981	1983	1985	1987	1988	1989	1990	1991	1994	1997	2000	2003	2006
0100	3-4	3-4	2-3	2-3	3	-	-	2-3	-	-	-	-	-	-
0150	-	-	-	-	-	-	-	3-4	-	3	2-3	2-3	2-3	3
0200	1	3	3	2	2	2	2	2	2	-	-	-	-	-
0300	-	-	3	2-3	2	-	2	2	2	2-3	2-3	3	2-3	3
0400	-	-	4	2-3	-	-	-	2-3	-	-	-	-	-	-
0500	-	-	4	3	-	-	-	-	-	-	-	-	-	-
0510	-	-	-	-	-	-	-	3	-	3	3	3	3-4	3-4
0600	3-4	3-4	3-4	3	-	-	-	3-4	-	3	3	3	3-4*	3-4

Assessment: Further minor improvements recorded at two points (0150, 0300) but overall condition unsatisfactory and broadly similar to that recorded in 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Drumree Br	0	0	0	
0150	2 km d/s Drumree Br	293338	253207	43	MH
0200	Dunsany Br	0	0	0	
0300	Athronan Br	290252	255398	42	MH
0400	E Br Kilmessan	0	0	0	
0500	2.5 km d/s Kilmessan	0	0	0	
0510	Br NE of Balgeeth	289128	260094	42	MH
0600	Dowdstown Br	290379	262357	42	MH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0150	77	16	0	100	83	0	0	4	12	0	0
0300	67	38	0	100	64	2	0	2	32	0	0
0510	54	63	0	100	66	1	0	1	32	0	0
0600	43	87	0	100	64	1	0	2	34	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **STONYFORD**
 Tributary of : 07B04 BOYNE
 OS Grid Ref of Confluence: N 737 531
 Date(s) Surveyed: 20/6/2006, 22/6/2006

07/S/02

OS Catchment No: 159

Station Nos.	Biological Quality Ratings (Q Values)								
	1976	1981	1985	1990	1994	1997	2000	2003	2006
0065	-	-	-	-	-	-	3-4	3-4	4
0075	-	-	-	-	-	-	3-4	3-4	3-4
0100	-	4	4	-	-	-	-	-	-
0400	4-5	4	4	3-4	4	4	4	4	4

Assessment: Indications at Station 0065 were of an improvement in the upper reaches of the Stonyford River in 2006. No improvement was apparent downstream of Delvin (0075) however, but, as the Q4 at Stonyford Bridge (0400) indicates, the lower reaches continued to maintain a satisfactory quality status.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0065	Br SW of Ballinlough	262021	264277	42	MH
0075	Br E of Ballyhealy Lr	263795	261679	42	MH
0100	Rathkenna Br	268299	257179	42	MH
0400	Stonyford Br	273137	253326	42	MH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0065	82	48	0	100	95	1	1	0	1	0	3
0075	76	67	0	100	93	0	1	1	3	0	2
0100	68	103	0	100	87	0	1	1	8	0	3
0400	61	152	0	100	72	1	13	1	9	0	5

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **YELLOW (BLACKWATER)**

07/Y/01

Tributary of : 07B01 BLACKWATER (KELLS)

OS Catchment No: 159

OS Grid Ref of Confluence: N 834 710

Date(s) Surveyed: 7/7/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1971	1990	1994	1997	2000	2003	2006
1100	4-5	4	3-4	3	3	3	3

Assessment: Extreme calcification and the absence of any sensitive species indicated no change in the unsatisfactory status of the Yellow river in 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
1100	Br u/s Blackwater R confl	283534	271090	42	MH

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
1100	41	51	93	7	47	1	0	1	49	1	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **YELLOW (CASTLEJORDAN)**

07/Y/02

Tributary of : 07B04 BOYNE

OS Catchment No: 159

OS Grid Ref of Confluence: N 612 372

Date(s) Surveyed: 7/6/2006

Station Nos.	Biological Quality Ratings (Q Values)								
	1976	1981	1985	1990	1994	1997	2000	2003	2006
0070	-	-	-	-	-	-	-	3	4
0100	-	3-4	4	3-4	4	3-4	3	3-4	3-4
0300	4-5	4-5	4	4	4	4	4	4	4

Assessment: Quality improved to a satisfactory level at the uppermost location (0070) while similar, satisfactory conditions were recorded in the lower reaches but the middle reaches (0100) were again slightly polluted in 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0070	Br d/s Big R confl	249710	236492	0	OF
0100	Garr Br	253177	236902	49	OF
0300	Clongall Br	259439	237542	49	OF

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	73	49	0	100	45	6	36	2	5	0	6
0300	68	179	0	100	59	3	24	1	7	0	6

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

HYDROMETRIC AREA 10 (Avoca – Vartry)	
ASKANAGAP STREAM	10A06
AUGHRIM (WICKLOW)	10A02
AVOCA	10A03
AVONBEG	10A04
AVONMORE	10A05
BALLYCREEN BROOK	10B02
BALLYDUFF STREAM (WICKLOW)	10B01
CARRICKMINES STREAM *	10C04
CLOGHOGE BROOK	10C01
COOLALUG STREAM	10C02
DARGLE	10D01
DERRY WATER	10D02
GLENCREE	10G01
GLENCULLEN	10G02
GLENDASAN	10G06
GLENEALO	10G05
GLENMACNASS	10G03
GOLD MINE	10G04
KILL OF THE GRANGE STREAM	10K02
KILMACANOGE	10K03
NEWCASTLE (WICKLOW)	10N01
NEWTOWNMOUNTKENNEDY	10N02
OW	10O01
POTTER'S	10P01
REDCROSS	10R01
SHANGANAGH	10S01
TEMPLERAINY STREAM	10T04
THREE MILE WATER	10T01
VARTRY	10V01

* CARRICKMINES STREAM Previously reported as Shanganagh,
Carrickmines Branch

River and Code : **ASKANAGAP STREAM**

10/A/06

Tributary of : 10D02 DERRY WATER

OS Catchment No: 171

OS Grid Ref of Confluence: T 057 766

Date(s) Surveyed: 25/5/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0300	5	-	-	-	-	-
0400	4	5	4-5	4-5	4-5	5

Assessment: A rare example of the highest quality waters.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Br d/s Askanagap Br	306171	179734	62	WW
0400	Br u/s Derry R confl	305728	176712	62	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	166	5	100	0	41	7	41	0	0	0	11
0400	102	12	100	0	52	7	26	0	0	0	15

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **AUGHRIM (WICKLOW)**

10/A/02

Tributary of : 10A03 AVOCA

OS Catchment No: 171

OS Grid Ref of Confluence: T 196 768

Date(s) Surveyed: 1/6/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	1999	2003	2006
0100	4	-	-	-	-	-
0200	4	5	4-5	4-5	3	4
0400	5	4-5	4-5	4	4	4

Assessment: Relatively high numbers of filter feeders (Hydropsychidae) indicated some considerable input of fine particulate matter at both locations but nevertheless quality was assessed as 'Fair' at each site surveyed in early June 2006. Conditions had improved considerably at Coats Bridge (0200) since 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br in Aughrim	0	0	62	WW
0200	Coat's Br	314795	178944	62	WW
0400	Wooden Br	318993	177029	62	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	44	188	100	0	37	18	20	1	8	0	16
0400	11	224	100	0	40	17	17	0	11	0	14

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **AVOCA**

10/A/03

Tributary of :

OS Catchment No: 171

OS Grid Ref of Confluence: T 256 729

Date(s) Surveyed: 31/5/2006

Station Nos.							Biological Quality Ratings (Q Values)				
	1971	1974	1977	1981	1986	1990	1994	1997	2000	2003	2006
0650	-	-	-	-	5	-	-	-	-	-	-
0680	-	-	-	-	-	4-5	5	4	4	3-4	-
0700	1/0	1/0	1/0	1/0	1/0	1/0	1/0	-	1/0	-	4
0800	1/0	1/0	1/0	-	1/0	1/0	-	-	-	-	-
0900	-	-	-	-	2/0	2/0	1/0	-	-	-	-
1000	1/0	1/0	1/0	-	2/0	-	-	-	-	-	-
1200	-	-	-	-	1/0	1/0	-	-	-	-	-

Assessment: Extremely wet weather in the preceding weeks is considered the major factor in the recolonisation of the river with a reasonable range of sensitive macroinvertebrates which were recorded at Avoca Bridge at the end of May 2006. A range of sensitive species consistent with 'Fair' quality, were found there but whether this situation is maintained remains to be seen.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0650	0.1km d/s Avonbeg R confl	0	0	0	
0680	1km d/s Avonbeg R confl	319661	182146	62	WW
0700	Avoca Br	320337	179825	62	WW
0800	At Woodenbridge Golf Club	319290	177220	0	
0900	Footbr 0.5km d/s Aughrim R	320245	176469	62	WW
1000	At Shelton Abbey (u/s I.F.I.)	321810	175230	0	
1200	Arklow Br	324720	173530	0	

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0680	29	362	100	0	17	18	40	0	12	1	13
0700	22	378	100	0	19	17	38	1	12	1	12
0900	2	615	100	0	27	17	30	1	12	0	13

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **AVONBEG**
 Tributary of : 10A03 AVOCA
 OS Grid Ref of Confluence: T 190 832
 Date(s) Surveyed: 31/5/2006

10/A/04
 OS Catchment No: 171

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	5	3-4*	4	3-4	3-4	4-5
0400	5	4	4	4	3	4
0600	4	4	4	3-4*	3-4*	3-4
0700	5	-	-	-	-	-
0800	4-5	4	4-5	4	3	4-5

Assessment: With the exception of Greenane Bridge (0600) where abundant silt-slime complexes indicated some ecological upset, the indications from the other sites surveyed are of a significant improvement in quality throughout the Avonbeg river since the survey of 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Ford nr Barravore	306591	194165	56	WW
0400	Drumgoff Br	310549	190670	56	WW
0600	Greenan Br	314516	187510	62	WW
0700	Ballinaclash Br	0	0	62	WW
0800	Meetings Br	319040	182999	62	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	159	14	100	0	0	26	65	0	0	0	9
0400	121	48	100	0	3	26	48	0	1	0	23
0600	90	69	100	0	7	26	45	0	4	0	18
0800	31	359	100	0	17	18	40	0	12	1	13

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **AVONMORE**

10/A/05

Tributary of : 10A03 AVOCA

OS Catchment No: 171

OS Grid Ref of Confluence: T 190 832

Date(s) Surveyed: 10/10/2006, 18/5/2006, 25/5/2006, 31/5/2006

Station Nos.	Biological Quality Ratings (Q Values)									
	1971	1974	1981	1985	1990	1994	1997	2000	2003	2006
0010	-	-	-	-	5	-	4-5	5	4-5	4-5
0020	-	-	-	-	5	-	-	-	-	-
0040	-	-	-	-	-	-	-	4	-	-
0050	-	-	-	-	4	4	4	4	4	4
0100	-	-	5	4-5	4-5	4	4	4	4-5	5
0200	-	4-5	5	4-5	4-5	4-5	4-5	4	4	5
0300	5	3-4	5	4-5	4	4-5	4-5	4	4	4-5
0310	-	-	-	-	-	-	-	-	-	4
0400	-	-	5	5	-	-	-	-	-	-
0500	5	5	5	5	5	4	4	4-5	4	4-5

Assessment: Continuing satisfactory at all sites surveyed but there were signs of enrichment at Annamoe and Rathdrum Bridges (0050, 0310) mid-May 2006. A fish-kill was reported at Old Bridge (2.5 km u/s Annamoe Bridge) in the week ending July 21st 2006: the kill was attributed to freshly poured cement during County Council works at the bridge. (Donnachadha Byrne pers. comm.).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0010	Old Bridge	316092	206179	56	WW
0020	Old Br	316041	201833	56	WW
0040	0.8 km u/s Annamoe Br	317375	199889	56	WW
0050	Br in Annamoe	317278	199225	56	WW
0100	Ballard Br	314404	195635	56	WW
0200	Clara Br	316871	192098	56	WW
0300	Rathdrum Br	319259	188727	62	WW
0310	Rathdrum Br (RHS) .	319197	188752	62	WW
0400	Avondale 3km d/s Rathdrum	319845	186371	62	WW
0500	Lion's Br	319206	183295	62	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0010	217	22	100	0	0	7	83	0	0	2	8
0020	202	67	100	0	2	13	75	0	1	2	6
0040	171	74	100	0	7	13	68	0	1	2	9
0050	166	80	100	0	7	12	65	0	3	2	11
0100	119	141	100	0	13	13	56	0	7	1	10
0200	96	201	100	0	11	15	55	0	6	1	11
0300	77	230	100	0	14	16	49	0	8	1	12
0400	62	236	100	0	15	16	47	0	9	1	11
0500	40	251	100	0	17	16	44	0	10	1	11

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BALLYCREEN BROOK**

10/B/02

Tributary of : 10A02 AUGHHRIM (WICKLOW)

OS Catchment No: 171

OS Grid Ref of Confluence: T 130 796

Date(s) Surveyed: 25/5/2006, 31/5/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0400	5	4-5	4	4-5	4-5	5
0700	5	4-5	4	4-5	4-5	3-4

Assessment: A major land-clearance operation for the construction of a golf course was in progress the Macreddin area at the time of this survey in 2006. Measures to contain run-off were successfully protecting the stream at the uppermost site (0400) where quality continued to be of a very high standard. Further downstream Tinnakilly Bridge (0700), however, considerable slime growths and heavy substratum siltation were indicative of some ecological stress.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Br W of Macreddin	312082	182555	62	WW
0700	Tinnakilly Br	313312	179756	62	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	133	10	100	0	3	5	52	0	39	0	1
0700	71	20	100	0	23	7	29	0	24	0	17

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BALLYDUFF STREAM (WICKLOW)** **10/B/01**
 Tributary of : 10A03 AVOCA OS Catchment No: 171
 OS Grid Ref of Confluence: T 224 748
 Date(s) Surveyed: 17/5/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	3-4	3-4	3	3/0	3-4*	3-4

Assessment: Continuing slightly polluted by heavy siltation due to suspected water treatment plant discharges.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Ballyduff Br	322229	173138	62	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	19	14	100	0	75	1	0	4	19	0	2

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CARRICKMINES STREAM**

10/C/04

Tributary of : 10S01 SHANGANAGH

OS Catchment No:

OS Grid Ref of Confluence: O 245 230

Date(s) Surveyed: 3/5/2006

Previously reported as Shanganagh, Carrickmines Branch

Station Nos.	Biological Quality Ratings (Q Values)							
	1981	1984	1990	1994	1997	2000	2003	2006
0200	3-4	3	3	3	3	3	3	-
0300	4	4	3-4	-	-	-	-	-
0350	-	-	-	-	-	-	-	3-4
0400	3-4	4	2-3	3	3	3	3	-

Assessment: Excessive algal growths plus heavy siltation indicated some ecological imbalance at this location in early May 2006. Formerly reported as the Carrickmines branch of the Shanganagh river.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Glenamuck Rd Br (Friarsland/Priorsland)	321900	224100	50	DN
0300	Br nr Glendruoid Ho	0	0	50	
0350	u/s Overpass .	324312	223471	50	
0400	Br at Loughlinstown	324614	223251	50	DN

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	-99	13	100	0	33	4	0	34	24	0	5
0400	16	32	100	0	30	7	1	32	22	0	7

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CLOGHOGE BROOK** **10/C/01**
 Tributary of : 10A05 AVONMORE OS Catchment No: 171
 OS Grid Ref of Confluence: O 161 059
 Date(s) Surveyed: 18/5/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	5	5	5	4-5	4-5	5

Assessment: Continuing highly satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br u/s Annamoe R confl	315895	206011	56	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	220	11	100	0	0	0	96	0	0	0	4

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **COOLALUG STREAM** **10/C/02**
 Tributary of : 10D02 DERRY WATER OS Catchment No: 171
 OS Grid Ref of Confluence: T 070 747
 Date(s) Surveyed: 1/6/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0300	4	4	4-5	3/0	4	-
0500	3-4	3-4	4-5	3*	4	3-4

Assessment: Excessive weed growth and a restricted macroinvertebrate composition indicated some considerable enrichment at Killaveny Bridge (0500) in early June 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Coolalug Br	307571	172974	62	WW
0500	Br d/s Killaveny Br	307456	174944	62	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	101	12	100	0	46	19	1	0	4	0	30
0500	82	20	100	0	49	11	1	0	10	0	28

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DARGLE**
 Tributary of :
 OS Grid Ref of Confluence: O 268 193
 Date(s) Surveyed: 4/5/2006

10/D/01
 OS Catchment No: 169

Station Nos.	Biological Quality Ratings (Q Values)										
	1971	1974	1978	1982	1986	1990	1994	1997	2000	2003	2006
0010	-	-	-	5	5	5	5	4-5	4-5	5	4
0050	-	-	-	4-5	5	5	-	-	-	-	-
0100	-	-	-	5	4-5	4-5	4-5	4	3	4	4
0200	5	5	5	5	5	-	-	-	-	-	-
0250	-	-	-	-	-	4-5	4	3-4	3	3-4	4
0300	3-4	4	5	4	5	-	-	-	-	-	-

Assessment: Following an improvement in its lower reaches (0250) the Dargle was in a satisfactory quality condition at each of the three sites surveyed in early May 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0010	Br u/s Tinnehinch Br	320394	214724	56	WW
0050	Tinnehinch Br	322127	216187	56	WW
0100	Br u/s Glencullen R	324343	217074	56	WW
0200	D/s Glencullen R confl	324518	217311	56	WW
0250	1km u/s Bray Br	325499	218426	56	WW
0300	Just d/s Bray Br	326385	218881	56	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0010	89	15	100	0	9	28	59	0	0	0	5
0050	73	58	100	0	12	22	45	3	8	0	10
0100	21	68	100	0	15	19	42	4	11	0	9
0200	16	105	100	0	19	15	37	5	13	0	12
0250	6	113	100	0	21	14	34	5	14	0	11
0300	2	128	100	0	21	14	31	8	15	0	11

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DERRY WATER**

10/D/02

Tributary of : 10A02 AUGHRIM (WICKLOW)

OS Catchment No: 171

OS Grid Ref of Confluence: T 118 788

Date(s) Surveyed: 1/6/2006, 2/6/2006, 26/5/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0300	-	4-5	4	4	4-5	4-5
0400	5	3-4	-	-	-	-
0600	5	5	4-5	4-5	5	4-5
0800	4	4	4-5	3-4	4	4

Assessment: Following further improvement in its lower reaches (0800) the Derry Water was in a satisfactory quality condition at each of the three locations surveyed in late May 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Br NW of Moyne	303137	180187	62	WW
0400	Sandy Ford	0	0	62	WW
0600	Ballingen Br	306604	175870	62	WW
0800	Annacurragh Br	310913	177873	62	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	157	12	100	0	39	23	35	0	0	0	3
0600	88	38	100	0	48	13	27	0	0	0	12
0800	73	94	100	0	53	9	17	0	7	0	13

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENCREE**
 Tributary of : 10D01 DARGLE
 OS Grid Ref of Confluence: O 204 148
 Date(s) Surveyed: 4/5/2006

10/G/01
 OS Catchment No: 169

Station Nos.	Biological Quality Ratings (Q Values)							
	1982	1986	1990	1994	1997	2000	2003	2006
0010	-	-	5	-	-	-	-	-
0100	-	5	5	5	-	4	-	-
0200	5	5	5	5	5	5	5	4-5

Assessment: Continuing highly satisfactory conditions at Onagh Bridge (0200), however increased siltation of the substratum was noted in 2006. Forestry suspected.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0010	Br nr Stone Cross	314300	218600	56	
0100	Wooden Br SE of Ballycoyle	316795	215697	56	WW
0200	Onagh Br (u/s Dargle R confl)	320256	214888	56	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	137	21	100	0	5	14	65	0	6	1	9
0200	89	34	100	0	7	20	50	0	9	1	13

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENCULLEN**
 Tributary of : 10D01 DARGLE
 OS Grid Ref of Confluence: O 246 174
 Date(s) Surveyed: 3/5/2006, 4/5/2006

10/G/02
 OS Catchment No: 169

Station Nos.	Biological Quality Ratings (Q Values)									
	1971	1974	1978	1985	1990	1994	1997	2000	2003	2006
0050	-	-	-	-	5	-	-	-	4-5	5
0100	5	5	5	5	5	5	5	5	-	-
0300	4-5	5	5	5	4-5	4-5	4-5	4-5	4	4-5
0400	5	4-5	4	4-5	-	-	-	-	-	-
0500	-	-	-	-	4-5	4-5	3-4	4	4	4

Assessment: Indications in early May 2006 were that high quality was being maintained over most of the Glencullen river but enrichment reduced ecological quality to 'Fair' in lower reaches (0500).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Br N of Boranaraltry	316800	220700	0	
0100	Glencullen Br	319222	219343	56	WW
0300	2km u/s Enniskerry Br	321413	218176	56	WW
0400	1.5km d/s Enniskerry Br	0	0	56	WW
0500	Just u/s Dargle R confl	324264	217183	56	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	189	15	100	0	4	10	47	0	7	0	32
0300	92	21	100	0	17	11	33	2	11	0	27
0500	19	26	100	0	22	11	27	7	13	0	22

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENDASAN**
 Tributary of : 10G05 GLENEALO
 OS Grid Ref of Confluence: T 124 963
 Date(s) Surveyed: 18/5/2006

10/G/06
 OS Catchment No: 171

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	3	4-5	5	5	-	-
0150	4-5	-	-	-	-	-
0200	5	4	5	4	4	4

Assessment: The restricted macroinvertebrate diversity in this river may be natural or could be a result of possible metallic pollution from the worked out mines and spoil tips upstream: some chemical investigation would clarify the situation.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br nr Old Lead Works	309896	198218	56	WW
0150	2km u/s Glenealo R confl	0	0	56	
0200	Br u/s Glenealo R confl	312332	196920	56	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	280	10	100	0	0	0	94	0	0	0	6
0200	130	15	100	0	0	8	85	0	1	0	6

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENEALO**
 Tributary of : 10A05 AVONMORE
 OS Grid Ref of Confluence: T 142 957
 Date(s) Surveyed: 25/5/2006

10/G/05
 OS Catchment No: 171

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	4-5	4	5	5	-	5
0200	3	3/0	3/0	3/0	3/0	3/0
0400	4	3-4	4	4	4-5	5

Assessment: The upper and lower reaches of the Glenealo (0100, 0400) continued to be in a highly satisfactory condition in may 2006 but abnormal acidic effects were again indicated downstream of the Upper Lake, Glendalough (0200).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Ford u/s Upper Lake	309042	196177	56	WW
0200	Br d/s Upper Lake	310987	196386	56	WW
0400	Just u/s Avonmore R	314368	195611	56	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	139	10	100	0	0	0	81	0	0	0	19
0200	131	19	100	0	0	22	58	0	0	3	17
0400	118	39	100	0	0	20	64	0	3	1	11

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENMACNASS**
 Tributary of : 10A05 AVONMORE
 OS Grid Ref of Confluence: T 144 964
 Date(s) Surveyed: 10/10/2006, 12/10/2006

10/G/03
 OS Catchment No: 171

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0190	-	-	-	-	-	5
0200	4-5	4	5	4	4	-
0500	4-5	4	4-5	4-5	4	-
0600	-	-	-	-	-	5

Assessment: High quality at both sites. Satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0190	0.5 km d/s Mall Brook (at gate) .	312233	200647	56	WW
0200	(Ford) Br SE of Mall Hill	312372	200062	56	WW
0500	Laragh Br	314352	196633	56	WW
0600	Just u/s Avonmore R confl .	314512	196445	56	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	221	19	100	0	0	8	82	0	3	0	7
0500	136	30	100	0	2	14	73	0	4	0	7

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GOLD MINE**

10/G/04

Tributary of : 10A02 AUGHRIM (WICKLOW)

OS Catchment No: 171

OS Grid Ref of Confluence: T 190 770

Date(s) Surveyed: 25/5/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0050	-	-	-	3	-	-
0290	-	-	-	4-5	-	-
0500	5	4-5	4-5	3	3-4	5

Assessment: This stream has continued its recovery and was in a highly satisfactory condition in its lower reaches when surveyed in late May 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Agric Br u/s confl with Main Chan	318119	176145	62	WW
0290	u/s Clonwilliam Branch	318178	176145	62	WW
0500	Br u/s Aughrim R confl	318944	176840	62	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	45	8	100	0	54	19	7	0	8	0	12
0290	43	8	100	0	54	19	7	0	8	0	11
0500	15	17	100	0	52	16	5	0	21	0	6

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **KILL OF THE GRANGE STREAM**

10/K/02

Tributary of :

OS Catchment No: x1

OS Grid Ref of Confluence: O 237 260

Date(s) Surveyed: 3/5/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1990	1991	1994	1997	2000	2003	2006
0100	2	1	1-2	1-2	2-3	-	-
0200	-	-	-	-	-	2-3	2-3
0280	2	1	2-3	3	3	-	-
0500	2	2	2-3	3	3	2-3	3/0

Assessment: This stream continues to be significantly polluted at each of the sites surveyed.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Nr Kill Lane National Sch	322677	226782	50	DN
0200	Footbridge Meadowvale	323150	226070	50	DN
0280	Br on Johnstown Rd	323602	225497	50	DN
0500	Killiney Hill Rd Br	325548	223298	50	DN

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	37	0	100	0	0	0	0	100	0	0	0
0280	30	2	100	0	0	0	0	100	0	0	0
0500	3	7	100	0	0	0	0	100	0	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **KILMACANOGE**
 Tributary of : 10D01 DARGLE
 OS Grid Ref of Confluence: O 248 174
 Date(s) Surveyed: 25/9/2006

10/K/03
 OS Catchment No: 169

Station Nos.	Biological Quality Ratings (Q Values)				
	1990	1994	1997	2000	2006
0300	3	3	3/0	3	3-4
0600	3	3	3	3	-

Assessment: Some improvement was apparent at Kilmacanoge in 2006, however quality status remained at a less than satisfactory level in May 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Br in Kilmacanoge	324759	214716	56	WW
0600	Br nr Kilbride Church	324476	216982	56	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	76	8	100	0	44	1	42	3	10	0	0
0600	27	11	100	0	36	2	33	3	20	0	5

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **NEWCASTLE (WICKLOW)****10/N/01**

Tributary of :

OS Catchment No: y1

OS Grid Ref of Confluence: O 317 032

Date(s) Surveyed: 5/5/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0400	4	3-4	1/0	4	3	-
0600	3	3	3	3-4	3	3-4

Assessment: Slightly improved since 2003, however slime growths plus a very restricted macroinvertebrate faunal composition indicated less than satisfactory quality in this small stream.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Br S of Bloomfield	329088	204028	56	WW
0600	0.5km d/s Newcastle Br	330370	204111	56	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	25	13	100	0	60	4	2	0	21	0	13
0600	9	15	100	0	60	4	2	0	21	0	13

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **NEWTOWNMOUNTKENNEDY**

10/N/02

Tributary of :

OS Catchment No: y1

OS Grid Ref of Confluence: O 315 064

Date(s) Surveyed: 5/5/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	5	4-5	4-5	4-5	5	4-5
0400	4	-	-	-	-	-
0500	2-3	2-3	3	3	3*	-
0600	4	3	3-4	3	3	3-4

Assessment: Continuing satisfactory in its upper reaches and, although somewhat improved below the town, the presence of abundant algae, heavy siltation and high numbers of tolerant macroinvertebrate species reflected significant pollution in the lower river.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br nr Hermitage	324883	207790	56	WW
0400	Br in Newtown	0	0	56	
0500	Br nr Kilmullin	328432	206389	56	WW
0600	Br S of Ballyphilip	329594	206255	56	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	107	6	100	0	60	0	10	0	8	0	21
0500	35	15	100	0	56	5	4	3	15	0	17
0600	16	16	100	0	53	4	4	4	18	0	16

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OW** **10/O/01**
 Tributary of : 10A02 AUGHRIM (WICKLOW) OS Catchment No: 171
 OS Grid Ref of Confluence: T 118 788
 Date(s) Surveyed: 1/6/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	5	4	4	4	4	3-4
0300	5	4-5	5	4	4	3-4
0400	5	5	5	4	4	4

Assessment: The Ow River showed signs of increasing eutrophication at the upper two sites surveyed in early June 2006 but the lower site continued to reflect reasonable quality conditions.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br near Aghavannagh Bks	305566	186103	62	WW
0300	Ballymanus Br	309307	181515	62	WW
0400	Roddenagh Br	311673	179166	62	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	201	13	100	0	0	27	68	0	0	0	5
0300	108	49	100	0	6	41	31	0	1	0	21
0400	75	60	100	0	16	36	27	0	1	0	21

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **POTTER'S**
 Tributary of :
 OS Grid Ref of Confluence: T 319 847
 Date(s) Surveyed: 16/5/2006

10/P/01
 OS Catchment No: 173

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0300	-	4	4	4	3-4*	4
0400	4	-	-	-	-	-
0500	4	3	4	4	4	4

Assessment: Although heavily silted at both locations surveyed, the biota reflected a slight improvement at Kilboy Bridge (0300) on the Potters river in mid-May 2006. Quality was assessed as 'Fair' at both sites at that time.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Kilboy Br	326892	187590	62	WW
0400	Kilbride Br	0	0	62	WW
0500	Castletimon Br	329700	185202	62	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	29	25	100	0	60	15	0	0	17	0	8
0500	14	39	100	0	61	10	0	0	22	0	7

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **REDCROSS****10/R/01**

Tributary of :

OS Catchment No: 174

OS Grid Ref of Confluence: T 279 785

Date(s) Surveyed: 16/5/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	1	3	3	4	4	4
0200	4	-	-	-	-	-
0300	4-5	4	4	4	4	4-5
0400	4	-	-	-	-	-

Assessment: As with the Potter's river (q.v.), the upper Redcross (0100) was very heavily silted in mid-May 2006 but nevertheless the biota there and also at Kilpatrick Bridge (0300) were such as to reflect generally satisfactory conditions.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br in Redcross	325175	183881	62	WW
0200	Br NW of Ballynamona Ho	0	0	62	WW
0300	Kilpatrick Br	326516	181008	62	WW
0400	Scratenagh Br	327800	180300	62	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	41	12	100	0	60	0	0	0	28	0	12
0300	18	22	100	0	57	1	0	0	34	0	9

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **SHANGANAGH**

10/S/01

Tributary of :

OS Catchment No: x1

OS Grid Ref of Confluence: O 261 236

Date(s) Surveyed: 3/5/2006, 10/10/2006

Station Nos.	Biological Quality Ratings (Q Values)							
	1981	1984	1990	1994	1997	2000	2003	2006
0100	3	3	3	-	-	-	-	-
0440	-	-	-	-	-	3-4	-	-
0450	-	-	3	4	-	-	-	-
0460	-	-	-	-	4	3	4	4
0500	4	4	3-4	-	-	-	-	-
0600	4	4	3	3	4	3-4	3-4	3-4
0700	3	3	-	-	-	-	-	-

Assessment: As in 2003, the Shanganagh river was satisfactory at Heron Ford Lane (0460), slightly polluted at Commons Road (0600).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Middle Br Cabinteely Pk	0	0	50	
0440	Enniskerry Rd Br	320788	221814	50	DN
0450	Br N of Ballycorus Lead Wks	0	0	50	
0460	Br SSW of Carns (Heron Ford Lane)	323152	222333	50	DN
0500	Br E of Glebe Ho	0	0	50	DN
0600	At Commons Road	325296	222967	50	DN
0700	u/s Rly Br Shanganagh	0	0	50	

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0440	138	5	100	0	31	33	7	0	26	0	3
0460	73	10	100	0	39	18	3	3	22	0	14
0600	6	33	100	0	30	7	1	33	22	0	7

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **TEMPLERAINY STREAM****10/T/04**

Tributary of :

OS Catchment No: c2

OS Grid Ref of Confluence: T 261 748

Date(s) Surveyed: 16/5/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0300	4	3	3	3*	3	-
0500	3-4	3	3-4	3-4*	3	4

Assessment: An improvement in conditions was indicated at Porter's Bridge (0500) where 'Fair' quality was indicated in mid-May 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Templerainy Br	324849	176603	62	WW
0500	Porter's Br	325702	174770	62	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	43	8	100	0	63	1	0	0	23	0	13
0500	7	14	100	0	63	1	0	1	28	0	8

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **THREE MILE WATER**

10/T/01

Tributary of :

OS Catchment No: 172

OS Grid Ref of Confluence: T 325 874

Date(s) Surveyed: 16/5/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	3-4	3-4	3	3*	-	-
0300	-	-	-	4	4	4
0400	3	-	-	-	-	-
0500	3	3	4	3-4	4	4

Assessment: Quality was assessed as 'Fair' at both locations surveyed on the Three Mile Water in mid-May 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br SW of The Beehive	327704	190276	56	WW
0300	Br S of Ballinteskinn X rds	329353	189832	62	WW
0400	Br SE of Ballinteskinn X-Rds	0	0	62	WW
0500	Br nr Magherabeg	331789	188038	62	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	45	4	100	0	72	11	0	0	17	0	0
0300	34	14	100	0	69	6	0	0	26	0	0
0500	13	27	100	0	56	4	0	0	38	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **VARTRY**
 Tributary of :
 OS Grid Ref of Confluence: T 321 942
 Date(s) Surveyed: 4/5/2006, 5/5/2006

10/V/01
 OS Catchment No: 170

Station Nos.							Biological Quality Ratings (Q Values)				
	1971	1974	1978	1982	1986	1990	1994	1997	2000	2003	2006
0020	-	-	-	-	-	4	-	-	-	-	-
0050	-	-	-	-	5	5	4-5	5	4-5	4	4-5
0100	-	-	5	4-5	5	4-5	4	4	4-5	4	4-5
0150	-	-	-	-	-	-	5	5	4-5	-	-
0200	4	-	5	4-5	5	4	-	-	-	-	-
0300	5	4	5	4-5	5	4	4-5	4	3-4	3-4	3-4

Assessment: Continuing in a satisfactory condition over most of its course but, as in 2003, there were signs of some disturbance in the lower reaches (0300) in May 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0020	Br NW of Ballinastoe Br	0	0	56	WW
0050	Ballinastoe Br	321899	207607	56	WW
0100	Annagolan Br	322155	199221	56	WW
0150	Nun's Cross Br	325753	197804	56	WW
0200	Ashford Br	327046	197398	56	WW
0300	Newrath Br	328602	196685	56	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	230	17	100	0	56	1	29	0	2	0	12
0100	165	64	100	0	56	9	9	1	10	5	11
0150	35	77	100	0	52	12	8	0	12	4	11
0200	19	90	100	0	50	15	6	1	14	3	10
0300	7	103	100	0	51	14	7	1	15	3	10

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

HYDROMETRIC AREA 14 (Barrow)	
AGHALONA	14A02
ATHY STREAM	14A06
AUGHAVAUD	14A04
AUGHNABRISKY	14A05
AUGHNACREW	14A07
BALLYNABOLEY STREAM	14B08
BARROW	14B01
BLACK (BORRIS)	14B06
BLACKWATER (LAOIS)	14B03
BOTHOGE	14B04
BURREN	14B05
CLONCUMBER STREAM	14C17
CROOKED (STRADBALLY)	14C02
CUSHINA	14C04
DAINGEAN	14D06
DOUGLAS (LAOIS)	14D03
DUISKE	14D04
DUNRALLY STREAM	14D05
ENAGHAN STREAM	14E02
ESKER STREAM	14E01
FIGILE	14F01
FUSHOGE	14F03
GLENLAHAN	14G02
# GOWRAN	14G03
GRANEY (LERR)	14G07
GRANGECON STREAM	14G06
GREESE	14G04
LERR	14L01
MONEFELIM	14M03
MOUNTAIN (CARLOW)	14M01
OLD LEIGHLIN STREAM	14O02
OWENASS	14O01
PALATINE STREAM	14P04
POLLMOUNTY	14P03
POWERSTOWN	14P02
SLATE	14S01
STRADBALLY (LAOIS)	14S02
# TRIOGUE	14T01
# TULLY STREAM	14T02

indicates rivers having seriously polluted stretches at time of this survey.

River and Code : **AGHALONA**
 Tributary of : 14B05 BURREN
 OS Grid Ref of Confluence: S 793 730
 Date(s) Surveyed: 22/8/2006

14/A/02
 OS Catchment No: 183

Station Nos.	Biological Quality Ratings (Q Values)								
	1980	1982	1985	1989	1993	1997	2000	2003	2006
0050	-	-	-	2-3	3	-	-	-	-
0100	2	3	3	3	3	3	3	-	3-4
0150	-	-	-	3-4	3-4	3	3-4	3-4*	3-4
0200	4	3-4	4	4	3	3	3-4	3-4	3-4

Assessment: Excessive weed and siltation and a lack of sensitive invertebrates indicated less than satisfactory conditions at the locations surveyed on the Aghalona in 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	.	280900	179700	61	CW
0100	Friarstown Br	280461	177301	61	CW
0150	Grangeford Br (u/s side)	281537	175144	61	CW
0200	Br nr Moatalusha House	280896	172839	61	CW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	80	17	100	0	47	0	0	0	53	0	0
0150	73	21	100	0	38	0	0	2	60	0	0
0200	63	28	100	0	35	0	0	2	63	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **ATHY STREAM**

14/A/06

Tributary of : 14B01 BARROW

OS Catchment No: 183

OS Grid Ref of Confluence: .

Date(s) Surveyed: 16/8/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1989	1993	1997	2000	2003	2006	
0200	3-4	3-4	3	3-4	3*	3-4	
0300	3	3	-	-	-	-	
0400	-	-	3-4	3-4	3-4	4	
0600	4	4	-	-	-	-	

Assessment: Minor improvements were indicated at both sites surveyed on the Athy Stream in 2006: despite heavy calcification the macroinvertebrate composition indicated a satisfactory quality status at the lower location (0400) but the upper reaches were again excessively silted and weedy.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Inch Br	273616	194684	55	KE
0300	Barkersford Br	270500	195000	0	KE
0400	1st Br d/s Barkersford Br	269696	195791	55	KE
0600	Br just u/s Barrow R	0	0	0	KE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	71	12	32	68	37	0	0	0	61	0	1
0400	62	27	15	85	27	1	0	2	69	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **AUGHVAUD**
 Tributary of : 14B01 BARROW
 OS Grid Ref of Confluence: S 730 378
 Date(s) Surveyed: 30/8/2006

14/A/04
 OS Catchment No: 183

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1993	1997	2000	2003	2006
0300	4	4	-	-	-	-
0400	3-4	4	3-4	4	3-4	-
0600	4	4	4	4	4	4

Assessment: Abundant silted weed and enhanced algal growths indicated some considerable ecological stress at St. Mullins where quality was assessed as just 'Fair' in late August 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Br u/s Turra Br	0	0	0	CW
0400	Turra Br	274449	139854	68	CW
0600	Br at St Mullins	272954	137799	68	CW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	45	23	100	0	62	6	21	0	12	0	0
0600	7	31	100	0	62	4	16	0	18	0	1

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **AUGHNABRISKY**

14/A/05

Tributary of : 14M01 MOUNTAIN (CARLOW)

OS Catchment No: 183

OS Grid Ref of Confluence: S 782 511

Date(s) Surveyed: 29/8/2006, 30/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1993	1997	2000	2003	2006
0200	4	4	3-4	4	-	-
0300	-	-	-	-	5	4
0400	4	4	-	-	-	-
0500	4	4-5	4-5	4	4	4

Assessment: Quality was just 'Fair' at both points surveyed on the Aughnabrisky River in late August 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Scullogue Br	282662	147839	68	WX
0300	Br d/s Scullogue Br	281840	148100	0	CW
0400	Br NE of Knocknamoyle	0	0	0	CW
0500	Br just u/s Mountain R confl	278268	151013	68	CW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	190	4	100	0	4	7	69	0	0	0	21
0500	84	33	100	0	24	8	42	0	15	0	11

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **AUGHNACREW**
 Tributary of : 14P03 POLLMOUNTY
 OS Grid Ref of Confluence: S 767 334
 Date(s) Surveyed: 31/8/2006

14/A/07
 OS Catchment No: 183

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1993	1997	2000	2003	2006
0300	3-4	3-4	3-4	3-4	3	4
0400	3-4	3-4	-	-	-	-
0500	3-4	3-4	3-4	4	4	4

Assessment: Quality was 'Fair' at both locations following a significant improvement at Ballinvegga Bridge (0300) since 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Ballyvegga Br	279119	132617	76	WX
0400	West Br S of Ballywilliam	0	0	0	WX
0500	Br just u/s Pollmounty R confl	276216	134365	76	WX

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	67	14	100	0	63	0	0	0	37	0	0
0500	52	32	100	0	61	0	0	0	39	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BALLYNABOLEY STREAM****14/B/08**

Tributary of : 14B01 BARROW

OS Catchment No: 183

OS Grid Ref of Confluence: S 703 678

Date(s) Surveyed: 24/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1993	1997	2000	2003	2006
0700	4	3-4	3	3-4	3-4	3

Assessment: Some further deterioration was apparent at Orchard Bridge (0700) which was distinctly polluted by watering cattle in August 2006. Cattle access should be restricted to protect streams such as this from the kind of damage apparent at this location.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0700	Orchard Br	270362	167670	61	CW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0700	40	25	55	45	51	0	0	0	49	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BARROW**

14/B/01

Tributary of : 14B01 BARROW

OS Catchment No: 183

OS Grid Ref of Confluence: S 722 388

Date(s) Surveyed: 8/8/2006, 9/8/2006, 10/8/2006, 14/8/2006,
16/8/2006, 17/8/2006, 22/8/2006, 23/8/2006, 24/8/2006, 28/8/2006,
29/8/2006, 30/8/2006

Station Nos.	Biological Quality Ratings (Q Values)																	
	1971	1973	1974	1975	1976	1978	1979	1980	1982	1986	1989	1991	1994	1997	2000	2003	2005	2006
0050	-	-	-	-	-	-	-	5	5	5	5	-	5	4-5	4-5	4-5	-	4
0100	-	-	-	-	-	-	-	3-4	4-5	4	3	-	3-4	4	4	3-4	-	3
0200	4	-	4	-	-	-	-	4	4	4	3-4	-	3-4	4	4	3-4	-	4
0300	4-5	-	3-4	-	-	-	-	5	-	4	4	-	4	3-4	4	4	-	4
0400	5	-	3-4	-	3-4	4	-	5	-	4	4	-	-	-	-	-	-	-
0500	3-4	-	3-4	-	3	3-4	-	4	-	4	4	-	3-4	3-4	3-4	3-4	-	3-4
0550	-	-	-	-	-	-	-	-	-	-	3-4	-	-	-	-	-	-	-
0600	4	-	3-4	-	4	3-4	-	4	-	4	4	-	4	4	3-4	3-4	-	3-4
0700	4	-	4	-	-	4	-	4	4	4-5	4-5	-	4	4	4	4	-	3-4
0760	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-
0800	4	-	-	-	-	2-3	-	3-4	-	4	4	-	4	-	-	-	-	-
0850	-	-	-	-	-	-	-	-	-	-	-	-	-	3-4	-	-	-	-
0900	4	-	4-5	-	2-3	3-4	-	4	4	4	4	-	4	3-4	3-4	3-4	-	3-4
1000	4-5	-	4-5	-	4-5	-	-	4	-	4-5	4	-	4	3-4	3-4	4	-	3-4
1200	4-5	-	4-5	-	-	-	-	5	-	4	3	-	3	-	-	-	-	-
1300	-	-	-	-	-	-	-	4	-	4-5	3-4	-	4	-	3-4	3-4	-	3
1400	5	-	5	-	-	-	-	4	-	4	4	-	4	4	4	4	-	4
1500	-	-	-	-	-	-	-	4	4	4	4	-	4	3-4	3-4	4	-	3-4
1590	-	-	-	-	-	-	-	-	-	-	-	-	-	3-4	3-4	3-4	-	-
1600	1-2	-	3	-	1-2	1-2	-	3	3-4	4	3-4	-	3-4	-	-	-	-	-
1800	1	-	1-2	-	1-2	1-2	-	4	4	4	4	-	3-4	-	-	-	-	-
1900	1	-	2	-	2-3	2	-	4	4	4	4	-	4	3-4	4	4	-	4
2000	1-2	-	2	-	-	2	-	3	3-4	3-4	3	-	4	3-4	4	4	-	-
2150	-	-	-	-	-	-	-	-	3-4	4	4	-	4	-	-	-	-	-
2200	3-4	-	2-3	-	-	3	-	-	-	-	-	-	-	-	3	4	-	3-4
2400	2	-	2	-	2	2	-	-	2	1	-	-	-	-	-	-	-	-
2450	-	-	-	-	-	-	-	-	3	3-4	4	-	3	3	3	3	-	-
2455	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
2500	2	3	-	-	2	-	-	3	3	3-4	3-4	-	-	-	-	-	-	-
2600	3	-	3	-	3-4	2	-	3-4	3	3	3-4	-	3-4	3	3	3-4	-	4
2680	-	-	-	-	-	-	-	-	-	-	-	-	-	3-4	3-4	4	-	4
2700	4	-	-	4	4	4	-	3	3-4	3-4	3	-	3	-	-	-	-	-
2750	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	-	-
2800	4	-	-	4	-	-	3-4	3	3-4	3-4	3	-	3	-	-	-	-	-
2900	4	-	-	4	-	-	3-4	3	2-3	2-3	2-3	-	3	3-4	3-4	4	-	4
2910	4	-	-	4	-	-	3-4	-	-	3-4	3-4	-	4	4	3-4	3-4	-	4
3000	-	-	-	-	-	-	-	4	4	3-4	3-4	-	3-4	3-4	4	3-4	-	4
3100	4-5	-	-	4	-	-	4	4	4	4	3	-	3-4	-	-	3-4	-	3-4
3300	4-5	-	-	4-5	-	-	3-4	4	4-5	4	4	-	4	-	-	3-4	-	4
3500	4	-	-	3-4	-	-	4	4	4	4	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4
3600	4	-	-	-	-	-	4	-	4	4	-	-	-	-	-	-	-	-

Assessment: As in previous years, water quality in the Barrow was nowhere better than 'Fair' and for more than a third of sites surveyed it was somewhat less than that because of marked eutrophication and in many cases heavy siltation also. More intense pollution was apparent at two locations viz. Rearyvalley (0100) and below Monasterevin (1300) but a significant improvement was recorded below Carlow (2450/55) where conditions were assessed as satisfactory (Q4) in August 2006: this is the first time since surveys began (in 1971) that a satisfactory rating was achieved at this location and reflects a very significant improvement in waste treatment at Carlow wastewater treatment plant.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Tinnahinch Br	235155	210490	54	LS
0100	Ford S of Rearyvalley	236128	213025	54	LS
0200	Ballyclare Br	238591	214722	54	LS
0300	Twomile Br	242280	211786	54	LS
0400	Bay Br	0	0	54	LS
0500	Borness Br	246396	209279	54	LS
0550	Br SE of Hammerlane	0	0	54	OF
0600	Portnahinch Br	249067	210029	54	OF
0700	Kilnashown Br	251371	210753	54	LS
0760	Barrow Br	253997	212626	55	LS
0800	1km d/s Portarlinton	0	0	55	LS
0850	D/s Portarlinton STW (RHS)	256216	212270	55	LS
0900	Ford S of Trascaan	258196	212310	55	LS
1000	Pass Br	262277	210933	55	KE
1200	1km d/s Monasterevan Br	0	0	55	KE
1300	Ford E of Fisherstown House	263295	205798	55	LS
1400	Dunrally Br	263649	201794	55	LS
1500	Bert Br	265925	196929	55	KE
1590	u/s Athy at Boat Club	268061	194455	55	KE
1600	Athy Br	0	0	55	KE
1800	Ardreigh Lock	0	0	55	LS
1900	Tankardstown Br	270366	188203	61	LS
2000	Maganey Br	271712	184733	61	LS
2150	Weir near Knockbeg College	0	0	61	LS
2200	New Br 1km u/s Carlow Br	272007	177797	61	LS
2400	1.5km d/s Graigue Br	0	0	61	LS
2450	Footbridge Dolmen Hotel	270638	174158	61	LS
2455	Br at Dolmen Hotel	270638	174158	0	LS
2500	d/s Clogrennan Lock	0	0	61	LS
2600	Milford Br	269917	170497	61	CW
2680	Cardinal Moran Br	269482	166332	61	CW
2700	Leighlinbridge	269067	165467	61	CW
2750	At Island nr Killinane Ho	269534	163800	61	CW
2800	u/s Bagenalstown	270355	163054	61	CW
2900	Royal Oak Br (LHS)	268937	161444	61	CW
2910	Royal Oak Br (RHS)	268937	161444	61	CW
3000	Fenniscourt Lock	269757	159377	68	CW
3100	Goresbridge (100m u/s on LHS)	268437	153717	68	KK
3300	Ballyteigelea Br	271000	150410	0	KK
3500	Graiguenamanagh Br	270973	143540	68	KK
3600	St Mullins	0	0	68	KK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	105	18	100	0	15	55	21	0	2	0	8
0100	83	35	88	12	29	38	24	0	4	0	6
0200	80	58	57	43	43	24	22	0	5	0	6
0300	77	94	41	59	57	15	15	0	8	0	4
0500	70	207	36	64	60	10	11	1	13	0	6
0600	69	343	22	78	58	8	10	3	16	0	5
0700	69	385	19	81	58	8	9	3	16	0	6
0760	69	405	18	82	59	8	8	3	16	0	7
0850	69	417	18	82	59	8	8	3	16	0	6
0900	66	420	18	82	59	8	8	3	16	0	6
1000	59	1064	9	91	53	5	19	2	14	0	7
1300	58	1118	9	91	53	4	18	2	15	0	7
1400	57	1212	8	92	53	5	17	2	17	0	7
1500	56	1566	8	92	53	4	14	2	20	0	6
1590	55	1575	8	92	53	4	14	2	21	0	6
1900	52	1695	8	92	51	4	13	2	24	0	6
2000	49	1708	8	92	51	4	13	2	24	0	6
2200	49	2070	17	83	52	3	10	2	27	0	5
2450	49	2255	23	77	52	3	10	2	28	0	5
2600	50	2312	23	77	52	3	9	2	28	0	5
2680	40	2373	23	77	52	3	9	2	28	0	5
2700	40	2376	23	77	53	3	9	2	28	0	5
2750	39	2398	22	78	53	3	9	2	28	0	5
2800	39	2398	22	78	53	3	9	2	28	0	5
2900	34	2418	23	77	53	3	9	2	28	0	5
2910	34	2418	23	77	53	3	9	2	28	0	5
3000	30	2437	22	78	53	3	9	2	28	0	5
3100	26	2566	22	78	54	3	8	2	28	0	5
3500	12	2779	27	73	54	3	9	2	27	0	5

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BLACK (BORRIS)**

14/B/06

Tributary of : 14M01 MOUNTAIN (CARLOW)

OS Catchment No: 183

OS Grid Ref of Confluence: S 728 480

Date(s) Surveyed: 29/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1993	1997	2000	2003	2006
0200	3-4	3	-	-	-	-
0300	3	3-4	-	-	-	-
0700	-	-	4-5	4	4	4
0900	4	4	-	-	-	-
1000	-	-	4-5	4	4	-
1300	4	4	-	-	-	4-5
1380	-	-	4-5	4-5	4	-
1400	4	4	-	-	-	-

Assessment: Continuing satisfactory where surveyed.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Coolnacuppage Br. (SW of Ballynakill)	276000	158900	68	CW
0300	Aghline Br	275800	156700	68	CW
0700	Corries Br	274968	155827	68	CW
0900	Dunroe Br	274100	154700	68	CW
1000	Aghnamannoge Br	273428	154565	68	CW
1300	Kilcloney Br	273109	152749	68	CW
1380	1.2 km u/s Br in Borris	273295	151081	68	CW
1400	Br in Borris	273400	150000	68	CW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0700	72	32	100	0	55	2	5	0	32	0	5
1000	64	40	100	0	54	2	4	0	35	0	5
1380	46	46	100	0	54	1	4	0	36	0	4

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BLACKWATER (LAOIS)**

14/B/03

Tributary of : 14O01 OWENASS

OS Catchment No: 183

OS Grid Ref of Confluence: N 433 057

Date(s) Surveyed: 8/8/2006, 9/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1993	1997	2000	2003	2006
0400	-	-	3-4	-	-	-
0500	3-4	3-4	-	-	-	-
0800	-	-	-	4-5	4	3-4
0900	3	3-4	4	-	-	-
1000	3-4	3-4	3-4	3-4	3-4	4

Assessment: A textbook example of avoidable ecological damage by watering cattle, manure deposition and substratum churning - was seen at Station 0800 on the Blackwater (Laois) in August 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Br SE of Camcloon	239802	202485	54	LS
0500	Br SW of Clonygowan	0	0	0	LS
0800	Br nr Clontyglass	242797	202551	54	LS
0900	SW of Clonsoghey	243988	203232	54	LS
1000	Blackwater Br	243586	205685	54	LS

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	113	2	100	0	72	0	0	0	28	0	0
0800	89	6	46	54	72	0	0	0	27	0	1
0900	82	32	15	85	54	3	6	0	27	0	9
1000	78	39	14	86	58	3	6	0	25	0	9

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BOTHOGE**
 Tributary of : 14G04 GREESE
 OS Grid Ref of Confluence: S 794 936
 Date(s) Surveyed: 17/8/2006

14/B/04
 OS Catchment No: 183

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1993	1997	2000	2003	2006
0100	3	3	3/0	3	3-4	4
0200	3/0	3	-	-	-	-
0300	3/0	3-4	3/0	3-4	3-4	4

Assessment: Here again unrestricted cattle access poses a threat to the recently achieved satisfactory ecological status of this small stream.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Rathtoole Br	282675	192892	55	WW
0200	Ballycore Br	0	0	0	WW
0300	Br to S of Timolin	279928	193235	55	KE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	128	8	100	0	67	4	0	0	29	0	0
0300	91	32	100	0	76	2	0	0	22	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BURREN**
 Tributary of : 14B01 BARROW
 OS Grid Ref of Confluence: S 717 765
 Date(s) Surveyed: 22/8/2006, 23/8/2006

14/B/05
 OS Catchment No: 183

Station Nos.	Biological Quality Ratings (Q Values)							
	1976	1980	1984	1989	1993	1997	2003	2006
0020	-	-	-	4-5	4-5	4-5	4-5	4-5
0060	-	-	-	3	4	2-3	3	3
0080	-	-	-	4	4	-	-	-
0100	-	5	4	4	4	4	4	3-4
0200	-	5	4	4-5	4	3-4	3-4	4
0300	-	4	4	4	4	3-4	4	3-4
0400	4	4	4	4	3-4	3	3-4	3-4
0485	-	-	-	-	-	-	3-4	3-4
0490	-	-	-	-	-	3	-	-
0500	4	4	4	4	3-4	-	-	-
0510	-	-	3	4	3-4	-	-	-

Assessment: Despite a minor improvement at Ballintrane Bridge (0200), all but the uppermost location (Coolsnaghta, 0020) on the the Burren continued to show the symptoms of severe eutrophication and in most cases heavy siltation was also apparent. More marked pollution was recorded at Milltown Bridge (0060) which is situated downstream of a trout farm. Overall situation continues to be unsatisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0020	Burren Br Coolasnaghta	281929	156877	68	CW
0060	Milltown Br	278822	158784	68	CW
0080	Garryhill Br	0	0	0	CW
0100	Ullard Br	279287	162876	61	CW
0200	Ballintrane Br	279706	167716	61	CW
0300	Rathoe Br	280786	171368	61	CW
0400	Staplestown Br	275361	174616	61	CW
0485	Ring Rd Br Carlow (d/s side)	272308	176362	0	CW
0490	Shopping Centre Br Carlow	272115	176502	61	CW
0500	Burren Br (RHS)	0	0	0	CW
0510	Burren Br (LHS)	0	0	0	CW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0020	164	6	100	0	41	13	47	0	0	0	0
0060	108	16	100	0	55	11	19	0	9	0	6
0100	86	39	100	0	51	5	8	0	31	0	5
0200	81	61	100	0	49	4	5	0	39	0	3
0300	65	84	100	0	48	3	4	0	43	0	2
0400	58	160	100	0	44	1	2	0	51	0	1
0490	50	180	90	9	46	1	2	3	48	0	1

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CLONCUMBER STREAM**

14/C/17

Tributary of : 14S01 SLATE

OS Catchment No: 183

OS Grid Ref of Confluence: N 723 233

Date(s) Surveyed: 31/7/2006

Station Nos.	Biological Quality Ratings (Q Values)				
	1993	1997	2000	2003	2006
0100	-	3	3*	3-4*	-
0200	3-4	3-4	3*	3-4	3

Assessment: Heavy siltation and a very impoverished macroinvertebrate fauna produced a biotic index consistent with significant ecological disruption in this stream in late July 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br at Wheelam Crossroads	275661	217505	55	KE
0200	Old River Br (W)	274410	220978	49	KE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	79	32	9	91	48	0	0	19	17	0	16
0200	76	44	13	87	51	2	3	14	18	0	12

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CROOKED (STRADBALLY)**

14/C/02

Tributary of : 14S02 STRADBALLY (LAOIS)

OS Catchment No: 183

OS Grid Ref of Confluence: S 569 957

Date(s) Surveyed: 15/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1993	1997	2000	2003	2006
0200	4	4-5	4	3-4	4	4-5
0400	4	4	-	-	4	-
0600	4	4	3-4	3	3*	3-4
0800	-	-	3-4	3-4	3-4	3
0900	4	3-4	-	-	-	-

Assessment: Despite very low water levels in mid August 2006 the biota at Station 0200 indicated that the upper reaches of the Crooked River continued to be in a satisfactory quality condition. Further downstream, however, unsatisfactory conditions were indicated by the absence of sensitive macroinvertebrates, the excessive weed growth and the very heavy siltation at Station 0600 and particularly at 0800.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br W of Luggacurren	258598	188759	61	LS
0400	Blue Br	0	0	0	LS
0600	Timogue Br	255408	193702	55	LS
0800	2nd Br u/s Stradbally R confl	256041	194795	55	LS
0900	Pole's Br	256990	195585	0	LS

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	131	5	0	100	89	0	0	0	11	0	0
0600	91	28	0	100	73	6	0	0	19	0	2
0800	87	31	0	100	72	6	0	0	21	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CUSHINA**
 Tributary of : 14F01 FIGILE
 OS Grid Ref of Confluence: N 607 157
 Date(s) Surveyed: 3/8/2006

14/C/04
 OS Catchment No: 183

Station Nos.	Biological Quality Ratings (Q Values)							
	1980	1985	1989	1993	1997	2000	2003	2006
0050	-	-	3-4	3-4	3	3-4	3	-
0080	-	-	3-4	3-4	3	4-5	4	3-4
0100	4	4	4-5	4-5	3-4	4	4	4

Assessment: The uppermost station (0050) was not surveyed in 2006 because of the presence of a bull in the field. As indicated by the very heavy siltation and the excessive weed and algal growths at Kelly's Bridge (0080), the middle reaches, although slightly improved since 2003, were slightly polluted. The lower reaches had recovered to a 'Fair' quality status.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Br NE of Clonygowan	248590	216504	54	OF
0080	Kelly's Br	253351	216341	55	OF
0100	Cushina Br	255960	216138	55	OF

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	77	16	0	100	72	4	4	0	15	0	5
0080	69	27	0	100	75	3	2	0	12	0	8
0100	63	69	0	100	62	3	16	0	11	0	9

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DAINGEAN**
 Tributary of : 14F01 FIGILE
 OS Grid Ref of Confluence: N 605 238
 Date(s) Surveyed: 1/8/2006, 2/8/2006

14/D/06

OS Catchment No: 183

Station Nos.	Biological Quality Ratings (Q Values)									
	1981	1984	1986	1989	1990	1993	1997	2000	2003	2006
0100	3-4	3-4	3-4	2-3	-	3	3	2-3	2-3	2-3
0200	3	3	3	2	2	2-3	2-3	2	3	2-3
0400	1	2	3	2/0	2	3-4	3	3	3	3-4
0520	-	-	3-4	3	-	3	3-4	3	3-4	3
0600	-	3	3-4	-	-	-	-	4	3	3

Assessment: Once again all the indications were of an unsatisfactory quality situation throughout the Daingean River in 2006. Dissolved Oxygen readings of 29 and 45 percent of saturation, at Stations 0100 and 0200 respectively, reflected considerable organic pollution in the upper reaches of the river while the absence or virtual absence of sensitive species plus excessive weed and/or algal growths indicated significant eutrophication in the middle and lower reaches of the river.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Island Br	247785	226932	48	OF
0200	Br d/s Island Br	248366	227674	48	OF
0400	Br E of Mount Lucas House	252621	227635	49	OF
0520	Nr Esker Br	255720	227107	49	OF
0600	1 km u/s Figile R confl	259791	223342	49	OF

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	75	28	0	100	50	0	37	0	6	0	6
0200	77	35	0	100	58	0	30	2	5	0	5
0400	72	47	0	100	58	0	26	2	5	0	8
0520	69	50	0	100	60	0	26	2	5	0	8
0600	70	159	0	100	51	3	29	1	6	0	10

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DOUGLAS (LAOIS)**

14/D/03

Tributary of : 14B01 BARROW

OS Catchment No: 183

OS Grid Ref of Confluence: N 714 825

Date(s) Surveyed: 21/8/2006, 22/8/2006

Station Nos.	Biological Quality Ratings (Q Values)								
	1976	1980	1984	1989	1993	1997	2000	2003	2006
0040	-	-	-	-	-	-	-	-	4
0050	-	5	4-5	4-5	4	-	-	-	-
0080	-	-	-	-	-	4-5	3-4	3-4	-
0090	-	-	-	4-5	4	-	-	-	-
0100	-	4	4	4	4-5	4-5	4	4	4-5
0200	-	4	3	3-4	3-4	3-4	3-4	3-4	4
0300	4	3	3	3-4	3	4	3	3-4*	-

Assessment: Satisfactory at each of the three sites surveyed in 2006. Some damage by watering cattle was apparent at Shanragh Bridge (0040) in the upper reaches and the river was inaccessible at Grange Bridge (0300) at that time.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0040	Shanragh Br (Br u/s Wandersford Br)	260882	184658	0	LS
0050	Wandersford Br	0	0	0	LS
0080	Br d/s Wandersford Br	264191	185620	61	LS
0090	Br u/s Gale's Br	0	0	0	LS
0100	Gale's Br	265901	186004	61	LS
0200	Br d/s Gale's Br (Coolanagh)	268890	183898	61	LS
0300	Grange Br	271097	182299	61	LS

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0080	86	16	0	100	83	0	0	0	16	0	1
0100	70	41	0	100	79	2	0	0	18	0	1
0200	58	46	0	100	80	1	0	0	18	0	0
0300	50	72	0	100	74	1	0	0	25	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DUISKE**
 Tributary of : 14B01 BARROW
 OS Grid Ref of Confluence: S 708 437
 Date(s) Surveyed: 30/8/2006

14/D/04
 OS Catchment No: 183

Station Nos.	Biological Quality Ratings (Q Values)								
	1980	1982	1985	1989	1993	1997	2000	2003	2006
0050	-	-	-	4	4	-	-	-	-
0100	4	4	3-4	3-4	4	4	4	4-5	4
0200	2	3	3	3-4	4	3	3	3	4

Assessment: Considerably improved in Graiguenamanagh (0200) since 2003 and, despite unrestricted cattle access, continuing satisfactory in the upper reaches (0100).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Br near Raheendonore	0	0	0	KK
0100	Aghclare Br	268452	144414	68	KK
0200	Br in Graiguenamanagh	270911	143520	68	KK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	64	10	100	0	65	12	7	0	12	0	5
0200	12	24	100	0	68	7	4	2	16	0	4

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DUNRALLY STREAM**

14/D/05

Tributary of : 14B01 BARROW

OS Catchment No: 183

OS Grid Ref of Confluence: N 634 023

Date(s) Surveyed: 15/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1993	1997	2000	2003	2006
0100	-	-	3-4	3-4	3-4	3-4
0200	4	3	4	3-4	3-4	4
0400	3-4	4	3-4	3-4	3*	4

Assessment: Following significant improvements at two locations (0200, 0400) the indications are that this clear, hard-water stream was in a mostly satisfactory condition in mid-August 2006. Excessive weed growth at Station 0100 indicated some slight ecological imbalance in the upper reaches at that time.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br WNW of Garrymaddock	256358	202544	55	LS
0200	Br NNE of Rossmore Crossroads	258197	203911	55	LS
0400	Br u/s Barrow R confl	262941	202614	55	LS

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	76	19	0	100	56	0	0	5	39	0	0
0200	65	26	0	100	57	1	0	4	38	0	1
0400	60	62	0	100	43	9	1	2	40	0	4

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **ENAGHAN STREAM**

14/E/02

Tributary of : Coolnagillagh Stream

OS Catchment No: 183

OS Grid Ref of Confluence: N 531 168

Date(s) Surveyed: 3/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1993	1997	2000	2003	2006
0100	-	-	-	3*	-	-
0300	4-5	4	4	4	4	4

Assessment: Macroinvertebrate composition indicated 'Fair' quality at Lord's Bridge in the lower reaches of the Eneghan Stream in 2006. Some attempt at weed control was indicated by the yellowed, burnt looking condition of the emergent macrophytes at this location.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	(East) Br W of Garrymona	250199	219521	54	OF
0300	Br u/s Coolnagillagh Str confl	253125	216747	55	OF

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	77	2	0	100	59	0	30	4	3	0	3
0300	68	30	0	100	57	4	18	0	14	0	6

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **ESKER STREAM****14/E/01**

Tributary of : 14D06 DAINGEAN

OS Catchment No: 183

OS Grid Ref of Confluence: N 558 271

Date(s) Surveyed: 1/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1993	1997	2000	2003	2006
0100	3	3-4	4	4-5	3-4	-
0200	3	4	4-5	4	3-4	3

Assessment: Extreme eutrophication and heavy siltation reflected significant disturbance at Esker Bridge in early August 2006. Unsatisfactory and had further deteriorated since 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Newtown Br	252987	228548	49	OF
0200	Esker Br	255900	227294	49	OF

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	75	32	0	100	66	2	19	0	6	0	7
0200	70	62	0	100	63	2	18	0	8	0	8

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **FIGILE**

14/F/01

Tributary of : 14B01 BARROW

OS Catchment No: 183

OS Grid Ref of Confluence: N 618 114

Date(s) Surveyed: 1/8/2006, 2/8/2006, 10/8/2006, 28/6/2006,
31/7/2006

Station Nos.	Biological Quality Ratings (Q Values)											
	1975	1976	1979	1986	1989	1990	1993	1994	1997	2000	2003	2006
0010	-	-	-	-	2-3	-	3	-	-	-	-	-
0050	-	-	-	-	2	1-2	2	1	1/0	1-2	2	2-3
0100	-	-	-	3-4	3-4	-	3-4	-	2	3	3	3-4
0200	-	-	-	3-4	3	-	3-4	-	3	3-4	3-4	3-4
0300	3-4	4	4	4	4	-	-	-	3-4	4-5	4	4
0400	-	-	-	4	4	-	4	-	3-4	3-4	3-4	3-4
0500	-	4	5	4	4	-	4	-	3-4	4	4	3-4
0600	-	-	5	4	4	-	4	-	-	-	-	3-4

Assessment: Although somewhat improved since 2003, the Figile River remained in an unsatisfactory condition over most of its course as a consequence of continuing heavy pollution in its upper reaches (DO 52% at Station 0050) and excessive eutrophication generally in 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0010	Br SW of Killeaskin	0	0	0	KE
0050	Br S of Ticknevin Br	269695	230157	49	KE
0100	Cushaling Br	265101	225853	49	OF
0200	Kilcumber Br	261057	226788	49	OF
0300	Br in Clonbulloge	260979	223490	49	OF
0400	Derrygarran Br	261891	220896	49	OF
0500	Ardra Br	259556	217964	55	OF
0600	1 km u/s Barrow R confl	262373	212078	0	LS

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	80	11	0	100	47	0	35	1	7	0	10
0200	69	80	0	100	27	1	60	0	8	0	4
0300	67	247	0	100	44	2	39	0	7	0	8
0400	66	261	0	100	45	2	39	0	7	0	7
0500	60	291	0	100	46	2	36	0	7	0	9

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **FUSHOGE**
 Tributary of : 14B01 BARROW
 OS Grid Ref of Confluence: S 696 736
 Date(s) Surveyed: 24/8/2006

14/F/03
 OS Catchment No: 183

Station Nos.	Biological Quality Ratings (Q Values)								
	1976	1980	1986	1989	1993	1997	2000	2003	2006
0050	-	-	-	-	-	4	4-5	4	4-5
0100	-	-	-	4	4	-	-	-	-
0200	-	4	4	4	4	-	-	-	-
0220	-	-	-	-	-	3-4	3-4	4-5	4
0250	-	-	-	4-5	3-4	-	-	-	-
0290	-	-	-	-	-	-	-	4	4
0300	4	4	4	4	4	3-4	3	-	-

Assessment: Despite extremely low water levels and heavy siltation at two points (0050, 0290) the biota reflected satisfactory water quality conditions at each of the three locations surveyed in late August 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Strand Br	265441	180437	61	LS
0100	1 km SE of Ballickmoyler	0	0	0	LS
0200	Curragh Br	0	0	0	LS
0220	Ballykillen Br	269302	177210	61	LS
0250	Br S of Crockaun	0	0	0	LS
0290	Fushoge Br	269650	173950	0	LS
0300	Clogrenan Br	269679	173962	61	LS

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	95	8	0	100	100	0	0	0	0	0	0
0220	59	23	0	100	95	0	0	0	5	0	0
0300	49	40	0	100	89	3	0	0	4	0	5

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENLAHAN**
 Tributary of : 14B01 BARROW
 OS Grid Ref of Confluence: N 347 110
 Date(s) Surveyed: 3/8/2006

14/G/02
 OS Catchment No: 183

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0300	4-5	4-5	4-5	4-5	4	4

Assessment: Continuing 'Fair' quality. Water levels were very low in the Glenlahan River and indeed in all rivers surveyed in August 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Clarahill Br	234580	210808	54	LS

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	100	11	100	0	21	32	43	0	0	0	4

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GOWRAN**
 Tributary of : 14B01 BARROW
 OS Grid Ref of Confluence: S 682 540
 Date(s) Surveyed: 28/8/2006

14/G/03
 OS Catchment No: 183

Station Nos.	Biological Quality Ratings (Q Values)									
	1976	1980	1985	1989	1990	1993	1997	2000	2003	2006
0010	-	-	-	4	-	-	-	-	-	-
0020	-	-	-	2-3	-	4	4-5	3	2	4-5
0050	-	5	3	2-3	-	3-4	4	4	4	3-4
0100	-	-	-	4	-	4	3	3	3-4	3-4
0200	4	4	4	4	-	3	-	-	-	-
0220	-	-	-	-	-	-	3	4	3	4
0300	-	-	-	4	-	4	3	3	3	3-4
0400	-	-	3-4	2	2-3	3	3	3	2-3	2

Assessment: Marked improvements in quality were evident at Frenystown (0020) and again downstream of Gowran (0220) in August 2006: conditions were satisfactory at both of these points but elsewhere there was evidence of considerable eutrophication accompanied by heavy siltation and damage by watering cattle. The North channel was seriously polluted in the vicinity of Red Mill (0400) where heavy deposits of sludge covered the substratum and oil contamination was also recorded at the time of this survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0010	Br SE of Ossoryhill	0	0	0	KK
0020	Br E of Frenystown	259800	159235	67	KK
0050	Br S of Blanchvillespark	260907	155563	68	KK
0100	Br at W side of Gowran	262853	153090	68	KK
0200	Goat's Br	0	0	0	KK
0220	1st Br d/s Goat's Br	265443	153327	68	KK
0300	Br N of Goresbridge (S Channel)	268220	153896	68	KK
0400	Br at Red Mill (N Channel)	268153	154292	68	KK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0020	130	7	0	100	97	3	0	0	0	0	0
0050	77	17	0	100	96	1	0	0	1	0	1
0100	57	30	0	100	76	1	0	0	23	0	1
0220	43	39	0	100	75	1	0	2	21	0	0
0300	27	42	0	100	74	1	0	3	23	0	0
0400	30	0	0	100	56	0	0	0	44	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GRANEY (LERR)**

14/G/07

Tributary of : 14L01 LERR

OS Catchment No: 183

OS Grid Ref of Confluence: S 784 850

Date(s) Surveyed: 18/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1993	1997	2000	2003	2006
0100	3	3	3	3	-	-
0200	3	4	3-4	3	3	3-4
0310	4	4	4	3	3-4	3-4

Assessment: Although somewhat improved this stream was in a highly eutrophic condition at Graney (0200) and also at the location surveyed in its lower reaches (0310) in mid-August 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Miller's Br	284414	185411	61	WW
0200	Br in Graney	281714	183963	61	KE
0310	Just u/s Lerr R confl	278523	184979	61	KE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	113	6	100	0	86	0	0	0	14	0	0
0200	93	19	100	0	76	0	0	0	23	0	1
0310	72	63	100	0	59	0	0	0	39	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GRANGECON STREAM**

14/G/06

Tributary of : 14G04 GREESE

OS Catchment No: 183

OS Grid Ref of Confluence: S 833 978

Date(s) Surveyed: 16/8/2006, 17/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1993	1997	2000	2003	2006
0100	4-5	4	4	3-4	4	4
0400	4	4	4	-	3-4	4

Assessment: Quality was 'Fair' at both locations surveyed on the Grangecon Stream in August 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Ard sillish Br	286270	195494	55	WW
0400	Br SE of Ballynure	283600	196700	55	WW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	146	8	100	0	86	3	0	0	11	0	0
0400	N/A	2	100	0	40	34	0	0	26	0	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GREESE**

14/G/04

Tributary of : 14B01 BARROW

OS Catchment No: 183

OS Grid Ref of Confluence: S 712 830

Date(s) Surveyed: 16/8/2006, 16/9/2006, 17/8/2006, 21/8/2006

Station Nos.	Biological Quality Ratings (Q Values)								
	1976	1980	1985	1989	1993	1997	2000	2003	2006
0040	-	-	-	3-4	4	3-4	-	-	-
0050	-	-	-	-	-	-	3	3	2-3
0070	-	-	-	1	2-3	2	2	3	2-3
0100	-	4	4	4	4	3-4	3	3-4	3-4
0200	-	4	3-4	3	3-4	3	3	3	3-4
0300	-	4	3-4	3	3-4	-	-	-	-
0350	-	4	3-4	3-4	4	3-4	3	3	3
0400	-	4	3	3-4	4	3-4	3-4	3	3-4
0500	-	4	4	4	3-4	3-4	3	3	-
0600	4	4	3-4	4	3-4	3-4	3-4	3-4	3-4

Assessment: As indicated by the very heavy siltation, the biological status and the oxygen values recorded at Stations 0050 and 0070 (47%, 32% respectively), the upper Greese was in a significantly polluted condition at the time of this survey in August 2006. Downstream, although somewhat improved since 2003 below Ballitore (0200) and Kilkea (0400) the excessive algal and/or weed growths indicated considerable ongoing eutrophication at these and the other locations surveyed.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0040	N Br Naas Rd Dunlavin	287400	202200	55	WW
0050	Br NE of Milltown	286377	201613	55	WW
0070	Br NW of Cross Keys	286164	201087	55	WW
0100	Spratsstown Br	282424	198042	55	KE
0200	Br nr Greese Bank	279834	195747	55	KE
0300	Moone Br	0	0	0	KE
0350	Br NE of Belan House	277550	190633	55	KE
0400	Kilkea Br	274554	188305	61	KE
0500	Br W of Castleroe Crossroads	272928	184954	61	KE
0600	Greese Br u/s Barrow R confl	271695	182946	61	KE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0040	N/A	3	100	0	98	0	0	0	2	0	0
0050	136	7	100	0	91	0	0	5	3	0	0
0070	132	10	100	0	93	0	0	4	2	0	0
0100	107	35	100	0	75	3	0	5	18	0	0
0200	95	51	100	0	74	2	0	3	20	0	0
0350	79	105	98	2	73	1	0	2	24	0	0
0400	69	129	88	12	66	1	0	2	31	0	0
0500	59	134	87	13	64	1	0	2	32	0	0
0600	50	138	86	14	63	1	0	2	34	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **LERR**
 Tributary of : 14B01 BARROW
 OS Grid Ref of Confluence: S 714 815
 Date(s) Surveyed: 18/8/2006, 21/8/2006

14/L/01
 OS Catchment No: 183

Station Nos.	Biological Quality Ratings (Q Values)								
	1976	1980	1985	1989	1993	1997	2000	2003	2006
0080	-	-	-	-	-	3-4	3	3-4	3-4
0100	-	4	4	4	4	-	-	-	-
0150	-	-	-	3	3	3	-	-	-
0155	-	-	-	-	-	-	3	3	4
0200	-	4	4	3-4	3	-	-	-	-
0250	-	-	-	3-4	3-4	3-4	3	3	3-4
0300	4-5	4	4	4	3-4	3-4	3	3	3-4

Assessment: Although somewhat improved generally since 2003, just one of the four locations surveyed (0155) on the Lerr River in 2006 could be regarded as of a satisfactory biological quality status: although acceptable on biological criteria this location would be of less than 'Good' status on hydromorphological terms because of the considerable substratum and bank damage caused by large numbers of cattle with unrestricted access.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0080	E Br Castledermot	278562	185386	61	KE
0100	Br S of Castledermot	0	0	0	KE
0150	Br E of Woodlands House	276825	184177	61	KE
0155	Agric Br S of Woodlands House	276782	184109	61	KE
0200	Br W of Prumplestown House	275934	183183	0	KE
0250	Ballaghmoon Br	274255	181486	61	KE
0300	Lerr Br	271808	181498	61	KE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0080	73	26	100	0	51	0	0	0	46	0	3
0150	68	70	100	0	55	0	0	1	42	0	2
0155	68	70	100	0	56	0	0	1	42	0	2
0250	56	103	98	2	50	0	0	1	48	0	1
0300	50	112	95	5	50	0	0	0	49	0	1

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **MONEFELIM**
 Tributary of : 14B01 BARROW
 OS Grid Ref of Confluence: S 685 555
 Date(s) Surveyed: 25/8/2006

14/M/03
 OS Catchment No: 183

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1993	1997	2000	2003	2006
0100	4	4	5	4-5	4-5	4
0300	-	-	5	4-5	5	-
0600	4	4	-	-	-	3-4
0800	-	-	3	4	3-4	-
0900	4	3-4	-	-	-	-
1000	4	4	3	4	3-4	4

Assessment: Turbid waters and heavy substratum siltation indicated likely dredging or land disturbance upstream of Castlewarren Bridge (0100) in late August 2006. Both downstream locations surveyed were adversely impacted by watering cattle (manure deposition, substratum churning) but as with the uppermost location, the biota at the lower site (1000) were not yet significantly affected. However, dense algal growths indicated substantial eutrophication in the Garryduff area (0600) at that time.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Castlewarren Br	261047	160893	61	KK
0300	Br SE of Ballyvalden (100m d/s)	262946	158668	68	KK
0600	Br SW of Garryduff Crossroads	264223	157768	0	KK
0800	Br d/s Monefelim Br	266584	156494	68	KK
0900	Barraghcore Br	0	0	0	KK
1000	Br u/s Barrow R confl (d/s side)	268471	155575	68	KK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	145	10	0	100	73	1	0	0	0	0	26
0300	80	15	0	100	76	1	0	0	0	0	24
0800	41	49	0	100	75	2	0	1	11	0	11
1000	29	55	0	100	73	2	0	1	14	0	10

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **MOUNTAIN (CARLOW)**

14/M/01

Tributary of : 14B01 BARROW

OS Catchment No: 183

OS Grid Ref of Confluence: S 733 499

Date(s) Surveyed: 29/8/2006

Station Nos.	Biological Quality Ratings (Q Values)							
	1980	1984	1989	1993	1997	2000	2003	2006
0020	-	-	4	4	4	4	5	4
0040	-	-	4	4	-	-	-	-
0050	-	4-5	4-5	4-5	4-5	4	4-5	-
0070	-	-	4-5	4-5	5	4	5	4
0100	5	4-5	4-5	4-5	-	-	-	-
0200	5	4	3-4	4	4-5	4	-	-

Assessment: The two sites surveyed were assessed as just 'Fair' in 2006, a significant deterioration since 2003: the upper site (0020) is obviously used as a tip.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0020	Br u/s Killedmond Br	279559	152135	68	CW
0040	Just u/s Aughnabriskey R confl	0	0	0	CW
0050	Br W of Killedmond	276930	151603	68	CW
0070	Brook Lodge	274424	151004	68	CW
0100	Ballycoppigan Br	273437	149877	68	WD
0200	Just u/s Barrow R confl	272969	149751	68	CW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0020	120	6	100	0	15	27	43	0	7	0	8
0050	62	38	100	0	26	7	37	0	20	0	11
0070	45	45	100	0	33	6	31	0	19	0	11
0100	35	52	100	0	37	5	27	0	22	0	9
0200	33	102	100	0	47	3	15	1	28	0	7

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OLD LEIGHLIN STREAM**

14/O/02

Tributary of : 14B01 BARROW

OS Catchment No: 183

OS Grid Ref of Confluence: S 690 647

Date(s) Surveyed: 24/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1993	1997	2000	2003	2006
0300	2-3	3-4	4	3-4	-	-
0400	-	-	4-5	4	-	-
0500	-	-	4-5	-	4-5	4
0700	4	3	4	3-4	3-4	3-4

Assessment: This small stream was in a similar condition to that recorded in 2003 i.e., satisfactory at Station 0500 which is upstream of the (discontinued) Parknakyle Branch but continuing slightly polluted at Madlin Bridge (0700) below this branch.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Ballynolan Br	268347	165090	61	CW
0400	Br in Old Leighlin	265981	165347	61	CW
0500	Br at E side of Old Leighlin	266205	165375	61	CW
0700	Madlin Br	268738	164563	61	CW

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	47	12	0	100	85	6	0	0	4	0	4
0400	83	7	0	100	83	10	0	0	0	0	7
0500	78	7	0	100	84	10	0	0	0	0	6
0700	42	20	0	100	88	4	0	0	5	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENASS**
 Tributary of : 14B01 BARROW
 OS Grid Ref of Confluence: N 462 093
 Date(s) Surveyed: 8/8/2006, 9/8/2006

14/O/01
 OS Catchment No: 183

Station Nos.	Biological Quality Ratings (Q Values)												
	1971	1974	1976	1978	1980	1984	1986	1989	1993	1997	2000	2003	2006
0050	-	-	-	-	5	-	-	4-5	4-5	4-5	4-5	4-5	-
0100	5	5	5	5	5	4-5	4-5	4	4	-	-	-	-
0120	-	-	-	-	-	-	-	-	-	5	5	4-5	3
0180	-	-	-	-	-	-	-	4	3-4	-	-	-	-
0200	5	4-5	4-5	4-5	4	4	4	4	3-4	-	-	-	-
0220	-	-	-	-	-	-	-	3-4	3-4	4	3-4	3-4	3
0300	2	2	1-2	1-2	3	2	3-4	3-4	3-4	3-4	3-4	3-4	2-3

Assessment: Indications were of a widespread overall deterioration throughout the Owenass River which was moderately polluted at three of the four sites surveyed in 2006: the river was dry at Cathole Bridge (0050) where the bedrock was coated with dry, caked mud.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Cathole Br	237703	204894	54	LS
0100	Br W of Barkmill	0	0	0	LS
0120	Fords N of Barkmill	241476	205109	54	LS
0180	Br u/s Blackwater Br	0	0	0	LS
0200	Owenass Br	0	0	0	LS
0220	Br d/s Owenass Br (on N80) .	244907	207330	54	LS
0300	1.7 km d/s Mountmellick	245973	208897	54	LS

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	162	11	100	0	11	35	26	0	3	0	25
0120	89	16	92	8	29	25	19	0	9	0	18
0220	77	78	40	60	52	7	9	0	23	0	9
0300	70	79	39	61	53	7	9	1	22	0	8

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **PALATINE STREAM****14/P/04**

Tributary of : 14L01 LERR

OS Catchment No: 183

OS Grid Ref of Confluence: S 751 819

Date(s) Surveyed: 21/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1993	1997	2000	2003	2006
0100	3	3	-	-	-	-
0200	3	3	4	3	3	3

Assessment: The Palatine Stream was in an unsatisfactory condition at Gorteen Bridge (0200) again in 2006. There were clear signs of ecological disruption with heavy siltation, excessive growths of macroalgae and macrophytes observed.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Palatine Br	0	0	0	KE
0200	Gorteen Br	275836	181622	61	KE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	60	17	100	0	39	0	0	0	61	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **POLLMOUNTY**
 Tributary of : 14B01 BARROW
 OS Grid Ref of Confluence: S 737 352
 Date(s) Surveyed: 30/8/2006, 31/8/2006

14/P/03
 OS Catchment No: 183

Station Nos.	Biological Quality Ratings (Q Values)							
	1980	1984	1989	1993	1997	2000	2003	2006
0100	4	3-4	3-4	3-4	4	4	4-5	4
0200	4	4	4	4	4	4	-	-
0300	4	4	2-3	3	3	3	3-4	3-4

Assessment: Continuing satisfactory at Station 0100 and slightly polluted below a fish-farm in its lowermost reaches (0300).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br N of Ballywilliam	277291	135021	76	WX
0200	750m d/s aughnacrew R confl	275748	135016	76	WX
0300	D/s Aughananagh R confl	274468	135507	76	WX

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	95	5	100	0	61	22	0	0	2	0	15
0200	47	39	100	0	62	4	0	0	32	0	2
0300	17	48	100	0	58	11	1	0	27	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **POWERSTOWN**
 Tributary of : 14B01 BARROW
 OS Grid Ref of Confluence: S 687 523
 Date(s) Surveyed: 29/8/2006

14/P/02
 OS Catchment No: 183

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1993	1997	2000	2003	2006
0200	4	3-4	3-4	3-4	3-4	-
0400	4	4	3-4	3-4	4	4

Assessment: Continuing satisfactory where surveyed. Station 0200 was inaccessible in 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br SE of Powerstown	266638	150792	68	KK
0400	Br u/s Barrow R confl	268492	152047	68	KK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	48	20	67	33	67	5	0	0	25	0	3
0400	31	28	53	47	65	4	0	0	29	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **SLATE**

14/S/01

Tributary of : 14F01 FIGILE

OS Catchment No: 183

OS Grid Ref of Confluence: N 608 163

Date(s) Surveyed: 2/8/2006, 3/8/2006, 31/7/2006

Station Nos.	Biological Quality Ratings (Q Values)									
	1976	1978	1980	1985	1989	1993	1997	2000	2003	2006
0020	-	-	-	-	2-3	2-3	3	2-3	2	3
0050	-	-	-	-	3	3	3	3	2-3	3
0100	4	5	4-5	3-4	3	3	3	3	3	3
0150	-	-	-	-	-	-	3-4	3-4	3-4	3-4
0200	3-4	4	4	3-4	4	3-4	-	-	-	-
0210	1	3	4	4	3	3	3-4	3-4	3-4	3
0300	3-4	4-5	4	3-4	4	4	-	4	4	3-4

Assessment: Although no longer seriously polluted at Quigley's Bridge (0020), indications at Ford and Agar Bridges (0050, 0100) were that the upper half of the Slate River was moderately polluted/hypertrophic in 2006. The lower river was slightly polluted at Rathangan (0150) and at River Bridge (0300) and, following a slight deterioration, moderately polluted just below Rathangan (0210). In summary none of the locations surveyed indicated satisfactory quality conditions.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0020	Quigley's Br	278790	226708	49	KE
0050	Ford Br	276170	225422	49	KE
0100	Agar Br	270325	221669	49	KE
0150	E Br Rathangan (Opp Church)	267595	219555	55	KE
0200	100 m u/s Br nr Spencer Br	0	0	0	KE
0210	100 m d/s Br nr Spencer Br	266578	219142	55	KE
0300	River Br	261457	216703	55	OF

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0020	78	19	0	100	55	0	23	4	12	0	6
0050	76	46	3	97	49	6	26	5	11	0	3
0100	70	143	10	90	49	3	21	7	15	0	5
0150	71	172	9	91	47	4	21	6	17	0	5
0210	69	172	9	91	47	4	21	6	17	0	5
0300	60	215	9	91	49	3	18	5	20	0	5

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **STRADBALLY (LAOIS)**

14/S/02

Tributary of : 14B01 BARROW

OS Catchment No: 183

OS Grid Ref of Confluence: S 631 995

Date(s) Surveyed: 15/8/2006, 16/8/2006

Station Nos.	Biological Quality Ratings (Q Values)								
	1976	1980	1984	1989	1993	1997	2000	2003	2006
0030	-	-	-	-	-	4	4-5	4	4
0040	-	-	-	4	4	-	-	-	-
0050	-	5	4	3-4	4	-	-	-	-
0100	-	4	3-4	3-4	4	3-4	3-4	3	4
0200	-	4	4	4	4	-	-	-	-
0300	3-4	4	3-4	3	3	-	-	-	-
0350	-	4	3-4	3-4	3-4	3	3-4	3	3-4
0400	-	4	3	4	4	3-4	3-4	3-4	3-4

Assessment: Following a significant improvement at Station 0100, indications were of satisfactory conditions in the river upstream of Stradbally and, although also somewhat improved below the town, indications were that the lower river was in slightly polluted/eutrophic condition in mid-August 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0030	Br NW of Ballintlea	253181	189624	61	LS
0040	Upstream Br Timahoe	0	0	0	LS
0050	Br on Portlaoise Rd Timahoe	0	0	0	LS
0100	Br nr Bauteoge	255244	193990	55	LS
0200	Stradbally Br	0	0	0	LS
0300	Dowlings Br (in Brockley Park)	0	0	0	LS
0350	Br WNW of Ballykilevan Ho	259624	197163	55	LS
0400	Br nr Camac Aqueduct	261383	199088	55	LS

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0030	133	8	0	100	74	4	0	0	21	0	1
0100	94	36	0	100	63	5	0	0	32	0	0
0350	70	90	0	100	58	6	0	1	33	0	2
0400	60	95	0	100	58	6	0	1	33	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **TRIOGUE**
 Tributary of : 14B01 BARROW
 OS Grid Ref of Confluence: N 474 098
 Date(s) Surveyed: 9/8/2006, 10/8/2006

14/T/01
 OS Catchment No: 183

Station Nos.	Biological Quality Ratings (Q Values)												
	1971	1974	1978	1980	1981	1984	1986	1989	1993	1997	2000	2003	2006
0060	-	-	-	-	-	-	-	3	3	3	3-4	3	3
0100	5	4	4-5	4	4	4	4-5	4	4	4	3-4	3	3
0200	1	1-2	1	1	1	2	2	2-3	3	2	2	-	2
0300	3	2-3	2-3	3-4	1-2	2	2-3	2-3	3	2	2-3	3	2-3
0400	-	-	-	-	-	-	-	3	3-4	3	3	3	3

Assessment: The Triogue was polluted at all points surveyed in August 2006: agriculture is suspected as the most likely source of the moderate pollution recorded at both locations surveyed upstream of Portlaoise (0060, 0100) while sewage is considered to be the main factor causing the serious pollution just below the town at Kyle Bridge (0200) and the moderate pollution at the two lower stations (0300, 0400).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0060	Cush Br	247100	193900	54	LS
0100	Br 1.6 km u/s Portlaoise	247861	197129	54	LS
0200	Kyle Br	246374	200499	54	LS
0300	Br near Eyne	247474	204196	54	LS
0400	Br u/s Barrow R confl	247579	207414	54	LS

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	93	29	0	100	60	10	4	2	18	0	6
0200	87	46	0	100	53	9	3	14	18	0	4
0300	75	85	0	100	57	7	3	9	21	0	4
0400	71	99	0	100	58	6	2	8	21	0	3

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **TULLY STREAM**

14/T/02

Tributary of : 14B01 BARROW

OS Catchment No: 183

OS Grid Ref of Confluence: N 637 024

Date(s) Surveyed: 9/8/2006, 14/8/2006

Station Nos.							Biological Quality Ratings (Q Values)				
	1981	1986	1987	1988	1989	1990	1993	1997	2000	2003	2006
0100	4	4	-	-	3-4	-	3	3	3	3-4	3
0200	2	2	2	2	2	2	2-3	2	2	2-3	2-3
0300	4	2	2	2	3	-	3	2-3	2-3	1-2	2
0390	-	-	-	-	-	-	-	-	2-3	2	2
0400	3-4	2-3	-	2-3	3	-	3	3	-	-	-
0500	4	3	-	-	3	-	3-4	3	3	3	3
0600	-	4	-	-	3-4	-	4	3-4	4	4	3-4

Assessment: As in 2003, the Tully Stream was in an unsatisfactory condition everywhere surveyed in August 2006. Polluted groundwater seems the most likely cause of the unsatisfactory condition at Kildare (0100) with suspected sewage contributing at Station 0200. Sewage is suspected as the most likely cause of the serious pollution at Kilberrin and Soomeragh Bridges (0300, 0390) and of the eutrophication of the lower reaches (0500, 0600).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br nr Tully House	273434	210936	55	KE
0200	500 m d/s Br near Tully Ho	273386	210508	55	KE
0300	Kilberrin Br	271724	207883	55	KE
0390	Soomeragh Br	270955	206649	55	KE
0400	Br u/s Nurney	271268	205987	55	KE
0500	Br d/s Cherrymills Br	268191	204332	55	KE
0600	Cloney Br	265497	201233	55	KE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	86	0	0	100	10	0	0	0	90	0	0
0300	75	43	2	98	59	4	5	12	11	0	9
0390	74	44	2	98	58	4	5	11	13	0	9
0400	73	45	2	98	58	4	5	11	13	0	9
0500	62	65	1	99	55	4	6	8	22	0	6
0600	59	195	16	84	54	2	6	5	28	0	5

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

HYDROMETRIC AREA 16 (Suir: Balance of Survey)

Partial Survey in 2005, Balance of survey in 2006.

AHERLOW	16A01
ARA	16A03
AUGHNAGLANNY	16A05
BLACK STREAM (CASHEL)	16B05
# BORRISOLEIGH STREAM	16B06
BURNCOURT	16B04
CLODIAGH (TIPPERARY)	16C02
DUAG	16D03
FARNEYBRIDGE	16F02
FIDAGHTA	16F01
FISHMOYNE	16F03
GLASHA (WATERFORD)	16G01
GLENBOY	16G03
GLENGALLA	16G05
HALFWAY HOUSE STREAM	16H02
MULTEEN	16M02
MULTEEN (EAST) *	16M08
NIER	16N01
OUTERAGH STREAM	16O01
OWENBEG (TIPPERARY)	16O02
ROSSADREHID STREAM	16R06
SHANBALLY	16S01
TAR	16T01
THONOGE	16T02

indicates rivers having seriously polluted stretches at time of this survey.

* MULTEEN (EAST) Previously reported as Multeen 16M02

River and Code : **AHERLOW**
 Tributary of : 16S02 SUIR
 OS Grid Ref of Confluence: S 035 280
 Date(s) Surveyed: 22/6/2006, 23/6/2006

16/A/01
 OS Catchment No: 182

Station Nos.	Biological Quality Ratings (Q Values)											
	1971	1974	1976	1977	1980	1985	1988	1993	1996	1999	2002	2006
0040	-	-	-	-	-	-	-	4	4	4	4	4
0060	-	-	-	-	-	-	4	4	-	-	-	-
0080	-	-	-	-	-	-	-	-	4-5	4	3-4	4
0100	-	-	-	-	4	4	4	4	-	-	-	-
0160	-	-	-	-	-	-	4	4-5	-	-	-	-
0200	-	-	4	-	4	4	3	4	4	4	3	3-4
0300	-	-	-	-	4	4	3-4	4	4	4	4	4
0400	-	-	5	-	5	5	4	4	-	-	-	-
0500	-	-	-	-	5	5	4-5	4-5	4	4	4	4
0600	-	-	-	-	4	4-5	4	4	4	4	3-4	3-4
0700	-	-	4-5	-	4	5	4	4-5	4	4	4	4
0800	-	-	5	-	4	4	4	4-5	4	4-5	4	4
0900	4	4	4-5	4	4	4-5	4-5	4	4	4	4	4

Assessment: Mostly satisfactory with improvement, since previous survey, at two locations.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0040	Ballymahony Br	179669	121974	73	LK
0060	Br E of Ballyfauskeen Crossroads	0	0	73	LK
0080	Br SW of Keeloges	179796	125045	73	LK
0100	Br SW of Ardrahin	0	0	0	LK
0160	Second Ford d/s 0100	0	0	0	LK
0200	Galbally Br	181027	127755	74	LK
0300	Stagdale Br	184343	128727	74	TY
0400	New Br	0	0	0	TY
0500	Br u/s College Br	188768	129807	74	TY
0600	College Br	191787	130328	66	TY
0700	Ashgrove Br	195110	129405	74	TY
0800	Cappa Old Br	199349	129333	74	TY
0900	Killardry Br	201667	129489	74	TY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0040	150	16	100	0	77	11	3	0	0	0	9
0080	125	35	100	0	71	6	14	0	2	0	7
0200	99	58	86	14	81	4	8	0	2	0	4
0300	87	68	84	16	79	5	9	0	2	0	5
0500	71	106	82	18	70	6	14	0	1	0	9
0600	65	121	79	21	69	6	13	0	1	0	12
0700	59	149	78	22	62	8	16	0	1	0	14
0800	50	174	74	26	60	10	16	0	1	0	12
0900	47	273	56	44	69	10	11	1	1	0	8

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **ARA**
 Tributary of : 16A01 AHERLOW
 OS Grid Ref of Confluence: S 002 296
 Date(s) Surveyed: 30/5/2006

16/A/03
 OS Catchment No: 182

Station Nos.	Biological Quality Ratings (Q Values)												
	1971	1974	1976	1979	1981	1983	1985	1988	1992	1996	1999	2003	2006
0100	-	-	-	-	-	-	-	3-4	3	3	3	3-4	3-4
0200	-	4-5	4	3-4	3-4	3-4	3-4	3-4	3-4	3	3-4	3-4	4
0300	2	1	1	1	3	3	2-3	3	3	3	1-2	3	3
0400	1	1	1	1	3	3	3	3	3	-	-	-	-
0440	-	-	-	-	-	-	-	3	3-4	3	3	3-4	4
0500	-	-	-	3-4	3-4	3-4	4	3	3-4	3-4	3	3-4	3-4
0600	2	3	3-4	3-4	3-4	3-4	4	3-4	3	3-4	3	3	3-4
0700	-	-	-	4	4	4	4	4	3-4	3-4	3-4	3-4	3-4

Assessment: Satisfactory at two locations which represents improvement since previous survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bohereenbuee Br	184792	134548	66	TY
0200	Br just u/s Tipperary	188215	135268	66	TY
0300	1 km d/s Tipperary nr Railway Br	189740	135160	66	TY
0400	Br nr Cordangan Manor	0	0	0	TY
0440	Br NE of Lacken	192434	133849	66	TY
0500	Bansha Br	195556	133145	66	TY
0600	Ara Br, 2.8 km d/s Bansha	197459	131994	66	TY
0700	Ara Br, u/s Aherlow R confl	199233	130224	66	TY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	103	31	13	87	99	0	1	0	0	0	0
0200	89	42	10	90	98	0	1	1	0	0	0
0300	83	44	9	91	95	0	1	4	0	0	0
0440	73	69	14	86	88	6	0	3	1	0	1
0500	61	75	19	81	87	8	0	3	1	0	1
0600	56	84	19	81	87	7	0	3	1	0	1
0700	52	87	19	81	87	6	0	3	2	0	1

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **AUGHNAGLANNY**

16/A/05

Tributary of : 16M02 MULTEEN

OS Catchment No: 182

OS Grid Ref of Confluence: R 994 470

Date(s) Surveyed: 7/6/2006

Station Nos.	Biological Quality Ratings (Q Values)								
	1977	1980	1985	1988	1992	1996	1999	2003	2006
0100	4-5	5	5	4-5	4-5	4	4-5	4-5	4-5

Assessment: Continuing satisfactory with high ecological quality.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Victoria Br	199031	148463	66	TY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	98	13	100	0	67	23	0	0	10	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BLACK STREAM (CASHEL)**

16/B/05

Tributary of : 16S02 SUIR

OS Catchment No: 182

OS Grid Ref of Confluence: S 038 408

Date(s) Surveyed: 31/5/2006

Station Nos.	Biological Quality Ratings (Q Values)									
	1978	1980	1985	1986	1988	1989	1993	1999	2002	2006
0100	1-2	2	2	3	2	2-3	3	2-3	2-3	2-3

Assessment: Continuing unsatisfactory due to moderate pollution. .

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br 0.5 km u/s Suir R confl	204523	141143	66	TY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	66	9	0	100	77	0	0	0	23	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BORRISOLEIGH STREAM**

16/B/06

Tributary of : 16F03 FISHMOYNE

OS Catchment No: 182

OS Grid Ref of Confluence: S 042 639

Date(s) Surveyed: 17/7/2006

Station Nos.	Biological Quality Ratings (Q Values)							
	1980	1981	1988	1992	1996	1999	2003	2006
0200	-	-	-	-	4	4	4	4
0400	-	-	4	4	4	4	4	3-4
0600	3	4	3	2-3	2-3	3	3	2
0700	-	-	3-4	3	3	3	3-4	3

Assessment: Mostly unsatisfactory with slight, moderate and serious pollution recorded. The serious pollution resulted from sewage discharges at Borrisoleigh with carry-over effects to the final location.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br NE of Ballyduff	198737	166942	59	TY
0400	Ballyroan Br	202057	167348	59	TY
0600	Br 0.5 km SE of Borrisoleigh	203439	166401	59	TY
0700	Br u/s Fishmoyne R confl	204086	164008	59	TY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	168	4	100	0	69	0	0	0	31	0	0
0400	110	11	100	0	74	0	0	0	26	0	0
0600	97	14	93	7	77	0	0	2	20	0	0
0700	86	25	71	29	83	0	0	2	15	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BURNCOURT**
 Tributary of : 16S01 SHANBALLY
 OS Grid Ref of Confluence: R 974 177
 Date(s) Surveyed: 17/8/2006

16/B/04
 OS Catchment No: 182

Station Nos.	Biological Quality Ratings (Q Values)					
	1988	1992	1996	1999	2002	2006
0100	4-5	4-5	5	4-5	4	4-5
0300	4-5	4-5	4-5	4	4-5	4-5

Assessment: Continuing satisfactory with high ecological status recorded at both locations.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Glengarra Br	193130	118732	74	TY
0300	Burncourt Old Br	195409	118024	74	TY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	104	14	100	0	0	24	41	0	2	0	32
0300	72	22	86	14	17	18	41	0	2	0	22

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CLODIAGH (TIPPERARY)**

16/C/02

Tributary of : 16S02 SUIR

OS Catchment No: 182

OS Grid Ref of Confluence: S 063 503

Date(s) Surveyed: 20/7/2006, 21/7/2006

Station Nos.	Biological Quality Ratings (Q Values)								
	1976	1980	1986	1988	1992	1996	1999	2003	2006
0040	-	-	-	5	4	4	4	4-5	4-5
0070	-	-	-	4-5	4-5	-	-	-	-
0080	-	-	-	-	-	5	4-5	4-5	4-5
0100	-	5	4-5	4-5	4	-	-	-	-
0200	-	-	-	4-5	4	4-5	4	4	3-4
0300	5	5	4-5	4-5	4	-	-	-	-
0400	5	5	4	4	4	3-4	4	4	4
0500	-	-	-	4-5	4-5	-	-	4	-
0600	5	5	4-5	4-5	4	4	4	4	4

Assessment: Mostly satisfactory but with deterioration at Drumminagleagh Bridge since previous survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0040	Gorteenabarna Br	198173	165027	59	TY
0070	Br W of Rathcardan	0	0	0	TY
0080	Pallas Br	202241	163820	59	TY
0100	Annfield Br	0	0	0	TY
0200	Drumminagleagh Br	204512	159766	66	TY
0300	Ballyoughter Br	0	0	0	TY
0400	Derrymore Br	205008	154453	66	TY
0500	Rathkennan Br	0	0	0	TY
0600	1.5 km d/s Rathkennan Br	204862	151371	66	TY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0040	154	27	100	0	75	2	10	0	5	0	8
0080	102	36	100	0	80	1	7	0	5	0	6
0200	84	121	65	34	83	2	2	0	10	0	3
0400	76	189	66	34	85	2	1	0	8	0	3
0600	73	252	49	51	86	2	1	0	9	0	3

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DUAG**
 Tributary of : 16T01 TAR
 OS Grid Ref of Confluence: S 014 145
 Date(s) Surveyed: 2/8/2006

16/D/03
 OS Catchment No: 182

Station Nos.	Biological Quality Ratings (Q Values)					
	1988	1992	1996	1999	2002	2006
0100	4	4	4	4	4-5	4
0300	3	3-4	-	-	-	-
0400	-	-	4	4	4	4
0600	3-4	4	-	-	-	-
1100	4-5	4-5	4	3-4	3-4	4

Assessment: Satisfactory at the three locations representing improvement at one (1100) since previous survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br u/s Ballyporeen	191954	112644	74	TY
0300	Ford ESE of Ballyporeen	0	0	0	TY
0400	Br 2 km d/s Ballyporeen	195133	113029	74	TY
0600	Ford S of Carrigmore Crossroads	0	0	0	TY
1100	Br at S end of Clogheen	200375	113616	74	TY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	89	16	54	46	90	2	0	0	2	0	6
0400	71	38	57	43	78	6	3	1	2	0	11
1100	50	66	65	35	58	13	17	1	1	0	11

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **FARNEYBRIDGE****16/F/02**

Tributary of : 16C02 CLODIAGH (TIPPERARY)

OS Catchment No: 182

OS Grid Ref of Confluence: S 054 543

Date(s) Surveyed: 2/8/2006, 20/7/2006, 21/7/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1988	1989	1992	1996	1999	2003	2006
0100	3-4	-	3-4	-	-	-	-
0200	2	2-3	3	3	3	3	3
0300	2-3	3	3	-	-	-	-
0500	3	-	3	3	3	3	3-4
0600	3	-	4	4	4	4	3-4
0700	3-4	-	4	4	4	4-5	4-5

Assessment: Overall deterioration since previous survey with only one location satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br E of Ballypatrick	207140	164835	0	TY
0200	Br ENE of The Rag	206715	163105	59	TY
0300	Br SE of The Rag	207215	161800	0	TY
0500	Ballynahow Br	208602	159682	66	TY
0600	Farney Br	206679	157893	66	TY
0700	Just u/s Clodiagh R confl	205460	154326	66	TY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	95	9	0	100	75	0	0	0	25	0	0
0500	85	23	0	100	83	2	0	0	13	0	2
0600	78	45	0	100	88	1	0	0	10	0	2
0700	75	53	0	100	86	1	0	0	11	0	1

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **FIDAGHTA**
 Tributary of : 16S02 SUIR
 OS Grid Ref of Confluence: S 013 314
 Date(s) Surveyed: 31/5/2006

16/F/01
 OS Catchment No: 182

Station Nos.	Biological Quality Ratings (Q Values)									
	1976	1977	1981	1985	1988	1992	1996	1999	2003	2006
0100	-	-	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4
0200	-	3-4	4	3-4	3-4	3-4	3-4	3-4	3-4	3-4
0300	4-5	-	3-4	4	4	3	3	4	4	3-4

Assessment: Unsatisfactory at all three locations representing deterioration at the final one since previous survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br nr Aughnagawer X Rds	195733	135009	66	TY
0200	Fidaghta Br	198492	133344	66	TY
0300	Kilnacask Br	200736	131700	66	TY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	66	23	0	100	94	0	0	3	3	0	0
0200	56	46	1	99	90	0	0	1	8	0	0
0300	51	50	1	99	90	0	0	1	8	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **FISHMOYNE****16/F/03**

Tributary of : 16C02 CLODIAGH (TIPPERARY)

OS Catchment No: 182

OS Grid Ref of Confluence: S 043 638

Date(s) Surveyed: 17/7/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1988	1992	1996	1999	2003	2006
0040	-	-	3	3	3-4	3
0080	4	4	-	-	-	-
0200	4	4	4	4	4	4
0300	4	3-4	3-4	4	4	3-4

Assessment: Unsatisfactory at two of the three locations representing deterioration since previous survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0040	Br NW of Drom	206082	169044	59	TY
0080	Br SE of Kilfithmone Crossroads	0	0	0	TY
0200	Rathmoy Br	204815	165661	59	TY
0300	Monroe Br	205071	162559	59	TY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0040	109	13	51	49	84	12	0	0	1	0	3
0200	92	36	45	55	85	5	0	0	7	0	3
0300	85	66	51	49	83	2	0	1	13	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLASHA (WATERFORD)**

16/G/01

Tributary of : 16S02 SUIR

OS Catchment No: 182

OS Grid Ref of Confluence: S 298 232

Date(s) Surveyed: 14/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1988	1992	1996	1999	2003	2006
0200	-	-	4-5	4-5	4-5	4-5
0300	4-5	4-5	-	-	-	-
0400	4-5	4-5	4-5	4	4-5	4-5

Assessment: Continuing satisfactory with high ecological status again recorded at both locations.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Boola Br	227654	119980	75	WD
0300	Glenpatrick Br	0	0	0	WD
0400	Glen Br	230312	122670	75	WD

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	204	5	100	0	2	13	49	0	0	0	35
0400	25	17	100	0	19	39	25	0	2	0	15

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENBOY**
 Tributary of : 16T01 TAR
 OS Grid Ref of Confluence: S 113 139
 Date(s) Surveyed: 17/8/2006

16/G/03
 OS Catchment No: 182

Station Nos.	Biological Quality Ratings (Q Values)					
	1988	1992	1996	1999	2002	2006
0200	4-5	4-5	4-5	4-5	4	4-5

Assessment: Satisfactory at the only location with high ecological status recorded.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Glenboy Br	211635	113607	74	TY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	35	9	89	11	16	8	27	0	17	0	31

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENGALLA**
 Tributary of : 16T01 TAR
 OS Grid Ref of Confluence: S 071 138
 Date(s) Surveyed: 17/8/2006

16/G/05
 OS Catchment No: 182

Station Nos.	Biological Quality Ratings (Q Values)					
	1988	1992	1996	1999	2002	2006
0100	5	5	4-5	5	4-5	4-5

Assessment: Continuing satisfactory with high ecological status again recorded.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Glengalla Br	207215	112962	74	TY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	49	13	100	0	1	36	53	0	0	0	11

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **HALFWAY HOUSE STREAM**

16/H/02

Tributary of : Suir Estuary

OS Catchment No: 184

OS Grid Ref of Confluence: S 659 099

Date(s) Surveyed: 3/8/2006

Station Nos.	Biological Quality Ratings (Q Values)				
	1993	1996	1999	2003	2006
0200	3	3	3-4	3-4	3-4
0300	3	3	3	2	3-4

Assessment: Continuing unsatisfactory at both locations albeit with less severe pollution at one since previous survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br SW of Foxmount	265939	108586	76	WD
0300	Br to NW of Halfway Ho	266003	109661	76	WD

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	22	6	100	0	69	0	0	0	21	0	10
0300	8	8	100	0	70	0	0	0	22	0	8

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **MULTEEN**
 Tributary of : 16S02 SUIR
 OS Grid Ref of Confluence: S 007 395
 Date(s) Surveyed: 8/6/2006

16/M/02
 OS Catchment No: 182

Station Nos.	Biological Quality Ratings (Q Values)								
	1976	1980	1985	1988	1992	1996	1999	2003	2006
0540	-	-	-	4	4	3-4	4	4	4
0600	-	-	-	-	-	3-4	4	4	4
0650	-	-	-	4-5	4-5	-	-	-	-
0700	-	5	5	4-5	4-5	-	-	-	-
0780	-	-	-	-	-	4	4-5	4-5	4-5
0800	5	5	5	4-5	5	-	-	-	-
0900	-	5	-	5	4	4-5	4-5	4-5	4
1000	4-5	4	-	4	4	4	4	4	4
1100	5	4	-	4	4	4	4	4	4

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0540	Metal Br	191884	153031	66	TY
0600	1 km S of Inchinsquillib	191291	149635	66	TY
0650	Br just u/s Glasheenreagha R conf	0	0	0	TY
0700	Ironmills Br	0	0	0	TY
0780	Br SW of Annacarty	191814	145111	66	TY
0800	Hawarden Br	0	0	0	TY
0900	Morpeth Br	194074	141705	66	TY
1000	Ballinaclogh Br	198561	140864	66	TY
1100	Ballygriffin Br	200582	140392	66	TY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0540	178	18	100	0	66	7	2	0	5	0	21
0600	138	26	100	0	66	9	2	0	7	0	16
0780	103	46	100	0	59	14	4	0	14	0	9
0900	82	60	96	4	67	12	3	0	12	0	7
1000	69	76	81	19	73	10	2	0	10	0	5
1100	63	162	75	25	71	10	2	0	12	0	4

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **MULTEEN (EAST)**

16/M/08

Tributary of : 16M02 MULTEEN

OS Catchment No: 182

OS Grid Ref of Confluence:

Date(s) Surveyed: 7/6/2006

Previously reported as Multeen 16M02

Station Nos.	Biological Quality Ratings (Q Values)								
	1976	1980	1985	1988	1992	1996	1999	2003	2006
0300	-	5	4-5	5	4-5	4	3-4	4	4
0500	5	5	5	4-5	4-5	4	4	4	4

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Clonedarby Br	200142	149225	66	TY
0500	Aughnagross Br	199098	141307	66	TY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	95	34	100	0	51	6	4	0	33	0	6
0500	70	84	71	29	69	11	2	1	15	0	3

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **NIER**
 Tributary of : 16S02 SUIR
 OS Grid Ref of Confluence: S 147 139
 Date(s) Surveyed: 19/7/2006

16/N/01
 OS Catchment No: 182

Station Nos.	Biological Quality Ratings (Q Values)							
	1976	1983	1988	1992	1996	1999	2002	2006
0010	-	-	-	-	4-5	4	4-5	4-5
0030	-	-	4	4-5	-	-	-	-
0070	-	-	5	5	4	4	4-5	-
0100	-	4-5	4-5	4-5	-	-	-	-
0200	-	-	4-5	4-5	4	4	4	4
0300	-	4-5	4-5	5	-	-	-	-
0400	5	5	4-5	4-5	4-5	4	4	4

Assessment: Continuing satisfactory at the three locations sampled.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0010	Labatt's Br	224995	113971	75	WD
0030	Birchell's Br	0	0	0	WD
0070	Knockalisheen Br	221406	113499	75	WD
0100	Br ENE of Ballymacarbry	219897	112873	0	WD
0200	Deerpark Br	218512	113573	74	WD
0300	Four Mile Water Br	0	0	0	WD
0400	Ballymakee Br	215032	113697	74	WD

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0010	127	29	100	0	12	1	28	0	0	0	59
0070	79	61	100	0	22	5	26	0	2	0	45
0200	47	81	100	0	26	8	22	0	5	0	38
0400	27	104	97	3	34	8	19	0	7	0	32

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OUTERAGH STREAM**

16/O/01

Tributary of : 16S02 SUIR

OS Catchment No: 182

OS Grid Ref of Confluence: S 054 267

Date(s) Surveyed: 31/5/2006

Station Nos.	Biological Quality Ratings (Q Values)				
	1993	1996	1999	2002	2006
0150	3	3-4	3	3	3
0200	3-4	3-4	3-4	3	3

Assessment: Continuing unsatisfactory with poor ecological status again recorded at the two locations.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0150	Br W of Outeragh	207004	129597	74	TY
0200	Br u/s Suir R confl	206169	127522	74	TY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0150	52	20	0	100	74	0	0	5	22	0	0
0200	45	53	0	100	64	0	0	2	35	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENBEG (TIPPERARY)**

16/O/02

Tributary of : 16C02 CLODIAGH (TIPPERARY)

OS Catchment No: 182

OS Grid Ref of Confluence: S 038 564

Date(s) Surveyed: 14/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1988	1992	1996	1999	2003	2006
0200	-	-	4	4	4	4
0300	4-5	4	-	-	-	-
0400	4-5	4	4	4	4	-
0500	4-5	4-5	-	-	-	-
0700	4-5	4	4	4-5	4	4

Assessment: Continuing satisfactory at both locations with good ecological status again recorded.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br nr Roan	198577	160362	59	TY
0300	NNE of Knockmehil	0	0	0	TY
0400	Br SW of Rossoulty	201652	159248	66	TY
0500	Ford u/s Mulgrave Br	0	0	0	TY
0700	Br u/s Clodiagh R confl	203861	156460	66	TY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	179	7	100	0	60	13	0	0	0	0	27
0400	139	24	100	0	84	5	0	0	3	0	9
0700	81	32	99	1	83	4	0	0	6	0	8

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **ROSSADREHID STREAM**

16/R/06

Tributary of : 16A01 AHERLOW

OS Catchment No: 182

OS Grid Ref of Confluence: S 562 235

Date(s) Surveyed: 23/6/2006

Station Nos.	Biological Quality Ratings (Q Values)			
	1996	1999	2002	2006
0100	4	3-4	3	3-4

Assessment: Continuing unsatisfactory with ecological status suppressed by abundant growths of filamentous algae and a moderate to heavy degree of siltation.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Dromamarka Br	192158	129351	74	TY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	76	7	94	6	11	8	37	0	0	0	45

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **SHANBALLY**
 Tributary of : 16T01 TAR
 OS Grid Ref of Confluence: R 976 178
 Date(s) Surveyed: 17/8/2006

16/S/01
 OS Catchment No: 182

Station Nos.	Biological Quality Ratings (Q Values)					
	1988	1992	1996	1999	2002	2006
0100	4	4	4-5	4-5	4-5	4
0300	5	5	-	-	-	-
0400	4	4	4	4	4	4

Assessment: Satisfactory despite siltation, from road building, at first location causing slight ecological effects.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Caherghaul Br	191145	117798	74	TY
0300	Coolgarranroe Br	0	0	0	TY
0400	Br at Shanbally	195178	116996	74	TY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	111	6	98	2	15	5	45	0	35	0	0
0400	71	24	40	60	67	4	12	0	14	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **TAR**
 Tributary of : 16S02 SUIR
 OS Grid Ref of Confluence: S 115 147
 Date(s) Surveyed: 18/8/2006

16/T/01
 OS Catchment No: 182

Station Nos.	Biological Quality Ratings (Q Values)									
	1976	1977	1981	1986	1988	1992	1996	1999	2002	2006
0030	-	-	-	-	5	4-5	4-5	4-5	4-5	4-5
0100	-	-	5	4-5	4-5	4-5	-	-	-	-
0200	-	4	5	4-5	4	4-5	4	4-5	4-5	-
0300	-	-	4	4-5	4-5	4	-	4-5	3-4	4
0400	-	-	-	-	-	-	4	-	-	-
0420	-	-	-	5	4	4	-	-	-	-
0460	-	-	-	-	-	-	4	4	4-5	4
0500	-	-	5	5	4-5	4-5	-	-	-	-
0600	5	4-5	5	4-5	4-5	4	4-5	4-5	4-5	4

Assessment: Satisfactory throughout despite some siltation, due to road construction works, at the first location. This represents improvement at Clogheen where formerly a sewage discharge was reaching the river.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0030	Br NE of Rossrehill	197052	119717	74	TY
0100	Kilganny Br	0	0	0	TY
0200	Garrymore Br	198509	115639	74	TY
0300	Clogheen Br	200348	114038	74	TY
0400	Nr Ballyboy Ho	202081	114322	74	TY
0420	Br nr Castlegrace Ho	0	0	0	TY
0460	Ford WNW of Kilgroy	205979	114373	74	TY
0500	Goats Br	0	0	0	TY
0600	Ford u/s Tar Br	210542	113401	74	TY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0030	85	10	99	1	3	7	83	0	0	0	6
0200	54	79	53	47	47	9	29	0	7	0	9
0300	47	92	45	55	52	8	25	0	7	0	8
0400	45	165	52	48	54	10	21	0	5	0	9
0460	38	189	51	49	54	10	22	0	5	0	9
0600	32	222	52	48	51	12	22	0	6	0	9

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **THONOGE**
 Tributary of : 16S02 SUIR
 OS Grid Ref of Confluence: S 066 204
 Date(s) Surveyed: 19/7/2006

16/T/02
 OS Catchment No: 182

Station Nos.	Biological Quality Ratings (Q Values)							
	1981	1985	1988	1992	1996	1999	2002	2006
0010	-	-	-	-	4	4	4-5	4
0050	-	4-5	4	4-5	-	-	-	-
0080	-	-	-	-	4	4	4	4
0100	4	4-5	4	4-5	-	-	-	-
0200	4	4-5	4-5	4	4	4	4	4
0300	-	4	-	-	-	-	-	-

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0010	Kilcoran Br	198887	121841	74	TY
0050	Curraghmore Br	0	0	0	TY
0080	Br u/s Ballylooby	200424	119604	74	TY
0100	Ford 0.5 km d/s Ballylooby	0	0	0	TY
0200	East Br, Tubbrid	203450	118142	74	TY
0300	Ballybrada Br	0	0	0	TY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0010	98	9	100	0	1	22	50	0	0	0	27
0080	61	19	70	30	31	21	26	0	1	0	20
0200	46	40	34	66	50	11	13	0	16	0	10

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

HYDROMETRIC AREA 18 (Blackwater (Munster))	
ALLOW	18A02
ARAGLIN (BLACKWATER)	18A03
AWBEG (BUTTEVANT)	18A05
AWBEG (BUTTEVANT) (EAST) *	18A08
AWBEG (BUTTEVANT) (WEST) *	18A09
AWNASKIRTAUN	18A07
BALLARD STREAM	18B10
BALLYCLOGH STREAM	18B08
BEHANAGH	18B01
BLACKWATER (MUNSTER)	18B02
BREGOGE	18B04
BRIDE (WATERFORD)	18B05
BROGEEN	18B06
CLYDA	18C02
COOM	18C03
CRINNAGHTANE	18C07
CULLAVAW STREAM	18C04
CURRAHEEN (CORK)	18C06
DALUA	18D01
DOUGLAS (ARAGLIN)	18D03
DOUGLAS (BRIDE)	18D02
FARAHY	18F01
FARNANE	18F06
FINISK	18F02
FINNOW (BLACKWATER)	18F03
FLESK (BRIDE)	18F04
FUNSHION	18F05
GLASHANABRACK	18G02
GLASHAWEE (ALLOW)	18G03
GLEN (BANTEER)	18G04
GLENABOY	18G05
GLENAKEEFE	18G06
GLENCORRA STREAM	18G15
GLENDINE (BLACKWATER)	18G07
GLENLARA	18G08
GLENNAFALLIA	18G10
GLENSHELANE	18G11
GOISH	18G12
GRADOGE	18G13
KNOPPOGE	18K02
LICKY	18L01
LYRE	18L02
MONAVUGGA	18M01
NAD	18N01
OGEEN	18O01
OWBEG (WATERFORD)	18O02
OWENAGEERAGH	18O03
OWENANARE	18O04

HYDROMETRIC AREA 18 (Blackwater (Munster))

OWENBAUN (RATHCOOL)	18O05
OWENKEAL	18O06
OWENNAGLOO	18O07
OWENNASHAD	18O08
OWENTARAGLIN	18O09
RATHCOOL	18R01
ROSS (KILLAVULLEN)	18R02
SHEEP	18S03
TOURIG	18T03
WATERGRASSHILL STREAM *	18W01

* AWBEG (BUTTEVANT) (EAST) Formerly reported as the East Branch of the Awbeg (Buttevant)

* AWBEG (BUTTEVANT) (WEST) Formerly reported as the West Branch of the Awbeg (Buttevant)

* WATERGRASSHILL STREAM Formerly reported as the South Branch of the Flesk (Bride) 18F04

River and Code : **ALLOW**

18/A/02

Tributary of : 18B02 BLACKWATER (MUNSTER)

OS Catchment No: 190

OS Grid Ref of Confluence: W 385 988

Date(s) Surveyed: 9/8/2006, 10/8/2006

Station Nos.	Biological Quality Ratings (Q Values)												
	1971	1974	1975	1978	1980	1982	1986	1990	1994	1997	2000	2003	2006
0020	-	-	-	-	-	-	-	4-5	4-5	4-5	4-5	4-5	4
0100	5	-	5	5	5	-	4-5	4-5	4-5	4-5	4-5	4-5	4-5
0200	3-4	3-4	4	3	4	-	4	3	4	4	4	4	-
0300	4-5	3	4	3-4	4	4	4	4	4	4-5	4-5	4-5	4-5
0400	-	-	-	-	3-4	3-4	3-4	5	4-5	4-5	4-5	4	-
0490	-	-	-	-	-	3-4	3-4	3-4	3-4	3-4	3-4	3-4	3-4
0600	2	3	2-3	3-4	3-4	3-4	3-4	3-4	4-5	4	4	4	4

Assessment: Continuing satisfactory with the exception of downstream of Kanturk where again slightly polluted due to sewage discharges.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0020	Br nr Rowls Aldworth	131300	116419	72	CK
0100	Raheen Br	136531	115606	72	CK
0200	Allow Br, Freemount	139292	113807	72	CK
0300	John's Br	139481	109832	72	CK
0400	0.5km u/s Kanturk Br	138173	103724	72	CK
0490	1.3km d/s Kanturk Br	138385	101989	72	CK
0600	Leader's Br	138494	98912	79	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0020	193	14	0	100	54	29	10	0	0	0	7
0100	154	47	0	100	57	22	7	0	5	0	9
0200	137	60	0	100	63	17	6	0	5	0	9
0300	113	82	0	100	66	14	4	0	8	0	8
0400	84	123	0	100	69	9	3	0	13	0	6
0490	79	266	0	100	72	8	3	1	10	0	7
0600	69	311	0	100	73	7	3	1	10	0	6

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **ARAGLIN (BLACKWATER)**

18/A/03

Tributary of : 18B02 BLACKWATER (MUNSTER)

OS Catchment No: 190

OS Grid Ref of Confluence: R 845 006

Date(s) Surveyed: 10/7/2006

Station Nos.	Biological Quality Ratings (Q Values)									
	1971	1975	1979	1983	1990	1994	1997	2000	2003	2006
0080	-	-	-	-	4-5	5	4-5	4-5	4-5	4
0100	-	-	5	5	4-5	-	-	-	-	-
0200	-	-	5	5	4-5	5	4-5	4-5	4	4
0250	-	-	-	-	4-5	-	-	-	-	-
0300	-	-	5	5	4	-	-	-	-	-
0350	-	-	-	-	-	4-5	4-5	4	4-5	4
0400	5	5	5	5	-	-	-	-	-	-
0500	-	-	-	-	4	4-5	4-5	4-5	4-5	4-5

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0080	Kingston Br	194609	105971	74	WD
0100	Br in Araglin	192795	106012	74	WD
0200	Elizabeth's Br	190184	105216	74	CK
0250	Br SSW of Billeragh	0	0	74	CK
0300	WSW of Knockatrasnane	0	0	74	CK
0350	Glenfinnish Br is on trib	187237	101833	74	CK
0400	Araglin Br	0	0	74	CK
0500	Coolalisheen Br	184988	100586	74	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0080	107	31	96	4	22	18	41	0	11	0	8
0100	91	42	92	8	34	14	32	0	11	0	9
0200	71	65	90	10	44	13	23	0	7	0	12
0350	39	98	93	7	52	17	15	0	5	0	11
0500	23	127	91	9	49	17	15	0	6	0	13

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **AWBEG (BUTTEVANT)**

18/A/05

Tributary of : 18B02 BLACKWATER (MUNSTER)

OS Catchment No: 190

OS Grid Ref of Confluence: R 693 001

Date(s) Surveyed: 20/9/2006, 25/9/2006, 26/9/2006

Station Nos.	Biological Quality Ratings (Q Values)										
	1971	1975	1979	1981	1985	1990	1994	1997	2000	2003	2006
0550	4-5	-	-	-	-	4	3	3-4	3-4	4	4
0600	4-5	4	2-3	3-4	3	3-4	-	-	-	-	-
0700	-	-	-	-	-	3	3	3	3	3	3
0800	4	4	3-4	3-4	4	3-4	-	-	-	-	-
0900	4-5	5	4	4	3-4	4	3-4	3-4	3-4	3-4	-
0950	-	-	-	-	-	4	-	-	-	-	-
1000	-	-	4	4	3-4	4	3	3	3	3	2-3
1100	4-5	4	4	3-4	4	4	4	4	4	4	-
1200	-	-	4	4	4	4	4	4	4	4-5	-
1250	-	-	-	-	-	4	-	-	-	-	-
1300	4-5	4-5	4	4	4	4	4	4	4	4	3-4

Assessment: Continuing moderately polluted at Buttevant and Doneraile with deterioration also at the final location since previous survey. Emergent vegetation had been chemically treated at the Buttevant site some three weeks prior to sampling. The Awbeg is the only river system in county Cork containing the protected crayfish.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0550	Br d/s Scart Br	152819	114337	73	CK
0600	Br N of Buttevant	0	0	0	CK
0700	Buttevant Old Br	154413	109316	73	CK
0800	1.8km d/s Buttevant Br	0	0	0	CK
0900	Cahermee Br	156713	108220	73	CK
0950	Old Court u/s Doneraile	0	0	0	CK
1000	Br in Doneraile	160317	107512	73	CK
1100	Ballynamona Br	165638	107560	73	CK
1200	Ballywalter Br	167825	105614	73	CK
1250	Castletownroche Br	0	0	73	CK
1300	Kilcummer Br	169093	100477	73	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0550	86	119	21	79	77	8	2	0	11	0	1
0700	80	173	18	82	74	6	2	0	17	0	1
0900	72	189	17	83	72	6	1	1	19	0	1
1000	65	256	21	79	61	9	1	1	23	0	5
1100	54	316	23	77	56	13	2	1	23	0	6
1200	47	335	22	78	55	12	2	1	25	0	6
1300	32	350	21	79	54	11	1	1	27	0	6

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **AWBEG (BUTTEVANT) (EAST)**

18/A/08

Tributary of : 18A05 AWBEG (BUTTEVANT)

OS Catchment No: 190

OS Grid Ref of Confluence: R 522 150

Date(s) Surveyed: 26/9/2006

Formerly reported as the East Branch of the Awbeg (Buttevant)

Station Nos.	Biological Quality Ratings (Q Values)							
	1981	1985	1990	1994	1997	2000	2003	2006
0120	-	-	4	3	3-4	3-4	4	3-4
0160	-	-	3-4	3-4	4	3-4	4	4
0200	3-4	4	4	-	-	-	-	-
0250	-	-	4	3	3-4	3-4	4	4
0280	-	-	4	-	-	-	-	-

Assessment: Slightly polluted at the first location but continuing satisfactory at the other two.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0120	Br S of Ballincarroona	159346	121122	73	LK
0160	Br NW of Pruntus	155224	119941	73	CK
0200	Farran Br	154359	118487	73	CK
0250	Longford Br	153388	116722	73	CK
0280	Br u/s confl with E Branch	0	0	0	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0120	116	13	67	33	56	23	19	0	3	0	0
0160	103	0	0	100	100	0	0	0	0	0	0
0200	98	38	46	54	70	20	7	0	2	0	0
0250	93	48	50	50	71	19	6	1	2	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **AWBEG (BUTTEVANT) (WEST)**

18/A/09

Tributary of : 18A05 AWBEG (BUTTEVANT)

OS Catchment No: 190

OS Grid Ref of Confluence: R 522 150

Date(s) Surveyed: 26/9/2006

Formerly reported as the West Branch of the Awbeg (Buttevant)

Station Nos.	Biological Quality Ratings (Q Values)								
	1979	1981	1985	1990	1994	1997	2000	2003	2006
0300	3	3-4	3	3-4	3-4	3	4	3	3
0400	3	3-4	3	3	3	3	3-4	4	-
0500	3	3-4	3-4	3-4	-	-	-	-	-

Assessment: Continuing moderately polluted at the only location sampled in September 2006 when flooded conditions precluded assessment at Annagh Bridge.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Br E of Snfort	145974	113680	73	CK
0400	Annagh Br	149806	115577	73	CK
0500	Scart Bridge	0	0	0	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	101	14	0	100	82	0	0	0	17	0	1
0400	89	36	0	100	77	0	0	0	22	0	1

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **AWNASKIRTAUN** **18/A/07**
 Tributary of : 18B02 BLACKWATER (MUNSTER) OS Catchment No: 190
 OS Grid Ref of Confluence: W 188 929
 Date(s) Surveyed: 10/5/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	4-5	5	4-5	4-5	4-5	4-5
0300	4	4-5	4	4	4	4

Assessment: Continuing satisfactory at both locations. Hydromorphological work, in the form of reinforcement along left-hand bank at Hollymount Bridge, had taken place since previous survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Hollymount Br	117019	91112	79	CK
0300	Inchibeg Br	118696	92450	79	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	150	14	64	36	15	6	75	0	4	0	0
0300	124	20	46	54	30	4	62	0	3	0	2

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BALLARD STREAM****18/B/10**

Tributary of : 18A03 ARAGLIN (BLACKWATER)

OS Catchment No: 190

OS Grid Ref of Confluence: R 887 048

Date(s) Surveyed: 10/7/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	3-4	-	-	-	-	-
0300	4	-	-	-	-	-
0400	-	4	4	4	3-4	4

Assessment: Reversion to satisfactory conditions at the only location examined which was slightly polluted in 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br u/s E Branch confl	0	0	0	CK
0300	Br u/s W Branch confl	0	0	0	CK
0400	Coolmoohan Br	188630	104709	74	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	61	14	95	5	65	19	0	0	0	0	16

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BALLYCLOGH STREAM**

18/B/08

Tributary of : 18B02 BLACKWATER (MUNSTER)

OS Catchment No: 190

OS Grid Ref of Confluence: W 508 980

Date(s) Surveyed: 11/7/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0050	3	-	-	-	-	-
0100	3	3	3	3	3	3
0300	3	-	-	-	-	-
0400	3	-	-	-	-	-
0500	3	3	3	3	3-4	3-4

Assessment: No change since previous survey with respectively moderately and slightly polluted conditions recorded at the two locations.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Br NNW of Mountnorth	150407	102629	73	CK
0100	East Br, Ballyclogh	149487	101999	73	CK
0300	Br at Rathnee Ho gates	0	0	0	CK
0400	Br W of Gortnagross	0	0	0	CK
0500	Br u/s Blackwater R confl	150744	98109	80	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	79	16	2	98	55	0	0	0	45	0	0
0100	72	22	5	95	56	0	0	0	43	0	0
0500	51	33	3	97	57	1	0	0	42	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BEHANAGH**
 Tributary of : 18F05 FUNSHION
 OS Grid Ref of Confluence: R 856 158
 Date(s) Surveyed: 31/7/2006

18/B/01
 OS Catchment No: 190

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0300	5	5	5	4-5	5	5
0500	5	5	5	4	4	4

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Br NW of Carrigeen	186529	119186	74	LK
0500	Mill Bridge	185896	116142	74	LK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	217	9	100	0	10	1	44	0	0	0	45
0500	106	13	93	7	36	3	30	0	0	0	31

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BLACKWATER (MUNSTER)**

18/B/02

Tributary of :

OS Catchment No: 190

OS Grid Ref of Confluence: X 098 997

Date(s) Surveyed: 24/7/2006, 25/7/2006, 26/7/2006, 27/7/2006,
31/7/2006

Biological Quality Ratings (Q Values)

Station Nos.	1971	1974	1975	1978	1979	1980	1982	1984	1986	1990	1994	1997	2000	2003	2005	2006
0050	5	-	5	-	-	-	-	-	-	4	4	4-5	4	3-4	-	3-4
0060	-	-	-	-	-	-	-	-	-	4	4	4	4	4	-	4
0075	5	-	4-5	-	-	-	-	-	-	4	4	4	4	3-4	-	3-4
0100	-	-	-	-	-	-	-	-	-	4	4	4	4	4	-	-
0200	5	-	5	5	-	5	-	-	4	4	4	4	4-5	4	-	4
0300	4-5	4-5	4	4-5	-	4-5	4-5	4-5	4-5	4	-	-	-	-	-	-
0400	3-4	3	1	3	-	4	3-4	2-3	3	3	4	3-4	4	3-4	-	3-4
0500	-	3-4	3-4	2-3	-	4	-	-	-	4	-	-	-	-	-	-
0600	4-5	4-5	4	4	-	4	-	4	4	4	4	4-5	4-5	4-5	-	4-5
0700	5	-	4-5	-	4	4	-	-	4	4	-	-	-	-	-	-
0750	-	-	-	-	-	-	-	-	-	-	4-5	4-5	4-5	4-5	-	4-5
0800	5	-	5	-	5	4	-	-	4	4	4	4	4-5	4	-	-
0810	5	-	5	-	5	4	-	-	2-3	4	4	4	4-5	4	-	-
0900	-	-	-	-	4-5	4	-	-	4	4-5	5	4-5	4-5	4	-	4-5
1000	5	-	5	-	5	5	-	-	4-5	4-5	4-5	4-5	4-5	4-5	-	4-5
1100	-	-	-	-	5	5	-	-	4-5	4	5	4-5	4	4-5	-	4-5
1200	5	-	5	-	4-5	5	-	-	4-5	4-5	4-5	4-5	4	4	-	4-5
1300	5	-	5	-	4-5	5	-	-	3-4	4	5	4-5	4	4	-	4
1400	5	5	5	4-5	-	5	4-5	4-5	4	4	4	4	4	4	-	4
1450	-	-	-	-	-	-	4	-	-	4	-	-	-	-	-	-
1460	-	-	-	-	-	3-4	3	-	3-4	3-4	-	-	-	-	-	-
1500	-	-	-	-	-	-	4	3	3-4	3	4	3-4	3-4	3-4	-	3-4
1510	4	3	4	3-4	-	3-4	3	3	3-4	3	4	3-4	3-4	3-4	-	3-4
1700	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-	-
1800	3	3	2-3	3	-	3	3	3	3	3	4-5	3-4	3-4	4	-	4
1900	4	3	3-4	3-4	-	3	3-4	3	3	3-4	4	3-4	3-4	4	3-4	4
2000	4	-	4	-	-	4	4	-	3-4	3-4	4-5	3-4	4	4	-	4
2100	4	-	4	-	-	4	3-4	-	3-4	4	-	-	-	-	-	-
2200	-	-	-	-	-	-	-	-	-	-	4	3	3	2	-	3
2210	-	-	-	-	-	-	-	-	-	-	4	3-4	3-4	4	-	4
2300	4	-	4	-	-	-	3-4	-	-	-	-	-	-	-	-	-
2400	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-
2450	5	-	5	-	-	4	4	-	4	-	4-5	4	3-4	4	-	3-4
2500	5	-	5	-	-	3-4	4	-	4	4	4	3-4	4	4	-	4
2600	-	-	-	-	-	4	-	-	4	3-4	4	4	4	4	-	4
2700	5	-	5	-	-	3-4	4	-	3-4	3-4	4	4	4	4	-	4

Assessment: Mostly satisfactory with little overall change since previous survey; the left-hand side of the river at Fermoy had 'improved' from serious to moderate pollution while further downstream at West of Kilmurray had deteriorated to slight pollution. Downstream of Rathmore the systematic disposal of cars has been occurring at 0400 along the left-hand side of the river with some even being impregnated into the banks there.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Doctor's Hill Br	114486	106717	72	CK
0060	Kingwilliamstown Br	115164	103781	72	CK
0075	Newquarter Br	115294	100829	72	KY
0100	Lisheen Br	115976	97496	79	KY
0200	Nohaval Br	117274	94272	79	KY
0300	Duncannon Br	118006	93143	79	KY
0400	U/s Awnaskirtaun R confl	118644	93139	79	CK
0500	D/s Awnaskirtaun R confl	0	0	0	CK
0600	Shamrock Br	122125	93563	79	CK
0700	Charles' Br	124818	94397	79	CK
0750	Ford SW of Dromsicane	126834	92720	79	CK
0800	Keale Br (RHS)	129518	93541	79	CK
0810	Keale Br (LHS)	129518	93541	79	CK
0900	Colthurst Br	132816	95469	79	CK
1000	Ballymaquirk Br	138152	98787	79	CK
1100	1.5km d/s Ballymaquirk Br	139545	99251	79	CK
1200	Roskeen Br	144272	98875	80	CK
1300	Lombardstown Br	146412	96954	80	CK
1400	Longfield's Br	151654	97625	80	CK
1450	2km u/s Rly Br Mallow (LHS)	0	0	0	CK
1460	2km u/s Rly Br Mallow (RHS)	0	0	0	CK
1500	Rly Br, Mallow (LHS)	155040	97910	80	CK
1510	Rly Br, Mallow (RHS)	155040	97910	80	CK
1700	1.5km d/s Mallow Br	157538	98144	80	CK
1800	Ne of Ballymagooly	159473	99156	80	CK
1900	Killavullen Br	164841	99774	80	CK
2000	Ballyhooly Br	172905	98743	80	CK
2100	Cregg Castle	177904	98435	80	CK
2200	Br in Fermoy (LHS)	181219	98556	81	CK
2210	Fermoy Br (RHS)	181227	98557	81	CK
2300	2km d/s Fermoy Br	182523	99572	81	CK
2400	Careysville	185560	99575	81	CK
2450	W of Kilmurry South	187495	99578	81	CK
2500	Ballyduff Br	196540	99120	81	WD
2600	Lismore Br	204832	98762	81	WD
2700	2km d/s Lismore Br	206647	98827	81	WD

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	227	10	0	100	6	50	12	0	6	0	27
0060	191	18	0	100	24	31	15	0	5	0	25
0075	167	39	0	100	38	20	21	0	10	0	12
0100	144	62	0	100	48	14	21	0	7	0	10
0200	127	89	0	100	55	10	16	0	8	0	11
0300	123	117	0	100	56	8	17	1	8	0	10
0400	120	118	0	100	57	8	17	1	8	0	10
0600	108	235	5	95	63	6	18	0	6	0	7
0700	101	249	6	94	63	6	18	0	6	0	7
0750	96	253	6	94	64	5	18	0	6	0	7
0800	89	322	18	82	65	5	16	1	6	0	8
0810	89	322	18	82	65	5	16	1	6	0	8
0900	82	348	18	82	66	5	15	1	7	0	7
1000	69	477	29	71	66	5	12	1	9	0	8
1100	66	867	25	75	66	7	9	1	10	0	7
1200	59	951	23	77	66	7	8	1	12	0	7
1300	55	980	25	75	66	7	8	0	12	0	7
1400	48	1044	25	75	65	7	8	0	14	0	6
1500	46	1178	32	68	65	7	7	1	15	0	6
1510	46	1176	32	68	65	7	7	1	15	0	6
1700	44	1209	31	69	65	6	6	1	15	0	6
1800	42	1223	32	68	65	6	6	1	15	0	6
1900	36	1257	32	68	64	6	6	1	16	0	6
2000	27	1697	30	70	61	8	5	1	19	0	6
2100	23	1738	31	69	61	8	5	1	19	0	6
2200	21	1750	32	68	61	8	5	1	19	0	6
2210	21	1750	32	68	61	8	5	1	19	0	6
2300	20	1755	32	68	61	8	5	1	19	0	6
2400	19	2283	39	61	62	8	6	1	17	0	6
2450	19	2288	39	61	62	8	5	1	17	0	6
2500	10	2334	40	60	62	8	5	1	17	0	6
2600	3	2382	40	60	62	8	5	1	17	0	6
2700	2	2437	42	58	61	8	6	1	17	0	6

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BREGOGE** **18/B/04**
 Tributary of : 18A05 AWBEG (BUTTEVANT) OS Catchment No: 190
 OS Grid Ref of Confluence: R 595 079
 Date(s) Surveyed: 25/7/2006, 25/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	-	5	4-5	4	4	4
0400	4	3	3	4	3	4

Assessment: Satisfactory at both locations following improvement at lowermost one since previous survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Streamhill Br	160268	111642	73	CK
0400	Oldcourt Br	159705	108187	73	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	95	7	87	13	4	51	9	0	7	0	30
0400	70	38	53	47	23	32	2	0	18	0	25

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BRIDE (WATERFORD)**

18/B/05

Tributary of : 18B02 BLACKWATER (MUNSTER)

OS Catchment No: 190

OS Grid Ref of Confluence: X 088 912

Date(s) Surveyed: 28/8/2006, 30/8/2006

Station Nos.							Biological Quality Ratings (Q Values)				
	1971	1975	1979	1983	1986	1990	1994	1997	2000	2003	2006
0050	-	-	-	-	-	4-5	4	4-5	4	4	4
0100	-	-	5	5	5	4-5	-	-	-	-	-
0120	-	-	-	-	-	-	4-5	4	4	4	-
0200	-	-	5	5	5	4-5	-	-	-	-	-
0220	-	-	-	-	-	-	4-5	4	4	3-4	4
0300	5	4-5	5	4-5	4-5	4	4	4	4	4	4
0500	-	-	4-5	4	4-5	4	4	4	3-4	3-4	3-4
0600	5	4-5	4-5	3-4	4	4	4	4	4	4	4
0800	4	4	4	3-4	4	4	4	4	4	4	4

Assessment: Continuing mostly satisfactory at the six locations sampled in 2006 with just the site at Footbridge, North of Ballynella (0500) again slightly polluted, following improvement since previous survey at Bridge south east of Shanbally (0220).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Bride Br	168405	90161	80	CK
0100	Bride Br (Old)	171427	89505	80	CK
0120	Keam Br	171920	88752	80	CK
0200	Corbally Br	174400	88800	80	CK
0220	SE of Shanbally	176159	89174	80	CK
0300	Rathcormack Br	180898	90669	81	CK
0500	Foot Bridge N of Ballynella	187881	92029	81	CK
0600	Conna Br	192494	93432	81	CK
0800	Tallowbridge	199869	94335	81	WD

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	137	17	100	0	44	21	0	0	10	0	25
0100	101	49	100	0	44	25	0	0	8	0	22
0120	90	76	100	0	53	19	0	0	12	0	15
0220	66	90	98	2	56	17	0	0	12	0	14
0300	43	118	92	8	57	14	1	0	15	0	14
0500	27	227	86	14	63	9	0	0	19	0	9
0600	20	293	85	15	63	8	0	0	22	0	7
0800	3	370	84	16	63	8	0	0	23	0	6

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BROGEEN**
 Tributary of : 18A02 ALLOW
 OS Grid Ref of Confluence: R 385 018
 Date(s) Surveyed: 9/8/2006

18/B/06
 OS Catchment No: 190

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	3	3	4	3	2	4
0200	3-4	3-4	3-4	3-4	4	-
0300	3-4	3-4	3-4	4	3	4
0600	3-4	4	4	4	4	-
0800	4	4	4	4	4	4

Assessment: Satisfactory following significant improvement, since previous survey, at two of the three locations sampled in 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br N of Islandav	125361	102072	72	CK
0200	Brogeen Br	128741	102764	72	CK
0300	Br NW of Derrygalun	132721	102407	72	CK
0600	Br nr millview Cross	136070	102325	72	CK
0800	Br u/s Allow R confl	138346	101842	72	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	167	7	0	100	83	0	15	0	2	0	0
0200	132	17	0	100	80	1	7	1	10	0	0
0300	109	24	0	100	85	1	5	1	7	0	0
0600	88	35	0	100	85	1	4	1	9	0	0
0800	79	38	0	100	84	1	3	1	11	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CLYDA**

18/C/02

Tributary of : 18B02 BLACKWATER (MUNSTER)

OS Catchment No: 190

OS Grid Ref of Confluence: W 533 977

Date(s) Surveyed: 25/5/2006

Station Nos.	Biological Quality Ratings (Q Values)							
	1981	1986	1990	1994	1997	2000	2003	2006
0050	-	-	-	4	4	4	4	4-5
0060	-	-	4-5	-	-	-	-	-
0070	-	-	-	3-4	4	4	4-5	4-5
0080	-	-	4	-	-	-	-	-
0090	-	-	-	4-5	4	3-4	4	4
0100	4-5	4-5	-	-	-	-	-	-
0110	-	-	5	-	-	-	-	-
0190	-	-	5	-	-	-	-	-
0200	4-5	4-5	-	4-5	4-5	3-4	-	-
0300	4	4	3	4	3-4	3-4	4	4

Assessment: Maintaining satisfactory status in 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Br u/s Ahadallane Br	151116	86874	80	CK
0060	Ahadallane Br	0	0	0	CK
0070	Athnalacka Br	153498	88800	80	CK
0080	50m d/s Millford Br	0	0	0	CK
0090	Athnaleenta Br	155583	90492	80	CK
0100	Jordan's Br	0	0	0	CK
0110	Br 0.2km d/s Jordan's Br	0	0	0	CK
0190	0.3km u/s Clyda Br (Upr)	0	0	0	CK
0200	Clyda Br (Upper)	154285	95906	80	CK
0300	Clyda Br (Lower)	153962	97505	80	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	177	7	100	0	84	15	0	0	0	0	1
0070	145	24	100	0	77	11	0	0	7	0	6
0090	111	33	100	0	70	10	0	0	13	0	8
0200	58	109	100	0	69	5	0	0	18	0	8
0300	48	112	99	1	68	5	0	0	19	0	7

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **COOM** **18/C/03**
 Tributary of : 18B05 BRIDE (WATERFORD) OS Catchment No: 190
 OS Grid Ref of Confluence: W 684 901
 Date(s) Surveyed: 28/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	4	4	4	4	4	4
0300	4	-	-	-	-	-
0400	4	4	3-4	3-4	4	4

Assessment: Again satisfactory at both locations in 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br u/s Toor R confl	165433	88818	80	CK
0300	Br u/s Coom Br	0	0	0	CK
0400	Coom Br	168280	89839	80	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	200	4	100	0	0	43	0	0	8	0	49
0400	141	15	100	0	35	28	0	0	13	0	24

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CRINNAGHTANE** **18/C/07**
 Tributary of : 18A03 ARAGLIN (BLACKWATER) OS Catchment No: 190
 OS Grid Ref of Confluence: R 905 055
 Date(s) Surveyed: 10/7/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0300	4	4	4-5	4	4	3

Assessment: Unsatisfactory ecological response in July 2006 at the only location sampled representing the first recorded deterioration in condition since surveys began on the river in 1990.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Br at Araglin R confl	190697	105461	74	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	76	12	84	16	66	15	0	0	0	0	19

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CULLAVAW STREAM** **18/C/04**
 Tributary of : 18B02 BLACKWATER (MUNSTER) OS Catchment No: 190
 OS Grid Ref of Confluence: W 176 935
 Date(s) Surveyed: 9/5/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	3-4	3-4	3-4	4	3-4	4
0200	4	-	-	-	-	-
0300	4	4	4	4	3-4	4

Assessment: Satisfactory following improvements, since previous survey, at the two locations sampled in 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Cullavaw Br (Upper)	113963	92142	79	KY
0200	Cullavaw Br(Lower)	0	0	0	CK
0300	Just u/s Blackwater R confl	117443	93501	79	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	148	7	4	96	33	0	52	0	6	0	9
0300	125	116	0	100	56	8	17	1	8	0	10

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CURRAHEEN (CORK)** **18/C/06**
 Tributary of : 18B05 BRIDE (WATERFORD) OS Catchment No: 190
 OS Grid Ref of Confluence: W 948 940
 Date(s) Surveyed: 30/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0400	4	4	4	4	4	4

Assessment: Again satisfactory at the only location sampled on this river which is also known by the name Shanakill.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Br u/s Bride R confl	194800	93682	81	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	7	16	99	1	62	13	0	0	18	0	6

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DALUA**

18/D/01

Tributary of : 18A02 ALLOW

OS Catchment No: 190

OS Grid Ref of Confluence: R 382 032

Date(s) Surveyed: 10/8/2006, 11/8/2006

Station Nos.	Biological Quality Ratings (Q Values)								
	1971	1981	1986	1990	1994	1997	2000	2003	2006
0050	-	-	-	4	4-5	4	4	3-4	3-4
0070	-	-	-	4	4-5	4	4	3-4	-
0100	-	5	5	4-5	4	3-4	4	4	-
0190	-	-	-	3/0	-	-	-	-	-
0200	-	4	4	3	4	3	3	3	3-4
0210	-	-	-	-	3	3	3	3	3-4
0300	-	5	5	4-5	4-5	4-5	4	4	4
0400	-	5	5	4-5	-	-	-	-	-
0500	-	5	5	5	4	4-5	3-4	4	4
0600	1	5	4	4-5	4-5	4-5	3	3-4	-

Assessment: Apart from some amelioration downstream of sewage discharge at Anne's Bridge little change since 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Br NE of Meengorman	128710	111961	72	CK
0070	Br at knockduff Lower	129089	110653	72	CK
0100	Aldworth Br	130403	107778	72	CK
0190	Anne's Br	131015	106672	72	CK
0200	0.3km d/s Anne's Br (RHS)	131015	106672	72	CK
0210	0.3km d/s Anne's Br (LHS)	131015	106672	72	CK
0300	Foot-bridge SW of Liscongill	132477	104581	72	CK
0400	Allen's Br	134032	104426	72	CK
0500	Just d/s Owenare R confl	136564	104458	72	CK
0600	Foot-bridge in Kanturk	137903	103294	72	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	183	12	0	100	56	15	4	0	8	0	18
0070	170	0	0	100	69	9	2	0	5	0	0
0100	142	28	0	100	74	7	2	0	8	0	10
0190	130	55	0	100	69	9	8	0	5	0	10
0200	130	55	0	100	69	9	8	0	5	0	10
0210	130	55	0	100	69	9	8	0	5	0	10
0300	113	87	0	100	69	10	6	0	5	0	10
0400	104	88	0	100	69	10	6	0	5	0	9
0500	90	134	0	100	75	7	4	1	5	0	7
0600	84	140	0	100	75	7	4	1	6	0	7

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DOUGLAS (ARAGLIN)**
 Tributary of : 18A03 ARAGLIN (BLACKWATER)
 OS Grid Ref of Confluence: R 849 018
 Date(s) Surveyed: 11/7/2006

18/D/03

OS Catchment No: 190

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0300	-	5	-	-	-	-
0400	4-5	-	4-5	4-5	4-5	4-5
0500	4	4	4	3	3-4	3-4

Assessment: No change. Continuing slightly polluted downstream of Kilworth at Douglas Bridge.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Ford d/s West Branch confl	0	0	0	CK
0400	Glansheskin Br	183972	103411	74	CK
0500	Douglas Br	184743	102135	74	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	51	17	100	0	18	27	24	0	0	0	31
0500	31	21	92	8	28	23	19	0	4	0	26

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DOUGLAS (BRIDE)**

18/D/02

Tributary of : 18B05 BRIDE (WATERFORD)

OS Catchment No: 190

OS Grid Ref of Confluence: W 883 917

Date(s) Surveyed: 30/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	4	-	-	-	-	-
0300	4-5	3-4	3-4	3	3	3-4
0400	4	-	-	-	-	-
0500	3-4	4	4	4	4	-
0800	4	3-4	3-4	4	4	4

Assessment: Again slightly polluted downstream of Ballynoe and good ecological quality at the other location which is upstream of confluence with the Bride River.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Ballinscurloge Br	0	0	0	CK
0300	Togher Br	192791	89535	81	CK
0400	Br N of Ballinlegane	0	0	0	CK
0500	Athnafola Br	190941	90908	81	CK
0800	Br u/s Bride R confl	188362	91661	81	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	67	12	100	0	64	3	0	0	33	0	1
0500	46	28	100	0	56	4	0	0	38	0	2
0800	28	43	100	0	58	5	0	0	35	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **FARAHY**
 Tributary of : 18F05 FUNSHION
 OS Grid Ref of Confluence: R 720 084
 Date(s) Surveyed: 1/8/2006

18/F/01
 OS Catchment No: 190

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	-	3-4	3-4*	4	4	3-4
0300	4	4-5	4	4-5	4	4
0400	4	-	-	-	-	-
0500	4	4	4	3	4-5	3-4
0700	4	-	-	-	-	-

Assessment: Mostly unsatisfactory following deterioration, since previous survey, at two of the three locations sampled.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br nr Ballyguyroe North	167210	113125	73	CK
0300	Ballyguyroe Br	167694	111560	73	CK
0400	Br in Farahy	0	0	0	CK
0500	1st Br d/s Farahy	169808	109913	73	CK
0700	Br u/s Funshion R confl	0	0	0	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	121	5	100	0	4	59	6	0	19	0	12
0300	88	8	79	21	13	50	4	0	24	0	8
0500	70	17	55	45	27	34	2	0	31	0	6

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **FARNANE**
 Tributary of : 18F02 FINISK
 OS Grid Ref of Confluence: S 170 013
 Date(s) Surveyed: 6/7/2006

18/F/06
 OS Catchment No: 190

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0300	4-5	4-5	4-5	4	4-5	4-5

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	D/s Derry Br Millstreet	217265	101185	82	WD

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	49	12	0	100	56	15	4	0	8	0	18

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **FINISK****18/F/02**

Tributary of : 18B02 BLACKWATER (MUNSTER)

OS Catchment No: 190

OS Grid Ref of Confluence: X 107 968

Date(s) Surveyed: 6/7/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0080	4-5	-	-	-	-	-
0090	4	4	4	4	4	4
0100	3-4	-	-	-	-	-
0190	4	4-5	4-5	4	4-5	4
0250	4	-	-	-	-	-
0300	4	4	4-5	4	4	4
0350	4	4-5	4-5	4	4	4
0500	4	4	4-5	4-5	4	4

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0080	Br N of Broe Mountain	0	0	0	WD
0090	Priestown Br	217409	107161	74	WD
0100	Ballinamult Br	218128	106742	74	WD
0190	Millinacoorka Br	218682	103948	82	WD
0250	Br in Millstreet	0	0	0	WD
0300	Modelligo Br	217572	99267	82	WD
0350	Finisk Br	216233	96622	82	WD
0500	Kilmolash Br	213027	94870	82	WD

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0090	117	16	100	0	75	4	21	0	0	0	0
0100	102	17	100	0	76	3	20	0	0	0	0
0190	74	32	100	0	77	4	11	1	6	0	2
0300	37	66	100	0	78	6	7	0	5	0	4
0350	18	75	99	1	78	7	6	0	5	0	3
0500	8	99	87	13	77	8	5	0	7	0	3

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **FINNOW (BLACKWATER)**

18/F/03

Tributary of : 18B02 BLACKWATER (MUNSTER)

OS Catchment No: 190

OS Grid Ref of Confluence: W 284 925

Date(s) Surveyed: 10/5/2006

Station Nos.	Biological Quality Ratings (Q Values)									
	1971	1975	1980	1985	1990	1994	1997	2000	2003	2006
0030	-	-	-	-	4	-	-	-	-	-
0060	-	-	-	-	4	5	5	4-5	4-5	4-5
0100	-	-	5	4-5	4-5	-	-	-	-	-
0200	-	-	5	4-5	4-5	4-5	5	4	4-5	4
0300	-	-	5	4-5	4	-	-	-	-	-
0400	4-5	5	5	4-5	4	4	4	4	3	4

Assessment: Satisfactory at all three locations following improvement, since previous survey, at lowermost station.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0030	3rd Br u/s Kilmeedy Br	0	0	0	CK
0060	Kilmeedy Br	126763	87673	79	CK
0100	Dromascoolane Br	0	0	0	CK
0200	Inchileigh Br	126490	90342	79	CK
0300	Finnow Br	0	0	0	CK
0400	Wallis's Br	128384	92532	79	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0060	140	17	100	0	51	4	25	0	2	0	17
0200	109	27	100	0	63	3	16	3	1	0	14
0400	91	318	18	82	65	5	16	1	5	0	8

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **FLESK (BRIDE)****18/F/04**

Tributary of : 18B05 BRIDE (WATERFORD)

OS Catchment No: 190

OS Grid Ref of Confluence: W 824 912

Date(s) Surveyed: 29/8/2006, 30/8/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1990	1994	1997	2000	2003	2006	
0200	2-3	3-4	3-4	3-4	3	4	
0500	3	4	4	4	3-4	4	
0700	4	4	4	4	4	4	
0800	3-4	-	-	-	-	-	
1000	4	4	4	4	4	4	

Assessment: Improvement at two locations, since previous survey, and thus satisfactory throughout for the first time since surveys began on this river in 1990. Empty weedkiller containers (6) were observed on right-hand bank at Ballyglissane Bridge (0700) where the river is apparently being used to mix these agricultural chemicals.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br S of Coosane	175746	87330	80	CK
0500	Ballinaltig Br	177572	87502	80	CK
0700	Ballyglissane Br	180383	89277	81	CK
0800	Ward's Br	0	0	0	CK
1000	Br u/s Bride R confl	181897	90607	81	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	102	9	100	0	75	7	0	0	8	0	10
0500	87	16	100	0	75	4	0	0	16	0	5
0700	58	25	100	0	71	4	0	0	21	0	3
1000	42	53	100	0	71	3	0	0	21	0	4

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **FUNSHION**

18/F/05

Tributary of : 18B02 BLACKWATER (MUNSTER)

OS Catchment No: 190

OS Grid Ref of Confluence: W 837 002

Date(s) Surveyed: 1/8/2006, 2/8/2006, 31/7/2006

Station Nos.	Biological Quality Ratings (Q Values)														
	1971	1974	1975	1978	1979	1980	1982	1985	1986	1990	1994	1997	2000	2003	2006
0020	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-
0030	-	-	-	-	-	-	-	-	-	-	5	5	5	5	5
0040	-	-	-	-	-	-	-	-	-	4-5	-	-	-	-	-
0060	-	-	-	-	-	-	-	-	-	4	3	4	-	-	-
0070	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-
0100	5	5	5	5	-	4	5	4-5	4-5	4-5	4-5	4-5	4	4-5	4
0150	-	-	-	-	-	-	-	-	-	4-5	-	-	-	-	-
0200	1	1	1-2	3	-	3	3	2-3	3	3	3	2-3	3	3	3-4
0300	1-2	1-2	2	3	-	3	-	2-3	2-3	3-4	3	3-4	3-4	3-4	3-4
0310	-	-	-	-	-	-	-	-	-	2-3	-	3-4	3-4	3-4	3-4
0400	2-3	3	2-3	4	-	3	-	3	-	3-4	3	4	3-4	4	4
0500	4	4	4-5	4	-	4	-	3-4	-	4	3-4	4	4	4	3-4
0510	-	-	-	-	-	-	-	-	-	-	-	3	3	3-4	3-4
0600	-	-	-	-	4-5	-	-	4	-	4	-	-	-	-	-
0700	4-5	-	4-5	-	4	-	-	4	-	4	3-4	4	4	4	4
0760	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-
0780	-	-	-	-	-	-	-	-	-	-	3-4	-	-	-	-
0800	-	-	-	-	3-4	-	4	4	-	4	4	4	4	4	-
0820	-	-	-	-	-	-	-	-	-	4-5	-	-	-	-	-
0900	5	-	5	-	4	-	4	4	-	4-5	4	4-5	4	4	4-5
1000	-	-	-	-	4-5	-	4	4	-	4	4-5	4	4	4	4
1100	4-5	-	4	-	4-5	-	-	4	-	4	4	4	4	4	-

Assessment: Mostly satisfactory but continuing slightly polluted at Killee Bridge and Glenavuddig Bridge while a slight improvement in polluted condition was recorded downstream of Gradoge River confluence which is also downstream of Mitchelstown sewage discharge.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0020	Br nr Galty Castle	0	0	0	LK
0030	Brackbaun Br	188956	116822	74	LK
0040	Ahnaseed Br	0	0	0	LK
0060	Kilbeheny Br	185977	115732	74	CK
0070	1.1km d/s Kilbeheny Br	0	0	0	CK
0100	Ballyaghaderg Br	180857	114836	74	CK
0150	0.6km d/s St 0100	0	0	0	CK
0200	0.5km d/s Gradoge R confl	179379	113488	73	CK
0300	Killee Br (LHS)	177951	112601	73	CK
0310	Killee Br (RHS)	177951	112601	73	CK
0400	Marshalstown Br	174948	111772	73	CK
0500	Glenavuddig Br (LHS)	172317	110808	73	CK
0510	Glenavuddig Br (RHS)	172317	110808	73	CK
0600	Ford u/s Farahy R	0	0	0	CK
0700	Bealalaboga Br	173765	106836	73	CK
0760	Ford at Curraghoo More	0	0	0	CK
0780	Ford W of Dunmahon	0	0	0	CK
0800	Glanworth Br	175889	103956	73	CK
0820	1.6km d/s St 0800	0	0	0	CK
0900	Ballynahow Br	179256	102997	73	CK
1000	Downing Br	182314	101833	74	CK
1100	Ballyfean Br	183463	100603	74	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0030	117	16	98	2	5	20	42	0	6	0	26
0060	101	36	58	42	51	13	19	0	4	0	14
0100	80	82	69	31	58	8	18	0	2	0	14
0200	72	123	63	37	66	6	13	2	2	0	12
0300	68	133	60	40	68	5	12	2	2	0	11
0310	68	133	60	40	68	5	12	2	2	0	11
0400	62	145	56	44	70	5	11	2	2	0	10
0500	55	249	67	33	71	6	8	1	6	0	8
0510	55	249	67	33	71	6	8	1	6	0	8
0700	46	286	62	38	68	7	7	1	10	0	7
0800	33	339	57	43	69	6	6	1	12	0	6
0900	27	362	55	45	70	6	6	1	13	0	6
1000	24	379	55	45	70	5	5	1	13	0	6
1100	21	381	54	46	70	5	5	1	13	0	6

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLASHANABRACK**

18/G/02

Tributary of : 18B05 BRIDE (WATERFORD)

OS Catchment No: 190

OS Grid Ref of Confluence: W 720 887

Date(s) Surveyed: 28/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	4	4	-	-	-	-
0300	3-4	-	-	-	-	-
0400	4	4	4-5	4	4-5	4
0500	3-4	-	-	-	-	-

Assessment: Continuing satisfactory at the only location assessed where cattle have access to that part of the river.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Ford d/s Glashanabrack Br	0	0	0	CK
0300	Graigue Br	0	0	0	CK
0400	Trout Rock Br	171812	87664	80	CK
0500	Just u/s Bride R confl	0	0	0	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	105	19	100	0	80	9	0	0	9	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLASHAWEE (ALLOW)**

18/G/03

Tributary of : 18A02 ALLOW

OS Catchment No: 190

OS Grid Ref of Confluence: R 322 165

Date(s) Surveyed: 10/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	-	4	4	3-4	4	-
0300	4-5	-	-	-	-	-
0500	4	3	3-4	3-4	4	4

Assessment: Continuing satisfactory at the only location assessed which is upstream of Allow River confluence.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br u/s Glashawee Br	130319	118913	72	CK
0300	Glashawee Br	131106	118096	72	CK
0500	Br u/s Allow R confl	132190	116771	72	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	234	8	0	100	3	58	23	0	0	0	16
0300	212	11	0	100	13	52	18	0	0	0	17
0500	188	13	0	100	25	44	15	0	0	0	15

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLEN (BANTEER)**

18/G/04

Tributary of : 18B02 BLACKWATER (MUNSTER)

OS Catchment No: 190

OS Grid Ref of Confluence: W 392 985

Date(s) Surveyed: 24/5/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1990	1994	1997	2000	2003	2006	
0100	5	4-5	4-5	4-5	4-5	4-5	
0400	5	-	-	-	-	-	
0600	5	4-5	4-5	4	4-5	4-5	
0800	5	-	-	-	-	-	
0900	-	4-5	4-5	4-5	4-5	4-5	
1000	5	-	-	-	-	-	
1100	4-5	5	4-5	4	4-5	4-5	

Assessment: Continuing satisfactory with high ecological quality recorded at all locations surveyed.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Glencam Br	142197	87895	80	CK
0400	Grenville Br	0	0	0	CK
0600	Lacka Br	142567	92177	80	CK
0800	0.3km d/s Br at Glen Cottage	0	0	0	CK
0900	Ford S of Coolroe Beg	140341	94419	80	CK
1000	Father Murphy's Br	139150	95851	79	CK
1100	Banteer Br	139451	98205	79	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	259	4	100	0	12	22	55	0	0	0	11
0600	160	48	100	0	23	34	22	0	7	0	13
0900	109	59	100	0	30	30	18	0	9	0	14
1000	90	71	100	0	38	27	15	0	9	0	12
1100	70	75	100	0	39	26	14	0	10	0	12

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENABOY**
 Tributary of : 18B05 BRIDE (WATERFORD)
 OS Grid Ref of Confluence: W 995 943
 Date(s) Surveyed: 30/8/2006

18/G/05

OS Catchment No: 190

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	4	4	4	4	4	4
0300	4	-	-	-	-	-
0400	3	4	-	-	-	-
0600	4	4	4	3-4	3-4	3-4

Assessment: No change. Continuing slightly polluted below Tallow.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Ballyclough Br	198572	89703	81	WD
0300	Br N of Glenaboy	0	0	0	WD
0400	South Br Tallow	0	0	0	WD
0600	Br u/s Bride R confl	199588	94095	81	WD

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	86	9	100	0	65	16	0	0	7	0	12
0600	5	18	97	3	74	10	0	1	9	0	6

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENAKEEFE**
 Tributary of : 18O08 OWENNASHAD
 OS Grid Ref of Confluence: S 050 017
 Date(s) Surveyed: 24/7/2006

18/G/06
 OS Catchment No: 190

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	4-5	5	4-5	4-5	5	4-5
0300	4-5	-	-	-	-	-
0400	4-5	5	4-5	4-5	5	5

Assessment: Continuing satisfactory with high ecological quality again recorded at both locations.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Glenakeefe Br	206204	105719	74	WD
0300	Br NW of Monalaur	206504	103134	74	WD
0400	Br u/s Owennashad R confl	205194	101657	74	WD

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	222	3	100	0	0	0	100	0	0	0	0
0300	134	11	100	0	20	0	68	0	7	0	6
0400	72	14	100	0	30	4	50	0	9	0	7

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENCORRA STREAM**

18/G/15

Tributary of : 18F05 FUNSHION

OS Catchment No: 190

OS Grid Ref of Confluence: R 812 030

Date(s) Surveyed: 11/7/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	4	4	4	3-4	4	4

Assessment: Satisfactory at the only location examined.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Glencorra Br	181405	103115	74	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	37	6	95	5	81	0	3	0	0	0	15

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENDINE (BLACKWATER)**

18/G/07

Tributary of : 18B02 BLACKWATER (MUNSTER)

OS Catchment No: 190

OS Grid Ref of Confluence: X 077 824

Date(s) Surveyed: 1/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	4-5	-	-	-	-	-
0290	4-5	4-5	4	4	3-4	4
0300	4-5	-	-	-	-	-
0400	4	-	-	-	-	-

Assessment: Satisfactory at the only location sampled where in 2003 slight pollution had been recorded for first time since sampling began in 1990.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br SSW of Brown's X-Rds	205234	85666	81	WD
0290	Glendine Ch, E of Ballycondon	206385	83465	81	WD
0300	0.1km d/s St 0290	207055	82758	81	WD
0400	Glendine Br	207178	82641	81	WD

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	119	5	100	0	39	34	0	0	5	0	22
0290	50	16	100	0	34	22	4	0	29	0	11
0300	23	17	100	0	35	22	4	0	29	0	10
0400	15	17	100	0	35	22	4	0	29	0	10

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENLARA**
 Tributary of : 18D01 DALUA
 OS Grid Ref of Confluence: R 308 073
 Date(s) Surveyed: 10/8/2006

18/G/08
 OS Catchment No: 190

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0300	4	-	-	-	-	-
0360	-	3-4	4	3-4	3-4	3-4
0400	4-5	4	4	4	4	-
0500	4-5	5	3	3-4	4	4

Assessment: No change since previous survey with reduced ecological quality again recorded at the uppermost location.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Br W of Commons South	0	0	0	CK
0360	Br S of Inchantotane	125464	109253	72	CK
0400	Ballyduane Br	127790	107260	72	CK
0500	Ford N of Curraduff	129903	107470	72	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0360	216	5	0	100	35	22	18	0	0	0	25
0400	166	21	0	100	54	14	18	0	2	0	12
0500	146	25	0	100	61	12	15	0	2	0	10

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENNAFALLIA**

18/G/10

Tributary of : 18B02 BLACKWATER (MUNSTER)

OS Catchment No: 190

OS Grid Ref of Confluence: X 097 992

Date(s) Surveyed: 7/7/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1986	1990	1994	1997	2000	2003	2006
0040	-	4-5	5	4-5	4-5	4-5	4-5
0050	-	4-5	-	-	-	-	-
0060	-	4	5	5	4-5	4-5	4-5
0100	4	4	-	-	-	-	-
0200	4	4	3-4	4	3-4	4	3-4

Assessment: Satisfactory except at final location, in Cappoquin, where a large biomass of filamentous algae was recorded.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0040	Br NW of Crow Hill	210881	105078	74	WD
0050	Br u/s Monavugga R confl	0	0	0	WD
0060	LyreBr, 1.5km d/s Monavugga R conf	210857	101124	74	WD
0100	Beallicky Br	0	0	0	WD
0200	Little Br (Cappoquin)	210336	99160	81	WD

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0040	168	8	100	0	8	18	41	0	17	0	16
0060	57	24	100	0	34	12	22	0	13	0	19
0200	5	43	97	3	36	21	17	0	10	0	15

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENSHELANE**
 Tributary of : 18G10 GLENNAFALLIA
 OS Grid Ref of Confluence: S 115 009
 Date(s) Surveyed: 7/7/2006

18/G/11
 OS Catchment No: 190

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	4	4-5	-	-	-	-
0300	4-5	4-5	4-5	4-5	4-5	4-5

Assessment: Satisfactory with high ecological quality again recorded at the only location sampled.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br S of Knocknasculloge	0	0	0	WD
0300	Just u/s Glennafallia R confl	211604	100900	74	WD

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	45	38	100	0	34	21	19	0	8	0	18

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GOISH** **18/G/12**
 Tributary of : 18B02 BLACKWATER (MUNSTER) OS Catchment No: 190
 OS Grid Ref of Confluence: X 096 920
 Date(s) Surveyed: 18/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0050	-	4	4	4	4	3-4
0100	4	-	-	-	-	-
0200	4	4	4	4	3-4	-
0300	4	4	4	3-4	4	4

Assessment: Enriched at uppermost location and continuing satisfactory further downstream.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Broken Br	215187	89274	82	WD
0100	Goish Br	0	0	0	WD
0200	Coolroe Br	212119	90300	82	WD
0300	Br 2km NW of AGLISH	210470	91409	81	WD

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	82	7	100	0	33	47	0	0	0	0	21
0200	19	22	100	0	54	23	0	0	5	0	18
0300	5	24	94	6	55	21	0	0	7	0	18

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GRADOGE**
 Tributary of : 18F05 FUNSHION
 OS Grid Ref of Confluence: R 797 137
 Date(s) Surveyed: 31/7/2006

18/G/13
 OS Catchment No: 190

Biological Quality Ratings (Q Values)

Station Nos.	1971	1974	1975	1978	1980	1982	1985	1986	1988	1989	1990	1994	1997	2000	2003	2006
0050	-	-	-	-	4	3-4	-	-	-	-	3	-	-	-	-	-
0100	-	-	-	-	4	3-4	3	3	-	-	3	-	-	-	-	-
0200	1	1	1	1	2	1	1	1	2	2-3	2-3	2-3	2-3	3	3-4	3-4

Assessment: As in 2003, again slightly polluted upstream of Funshion River confluence which albeit unsatisfactory is better than the seriously and moderately polluted conditions prevailing for some 30 years previously. Not shown on OS Catchment Map (Not a baseline river).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Ballynamona Br	182457	111779	74	CK
0100	Br 1km E of Mitchelstown	182424	112936	74	CK
0200	Just u/s Funshion R confl	179869	113521	73	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	92	10	85	15	84	0	6	0	4	0	6
0100	86	27	68	32	79	2	4	0	3	0	13
0200	76	34	52	48	79	1	3	5	2	0	10

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **KNOPPOGE**
 Tributary of : 18O03 OWENAGEERAGH
 OS Grid Ref of Confluence: W 826 892
 Date(s) Surveyed: 29/8/2006

18/K/02

OS Catchment No: 190

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0300	-	3-4	4	3-4	3-4	4
0500	4	4	4-5	4	4	4

Assessment: Satisfactory following improvement at uppermost location.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Br u/s Ballinwillin Br	182048	87666	81	CK
0500	Br S of Bluebell Br	182631	89133	81	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	86	7	100	0	73	0	0	0	26	0	1
0500	59	12	100	0	73	0	0	0	24	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **LICKY**

18/L/01

Tributary of : 18B02 BLACKWATER (MUNSTER)

OS Catchment No: 190

OS Grid Ref of Confluence: X 103 844

Date(s) Surveyed: 18/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0050	4-5	4	3-4	3-4	3-4	3-4
0100	4-5	-	-	-	-	-
0120	-	4	4	3-4	4	-
0150	4-5	4-5	4-5	4	4-5	4
0200	4	4	4	3-4	4	4

Assessment: Mostly satisfactory but continuing to exhibit reduced ecological quality at uppermost location post-1994.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Br SE of Pulla	223464	87456	82	WD
0100	Br NE of Glenlicky	0	0	0	WD
0120	Br WNW of Kiely's X-Rds	219805	84655	82	WD
0150	Grallagh Br	216726	83850	82	WD
0200	Licky Br	213140	82795	82	WD

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	141	4	100	0	29	56	0	0	0	0	15
0120	106	25	100	0	44	23	0	0	0	0	33
0150	58	34	100	0	42	23	0	0	3	0	32
0200	10	43	99	1	45	21	0	0	8	0	26

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **LYRE**
 Tributary of : 18C02 CLYDA
 OS Grid Ref of Confluence: W 558 934
 Date(s) Surveyed: 25/5/2006

18/L/02
 OS Catchment No: 190

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0300	4-5	4	4	4	4	4-5
0900	4-5	4	4	3-4	4	4-5
1100	5	4-5	4	4	4	4-5

Assessment: Satisfactory with high ecological quality recorded at all three locations.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Br u/s Ballysimon	149221	92402	80	CK
0900	Lyre Br	152524	92695	80	CK
1100	Atkinson's Br	155553	93087	80	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	169	5	100	0	45	28	0	0	11	0	16
0900	128	11	100	0	58	13	0	0	21	0	8
1100	80	24	99	1	63	6	0	0	26	0	4

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **MONAVUGGA** **18/M/01**
 Tributary of : 18G10 GLENNAFALLIA OS Catchment No: 190
 OS Grid Ref of Confluence: S 104 022
 Date(s) Surveyed: 7/7/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	4-5	4	4	4	4-5	3-4

Assessment: Unsatisfactory, due to slightly polluted conditions, at Melleray for the first time since surveys began on the river in 1990.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br u/s Glennafallia R confl	210066	102275	74	WD

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	103	10	100	0	44	4	15	0	11	0	26

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **NAD****18/N/01**

Tributary of : 18G04 GLEN (BANTEER)

OS Catchment No: 190

OS Grid Ref of Confluence: W 437 913

Date(s) Surveyed: 24/5/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	4	4-5	4-5	4-5	4-5	4-5
0400	4	4-5	4-5	4-5	4-5	4-5

Assessment: Continuing satisfactory with high ecological quality recorded at both locations.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Nadbeg Br	141262	89855	80	CK
0400	Nad Br	142686	91273	80	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	200	2	100	0	3	27	39	0	28	0	3
0400	169	16	100	0	16	35	20	0	9	0	21

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OGEEN** **18/O/01**
 Tributary of : 18A05 AWBEG (BUTTEVANT) OS Catchment No: 190
 OS Grid Ref of Confluence: W 635 074
 Date(s) Surveyed: 25/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	4-5	4-5	4	4	4	4-5
0300	4-5	-	-	-	-	-
0400	4-5	4-5	4	3	4	4

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Ballintlea Br	165136	112981	73	CK
0300	Carker Br	162909	108771	73	CK
0400	Labbavacun Br	162602	108149	73	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	114	13	100	0	8	54	11	0	0	0	28
0300	68	35	55	45	24	43	4	0	12	0	17
0400	64	38	51	49	26	40	4	0	15	0	16

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWBEG (WATERFORD)**

18/O/02

Tributary of : 18B02 BLACKWATER (MUNSTER)

OS Catchment No: 190

OS Grid Ref of Confluence: X 090 952

Date(s) Surveyed: 1/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	-	3-4	3	-	-	-
0200	4	-	-	-	-	-
0400	-	4	3-4	3-4	3	3
0500	3	-	-	-	-	-
0800	3-4	4	3-4	3-4	4	3-4

Assessment: Unsatisfactory with moderately and slightly reduced ecological quality at the two locations.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br W of Toortane Ho	202013	96804	81	WD
0200	Br SE of Toortane Ho	0	0	0	WD
0400	Br u/s Owbeg Br	204573	96250	81	WD
0500	Owbeg Bridge	0	0	0	WD
0800	S Br u/s Killahaly Br	207511	96016	81	WD

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	32	6	57	43	55	4	0	0	41	0	0
0400	18	13	55	45	58	5	0	0	37	0	0
0800	7	23	44	56	55	8	0	1	33	0	3

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENAGEERAGH**

18/O/03

Tributary of : 18F04 FLESK (BRIDE)

OS Catchment No: 190

OS Grid Ref of Confluence: W 818 897

Date(s) Surveyed: 29/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	-	4	4-5	4	4	4
0300	3-4	4	4	4	4	4

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br S of Killawillin	184422	89494	81	CK
0300	Bluebell Br	182666	89194	81	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	76	9	100	0	68	5	0	0	14	0	13
0300	59	23	100	0	72	2	0	0	19	0	6

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENANARE**
 Tributary of : 18D01 DALUA
 OS Grid Ref of Confluence: R 366 045
 Date(s) Surveyed: 10/8/2006, 11/8/2006

18/O/04
 OS Catchment No: 190

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	4-5	4	4	4	4	4
0300	5	4-5	4	4	4	-
0400	5	-	-	-	-	-
0600	4-5	4	4	4	4	4

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Barleyhill Br	133278	110758	72	CK
0300	Priory Br	134606	108490	72	CK
0400	Br d/s Priory Br	135221	106540	72	CK
0600	Just u/s Dalua R confl	135221	106540	72	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	163	13	0	100	84	2	0	0	4	0	11
0300	133	22	0	100	84	4	0	0	4	0	8
0400	110	26	0	100	85	4	0	0	4	0	6
0600	90	29	0	100	86	4	0	0	5	0	6

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENBAUN (RATHCOOL)**

18/O/05

Tributary of : 18R01 RATHCOOL

OS Catchment No: 190

OS Grid Ref of Confluence: W 336 937

Date(s) Surveyed: 11/5/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1990	1994	1997	2000	2003	2006	
0200	4	4	4	4	4	4	
0400	3-4	-	-	-	-	-	
0500	3	4-5	4	4	3-4	4	
0600	4	-	-	-	-	-	
0700	4-5	5	4-5	4	4-5	4-5	
0800	3	-	-	-	-	-	
0900	4	4-5	4-5	4-5	4-5	4-5	

Assessment: Satisfactory throughout length following improvement downstream of Owenbaun Bridge since previous survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br d/s Br NE of Knocknakilla	130515	87079	79	CK
0400	Owenbaun Br	0	0	0	CK
0500	0.5km d/s Owenbaun Br	130739	88449	79	CK
0600	Br NE of Garraneduff	0	0	0	CK
0700	Clashatrake Br	131459	91630	79	CK
0800	Lyon's Br	0	0	0	CK
0900	Bride's Br	133484	93229	79	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	194	8	100	0	36	22	8	0	0	0	34
0500	179	14	100	0	42	18	14	0	2	0	24
0700	130	22	100	0	56	12	9	0	7	0	16
0900	102	26	100	0	62	10	8	0	6	0	14

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENKEAL**
 Tributary of : 18D01 DALUA
 OS Grid Ref of Confluence: R 307 050
 Date(s) Surveyed: 8/8/2006

18/O/06
 OS Catchment No: 190

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0400	4-5	-	-	-	-	-
0500	4	4-5	4	4	4	4
0600	4-5	4-5	4-5	4-5	4-5	4

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Br u/s Br W of Blueford	124450	106580	72	CK
0500	Clashykinleen Br	124450	106580	72	CK
0600	Long Br	129833	104856	72	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	191	9	0	100	45	27	9	0	11	0	9
0500	191	9	0	100	45	27	9	0	11	0	9
0600	128	25	0	100	68	12	5	0	7	0	7

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENNAGLOO**

18/O/07

Tributary of : 18F03 FINNOW (BLACKWATER)

OS Catchment No: 190

OS Grid Ref of Confluence: W 263 918

Date(s) Surveyed: 10/5/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1990	1994	1997	2000	2003	2006	
0200	4	4-5	4	4	4	4-5	
0500	2-3	4-5	4	4	4	4-5	
0600	4	-	-	-	-	-	
0700	4	4-5	4	4	4	4-5	

Assessment: Continuing satisfactory with high ecological quality recorded at all three locations sampled in May 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Ahaphoooca Br	122203	89308	79	CK
0500	Ferm Br	122933	90847	79	CK
0600	E of Tober	0	0	0	CK
0700	Br u/s Finnow R confl	124737	91480	79	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	168	4	98	2	47	0	31	0	0	0	22
0500	131	9	68	32	64	0	16	0	3	0	16
0700	108	11	59	41	69	0	14	0	3	0	14

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENNASHAD**

18/O/08

Tributary of : 18B02 BLACKWATER (MUNSTER)

OS Catchment No: 190

OS Grid Ref of Confluence: X 048 989

Date(s) Surveyed: 24/7/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1986	1990	1994	1997	2000	2003	2006
0050	-	4-5	-	-	-	-	-
0060	-	-	5	5	4-5	4-5	4-5
0100	5	-	-	-	-	-	-
0140	-	4-5	5	4-5	4-5	5	5
0200	5	4-5	4	4	3-4	4	4

Assessment: Satisfactory with no change.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	SW of Castle Dodard	0	0	0	WD
0060	Footbridge nr Moneygorm Br	204662	104198	74	WD
0100	Br at Carrignagower	204652	102481	74	WD
0140	Drumber Br	204680	101653	74	WD
0200	Br u/s Blackwater R confl	204817	98938	81	WD

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0060	120	18	100	0	12	17	61	0	0	0	10
0100	95	24	100	0	21	17	53	0	0	0	8
0140	58	45	100	0	27	11	47	0	6	0	9
0200	7	53	100	0	32	12	41	0	7	0	8

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENTARAGLIN**

18/O/09

Tributary of : 18B02 BLACKWATER (MUNSTER)

OS Catchment No: 190

OS Grid Ref of Confluence: W 223 935

Date(s) Surveyed: 8/8/2006, 9/8/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1990	1994	1997	2000	2003	2006	
0400	4	3-4	4	4	3-4	4	
0600	4	3-4	4	4	4	-	
0800	4	-	-	-	-	-	
0900	4	3-4	4	4	4	4	
1000	4	4-5	4-5	4	4	-	
1100	4	4	4	4	4	4-5	
1200	4-5	4-5	4-5	4-5	4-5	4	

Assessment: Satisfactory at all locations following improvement at first since previous survey while at the second location hydromorphological work, in the form of reinforcement of banks, had taken place.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Br d/s Garrison Br	119141	107135	72	CK
0600	Br W of Rascalstreet	119668	105575	72	CK
0800	Br WNW of Kishkeam	0	0	0	CK
0900	Br SW of Dromskarragh More	121937	101179	72	CK
1000	Doon Br	122677	99285	79	CK
1100	Cullen Br	123363	95978	79	CK
1200	Br u/s Blackwater R confl	122167	93694	79	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	205	12	0	100	55	19	9	0	6	0	11
0600	192	19	0	100	63	13	6	0	4	0	14
0900	153	45	0	100	79	8	6	0	2	0	6
1000	141	53	0	100	82	7	5	0	2	0	5
1100	118	67	0	100	82	5	5	0	4	0	4
1200	109	81	0	100	82	4	5	0	5	0	4

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **RATHCOOL****18/R/01**

Tributary of : 18B02 BLACKWATER (MUNSTER)

OS Catchment No: 190

OS Grid Ref of Confluence: W 329 955

Date(s) Surveyed: 11/5/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	4-5	4-5	4	4	4	4
0300	4-5	-	-	-	-	-
0400	-	5	4-5	4-5	4	4-5
0600	4	-	-	-	-	-
0700	4	4-5	4-5	4-5	4-5	4

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Finnanfield Br	133294	89608	79	CK
0300	Br d/s Carrigduff R confl	0	0	0	CK
0400	Br nr Killeen	135056	91341	79	CK
0600	Carragraigue Br	0	0	0	CK
0700	Rathcool Br	133463	93988	79	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	183	6	100	0	51	6	25	0	12	0	7
0400	134	23	100	0	52	10	18	0	9	0	10
0700	94	60	100	0	61	9	10	0	9	0	12

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **ROSS (KILLAVULLEN)**

18/R/02

Tributary of : 18B02 BLACKWATER (MUNSTER)

OS Catchment No: 190

OS Grid Ref of Confluence: W 655 993

Date(s) Surveyed: 11/7/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	4-5	5	4-5	4-5	4	4
0300	4	-	-	-	-	-
0400	4	-	-	-	-	-
0500	4	5	3-4	3	4	3-4

Assessment: Continuing satisfactory at first location but slightly polluted at second one representing some deterioration since previous survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br NE of Toormore	163218	96022	80	CK
0300	Br u/s Killavullen Br	0	0	0	CK
0400	Killavullen Br	0	0	0	CK
0500	0.3km u/s Blackwater R confl	165163	99632	80	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	147	14	100	0	53	21	3	0	5	0	18
0500	37	21	97	3	44	34	2	0	6	0	14

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **SHEEP**
 Tributary of : 18F05 FUNSHION
 OS Grid Ref of Confluence: W 737 116
 Date(s) Surveyed: 1/8/2006

18/S/03
 OS Catchment No: 190

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0150	4	-	-	-	-	-
0200	3	4	4	4	4	4
0300	4	-	-	-	-	-
0400	4	4	4	4	4	4
0600	4	4	4	4	4	4

Assessment: Satisfactory with no change.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0150	Br d/s Ballintober Br	0	0	0	LK
0200	Annaglug Br	174491	120039	73	LK
0300	Ahaphuca Br	0	0	0	CK
0400	Kilclooney Br	173856	115337	73	CK
0600	O'Brien's Br	173809	111789	73	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	123	19	100	0	81	8	0	0	8	0	3
0400	77	72	100	0	76	9	3	0	6	0	6
0600	59	85	94	6	77	8	3	0	7	0	6

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **TOURIG**

18/T/03

Tributary of : 18B02 BLACKWATER (MUNSTER)

OS Catchment No: 190

OS Grid Ref of Confluence: X 093 804

Date(s) Surveyed: 1/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	4-5	4	4	-	-	-
0300	4-5	4	4	4	4	4
0400	4-5	-	-	-	-	-
0500	4-5	4-5	4	4	4	-
0700	4	4-5	4	4	4	4

Assessment: Continuing satisfactory at the two locations surveyed.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br SE of Ballycolman	201388	83511	81	CK
0300	Br N of Meenoughter	201388	83511	81	CK
0400	Br at Inch	201562	81478	81	CK
0500	Br nr Youghalpark	203894	79923	81	CK
0700	Br SW of Tourig Hall	206436	80222	81	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	77	17	100	0	61	22	1	0	11	0	5
0300	77	17	100	0	61	22	1	0	11	0	5
0400	46	22	100	0	59	22	1	0	14	0	4
0500	20	31	99	1	57	16	1	0	23	0	3
0700	7	41	93	7	58	13	1	0	27	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **WATERGRASSHILL STREAM** **18/W/01**
 Tributary of : 18F04 FLESK (BRIDE) OS Catchment No: 190
 OS Grid Ref of Confluence:
 Date(s) Surveyed: 29/8/2006

Formerly reported as the South Branch of the Flesk (Bride) 18F04

Station Nos.	Biological Quality Ratings (Q Values)				
	1994	1997	2000	2003	2006
1200	3	3	3	3	-

Assessment: The only location was not accessible in 2006 due to road construction works and very steep banks. Formerly called South Branch of Flesk (Bride).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
1200	Condonstown Br	177186	85682	80	CK

HYDROMETRIC AREA 20 (Bandon – Ilen)	
ARGIDEEN	20A02
BALLINSPITTLE	20B09
BALLYMAHANE	20B01
BANDON	20B02
BAWNAKNOCKANE	20B03
BEALANASCARTANE	20B08
BLACKWATER (BANDON)	20B04
BRINNY	20B07
BURRANE	20B10
CAHA	20C01
CARHOO	20C06
CASHEL (CORK)	20C02
CLODAGH	20C03
CLONAKILTY STREAM	20C05
CULLENAGH LAKE STREAM	20C04
DIRTY	20D01
GLASHAGLORAGH (CORK)	20G02
ILEN	20I01
KILBRITTAIN	20K01
LEAMAWADDRA	20L01
LEAP STREAM	20L04
MINANE	20M01
OWENKEAGH	20O01
OWENNASHINGAUN	20O02
# OWNAHINCHY	20O03
RATHRUANE	20R01
ROURY	20R02
SAIVNOSE	20S01
SALL	20S02
STICK	20S03
TINNEEL STREAM	20T02

indicates rivers having seriously polluted stretches at time of this survey.

River and Code : **ARGIDEEN**

20/A/02

Tributary of : Sea - at Courtmacsherry

OS Catchment No: 232

OS Grid Ref of Confluence: W 473 437

Date(s) Surveyed: 7/9/2006

Station Nos.	Biological Quality Ratings (Q Values)									
	1971	1976	1981	1985	1989	1994	1997	2000	2003	2006
0010	-	-	-	-	4	-	-	-	-	-
0015	-	-	-	-	4	-	-	-	-	-
0030	-	-	-	-	4	3-4	4	4-5	4-5	4
0040	-	-	-	-	3-4	-	-	-	-	-
0050	-	-	-	-	4	4	4	4	4	4
0060	-	-	-	-	4	4	4-5	3-4	4	4
0070	-	-	-	-	4	-	-	-	-	-
0100	5	5	5	4	3-4	4	4	3-4	4	4
0150	-	-	-	-	3-4	-	-	-	-	-
0200	5	5	5	3-4	4	4	4	4	4	3-4

Assessment: Deterioration at final location since previous survey while the penultimate sampling site was again silted, along right-hand side, with sludge (spent alum) from the nearby waterworks.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0010	Second Br u/s Old Flax Mill	0	0	0	CK
0015	First Br u/s Old Flax Mill	0	0	0	CK
0030	Br u/s Glashagloragh R confl	128862	44332	89	CK
0040	Br d/s Glashagloragh River	0	0	0	CK
0050	Gearagh Br	132316	45572	89	CK
0060	Ballaghecummer Br	136233	45411	89	CK
0070	Ford NW of Shannonvale	139099	44246	89	CK
0100	Lisselane br	140467	44445	89	CK
0150	Ford near Castlevew Mills	142438	44570	89	CK
0200	Kilmaloda Br	145181	45571	89	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0030	76	10	100	0	74	3	2	0	12	0	9
0050	52	28	100	0	74	4	2	0	13	0	7
0060	38	64	100	0	69	2	1	0	25	0	4
0070	29	75	100	0	68	2	1	0	27	0	3
0100	25	79	100	0	67	1	1	0	27	0	3
0150	19	82	100	0	67	2	1	0	28	0	3
0200	7	90	100	0	67	2	1	0	27	0	3

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BALLINSPITTLE**

20/B/09

Tributary of : Sea - Kinsale Harbour

OS Catchment No: w2

OS Grid Ref of Confluence: W 568 510

Date(s) Surveyed: 19/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0100	4	4	3-4	4	4	4

Assessment: Satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br in Ballinspittle	158719	46103	87	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	15	13	100	0	64	0	0	3	34	0	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BALLYMAHANE**

20/B/01

Tributary of : 20S02 SALL

OS Catchment No: 229

OS Grid Ref of Confluence: W 493 586

Date(s) Surveyed: 12/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0200	4	4	4	4	4	4
0500	4	-	-	-	-	-
0700	-	4	4-5	4-5	4	4
0800	4	-	-	-	-	-
1000	4	4	4-5	4	4	4

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br NNW of Tullyglass	141394	58077	86	CK
0500	Roughgrove Br	144002	57313	86	CK
0700	Alcock's Br	145182	57347	86	CK
0800	Ballygarvey Br	146320	57740	86	CK
1000	Ballymahane Br	149040	58753	87	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	105	4	100	0	77	0	0	0	23	0	0
0500	69	10	100	0	68	0	0	0	32	0	0
0700	53	14	100	0	67	0	0	0	33	0	0
0800	44	17	100	0	68	0	0	0	32	0	0
1000	27	21	100	0	73	0	0	0	27	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BANDON**

20/B/02

Tributary of : Sea - Kinsale Harbour

OS Catchment No: 229

OS Grid Ref of Confluence: W 653 474

Date(s) Surveyed: 12/7/2006, 13/7/2006, 14/7/2006

Station Nos.	Biological Quality Ratings (Q Values)										
	1971	1976	1978	1982	1986	1989	1994	1997	2000	2003	2006
0050	-	-	-	-	-	4-5	4-5	4	4-5	4-5	4-5
0100	5	4-5	4-5	4-5	4	3-4	-	-	-	-	-
0150	-	-	-	-	4-5	4	4	4	4	4	4
0200	-	-	4-5	4-5	4-5	4	-	-	-	-	-
0300	5	4-5	4-5	4	4	4	4	4	3-4	3-4	4
0400	5	4-5	4	4	4	3-4	4	3-4	3-4	3-4	4
0500	5	4-5	4	3-4	3-4	3-4	-	-	-	-	-
0550	-	-	-	-	-	4	4-5	4	3-4	4	3-4
0600	5	5	5	3-4	3-4	4	4-5	4	4	4	-
0700	5	4-5	4	3-4	4	3-4	4-5	4	4	4	4
0780	-	-	-	-	-	3-4	-	-	-	-	-
0800	5	3	2-3	3	4	3	3-4	3	3	3	4
0850	-	-	-	-	-	3-4	-	-	-	-	-
0900	5	4-5	4	4	4	3-4	4	4	4	4	4

Assessment: Mostly satisfactory following some improvement at three locations, downstream of Dunmanway and Bandon, but reversion to slightly polluted conditions downstream of Enniskeen.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Keenrath Br	118687	56660	85	CK
0100	Br u/s Ardcahan Br	0	0	0	CK
0150	Ardcahan Br	124259	55684	86	CK
0200	Br near River View	0	0	0	CK
0300	Bealboy Br	125690	51288	89	CK
0400	Manch Br	129274	52082	86	CK
0500	Ballineen Br	0	0	0	CK
0550	Enniskeen Br	135743	54019	86	CK
0600	Murragh Br	138063	54062	86	CK
0700	Baxter's Br	144140	54621	86	CK
0780	Bandon Br	0	0	0	CK
0800	1.5km d/s Bandon Br	150489	55904	87	CK
0850	French's Wood	0	0	0	CK
0900	Inishannon Br	154155	57051	87	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	91	17	100	0	22	25	46	0	0	0	7
0150	74	97	100	0	39	15	27	0	3	0	16
0300	51	158	100	0	49	11	21	1	6	0	12
0400	44	202	100	0	55	10	17	0	9	0	10
0550	32	283	100	0	61	8	12	0	11	0	8
0600	29	338	100	0	65	7	10	0	12	0	7
0700	21	371	100	0	65	6	9	0	13	0	6
0800	10	416	100	0	65	6	8	1	14	0	6
0900	5	514	100	0	66	5	7	1	16	0	5

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BAWNAKNOCKANE**

20/B/03

Tributary of : Sea - Roaring Water Bay

OS Catchment No: 236

OS Grid Ref of Confluence: V 989 358

Date(s) Surveyed: 10/10/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0100	4	-	-	-	-	-
0200	3	4	4	4	4	4

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br SE of Coosane	0	0	88	CK
0200	Ford N of Coolcaha	98606	37606	88	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	19	10	100	0	56	17	27	0	0	0	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BEALANASCARTANE**

20/B/08

Tributary of : 20B02 BANDON

OS Catchment No: 229

OS Grid Ref of Confluence: W 267 517

Date(s) Surveyed: 13/7/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0100	4	3	4	3-4	4	3-4
0300	4	4	4	4	4	4
0500	4	-	-	-	-	-
0700	4	4	3-4	3-4	4	4
0800	2/0	4	4	4	4	3

Assessment: Deterioration, since previous survey, at first location where the water was turbid. Significant deterioration, to moderately polluted conditions, at the West Bridge upstream Bandon River confluence.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Curraghlicky Br	122357	46732	89	CK
0300	Br SE of Drinagh East	125336	47568	89	CK
0500	Bealanascartane Br	0	0	0	CK
0700	(E) Br u/s Bandon R confl	126687	51379	89	CK
0800	(W) Br u/s Bandon R confl	126683	51409	89	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	99	5	100	0	73	9	7	0	11	0	0
0300	89	11	100	0	76	6	3	0	12	3	0
0700	53	24	100	0	81	4	2	0	12	1	0
0800	52	24	100	0	81	4	2	0	12	1	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BLACKWATER (BANDON)**

20/B/04

Tributary of : 20B02 BANDON

OS Catchment No: 229

OS Grid Ref of Confluence: W 319 535

Date(s) Surveyed: 13/7/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0050	4	-	-	-	-	-
0100	3-4	-	-	-	-	-
0300	4	4	4	4	4-5	4-5
0600	4	4-5	4	3-4	3-4	3-4
0800	4	4-5	4-5	4-5	4-5	4-5

Assessment: No change since previous survey with eutrophic conditions again recorded in middle reaches.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Br N of Lisheenleigh	0	0	0	CK
0100	Br ENE of Lisheenleigh	0	0	0	CK
0300	Geara Br	129268	59187	86	CK
0600	Br NW of Teenah	129118	56374	86	CK
0800	Blackwater Br	131203	53534	86	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	103	20	100	0	74	11	0	0	6	0	9
0600	64	31	100	0	74	8	0	0	12	0	6
0800	41	53	100	0	77	5	0	0	15	0	4

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BRINNY**

20/B/07

Tributary of : 20B02 BANDON

OS Catchment No: 229

OS Grid Ref of Confluence: W 532 573

Date(s) Surveyed: 11/9/2006, 12/9/2006, 13/7/2006

Station Nos.	Biological Quality Ratings (Q Values)									
	1976	1978	1982	1986	1989	1994	1997	2000	2003	2006
0010	-	-	-	-	4	-	-	-	-	-
0030	-	-	-	-	4	4	4	4	4	4
0070	-	-	-	-	4-5	4	3-4	4	3-4	4
0090	-	-	-	-	4	-	-	-	-	-
0100	-	5	5	4-5	4-5	4-5	4	4	4-5	4-5
0200	4-5	4	4	4	4-5	4-5	4-5	4	4	-

Assessment: Satisfactory at the three locations following improvement at Tuough Bridge since previous survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0010	Br N of Templemartin	0	0	0	CK
0030	Br S of Aghnamorroge Cross Roads	148919	64266	87	CK
0070	Tuough Br	151380	62171	87	CK
0090	Br nr Ballinacurra Ho	0	0	0	CK
0100	Brinny Br	151672	59131	87	CK
0200	Downdaniel Br	153129	57380	87	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0030	108	6	100	0	74	0	0	0	17	0	9
0070	55	23	100	0	73	2	0	0	22	0	4
0100	17	81	99	1	71	2	0	0	25	0	2
0200	7	89	98	2	70	2	0	0	26	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BURRANE**
 Tributary of : Argideen Estuary
 OS Grid Ref of Confluence: W 473 455
 Date(s) Surveyed: 7/9/2006

20/B/10
 OS Catchment No: 232

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0100	4	-	-	-	-	-
0200	3	3	3-4	3-4	4	4

Assessment: Maintaining satisfactory conditions first recorded in 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br near Kilshinihan	0	0	0	CK
0200	Burrane Br	146980	46186	89	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	23	4	100	0	69	7	0	0	23	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CAHA**
 Tributary of : 20B02 BANDON
 OS Grid Ref of Confluence: W 241 558
 Date(s) Surveyed: 12/9/2006

20/C/01
 OS Catchment No: 229

Station Nos.	Biological Quality Ratings (Q Values)						
	1989	1994	1997	2000	2003	2006	
0100	-	4-5	4-5	4-5	4	4-5	
0400	4	4	4-5	4	4	4	
0500	4	-	-	-	-	-	
0700	4	4-5	4	4	4	4-5	

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br N of Coolcaum	118397	61836	85	CK
0400	Poulnaberry Br	121926	59246	85	CK
0500	Br SW of Aultaghreagh	0	0	0	CK
0700	Caha Br	124342	56018	86	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	162	5	100	0	1	24	75	0	0	0	0
0400	104	15	100	0	39	14	35	0	3	0	9
0700	76	39	100	0	45	15	14	0	3	0	23

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CARHOO** **20/C/06**
 Tributary of : Sea - Clonakilty Bay OS Catchment No: x2
 OS Grid Ref of Confluence: W 377 397
 Date(s) Surveyed: 8/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0300	4	4	4	4	4	4

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Br SE of Carhoo	137048	39547	89	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	6	4	100	0	70	0	0	0	30	0	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CASHEL (CORK)**

20/C/02

Tributary of : 20R02 ROURY

OS Catchment No: 234

OS Grid Ref of Confluence: W 242 386

Date(s) Surveyed: 6/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0400	4	-	-	-	-	-
0600	3	3-4	3-4	4	4	4
0800	4	4-5	4	4	4-5	4
0810	2	3	4	4	4-5	-

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Fourth Br d/s Reanascreena	0	0	0	CK
0600	Br NE of Cashel	126397	40176	89	CK
0800	Connonagh Br (RHS)	124373	38696	89	CK
0810	Connonagh Br (LHS)	124373	38696	89	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0600	119	4	100	0	69	0	0	0	21	0	10
0800	39	7	100	0	76	3	0	0	16	0	5
0810	39	7	100	0	76	3	0	0	16	0	5

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CLODAGH**
 Tributary of : 20I01 ILEN
 OS Grid Ref of Confluence: W 126 473
 Date(s) Surveyed: 4/9/2006

20/C/03
 OS Catchment No: 233

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0300	-	4-5	4-5	4-5	4-5	4-5
0400	4-5	4-5	4	4-5	4	4

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Pookeen Br	114437	49868	89	CK
0400	Ahanafunshion Br	112835	47357	89	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	152	4	100	0	33	7	44	0	16	0	0
0400	80	10	100	0	51	6	21	0	21	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CLONAKILTY STREAM**

20/C/05

Tributary of : Sea - Clonakilty Bay

OS Catchment No: x2

OS Grid Ref of Confluence: W 387 413

Date(s) Surveyed: 8/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0100	4	4	4	4	4	-
0300	3-4	4	4	4	4	4

Assessment: Continuing satisfactory in Clonakilty where a large crop of emergent vegetation was recorded in the low-flow conditions.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br ESE of Garralacka	135645	41136	89	CK
0300	Br in Clonakilty	137697	41310	89	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	23	4	100	0	70	0	0	0	30	0	0
0300	8	17	100	0	63	0	0	1	37	0	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CULLENAGH LAKE STREAM** **20/C/04**
 Tributary of : 20B02 BANDON OS Catchment No: 229
 OS Grid Ref of Confluence: W 168 558
 Date(s) Surveyed: 12/7/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0100	4	4	4	4	4-5	4

Assessment: Some siltation due to clearance and field drainage with loss of small pearl-mussel population.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Farnanes Br	116621	55137	85	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	114	7	100	0	31	12	50	0	1	0	5

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DIRTY**
 Tributary of : 20B02 BANDON
 OS Grid Ref of Confluence: W 240 523
 Date(s) Surveyed: 12/7/2006

20/D/01
 OS Catchment No: 229

Station Nos.	Biological Quality Ratings (Q Values)								
	1978	1982	1985	1989	1994	1997	2000	2003	2006
0005	-	-	-	4	4	4	4	4	4
0010	-	-	-	3-4	-	-	-	-	-
0050	-	3-4	3-4	3	4	4	4	3-4*	4
0100	3-4	3-4	3-4	3-4	4	4	3-4	4	4

Assessment: Satisfactory throughout following improvement at second location.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0005	Sillahertane Br	117892	51163	89	CK
0010	Br N of Milane Ho	0	0	0	CK
0050	Br NW of Tonafora	121880	52220	85	CK
0100	Br u/s Bandon R confl	123542	52544	85	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0005	110	2	100	0	37	23	32	0	8	0	0
0050	61	16	100	0	64	8	14	0	10	0	4
0100	57	26	100	0	61	9	15	1	8	0	6

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLASHAGLORAGH (CORK)**

20/G/02

Tributary of : 20A02 ARGIDEEN

OS Catchment No: 232

OS Grid Ref of Confluence: W 293 443

Date(s) Surveyed: 7/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0100	3	-	-	-	-	-
0200	3-4	3	3-4	3-4	4	4
0400	4-5	3-4	4	4	4	4

Assessment: Continuing satisfactory with maintained improvement, recorded in 2003, at the first location.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br u/s Kippagh Br	0	0	0	CK
0200	Kippagh Br	125816	45072	89	CK
0400	Inchinattin Br	129127	44758	89	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	139	4	100	0	64	16	11	0	0	0	9
0400	77	9	100	0	68	10	5	0	6	0	11

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **ILEN**

20/I/01

Tributary of : Sea - Baltimore Bay

OS Catchment No: 233

OS Grid Ref of Confluence: W 073 315

Date(s) Surveyed: 4/9/2006, 5/9/2006

Station Nos.	Biological Quality Ratings (Q Values)									
	1971	1976	1981	1985	1989	1994	1997	2000	2003	2006
0020	-	-	-	-	-	4-5	4-5	4-5	4	4-5
0060	-	-	-	-	4-5	-	-	-	-	-
0100	5	5	5	4-5	5	5	4-5	4-5	4	4-5
0140	-	-	-	-	4-5	-	-	-	-	-
0160	-	-	-	-	-	4-5	4-5	4-5	4	4
0200	5	5	5	4-5	4	-	-	-	-	-
0240	-	-	-	-	4	3-4	4	4	4-5	-
0300	5	4-5	4-5	4	3-4	3-4	4	4	4	4

Assessment: Continuing satisfactory with high ecological status at the two uppermost locations.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0020	Castledonovan Br	111395	49341	89	CK
0060	Just u/s Clodagh R confl	0	0	0	CK
0100	Moyny Br	111517	46628	89	CK
0140	Ilen Br	0	0	0	CK
0160	Br NW of Bishops Village	110509	42956	89	CK
0200	Br near Madore	0	0	0	CK
0240	Just u/s Saivnose R confl	112031	40123	89	CK
0300	Ballyhilty Br	111765	36352	89	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0020	133	8	100	0	16	2	59	0	24	0	0
0100	67	29	100	0	43	3	32	0	21	0	0
0160	22	103	100	0	63	4	18	0	12	0	3
0240	11	139	100	0	65	5	17	0	10	0	3
0300	5	224	100	0	67	4	12	0	12	0	5

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **KILBRITTAIN**
 Tributary of : Sea - Courtmacsherry
 OS Grid Ref of Confluence: W 532 468
 Date(s) Surveyed: 19/9/2006

20/K/01

OS Catchment No: w2

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0100	-	4	4	4	4	4-5
0300	4	4	4	3-4	4	4

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Maulmane Br	150412	48890	87	CK
0300	Kilbrittain Br	152496	46951	87	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	41	11	100	0	77	2	0	0	20	0	0
0300	12	18	100	0	72	4	0	0	24	0	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **LEAMAWADDRA**

20/L/01

Tributary of : Sea - Roaring Water Bay

OS Catchment No: 235

OS Grid Ref of Confluence: W 019 342

Date(s) Surveyed: 10/10/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0200	4-5	4	4-5	4-5	4-5	4-5
0400	4	4	4-5	4-5	4-5	4-5

Assessment: Continuing satisfactory with high ecological status recorded at both locations.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br SW of Derreenard	101990	37974	88	CK
0400	Crooked Br	102293	34843	88	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	43	11	100	0	50	3	41	0	0	0	6
0400	12	19	100	0	52	2	36	0	6	0	3

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **LEAP STREAM**

20/L/04

Tributary of : Glandore Harbour

OS Catchment No: y2

OS Grid Ref of Confluence: W 207 368

Date(s) Surveyed: 8/9/2006

Station Nos.	Biological Quality Ratings (Q Values)				
	1994	1997	2000	2003	2006
0100	4	4	4	4	4

Assessment: Continuing satisfactory just upstream of Leap.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	80m u/s Leap Br	120711	37092	89	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	15	5	100	0	80	0	0	0	20	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **MINANE**
 Tributary of : Sea - Ringabella Bay
 OS Grid Ref of Confluence: W 760 569
 Date(s) Surveyed: 19/9/2006

20/M/01

OS Catchment No: u2

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0100	3-4	3-4	3-4	3-4	4	4
0200	3-4	3-4	3	3	3	3

Assessment: The satisfactory conditions first recorded in 2003 were maintained into 2006 at the first location; continuing moderately polluted at Minane Bridge.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br at Ballyfeard	172036	55664	87	CK
0200	Minane Br	174340	56680	87	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	7	8	100	0	44	0	0	0	56	0	0
0200	4	28	100	0	47	4	0	0	49	0	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENKEAGH**
 Tributary of : 20A02 ARGIDEEN
 OS Grid Ref of Confluence: W 452 457
 Date(s) Surveyed: 7/9/2006

20/O/01

OS Catchment No: 232

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0200	3-4	3-4	3-4	3-4	4	3-4
0400	3	-	-	-	-	-
0500	4	-	-	-	-	-
0600	4	4	3-4	3-4	4	4

Assessment: Again satisfactory at Skeaf Bridge but reversion to eutrophic conditions at the upper location since previous survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Ford nr Tullig	140134	47970	89	CK
0400	Ballinascarty Br	0	0	0	CK
0500	Br u/s Skeaf Br	0	0	0	CK
0600	Skeaf Br	144073	46851	89	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	45	11	100	0	80	0	0	0	20	0	0
0600	21	39	100	0	70	5	0	0	25	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENNASHINGAUN**

20/O/02

Tributary of : 20I01 ILEN

OS Catchment No: 233

OS Grid Ref of Confluence: W 095 445

Date(s) Surveyed: 5/9/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1989	1994	1997	2000	2003	2006	
0200	-	4-5	4-5	4-5	4-5	4-5	
0400	4-5	4	4-5	4-5	4	4-5	
0500	4-5	-	-	-	-	-	
0700	4-5	4-5	4-5	4-5	4	4-5	

Assessment: Continuing satisfactory with high ecological status recorded at all three locations.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Trawlebane Br	104989	48101	85	CK
0400	Dromore Br	106164	45624	88	CK
0500	Br nr Dromore Cottage	0	0	0	CK
0700	Inchingerig Br	109028	45278	89	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	119	7	100	0	34	16	45	0	0	0	5
0400	49	24	100	0	53	10	27	0	3	0	6
0700	37	36	100	0	61	7	22	0	4	0	6

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWNAHINCHY**

20/O/03

Tributary of : Sea - Roscarbery Bay

OS Catchment No: x2

OS Grid Ref of Confluence: W 307 353

Date(s) Surveyed: 6/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0080	-	4	3-4	4	4	4
0100	4	-	-	-	-	-
0200	1	3-4	3	4	4	4
0400	3-4	4	4	4	4	2

Assessment: Localised serious pollution, with slime growths, due to farm waste entering river at lowermost location. The other two sites were again satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0080	Br S of Bealad	131684	42450	89	CK
0100	Ballynavar Br	0	0	0	CK
0200	Kilruane Br	132692	38569	89	CK
0400	Br u/s Ownahinchy Br	130863	36552	89	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0080	80	2	100	0	49	0	0	0	51	0	0
0200	43	13	100	0	70	0	0	0	30	0	0
0400	11	17	100	0	73	0	0	0	27	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **RATHRUANE****20/R/01**

Tributary of : 20B03 BAWNAKNOCKANE

OS Catchment No: 236

OS Grid Ref of Confluence: V 989 358

Date(s) Surveyed: 10/10/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	4	3	3-4	3-4	4	4
0400	4	4	4	4	4	4-5

Assessment: Satisfactory with improvement recorded at first location in 2003 maintained into 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br SE of Raheenroe	94908	36536	88	CK
0400	Coolagh Br	98128	35855	88	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	68	2	100	0	70	3	26	0	0	0	0
0400	18	12	100	0	56	1	33	0	8	0	3

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **ROURY**
 Tributary of : Sea - Mill Cove
 OS Grid Ref of Confluence: W 267 348
 Date(s) Surveyed: 6/9/2006

20/R/02

OS Catchment No: 234

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0100	4	4	4	4	4	4
0400	4	4	4	4	4	-
0700	4	-	-	-	-	-
0800	4	4-5	4	4	4-5	4-5
0900	3-4	-	-	-	-	-
1000	3-4	4	4	4	4	3-4

Assessment: Mostly satisfactory but deterioration, to slightly polluted conditions, at final location marks the first time since 1989 that any site has been less than satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Corran Br	121676	40257	89	CK
0400	Third Br d/s Corran Lake	123063	39858	89	CK
0700	Br S of Glenville	0	0	0	CK
0800	Inchnanoon Br	124966	37841	89	CK
0900	Roury Br	0	0	0	CK
1000	Ballyvireen Br	126420	35390	89	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	66	7	100	0	77	3	15	0	5	0	0
0400	62	15	100	0	79	3	9	0	9	0	0
0800	29	27	100	0	80	5	5	0	9	0	1
1000	6	35	100	0	79	4	4	0	11	0	3

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **SAIVNOSE**
 Tributary of : 20I01 ILEN
 OS Grid Ref of Confluence: W 121 400
 Date(s) Surveyed: 5/9/2006

20/S/01

OS Catchment No: 233

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0200	-	4-5	4	4	4	4
0300	4	-	-	-	-	-
0400	4	4	4	4	4	4
0600	3-4	4	-	-	-	-
0900	4	4-5	4	4	4	4

Assessment: Satisfactory. No change.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br d/s Coomatallin Br	121556	44375	89	CK
0300	Reavouler Br	0	0	0	CK
0400	Carrigbaun Br	117103	42577	89	CK
0600	Br SE of Bredagh Cross Rds	0	0	0	CK
0900	Derreeny Br	112389	39919	89	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	100	7	100	0	61	5	20	0	0	0	14
0400	65	27	100	0	71	5	8	0	9	0	7
0900	13	44	100	0	78	4	5	0	6	0	7

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **SALL**

20/S/02

Tributary of : 20B07 BRINNY

OS Catchment No: 229

OS Grid Ref of Confluence: W 513 519

Date(s) Surveyed: 12/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0200	-	3	4	3-4	4	4
0400	4	-	-	-	-	-
0500	-	4	4-5	4	4	4
0600	4	-	-	-	-	-
0700	3-4	4	4	3-4	4	-

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	First Br d/s Tanyard Br	144852	60430	86	CK
0400	Br near Shanacloyne	0	0	0	CK
0500	Scarthamuck Br	147464	59584	86	CK
0600	Br u/s Ballymahane R confl	0	0	0	CK
0700	0.8km u/s Brinny R confl	151047	59199	87	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	98	6	100	0	75	0	0	0	13	0	12
0500	48	17	100	0	78	7	0	0	11	0	4
0700	19	51	100	0	72	3	0	0	24	0	1

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **STICK**
 Tributary of : Sea - Oyster Haven
 OS Grid Ref of Confluence: W 687 493
 Date(s) Surveyed: 19/9/2006

20/S/03

OS Catchment No: 231

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0240	-	4	3-4	4	4-5	4
0300	3	3	3	3	3-4	4
0500	3-4	-	-	-	-	-
0600	4	4	4	4	4	-
0800	3-4	4	4	4	4	4

Assessment: Following improvement at first location on Main Channel, all locations examined in 2006 were satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0240	Br u/s confl with Main Channel	165681	57024	87	CK
0300	Coolkirky Br	166101	59432	87	CK
0500	Br u/s Ballymartle Branch	0	0	0	CK
0600	Br d/s Ballymartle Branch	165771	56446	87	CK
0800	Aghafantaun Br	166345	54243	87	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0240	26	14	70	30	59	1	0	0	38	0	3
0300	42	9	51	49	61	1	0	0	33	0	5
0600	22	26	73	27	63	2	0	0	32	0	2
0800	8	38	82	18	56	4	0	0	39	0	1

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **TINNEEL STREAM**

20/T/02

Tributary of : Sea at Roscarbery Bay

OS Catchment No: x2

OS Grid Ref of Confluence: W 289 370

Date(s) Surveyed: 6/9/2006

Station Nos.	Biological Quality Ratings (Q Values)				
	1994	1997	2000	2003	2006
0050	-	3	3	4	4
0100	4	-	-	-	-

Assessment: Satisfactory again in 2006 with improvement recorded in 2003 maintained.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Br SE of Cahermore	128548	38517	89	CK
0100	Br nr Milfield Ho	0	0	0	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	26	2	100	0	85	0	0	0	15	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

HYDROMETRIC AREA 21 (Dunmanus – Bantry – Kenmare)	
ADRIGOLE	21A01
ARDSHEELHANE	21A02
BLACKWATER (KERRY)	21B03
CLEADY	21C02
CLOGHANE	21C08
CLOONEE (KERRY)	21C06
COOMEELAN STREAM	21C14
COOMHOLA	21C03
CROANSHAGH	21C05
CUMMERAGH	21C04
DERREENDARRAGH	21D03
DRIMMINBOY	21D01
DRUMOGHTY	21D04
EMLAGHMORE	21E01
FINNIHY	21F01
FOUR MILE WATER	21F02
GLAN STREAM	21G13
GLENGARRIFF	21G03
INNY (KERRY)	21I01
ISKNAGAHINY LOUGH STREAM	21I03
KEALDUFF	21K01
KEALINCHA	21K02
LOUGH FADDA STREAM	21L03
MAGANNAGAN STREAM	21M02
MEALAGH	21M01
OWBEG (ROUGHTY)	21O02
OWENBEG (OWVANE)	21O03
OWENSHAGH	21O08
OWNAGAPPUL	21O09
OWNGAR (CORK)	21O04
OWREAGH	21O05
OWROE	21O06
OWVANE (CORK)	21O07
ROUGHTY	21R01
SHEEN	21S01
SLAHENY	21S02
SNEEM	21S03
TAHILLA	21T01
TRAFRASK STREAM	21T03

River and Code : **ADRIGOLE**
 Tributary of : Sea - Adrigole Harbour
 OS Grid Ref of Confluence: V 807 502
 Date(s) Surveyed: 12/10/2006

21/A/01
 OS Catchment No: 224

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	4-5	4-5	4-5	4-5	4-5	4-5

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Adrigole Br	81180	50719	84	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	8	28	100	0	7	0	88	0	4	1	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **ARDSHEELHANE**

21/A/02

Tributary of : 21S03 SNEEM

OS Catchment No: 214

OS Grid Ref of Confluence: V 688 673

Date(s) Surveyed: 28/6/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	-	5	4-5	4-5	4-5	4-5
0200	4-5	4-5	4-5	4-5	3-4	4

Assessment: Satisfactory at both locations following some improvement at lowermost one since previous survey; forestry logging was in progress some 2 km upstream of this site at the time of the latest survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Coomyanna Br	71724	72982	78	KY
0200	Just u/s Sneem R confl	69026	67588	84	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	97	6	100	0	0	0	68	0	5	0	28
0200	8	27	100	0	6	4	59	0	11	0	20

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BLACKWATER (KERRY)**

21/B/03

Tributary of : Kenmare River

OS Catchment No: 215

OS Grid Ref of Confluence: V 797 684

Date(s) Surveyed: 29/6/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	4-5	4-5	4-5	5	5	5
0200	4-5	4-5	4-5	4-5	5	4-5

Assessment: Continuing satisfactory with high ecological status again recorded at both locations.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Gearha Br	78267	72126	78	KY
0200	1.5 km u/s Blackwater Bridge	79380	69461	84	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	35	48	100	0	2	6	59	0	12	1	21
0200	21	85	100	0	7	8	60	0	10	0	14

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CLEADY** **21/C/02**
 Tributary of : 21R01 ROUGHTY OS Catchment No: 217
 OS Grid Ref of Confluence: V 942 719
 Date(s) Surveyed: 14/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1987	1993	1997	2000	2003	2006
0300	4	4	4	4	4	4-5

Assessment: Continuing satisfactory with high ecological status recorded in the latest survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Cleady Br	94319	72220	78	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	10	16	96	4	28	8	35	0	0	0	29

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CLOGHANE** **21/C/08**
 Tributary of : Sea-at Allihies (W of Bear Is) OS Catchment No: g3
 OS Grid Ref of Confluence: V 584 407
 Date(s) Surveyed: 11/10/2006

Station Nos.	Biological Quality Ratings (Q Values)				
	1994	1997	2000	2003	2006
0300	4	4	4-5	4	4

Assessment: Continuing satisfactory with good ecological status again recorded.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Knockroe Br	60150	41259	84	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	28	6	100	0	12	4	60	0	20	0	3

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CLOONEE (KERRY)**

21/C/06

Tributary of : Sea - Kenmare River

OS Catchment No: 220

OS Grid Ref of Confluence: V 775 628

Date(s) Surveyed: 15/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	-	4-5	4	4-5	4	4
0200	-	3-4	3-4	4	3-4	3-4
0400	3-4	3-4	3-4	3-4	3-4	3-4

Assessment: Satisfactory at uppermost location, i.e. upstream of Inchiquin Lough. Both other locations again exhibited lake effects, i.e. suppressed but enriched type faunal response.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Just u/s Lough Inchiquin	84488	62541	85	KY
0200	Just d/s Lough Inchiquin	83521	63706	84	KY
0400	Casha Br	79278	63502	84	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	40	0	100	0	0	1	93	0	5	0	0
0200	39	1	100	0	0	0	97	0	0	0	2
0400	28	0	100	0	41	0	31	0	28	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **COOMEELAN STREAM**

21/C/14

Tributary of : 21S01 SHEEN

OS Catchment No: 218

OS Grid Ref of Confluence: V 950 644

Date(s) Surveyed: 14/9/2006

Station Nos.	Biological Quality Ratings (Q Values)				
	1994	1997	2000	2003	2006
0200	4-5	4-5	4-5	4-5	4-5

Assessment: Continuing satisfactory with high ecological status again recorded.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br u/s Sheen R confl	95777	63913	85	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	80	25	100	0	10	0	83	0	0	0	7

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **COOMHOLA**
 Tributary of : Sea - Bantry Bay
 OS Grid Ref of Confluence: V 998 545
 Date(s) Surveyed: 15/10/2006, 16/10/2006

21/C/03
 OS Catchment No: 225

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1993	1997	2000	2003	2006
0200	4-5	4-5	4-5	4-5	4-5	4-5
0300	4-5	4-5	-	-	-	-
0500	4-5	4-5	4-5	4-5	4-5	4-5

Assessment: Satisfactory with consistent high ecological status recorded since surveys began on the river in 1990.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br nr Knockanecosduff	103911	60037	85	CK
0300	Br NE of Coorloun	0	0	0	CK
0500	Coomhola Br	99448	55526	85	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	55	27	100	0	13	5	80	0	2	0	0
0500	10	64	100	0	19	3	76	0	1	0	1

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CROANSHAGH**

21/C/05

Tributary of : Sea - Kilmackilloge Harbour

OS Catchment No: 222

OS Grid Ref of Confluence: V 770 572

Date(s) Surveyed: 11/10/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	4	4	4-5	4-5	4-5	4-5
0180	4	4	4	4	4	4

Assessment: Continuing satisfactory with no change.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Glanmore Br	77343	53628	84	KY
0180	0.6 km u/s Croanshagh Br	77028	56798	84	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	8	18	100	0	0	0	72	0	6	0	23
0180	2	38	100	0	4	2	65	0	7	2	21

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CUMMERAGH**
 Tributary of : Sea - Ballinskelligs Bay
 OS Grid Ref of Confluence: V 500 650
 Date(s) Surveyed: 27/6/2006

21/C/04

OS Catchment No: 213

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	4-5	4	4	4	4	4
0400	4	3-4	4	4	4	4
0600	4-5	4-5	4	4	4-5	4-5

Assessment: Continuing satisfactory. The effluent from a sea-trout and salmon hatchery reaches the river, via constructed wetlands, just downstream from the uppermost location.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Just d/s Derriana Lough	59939	72696	83	KY
0400	Fords d/s Cumberagh Br	58008	71420	83	KY
0600	Dromkeare Br	54537	68551	84	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	117	16	100	0	4	0	66	0	5	15	10
0400	79	20	100	0	7	3	65	0	4	12	8
0600	10	48	100	0	12	1	62	0	2	10	13

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DERREENDARRAGH**
 Tributary of : 21B03 BLACKWATER (KERRY)
 OS Grid Ref of Confluence: V 791 714
 Date(s) Surveyed: 29/6/2006

21/D/03

OS Catchment No: 215

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0300	4-5	4-5	4-5	4-5	4-5	4-5

Assessment: Continuing satisfactory with high ecological quality again recorded.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Br near Derreendarragh	79543	72590	78	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	45	23	100	0	9	13	62	0	8	0	8

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DRIMMINBOY**
 Tributary of : 21C05 CROANSHAGH
 OS Grid Ref of Confluence: V 767 562
 Date(s) Surveyed: 11/10/2006

21/D/01
 OS Catchment No: 222

Station Nos.	Biological Quality Ratings (Q Values)				
	1994	1997	2000	2003	2006
0100	4-5	4-5	4	4	3-4

Assessment: A mixed faunal response, indicating enrichment, was recorded in 2006 at this location which is in a valley at the foot of Tooth Mountain with few houses and low sheep numbers in its immediate upstream catchment.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br SE of Shroneberrane	75477	55306	84	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	6	6	100	0	0	0	58	0	0	0	42

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DRUMOGHTY**
 Tributary of : Sea - Kenmare River
 OS Grid Ref of Confluence: V 875 680
 Date(s) Surveyed: 11/10/2006

21/D/04

OS Catchment No: j3

Station Nos.	Biological Quality Ratings (Q Values)				
	1994	1997	2000	2003	2006
0400	4	4	4	4-5	4

Assessment: Continuing satisfactory but a small colony of pearl mussels had disappeared since the previous survey where holly bushes and other riparian vegetation had been cleared along left-hand side of river.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Dawros Br	87776	67666	85	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	2	17	100	0	9	4	54	0	19	0	13

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **EMLAGHMORE**
 Tributary of : Sea - Ballinskelligs Bay
 OS Grid Ref of Confluence: V 453 682
 Date(s) Surveyed: 26/6/2006

21/E/01
 OS Catchment No: O3

Station Nos.	Biological Quality Ratings (Q Values)				
	1994	1997	2000	2003	2006
0400	4	3	3	3-4	4

Assessment: Satisfactory following improvement since previous survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Emlaghmore Br	44588	68776	84	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	7	18	100	0	39	0	47	0	2	0	11

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **FINNIHY**
 Tributary of : Sea - Kenmare River
 OS Grid Ref of Confluence: V 903 707
 Date(s) Surveyed: 14/9/2006

21/F/01

OS Catchment No: 216

Station Nos.	Biological Quality Ratings (Q Values)						
	1986	1990	1994	1997	2000	2003	2006
0200	4	4	4	4	4	4	4
0300	4	4	4	4	4	4	-
0500	4-5	4	4	4	4	3-4	4
0510	4-5	3	3-4	3-4	3-4	3-4	3-4

Assessment: Satisfactory at uppermost location but continuing slightly polluted in Kenmare along left-hand side due to inflowing stream.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Gerah Br	87772	74120	78	KY
0300	Sahaleen Br	90013	73375	78	KY
0500	Kenmare: Finnihy Br (RHS)	90885	71012	78	KY
0510	Kenmare: Finnihy Br (LHS)	90885	71012	78	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	75	13	100	0	4	0	56	0	9	0	30
0300	53	22	100	0	3	0	59	0	16	0	22
0500	5	31	94	6	14	0	48	1	20	0	17
0510	5	31	94	6	14	0	48	1	20	0	17

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **FOUR MILE WATER**

21/F/02

Tributary of : Sea - Dunmanus Bay

OS Catchment No: 237

OS Grid Ref of Confluence: V 944 419

Date(s) Surveyed: 17/10/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1989	1994	1997	2000	2003	2006	
0200	-	4	4-5	4	4	4	
0210	-	3	3-4	4	4	3	
0300	4-5	-	-	-	-	-	
0400	4-5	4-5	4-5	4-5	4	-	
0500	4	4-5	4-5	4-5	4-5	4	

Assessment: Moderately polluted at first location along left-hand side due to farm slurry entering via a pipe and continuing satisfactory at the other sampling location.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Footbridge u/s Letterlicky Br (RHS)	100868	44314	88	CK
0210	Footbridge u/s Letterlicky Br (LHS)	100868	44314	88	CK
0300	Letterlicky Br	0	0	0	CK
0400	SW of Maulinward	98047	43360	88	CK
0500	Br u/s Durrus	94790	42265	88	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	69	8	100	0	69	5	26	0	0	0	0
0210	69	8	100	0	69	5	26	0	0	0	0
0400	39	19	100	0	68	9	18	0	0	0	5
0500	8	27	100	0	66	7	24	0	0	0	4

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLAN STREAM**
 Tributary of : Dunmanus Harbour
 OS Grid Ref of Confluence: V 855 336
 Date(s) Surveyed: 10/10/2006

21/G/13
 OS Catchment No: b3

Station Nos.	Biological Quality Ratings (Q Values)				
	1994	1997	2000	2003	2006
0400	4	4	3-4	3-4	4

Assessment: Satisfactory following improvement since previous survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Br SE of Knockeens	86572	33553	88	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	14	18	100	0	43	2	39	0	8	0	8

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENGARRIFF**
 Tributary of : Sea - Glengarriff Harbour
 OS Grid Ref of Confluence: V 932 561
 Date(s) Surveyed: 12/10/2006

21/G/03

OS Catchment No: 219

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	4-5	5	5	5	5	5
0300	4-5	4-5	4-5	4-5	4-5	4-5

Assessment: Continuing satisfactory with high ecological status recorded at both locations.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br W of Skehil	89720	58306	85	CK
0300	Foot-bridge NW of Glengarriff	91750	56879	85	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	27	12	100	0	13	2	71	0	7	0	7
0300	5	9	100	0	6	16	67	0	8	1	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **INNY (KERRY)**
 Tributary of : Sea - Ballinskelligs Bay
 OS Grid Ref of Confluence: V 496 692
 Date(s) Surveyed: 25/6/2006, 27/6/2006

21/I/01

OS Catchment No: 212

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0300	4	4	4	4	4	4
0400	4	4	4	4	4	4
0500	4	4	3-4	3-4	4	4
0900	4	4	4	3-4	4	4

Assessment: Satisfactory with improvement at two of the locations since 2000 being maintained.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Ballynakilly Br	61578	77159	83	KY
0400	Killeenagh Br	57893	74578	83	KY
0500	Foildrenagh Br	55719	72847	83	KY
0900	2km u/s Inny Br	51818	70317	83	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	64	30	100	0	5	20	60	0	4	0	12
0400	28	80	100	0	6	17	51	0	7	0	19
0500	18	89	100	0	7	16	52	0	8	0	17
0900	4	113	100	0	11	14	51	0	9	0	15

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **ISKNAGAHINY LOUGH STREAM**

21/I/03

Tributary of : Lough Currane

OS Catchment No: 213

OS Grid Ref of Confluence: V 564 655

Date(s) Surveyed: 27/6/2006

Station Nos.	Biological Quality Ratings (Q Values)				
	1994	1997	2000	2003	2006
0100	4-5	4-5	4	4	4-5

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br NW of Caunteens	59762	65805	84	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	32	9	100	0	0	13	32	0	0	0	55

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **KEALDUFF** **21/K/01**
 Tributary of : 21B03 BLACKWATER (KERRY) OS Catchment No: 215
 OS Grid Ref of Confluence: V 772 728
 Date(s) Surveyed: 29/6/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	4-5	4-5	4-5	4-5	4	4

Assessment: Continuing satisfactory but the two most recent surveys have shown a decrease in ecological status from high to good.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br nr Gearha	77412	73502	78	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	57	23	100	0	4	5	56	0	9	1	25

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **KEALINCHA**
 Tributary of : Sea - Coulagh Bay
 OS Grid Ref of Confluence: V 637 502
 Date(s) Surveyed: 11/10/2006

21/K/02

OS Catchment No: 223

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	-	4	4-5	4-5	4-5	-
0200	4-5	-	-	-	-	-
0300	3-4	4	4	4	4-5	4

Assessment: Continuing satisfactory at the only location sampled.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br NW of Kilmackowen	67605	50105	84	CK
0200	Kealincha Br	0	0	0	CK
0300	Drehidawillaun Br	64782	49721	84	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	71	7	100	0	17	0	48	0	0	0	35
0300	23	17	100	0	21	0	39	0	17	0	24

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **LOUGH FADDA STREAM**

21/L/03

Tributary of : 21O09 OWNAGAPPUL

OS Catchment No: h3

OS Grid Ref of Confluence: V 684 555

Date(s) Surveyed: 11/10/2006

Station Nos.	Biological Quality Ratings (Q Values)				
	1994	1997	2000	2003	2006
0100	4	4	4	4	4

Assessment: Continuing satisfactory when sampled in high flow after a prolonged dry spell.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br d/s Lough Fadda	67693	54934	84	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	23	2	100	0	0	0	55	0	0	0	45

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **MAGANNAGAN STREAM**

21/M/02

Tributary of : Sea - Glengarriff Harbour

OS Catchment No: f3

OS Grid Ref of Confluence: V 923 545

Date(s) Surveyed: 12/10/2006

Station Nos.	Biological Quality Ratings (Q Values)				
	1994	1997	2000	2003	2006
0100	4-5	4-5	4-5	4-5	4-5

Assessment: Continuing satisfactory where faunal numbers are scarce, due to substrate type, but quality is high.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Mangannagan Br	92344	54766	85	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	3	8	100	0	3	0	62	0	0	0	34

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **MEALAGH**
 Tributary of : Sea - Bantry Bay
 OS Grid Ref of Confluence: W 005 501
 Date(s) Surveyed: 17/10/2006

21/M/01
 OS Catchment No: 227

Station Nos.	Biological Quality Ratings (Q Values)					
	1987	1994	1997	2000	2003	2006
0100	4	4	4	4-5	4-5	4-5
0200	5	5	5	5	4-5	5
0300	5	5	4-5	4-5	4-5	-
0400	3-4	4	4	4	4	4

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Mealagh Br	111820	53322	85	CK
0200	Br SE of Ards More	106464	52915	85	CK
0300	Br nr Inchiclogh	102733	51248	85	CK
0400	Dunnamark Br	100575	49990	85	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	158	6	100	0	5	27	65	0	0	0	3
0200	84	24	100	0	36	9	52	0	0	0	3
0300	35	45	100	0	45	6	38	0	9	0	2
0400	9	56	100	0	50	5	36	0	7	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWBEG (ROUGHY)**

21/O/02

Tributary of : 21R01 ROUGHY

OS Catchment No: 217

OS Grid Ref of Confluence: V 986 729

Date(s) Surveyed: 13/9/2006, 14/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1987	1993	1997	2000	2003	2006
0200	4-5	4-5	4-5	4-5	4-5	4-5
0500	4-5	4-5	4-5	4	4-5	4-5

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Mangerton Br	99495	76153	78	KY
0500	Ardtully Br	98731	73326	78	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	102	15	100	0	9	3	29	0	0	0	59
0500	19	39	99	1	14	6	44	0	5	0	31

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENBEG (OWVANE)**

21/O/03

Tributary of : 21O07 OWVANE (CORK)

OS Catchment No: 226

OS Grid Ref of Confluence: W 032 556

Date(s) Surveyed: 17/10/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1987	1993	1997	2000	2003	2006
0200	4	4	4	4	4-5	4-5
0400	4	4	4	4	4	-

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br E of Maugha	107136	60147	85	CK
0400	Br u/s Owvane R confl	104409	56761	85	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	132	11	100	0	11	12	64	0	13	0	0
0400	19	17	100	0	27	10	48	0	9	0	6

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENSHAGH**

21/O/08

Tributary of : Sea - Kilmackilloge Harbour

OS Catchment No: 221

OS Grid Ref of Confluence: V 774 584

Date(s) Surveyed: 11/10/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	4	4-5	4	4	4	4

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Lauragh Br	77844	58522	84	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	12	31	100	0	9	1	78	0	3	0	8

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWNAGAPPUL**
 Tributary of : Sea - Ardgroom Harbour
 OS Grid Ref of Confluence: V 689 557
 Date(s) Surveyed: 11/10/2006

21/O/09

OS Catchment No: h3

Station Nos.	Biological Quality Ratings (Q Values)				
	1994	1997	2000	2003	2006
0200	4	4	4	4-5	4

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Slieve Br	69006	55038	84	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	17	11	100	0	1	0	75	0	0	6	18

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWNGAR (CORK)**
 Tributary of : 21O07 OWVANE (CORK)
 OS Grid Ref of Confluence: W 063 571
 Date(s) Surveyed: 16/10/2006

21/O/04

OS Catchment No: 226

Station Nos.	Biological Quality Ratings (Q Values)					
	1987	1994	1997	2000	2003	2006
0200	4	4	4	4-5	4-5	-
0400	4	4-5	4-5	4-5	4-5	4-5

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	SW of Ballynamought	109355	57321	85	CK
0400	Cahermoanteen Br	106465	56629	85	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	105	11	100	0	32	12	57	0	0	0	0
0400	54	19	100	0	39	12	49	0	0	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWREAGH**
 Tributary of : Sea - Sneem Estuary
 OS Grid Ref of Confluence: V 686 663
 Date(s) Surveyed: 28/6/2006

21/O/05

OS Catchment No: 214

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	-	4	5	4-5	4	4
0300	4	4-5	4-5	4-5	4	4-5

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br S of Coomnahorna	64852	66134	84	KY
0300	Br W of Sneem	68024	66707	84	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	63	7	100	0	7	12	69	0	0	0	11
0300	11	17	100	0	3	14	65	0	10	0	8

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWROE**
 Tributary of : 21I01 INNY (KERRY)
 OS Grid Ref of Confluence: V 612 770
 Date(s) Surveyed: 26/6/2006, 28/6/2006

21/O/06
 OS Catchment No: 212

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	4	4	4-5	4-5	4	4
0200	4	4	4	4	4	4

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Toorsadeen Br	61670	79257	83	KY
0200	Owroe Br	61157	77482	83	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	99	8	100	0	0	4	45	0	4	0	48
0200	74	20	100	0	0	3	49	0	8	0	41

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWVANE (CORK)**

21/O/07

Tributary of : Sea - Bantry Bay

OS Catchment No: 226

OS Grid Ref of Confluence: W 006 533

Date(s) Surveyed: 16/10/2006, 17/10/2006, 18/10/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1987	1993	1997	2000	2003	2006
0200	5	4	4-5	4-5	4-5	4-5
0300	4-5	4	4-5	4-5	4	4
0400	4-5	4-5	4-5	4-5	4	4
0410	4-5	4-5	4-5	3	4	4

Assessment: Satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Cappabo Br	108845	59017	85	CK
0300	Carriganass Br	104832	56567	85	CK
0400	Lisheen Br (LHS)	102397	54522	85	CK
0410	Lisheen Br (RHS)	102379	54484	85	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	67	18	100	0	39	2	58	0	0	0	1
0300	21	44	100	0	47	7	46	0	0	0	0
0400	11	72	100	0	49	6	41	0	2	0	2
0410	11	72	100	0	49	6	41	0	2	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **ROUGHTY**
 Tributary of : Sea - Kenmare Bay
 OS Grid Ref of Confluence: V 910 700
 Date(s) Surveyed: 13/9/2006

21/R/01
 OS Catchment No: 217

Station Nos.	Biological Quality Ratings (Q Values)							
	1982	1986	1990	1993	1997	2000	2003	2006
0020	-	-	4-5	4	4-5	4-5	4-5	4-5
0060	-	-	4-5	4	4-5	4-5	4-5	4-5
0070	-	-	3	4	4-5	4-5	4-5	4-5
0100	5	4-5	4-5	4-5	4-5	4-5	5	-
0200	5	4-5	4-5	-	-	-	-	-
0250	-	-	4	4	4	4	4	4
0300	5	5	4-5	-	-	-	-	-
0350	-	-	4	4	4	4	4	-

Assessment: Continuing satisfactory at the four locations sampled.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0020	Br NE of Knockanruddig	108779	70951	79	KY
0060	Inchee Br (RHS)	107735	73939	79	KY
0070	Inchee Br (LHS)	107735	73939	79	KY
0100	Morley's Br	104756	75262	79	KY
0200	Br u/s Slaheny R confl	0	0	0	KY
0250	Ford d/s Slaheny R confl	99832	72862	78	KY
0300	Br near Ardtully Ho	0	0	78	KY
0350	Ford NW of Kilgortaree	95928	72217	78	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0020	222	14	100	0	2	0	92	0	0	0	6
0060	159	35	100	0	5	6	81	0	0	0	8
0070	159	35	100	0	5	6	81	0	0	0	8
0100	74	51	100	0	5	12	76	0	0	0	8
0250	16	120	99	1	9	7	67	0	6	0	11
0350	4	178	98	2	13	8	58	0	5	0	15

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **SHEEN**
 Tributary of : Kenmare River
 OS Grid Ref of Confluence: V 924 702
 Date(s) Surveyed: 14/9/2006

21/S/01

OS Catchment No: 218

Station Nos.	Biological Quality Ratings (Q Values)					
	1987	1994	1997	2000	2003	2006
0100	4	4-5	4-5	4-5	5	4-5
0200	4	-	-	-	-	-
0400	4	4-5	4-5	4-5	4-5	-
0600	4-5	4-5	4	4	4-5	4
0700	-	4	4	4	4	-
0800	4	-	-	-	-	-

Assessment: Continuing satisfactory at the two locations sampled.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Releagh Br	92320	62907	85	KY
0200	Bunane Br	0	0	0	KY
0400	Ford d/s Dromagorteen Br	94934	65576	85	KY
0600	Br nr Dromanassig Waterfall	95233	67977	85	KY
0700	1.1km u/s Sheen Br	92964	70081	78	KY
0800	Sheen Br	0	0	0	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	90	17	100	0	8	11	67	0	4	0	10
0400	49	58	100	0	13	3	73	0	5	0	6
0600	39	78	100	0	15	2	73	0	4	0	5
0700	8	93	100	0	17	2	69	0	5	0	6

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **SLAHENY**
 Tributary of : 21R01 ROUGHTY
 OS Grid Ref of Confluence: W 004 730
 Date(s) Surveyed: 14/9/2006

21/S/02
 OS Catchment No: 217

Station Nos.	Biological Quality Ratings (Q Values)					
	1987	1994	1997	2000	2003	2006
0300	5	4-5	4-5	4-5	4-5	4-5
0500	4-5	4	4-5	4	4-5	4

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Ford NE of Shandrum	101923	69685	85	KY
0500	Coolyard Br	100426	72709	79	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	72	30	100	0	7	3	61	0	0	0	29
0500	21	48	100	0	10	2	64	0	5	0	19

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **SNEEM**
 Tributary of : Kenmare River
 OS Grid Ref of Confluence: V 690 667
 Date(s) Surveyed: 28/6/2006

21/S/03

OS Catchment No: 214

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	-	4-5	4-5	4-5	4-5	4-5
0400	4	4	4-5	4-5	4-5	4-5

Assessment: Continuing satisfactory with high ecological status at both locations.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br E of Dromtine Lough	67057	69862	84	KY
0400	Br u/s Ardsheelhane R confl	68914	67532	84	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	59	11	100	0	0	3	91	0	1	0	5
0400	8	31	100	0	1	10	81	0	6	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **TAHILLA**
 Tributary of : Sea - Coongar Harbour
 OS Grid Ref of Confluence: V 743 655
 Date(s) Surveyed: 28/6/2006

21/T/01
 OS Catchment No: 13

Station Nos.	Biological Quality Ratings (Q Values)				
	1994	1997	2000	2003	2006
0200	4-5	4-5	3	4	4-5

Assessment: Satisfactory with status back to high in 2006 the same as when first sampled twelve years previously.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Tahilla Br	74433	65811	84	KY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	6	17	100	0	20	0	52	0	6	0	22

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **TRAFRASK STREAM** **21/T/03**
 Tributary of : Sea - East of Adrigole Harbour OS Catchment No: f3
 OS Grid Ref of Confluence: V 848 494
 Date(s) Surveyed: 12/10/2006

Station Nos.	Biological Quality Ratings (Q Values)				
	1994	1997	2000	2003	2006
0300	4-5	4-5	4-5	4-5	4-5

Assessment: Satisfactory with high ecological status again recorded. A new bridge had recently been completed at the time of 2006 survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Trafrask Br	85145	49578	85	CK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	8	17	100	0	22	0	46	0	16	0	16

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

HYDROMETRIC AREA 24 (Shannon Estuary South: Balance of Survey)

Partial Survey in 2005, Balance of Survey in 2006.

AHACRONANE	24A01
BARNAKYLE	24B05
CAMOGHE	24C01
CHARLEVILLE STREAM	24C02
CLONSHIRE	24C03
CLOONLAHARD STREAM *	24C06
DOONCAHA STREAM *	24D07
FLEMINGSTOWN STREAM	24F03
GREANAGH	24G05
LISMAKEERY STREAM	24L03
LOOBAGH	24L01
MAHORE	24M04
MAIGUE	24M01
MORNINGSTAR	24M02
OWVANE (LIMERICK)	24O02
SHANAGOLDEN STREAM	24S02

* CLOONLAHARD STREAM Formerly West Branch of Owvane (Limerick)
24O02

* DOONCAHA STREAM Formerly reported as the Middle Branch of the
Shanagolden Stream

River and Code : **AHACRONANE**
 Tributary of : Sea - Shannon Estuary
 OS Grid Ref of Confluence: R 282 500
 Date(s) Surveyed: 22/8/2006

24/A/01
 OS Catchment No: 155

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1993	1996	1999	2002	2006
0400	3	3	3	3	3	3
0700	3	-	-	-	-	-
0900	3	3	3	3	3	3

Assessment: Poor ecological quality at both locations in this calcareous, spring-influenced, river.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Br N of Lissatotan	130843	144103	64	LK
0700	Br N of Nutgrove Ho	0	0	0	LK
0900	Br SW of Barrigone	128407	149779	64	LK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	37	10	0	100	89	0	5	0	6	0	0
0900	2	22	0	100	77	0	2	0	10	0	10

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BARNAKYLE**
 Tributary of : 24M01 MAIGUE
 OS Grid Ref of Confluence: R 481 529
 Date(s) Surveyed: 19/10/2006

24/B/05

OS Catchment No: 155

Station Nos.	Biological Quality Ratings (Q Values)					
	1988	1994	1996	1999	2003	2006
0300	-	3	3-4	3	3	3
0400	-	3	3-4	3-4	3-4	3-4
0500	4	-	-	-	-	-
0600	3-4	3	2-3	3	3	3

Assessment: Continuing unsatisfactory with poor and moderate ecological status in this calcareous river.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Br SW of Kilpeacon Crossroads	156264	147695	65	LK
0400	Dooneen Br	154611	149862	65	LK
0500	Barnakyle Br	0	0	0	LK
0600	Br SE of Clarina	151064	153057	65	LK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	34	12	0	100	86	0	0	0	14	0	0
0400	20	1	0	100	61	0	0	0	39	0	0
0600	7	43	0	100	85	0	0	5	9	0	1

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CAMOGE**
 Tributary of : 24M01 MAIGUE
 OS Grid Ref of Confluence: R 522 394
 Date(s) Surveyed: 18/10/2006, 19/10/2006

24/C/01
 OS Catchment No: 155

Station Nos.	Biological Quality Ratings (Q Values)								
	1976	1981	1984	1988	1993	1996	1999	2003	2006
0100	-	3	3-4	3-4	3-4	3-4	4	3-4	3-4
0200	-	3-4	3-4	3-4	3-4	4	4	3-4	3-4
0250	-	3-4	3-4	3-4	4	3-4	4	3-4	-
0300	-	3-4	3-4	3-4	3-4	-	-	-	-
0400	-	4	3-4	3-4	3-4	3-4	3-4	3-4	4
0500	-	3-4	3-4	3-4	4	3-4	3-4	3-4	-
0600	4-5	4	4	4	3-4	3-4	3-4	3-4	4

Assessment: Continuing eutrophic in upper reaches. The protected crayfish was present at all locations.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Cloghansoun Br	167600	141268	65	LK
0200	Longford Br	164528	143496	65	LK
0250	Nr Ballycullane	160346	142417	65	LK
0300	Cloghnamanagh Br	158844	141500	0	LK
0400	Gray's Br	157970	140345	65	LK
0500	Monaster Br	154902	140887	65	LK
0600	Cloghanduff Br	152484	139518	65	LK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	73	158	8	92	98	0	0	1	1	0	1
0200	70	202	6	94	97	0	0	1	2	0	0
0250	57	236	5	95	96	0	0	1	3	0	0
0400	49	244	5	95	96	0	0	1	3	0	0
0500	33	261	5	95	96	0	0	1	3	0	0
0600	24	265	5	95	96	0	0	1	3	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CHARLEVILLE STREAM**

24/C/02

Tributary of : 24M01 MAIGUE

OS Catchment No: 155

OS Grid Ref of Confluence: R 543 274

Date(s) Surveyed: 27/9/2006

Station Nos.	Biological Quality Ratings (Q Values)							
	1986	1988	1989	1994	1996	1999	2003	2006
0200	-	-	-	3	3	2-3	3	3
0400	1	-	2-3	-	-	-	-	-
0500	2	2	2-3	2-3	2-3	2-3	2-3	2-3
0800	3	2	2-3	2-3	3	3	3	3

Assessment: Poor ecological quality recorded at all three locations.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	New Line Br [Glen R]	153534	122380	73	CK
0400	Br S of Ballincolly	0	0	0	CK
0500	Br NW of Ballincolly	154136	125076	73	LK
0800	Just u/s Maigue R confl	154304	127653	73	LK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	109	6	0	100	83	0	0	17	0	0	0
0500	66	12	0	100	81	0	0	19	0	0	0
0800	56	105	5	94	92	0	0	3	4	0	1

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CLONSHIRE**
 Tributary of : 24G05 GREANAGH
 OS Grid Ref of Confluence: R 440 454
 Date(s) Surveyed: 22/8/2006, 23/8/2006

24/C/03

OS Catchment No: 155

Station Nos.	Biological Quality Ratings (Q Values)						
	1988	1989	1993	1996	1999	2002	2006
0200	4	-	3	-	-	-	-
0300	3-4	-	3	3	3	3	3
0600	3	-	3-4	3-4	3	3	-
0700	3	3	3	3	3	3	3
0710	1	3	3	3	3	3	3
0900	3-4	-	3-4	3	3	3	3-4

Assessment: Continuing unsatisfactory. At the uppermost location an artificial lake was leading to some siltation.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br in Ballingarry	0	0	0	LK
0300	Br N of Ballingarry	141901	137567	65	LK
0600	Milltown Br	142179	141759	65	LK
0700	Drehidnaman Br (LHS)	142341	143934	65	LK
0710	Drehidnaman Br (RHS)	142341	143934	65	LK
0900	Tuogh Br	143201	146278	65	LK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	52	7	72	22	76	0	0	5	19	0	0
0600	25	26	28	68	80	0	2	1	17	0	0
0700	20	51	15	83	82	0	1	2	15	0	0
0710	20	51	15	83	82	0	1	2	15	0	0
0900	8	73	10	88	82	1	1	1	13	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CLOONLAHARD STREAM** **24/C/06**
 Tributary of : 24O02 OWVANE (LIMERICK) OS Catchment No: 155d
 OS Grid Ref of Confluence:
 Date(s) Surveyed: 21/8/2006

Formerly West Branch of Owvane (Limerick) 24O02

Station Nos.	1994	1996	Biological Quality Ratings (Q Values)	
	1999	2006	1999	2006
0040	4	4	4	3

Assessment: Poor faunal response in the very low flow conditions, where the stream was reduced to a series of pools, in August 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0040	Br u/s Cloonlahard Br	118127	143474	64	LK

River and Code : **DOONCAHA STREAM** **24/D/07**
 Tributary of : 24S02 SHANAGOLDEN STREAM OS Catchment No: 155
 OS Grid Ref of Confluence: R 270 492
 Date(s) Surveyed: 22/8/2006

Formerly reported as the Middle Branch of the Shanagolden Stream

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1996	1999	2002	2006
1000	2	2-3	2-3	2-3	3	3
1200	3	-	-	-	-	-

Assessment: Continuing with poor ecological quality.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
1000	Br SW of Tiermore	126029	145473	64	LK
1200	Bartholemew's Br	0	0	0	LK

River and Code : **FLEMINGSTOWN STREAM**

24/F/03

Tributary of : 24L01 LOOBAGH

OS Catchment No: 155

OS Grid Ref of Confluence: R 638 263

Date(s) Surveyed: 27/9/2006

Station Nos.	Biological Quality Ratings (Q Values)				
	1994	1996	1999	2002	2006
0500	4	4	4	4	4

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0500	Gotoon Br	164363	124660	73	LK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0500	109	15	55	45	88	10	2	0	0	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GREANAGH**
 Tributary of : 24M01 MAIGUE
 OS Grid Ref of Confluence: R 463 477
 Date(s) Surveyed: 22/8/2006

24/G/05
 OS Catchment No: 155

Station Nos.	Biological Quality Ratings (Q Values)					
	1988	1993	1996	1999	2002	2006
0300	3-4	-	-	-	-	-
0500	3-4	-	-	-	-	-
0600	3-4	3-4	3	3	3	3-4

Assessment: Some amelioration in condition since previous survey but continuing unsatisfactory. Also known by the variant spelling Greananagh.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Br SW of Finniterstown	0	0	0	LK
0500	Br WSW of Cummeen	0	0	0	LK
0600	Coolagh Br	144338	146349	65	LK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0600	7	84	9	90	81	2	1	1	14	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **LISMAKEERY STREAM**

24/L/03

Tributary of : Sea - Shannon Estuary

OS Catchment No: 155

OS Grid Ref of Confluence: R 324 520

Date(s) Surveyed: 22/8/2006

Station Nos.	Biological Quality Ratings (Q Values)				
	1993	1996	1999	2002	2006
0600	3-4	3	3	3	3

Assessment: The largely calcified substratum again yielded a poor faunal response.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0600	Br SE of Tomdeely	132323	150726	64	LK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0600	10	19	0	100	72	2	0	0	19	0	7

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **LOOBAGH**
 Tributary of : 24M01 MAIGUE
 OS Grid Ref of Confluence: R 545 278
 Date(s) Surveyed: 22/8/2006, 27/9/2006

24/L/01
 OS Catchment No: 155

Station Nos.	Biological Quality Ratings (Q Values)												
	1909	1971	1976	1978	1980	1982	1986	1988	1994	1996	1999	2002	2006
0200	-	-	-	4	4	-	4	4	4	4	4	4	4
0300	-	5	4-5	3-4	4	4	4	4	4-5	4-5	4	4	4
0400	-	4	4-5	3-4	3-4	3-4	3-4	3-4	3	2-3	3	2	3-4
0500	-	4-5	4-5	3-4	3-4	3-4	3-4	3-4	4	3	3-4	3	4
0510	3	4-5	4-5	3-4	3-4	3-4	3-4	3-4	3	3	3-4	-	4
0600	-	4-5	4	3-4	3-4	3-4	3-4	4	4	3-4	4	4	4

Assessment: Mostly satisfactory following improvement, since previous survey. Although much improved, slightly polluted downstream of Kilmallock due to sewage.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Ballinanima Br	166554	124729	73	LK
0300	Riversfield Br	163147	126465	73	LK
0400	North Br, d/s Kilmallock	160670	128462	73	LK
0500	Br N of Kilbreedy (LHS)	157718	127816	73	LK
0510	Br N of Kilbreedy (RHS)	157718	127816	73	LK
0600	Garroose Br	155054	127455	73	LK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	112	16	88	12	62	25	0	2	0	0	11
0300	93	66	51	49	85	11	1	1	0	0	3
0400	80	81	42	58	86	9	1	1	1	0	2
0500	67	97	35	65	88	8	0	1	0	0	2
0510	67	97	35	65	88	8	0	1	0	0	2
0600	58	129	26	74	91	6	0	1	1	0	1

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **MAHORE**
 Tributary of : 24C01 CAMOGE
 OS Grid Ref of Confluence: R 688 385
 Date(s) Surveyed: 18/10/2006

24/M/04
 OS Catchment No: 155

Station Nos.	Biological Quality Ratings (Q Values)					
	1988	1993	1996	1999	2003	2006
0300	3	3	-	-	-	-
0500	3-4	3	3	3	3-4	3-4
0700	3-4	3	3	3	3	-
0800	3-4	3	-	-	-	-
0900	3-4	3-4	3	3-4	3-4	3-4

Assessment: Continuing slightly polluted where sampled.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Rodus Br	0	0	0	TY
0500	Ballynaveen Br	172861	135204	65	TY
0700	Hospital Br	170604	136254	65	LK
0800	Ford d/s Hospital Br	0	0	0	LK
0900	O'Carroll's Br	168953	137988	65	LK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0500	91	34	21	79	100	0	0	0	0	0	0
0700	85	41	17	83	100	0	0	0	0	0	0
0900	78	44	16	84	99	0	0	0	1	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **MAIGUE**
 Tributary of : Sea - Shannon Estuary
 OS Grid Ref of Confluence: R 456 568
 Date(s) Surveyed: 23/8/2006, 24/8/2006

24/M/01
 OS Catchment No: 155

Station Nos.	Biological Quality Ratings (Q Values)											
	1971	1974	1976	1978	1981	1984	1988	1994	1996	1999	2002	2006
0010	-	-	-	-	-	-	3	-	-	-	-	-
0020	-	-	-	-	-	-	-	3	3	2-3	3	Dry
0050	-	-	-	-	-	-	3	3	3	3	3	3
0100	4-5	4	-	-	-	4	3-4	-	-	-	-	-
0200	3	3	4	3-4	-	3-4	3-4	3	3	3-4	3-4	-
0300	2-3	3	3	3	-	3-4	3-4	3	3	3	3-4	3-4
0400	4	4	4	4	-	3-4	3-4	3-4	3	3	3-4	3-4
0500	4-5	4	-	4	3-4	3-4	3-4	3-4	3	3-4	3-4	3-4
0600	4	4	-	4	3-4	3-4	3-4	-	-	-	-	-
0700	4	4	-	4	4	4	4	3-4	3	3	3-4	3-4
0800	-	-	-	4	4	3-4	3-4	-	-	-	-	-
0900	4-5	4	-	4	3-4	3-4	3-4	3-4	3	3	3-4	4

Assessment: Continuing mostly eutrophic. The first location was dry in August 2006 while the final one was satisfactory marking the first time since 1988 that any site has reached such status. Very high conductivity values were recorded between Bruree and Croom indicating a source, or sources, of salts (e.g. NaCl).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0010	Coor Br	143730	125188	0	CK
0020	Belleisle Br	145115	126346	73	LK
0050	Fort Br	150644	125676	73	LK
0100	Fort Br East	151355	126685	0	LK
0200	Creggane Br	153423	127285	73	LK
0300	Br in Bruree	154954	130436	65	LK
0400	Howardstown Br	154059	132893	65	LK
0500	Br nr Rosstemple	153491	136621	65	LK
0600	Cherrygrove Br	152794	138505	65	LK
0700	Br in Croom	151274	141001	65	LK
0800	Br (Ford) nr Caherass Ho	150215	142690	0	LK
0900	Castleroberts Br	148000	143779	65	LK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0020	92	13	0	100	99	0	0	0	1	0	0
0050	66	65	6	93	92	0	0	1	6	0	1
0200	58	83	6	92	93	0	0	1	6	0	1
0300	50	242	17	83	92	3	0	2	2	0	1
0400	40	280	16	83	93	3	0	1	2	0	1
0500	29	477	20	80	93	2	0	1	3	0	1
0600	25	488	21	79	93	2	0	1	3	0	1
0700	19	770	16	84	94	1	0	1	3	0	1
0900	11	806	15	85	94	1	0	1	3	0	1

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **MORNINGSTAR**

24/M/02

Tributary of : 24M01 MAIGUE

OS Catchment No: 155

OS Grid Ref of Confluence: R 538 334

Date(s) Surveyed: 24/8/2006, 25/8/2006

Station Nos.	Biological Quality Ratings (Q Values)								
	1976	1981	1986	1988	1993	1996	1999	2002	2006
0050	-	-	-	3-4	4	4	-	-	-
0100	-	4-5	3-4	3-4	-	-	-	-	-
0200	-	4	3-4	3-4	4	4	4	4	4
0250	-	-	-	3-4	-	-	-	-	-
0300	-	4	3	3-4	3-4	3	3-4	4	4
0350	-	3-4	3	3	3-4	-	-	-	-
0400	-	4	3	3-4	3-4	3-4	3-4	3-4	4
0500	-	4	4	3-4	3-4	4	4	3-4	4
0550	-	-	-	3-4	-	-	-	-	-
0600	-	4	3-4	3-4	4	4	4	3-4	4
0630	-	-	-	3-4	-	-	-	-	-
0650	-	-	-	-	-	3-4	4	3-4	-
0700	4	3-4	4	3-4	3-4	-	-	-	-
0800	-	3-4	4	3-4	3-4	4	3-4	3-4	4

Assessment: Satisfactory, with good ecological quality recorded throughout in 2006, marking the first time since surveys began in 1976 that all locations examined attained such status.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Br NE of Ballyfroota	0	0	0	LK
0100	Br SE of Pinker's Cross	0	0	0	LK
0200	Aughavoona Br	174282	128150	73	LK
0250	Br u/s Ballynahinch Br	0	0	0	LK
0300	Ballinahinch Br	170152	128666	73	LK
0350	Elton Br	0	0	0	LK
0400	Gormanstown Br	166505	132400	65	LK
0500	Ballyvolane Br	165219	135320	65	LK
0550	Nr Vicarage, u/s Bruff	0	0	0	LK
0600	Br 1.5 km d/s Bruff	161494	136657	65	LK
0630	Br d/s Camas Br	0	0	0	LK
0650	SW of Carrigeen	159083	136451	65	LK
0700	Athlacca Br	0	0	0	LK
0800	Br 2 km d/s Athlacca	154361	133544	65	LK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	118	24	86	14	85	4	0	1	8	0	2
0300	108	40	64	36	88	4	2	1	5	0	1
0400	86	62	44	56	87	3	1	0	8	0	1
0500	73	73	37	63	89	2	1	0	7	0	1
0600	57	99	28	72	90	2	1	1	6	0	1
0650	50	117	25	75	92	1	1	1	5	0	1
0800	40	135	22	78	93	1	1	1	4	0	1

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWVANE (LIMERICK)**

24/O/02

Tributary of : Sea - Shannon Estuary

OS Catchment No: 155

OS Grid Ref of Confluence: R 192 498

Date(s) Surveyed: 21/8/2006

Station Nos.	Biological Quality Ratings (Q Values)									
	1971	1975	1979	1986	1988	1994	1996	1999	2002	2006
0050	-	-	-	-	-	4	-	-	-	-
0070	-	-	-	-	-	-	-	4-5	4	4
0075	-	-	-	-	-	3-4	3-4	4	4	4
0090	-	-	-	-	4	4	4	4	4	4
0100	5	4-5	4-5	4-5	3-4	-	-	-	-	-
0120	-	-	-	-	-	4	3-4	4	3-4	-
0200	5	4-5	4-5	4	3-4	4	3-4	4	4	4

Assessment: Satisfactory with good ecological quality at all locations. Also known as White River.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	0.1km u/s confl with Main Channel	0	0	0	
0070	Br S of Gortadroma	122260	143136	64	LK
0075	Br SW of Gortadroma	121672	143159	64	LK
0090	Br u/s Ballyhahill Br	120171	145841	64	LK
0100	Ballyhahill Br	0	0	0	LK
0120	0.5km d/s Ballyhahill Br	119348	146397	64	LK
0200	Br u/s (SE of) Loghill	119326	149587	64	LK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0070	105	14	0	100	47	24	15	0	3	0	12
0075	103	16	0	100	46	21	16	2	4	0	10
0090	67	24	0	100	47	19	15	1	5	0	13
0120	52	52	0	100	41	13	24	1	3	0	19
0200	7	70	0	100	53	9	18	0	3	0	17

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **SHANAGOLDEN STREAM**

24/S/02

Tributary of : Sea - Shannon Estuary

OS Catchment No: 155

OS Grid Ref of Confluence: R 270 500

Date(s) Surveyed: 22/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1996	1999	2002	2006
1700	-	4	3-4	3	3	4
1800	3-4	-	-	-	-	-
1900	2-3	-	-	-	-	-
2000	3	3-4	4	4	3-4*	4

Assessment: Satisfactory following improvement at both locations.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
1700	Br S of Shanagolden	125088	146370	64	LK
1800	Br SE of Shanagolden	0	0	0	LK
1900	1.3km d/s 1800	0	0	0	LK
2000	Br NW of Stokesfield	126981	149371	64	LK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
1700	40	5	0	100	69	8	8	0	15	0	0
2000	3	31	0	100	85	2	2	2	6	0	3

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

HYDROMETRIC AREA 25 (Shannon Lower: Balance of Survey)

Partial Survey in 2005, Balance of Survey in 2006.

AYLE	25A07
BLACK (BALLYBOY)	25B04
BLACKWATER (CLARE)	25B06
BLEACH	25B07
BOW	25B10
CAPPAGH (GALWAY)	25C03
CLOGHAUN	25C07
COOS	25C08
CORRA	25C09
DERRAINY	25D10
DRUMANDOORA	25D06
DRUMKEARY STREAM	25D11
DUNIRY	25D07
EYRECOURT STREAM	25E01
GRANEY (SHANNON)	25G04
GROODY	25G05
KILCROW	25K01
LISDUFF (KILCROW)	25L06
MOUNTRICE	25M03
MULKEAR (LIMERICK)	25M04
WOODFORD (GALWAY)	25W01

River and Code : **AYLE** **25/A/07**
 Tributary of : 25C07 CLOGHAUN OS Catchment No: 155
 OS Grid Ref of Confluence: R 543 827
 Date(s) Surveyed: 15/6/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1988	1993	1996	1999	2003	2006
0400	5	5	4-5	4-5	4-5	4

Assessment: Satisfactory in 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Br u/s Cloghaun R confl	154346	183526	58	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	45	1	0	100	76	0	24	0	0	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BLACK (BALLYBOY)** **25/B/04**
 Tributary of : 25S02 SILVER (KILCORMAC) OS Catchment No: 155
 OS Grid Ref of Confluence: N 247 130
 Date(s) Surveyed: 29/6/2006

Station Nos.	Biological Quality Ratings (Q Values)				
	1987	1993	1996	1999	2006
0200	4-5	4	4-5	4-5	4

Assessment: The Black (Ballyboy) was in satisfactory condition when surveyed in late June 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br 0.5 km u/s Silver R	224737	212704	54	OF

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	80	35	53	47	46	10	27	0	13	0	5

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BLACKWATER (CLARE)**

25/B/06

Tributary of : 25S01 SHANNON (Lower)

OS Catchment No: 155

OS Grid Ref of Confluence: R 609 587

Date(s) Surveyed: 13/6/2006, 28/6/2006

Station Nos.	Biological Quality Ratings (Q Values)							
	1984	1986	1988	1994	1996	1999	2002	2006
0030	-	-	5	5	-	4-5	3-4*	4
0120	-	-	4-5	5	4	4	4-5	4-5
0250	4	4	-	4-5	4-5	4-5	4	4

Assessment: Satisfactory at all three sites surveyed in June 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0030	Br SE of Cappanagh	156366	165519	58	CE
0120	Br d/s Killaly's Br	159307	165480	58	CE
0250	Br SW of Mt St Catherine	161199	161530	58	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0030	72	8	100	0	45	6	1	2	19	0	27
0120	40	36	100	0	57	3	11	0	8	0	21
0250	16	59	90	10	65	5	10	1	6	0	13

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BLEACH**
 Tributary of : Lough Graney
 OS Grid Ref of Confluence: R 556 949
 Date(s) Surveyed: 28/6/2006

25/B/07
 OS Catchment No: 155

Station Nos.	Biological Quality Ratings (Q Values)						
	1987	1989	1993	1996	1999	2003	2006
0100	-	5	-	4-5	4-5	4-5	-
0190	-	-	-	-	-	-	4-5
0200	5	5	5	4-5	4-5	4-5	-

Assessment: The Bleach was of high status when surveyed in 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Corlea Br	160125	196179	52	CE
0190	Br u/s Bleach Br .	157330	195920	52	CE
0200	Bleach Br	157008	195709	52	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	93	46	100	0	2	32	23	0	0	2	40
0200	54	61	98	2	5	33	26	0	0	2	34

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BOW**
 Tributary of : Lough Derg
 OS Grid Ref of Confluence: R 678 847
 Date(s) Surveyed: 28/6/2006

25/B/10

OS Catchment No: 155

Station Nos.	Biological Quality Ratings (Q Values)								
	1975	1980	1984	1988	1993	1996	1999	2002	2006
0100	-	5	5	5	5	5	5	4-5	-
0200	5	5	4-5	5	5	3-4	4-5	4-5	4-5

Assessment: Remaining in satisfactory condition.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bow River Br	166576	187099	58	CE
0200	Cloontymweenagh Br	167422	185157	58	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	66	10	100	0	40	0	38	0	6	0	15
0200	34	12	86	14	48	0	33	0	6	0	13

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CAPPAGH (GALWAY)**

25/C/03

Tributary of : 25K01 KILCROW

OS Catchment No: 155

OS Grid Ref of Confluence: M 795 042

Date(s) Surveyed: 19/9/2006

Station Nos.	Biological Quality Ratings (Q Values)								
	1975	1979	1983	1987	1993	1996	1999	2003	2006
0100	-	-	-	4-5	4	3-4	3-4	3-4	4
0200	4	4	4	3-4	4	3	4	4	4
0400	-	-	4	4	4	-	-	4-5	3-4

Assessment: An improvement was noted in the upper Cappagh (0100) where farm pollution had previously been recorded. The middle reaches were satisfactory (0200) with no change on previous surveys but a deterioration in quality was noted at the last site surveyed on the lower Cappagh (0400) in comparison with the 2003 survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Metal Bridge	168182	211277	52	GY
0200	Bridge W. of Duniry Village	172362	209351	53	GY
0400	Cappagh Bridge	177220	205615	0	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	50	13	67	33	30	30	6	0	0	0	33
0200	41	62	23	77	76	8	1	1	6	0	8

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CLOGHAUN** **25/C/07**
 Tributary of : 25G04 GRANNEY (SHANNON) OS Catchment No: 155
 OS Grid Ref of Confluence: R 602 844
 Date(s) Surveyed: 14/6/2006, 15/6/2006

Station Nos.	Biological Quality Ratings (Q Values)							
	1986	1987	1989	1993	1996	1999	2003	2006
0200	-	-	5	4	4-5	4-5	4-5	4
0400	-	-	4-5	-	4-5	4	4	4
0600	4	4-5	5	4-5	3-4	4	3-4	3-4

Assessment: A deterioration in quality was noted in the Cloghaun in June 2006 in the upper reaches (0200). The remaining stations surveyed (0400,0600) showed no change compared with the 2003 results with the lower site still slightly polluted.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br N of Gortacummer	152101	183895	58	CE
0400	Annaghneal Br	155747	182673	58	CE
0600	Core Br	159779	184402	58	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	47	10	86	14	51	20	13	0	0	0	16
0400	39	33	55	44	65	8	11	0	10	1	5
0600	39	28	51	49	75	1	10	1	13	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **COOS**
 Tributary of : Lough Derg
 OS Grid Ref of Confluence: R 763 946
 Date(s) Surveyed: 15/6/2006

25/C/08
 OS Catchment No: 155

Station Nos.	Biological Quality Ratings (Q Values)										
	1975	1979	1984	1987	1988	1989	1993	1996	1999	2003	2006
0010	-	-	-	-	-	-	-	5	4-5	4	4
0200	3-4	5	4	1	2	3	2-3	-	1	3	4

Assessment: The Coos River achieved satisfactory status at both sites surveyed in 2006 for the first time in almost 20 years.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0010	Br N of Boleynabrone	170700	194698	52	GY
0200	Tooreeny Br	175169	193760	53	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0010	147	8	100	0	0	12	59	0	0	0	29
0200	36	15	100	0	12	6	67	0	0	0	15

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CORRA** **25/C/09**
 Tributary of : 25G04 GRANNEY (SHANNON) OS Catchment No: 155
 OS Grid Ref of Confluence: R 594 888
 Date(s) Surveyed: 15/6/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1987	1989	1993	1996	1999	2003	2006
0400	5	5	5	5	5	5	4-5

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Gortaderry Br	159503	189303	58	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	49	19	100	0	33	23	33	0	0	0	12

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DERRAINY**
 Tributary of : Lough Alewnaghta
 OS Grid Ref of Confluence: R 755 911
 Date(s) Surveyed: 15/6/2006

25/D/10
 OS Catchment No: 155

Station Nos.	Biological Quality Ratings (Q Values)							
	1982	1984	1987	1993	1996	1999	2002	2006
0200	4-5	3-4	5	5	4	4	4-5	4-5

Assessment: Satisfactory. No change in comparison with the 2002 survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br at Derrainy	174987	191548	53	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	36	15	99	1	3	28	22	0	19	0	28

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DRUMANDOORA**

25/D/06

Tributary of : Lough Graney

OS Catchment No: 155

OS Grid Ref of Confluence: R 551 951

Date(s) Surveyed: 28/6/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1987	1989	1994	1996	1999	2003	2006
0200	-	5	5	4	4-5	4-5	-
0500	-	-	-	-	4-5	4	4-5
0600	4	4	4-5	4	-	-	-

Assessment: Satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br N of Drumandoora West	150711	194288	52	CE
0500	2nd Br u/s Lough Graney	153711	195643	52	CE
0600	Br u/s L Graney	153681	195648	52	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	92	5	100	0	32	8	47	0	0	0	13
0500	49	16	100	0	37	8	19	0	0	0	36
0600	49	16	100	0	37	8	19	0	0	0	36

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DRUMKEARY STREAM**

25/D/11

Tributary of : 25D07 DUNIRY

OS Catchment No: 155

OS Grid Ref of Confluence: M 698 088

Date(s) Surveyed: 29/8/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1987	1989	1993	1996	1999	2003	2006
0300	-	4	4-5	4-5	4-5	4	4
0350	5	-	5	-	4-5	4-5	4

Assessment: While satisfactory at both sites there was a decline in quality at the lower site surveyed (0350).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Bridge N.W. of Drumkeary	167822	206490	52	GY
0350	Second Br u/s Duniry River	169636	207376	52	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	81	10	83	17	8	16	56	0	3	0	17
0350	59	18	60	40	28	14	42	0	2	0	14

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DUNIRY**
 Tributary of : 25C03 CAPPAGH (GALWAY)
 OS Grid Ref of Confluence: M 723 090
 Date(s) Surveyed: 19/9/2006

25/D/07

OS Catchment No: 155

Station Nos.	Biological Quality Ratings (Q Values)						
	1987	1989	1993	1996	1999	2003	2006
0100	5	5	4-5	5	4-5	4-5	4
0200	-	5	4-5	5	4-5	4-5	4-5
0400	5	5	5	5	5	5	4-5

Assessment: The Duniry River was satisfactory over its length when surveyed in September 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Cullenagh Bridge	164876	207685	52	GY
0200	Bridge u/s Ballinasack Br	169103	208710	52	GY
0400	Just u/s Cappagh River confl	172204	208956	53	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	153	8	100	0	0	41	22	0	10	0	27
0200	56	16	95	5	3	51	13	0	7	0	25
0400	40	102	40	60	56	15	11	0	5	0	12

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **EYRECOURT STREAM**

25/E/01

Tributary of : 25S01 SHANNON (Lower)

OS Catchment No: 155

OS Grid Ref of Confluence: M 957 152

Date(s) Surveyed: 18/9/2006

Station Nos.	Biological Quality Ratings (Q Values)								
	1980	1983	1986	1988	1993	1996	1999	2003	2006
0100	3	3	3	2-3	3	2	2-3	2-3	2-3
0200	-	-	3	3	3	-	3	3	-

Assessment: The Eyrecourt Stream was moderately polluted due to sewage discharges at Station 0100 with no significant change since 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bridge N.N.E. of Fearmore	193323	215927	53	GY
0200	Br at Kilhonerush	195174	215015	53	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	41	14	0	100	89	0	1	2	6	0	1
0200	36	17	0	100	88	0	1	2	8	0	1

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GRANEY (SHANNON)**

25/G/04

Tributary of : Lough Derg

OS Catchment No: 155

OS Grid Ref of Confluence: R 658 837

Date(s) Surveyed: 14/6/2006

Station Nos.	Biological Quality Ratings (Q Values)												
	1971	1975	1979	1981	1984	1986	1987	1993	1994	1996	1999	2003	2006
0010	-	-	-	-	4	-	4-5	5	-	5	5	4-5	4-5
0025	-	-	-	-	4-5	-	5	5	-	5	5	5	4-5
0100	-	-	4	-	4	-	4	4	-	3	4	4-5	4
0200	5	5	4	-	5	-	5	-	5	4	4	5	4-5
0300	5	5	4	5	4	4-5	4	-	-	4	-	3*	3-4
0400	-	-	-	-	-	-	-	-	-	3	3	2	3

Assessment: The Graney upstream of Scarriff is generally satisfactory. A deterioration is noted in the vicinity of the town of Scarriff.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0010	Br d/s Lough Ea	152204	189165	58	CE
0025	Caher Br	155396	190000	52	CE
0100	Aughaderreen Br	158150	189587	58	CE
0200	Cooleen Br	160294	186009	58	CE
0300	1 km u/s Scarriff Br	163300	184296	58	CE
0400	400 m d/s Scarriff Br	164559	183801	58	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0010	185	3	100	0	3	35	44	0	0	0	19
0025	58	12	100	0	30	22	26	0	6	0	15
0100	46	131	99	1	29	21	20	0	2	4	25
0200	39	171	99	1	33	19	19	0	2	3	24
0300	35	229	87	13	42	14	17	0	5	2	19
0400	32	239	86	14	43	14	17	0	5	2	19

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GROODY**

25/G/05

Tributary of : 25S01 SHANNON (Lower)

OS Catchment No: 155

OS Grid Ref of Confluence: R 604 577

Date(s) Surveyed: 12/6/2006

Station Nos.	Biological Quality Ratings (Q Values)										
	1971	1975	1979	1983	1985	1987	1993	1996	1999	2002	2006
0100	4	4	4	4	3-4	3	3	3-4	3	3-4	-
0150	-	-	-	-	3-4	3	3	3	3	3	-
0200	4	4	4	4	3	3-4	3	3	3	3*	3-4
0300	4	4	4	4	-	3-4	3	-	-	-	-

Assessment: The Groody was in unsatisfactory condition where sampled at Ballysimon (0200) in June 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br 2km N of Caherconlish	167746	151663	65	LK
0150	Killonan Br	163587	154302	65	LK
0200	Br in Ballysimon	161539	155168	65	LK
0300	Groody Br	160593	157094	65	LK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	33	7	0	100	95	0	0	4	0	0	0
0150	22	43	0	100	97	0	0	1	1	0	0
0200	10	48	0	100	97	0	0	2	1	0	0
0300	6	51	0	100	94	0	0	5	1	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **KILCROW**
 Tributary of : Lough Derg
 OS Grid Ref of Confluence: M 801 031
 Date(s) Surveyed: 27/6/2006, 29/8/2006

25/K/01

OS Catchment No: 155

Station Nos.	Biological Quality Ratings (Q Values)										
	1975	1979	1980	1983	1986	1988	1993	1996	1999	2003	2006
0020	-	-	-	-	-	4	-	4	4	4	4
0060	-	-	-	-	-	-	4	-	-	-	3
0300	-	-	3	3	3	4	4	3	3-4	3-4	3
0360	-	-	-	-	3-4	4	3-4	2-3	4	4	3-4
0400	-	-	3-4	3-4	3-4	3-4	4	-	3-4	3	3
0500	4	4	4	4	4	4	3	2-3	3	-	-
0700	4	4	4	4-5	4	4	3	3-4	4	4	3-4

Assessment: An overall slight deterioration was noted in the Kilcrow in comparison with the 2003 survey. The uppermost site surveyed (0020) was satisfactory but all other sites showed some sign of eutrophication or the impact of organic pollution.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0020	Killoran Br	176312	221925	47	GY
0060	1st Br u/s Ahanageelery Br	181906	217860	0	GY
0300	Hearnbrook Bridge	179740	213025	53	GY
0360	West Br 2 km d/s Samp St 0300	179720	211753	53	GY
0400	Killeen Bridge	179768	211016	53	GY
0500	Moat Bridge	180011	210096	53	GY
0700	Ballyshrul Bridge	179792	205702	53	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0020	80	11	0	100	91	0	0	0	6	0	3
0300	50	124	0	100	82	0	4	1	7	0	6
0360	43	173	1	99	84	0	3	1	7	0	4
0400	40	177	1	99	84	0	3	1	7	0	4
0500	39	184	1	99	84	0	3	1	7	0	4
0700	33	210	1	99	85	0	3	1	7	0	4

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **LISDUFF (KILCROW)**

25/L/06

Tributary of : 25K01 KILCROW

OS Catchment No: 155

OS Grid Ref of Confluence: M 793 124

Date(s) Surveyed: 18/9/2006

Station Nos.	Biological Quality Ratings (Q Values)							
	1983	1984	1987	1993	1996	1999	2003	2006
0100	-	-	3	3-4	3	-	4	3-4
0400	4-5	3	3/0	3	3	4	3	3/0

Assessment: The upper site surveyed (0100) showed signs of eutrophication. The lower site (downstream of the old Tynagh Mines) still showed some signs of toxicity due to heavy metals.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Castletown Bridge	173995	215375	53	GY
0400	300 m d/s Samp Station 0300	177365	213133	53	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	53	31	1	99	95	0	0	0	4	0	1
0400	48	42	3	97	92	0	0	3	5	0	1

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **MOUNTRICE** **25/M/03**
 Tributary of : 25B06 BLACKWATER (CLARE) OS Catchment No: 155
 OS Grid Ref of Confluence: R 585 654
 Date(s) Surveyed: 13/6/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1988	1994	1996	1999	2002	2006
0300	4-5	5	4-5	4-5	4-5	3-4

Assessment: The Mountrice showed signs of significant eutrophication in June 2006 with a drop in quality since the last survey in 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Br u/s Blackwater R confl	158200	166128	58	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	52	8	100	0	38	4	29	0	0	0	28

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **MULKEAR (LIMERICK)**

25/M/04

Tributary of : 25S01 SHANNON (Lower)

OS Catchment No: 155

OS Grid Ref of Confluence: R 632 587

Date(s) Surveyed: 12/6/2006

Station Nos.	Biological Quality Ratings (Q Values)										
	1971	1975	1979	1983	1986	1987	1993	1996	1999	2002	2006
0100	5	5	5	4	4-5	5	4	4	4	4	4-5
0200	-	-	4-5	4	4-5	4-5	3-4*	3-4	3	4	4-5
0300	5	5	-	-	-	4-5	3	-	-	-	-
0400	-	-	5	5	-	5	-	4	4	4	4
0500	5	5	4-5	5	-	5	4	3-4	4	4-5	-
0590	-	-	-	-	-	5	4	3-4	4	4	4-5
0600	5	5	4-5	4-5	-	4-5	-	-	-	-	-

Assessment: A general improvement in water quality was seen in the Mulkear in June 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Dromkeen Br	174031	148040	65	LK
0200	Brittas Br	172240	150805	65	LK
0300	Br nr Abingdon Ho	171538	153428	65	LK
0400	2km d/s St 0300 (N of Boher at bend in road)	169578	153093	65	LK
0500	Ford d/s Killeengarriff R	165236	155535	65	LK
0590	Annacotty Br d/s weir	164262	157694	65	LK
0600	1km d/s Annacotty Br (LHS)	163845	158250	65	LK

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	43	333	56	44	74	4	4	1	11	0	5
0200	41	378	53	47	74	5	4	1	10	0	5
0300	37	394	53	47	75	5	4	1	10	0	5
0400	30	405	52	48	76	5	4	1	10	0	5
0500	18	635	61	39	68	7	7	1	8	0	10
0590	12	641	61	39	68	7	7	1	7	0	10

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **WOODFORD (GALWAY)****25/W/01**

Tributary of : Lough Derg

OS Catchment No: 155

OS Grid Ref of Confluence: R 786 968

Date(s) Surveyed: 15/6/2006, 29/6/2006

Station Nos.	Biological Quality Ratings (Q Values)								
	1975	1979	1984	1987	1993	1996	1999	2003	2006
0040	-	-	-	-	-	-	3*	4	4
0200	-	5	4	4-5	4	3-4	4	4	4
0300	4-5	5	4-5	5	4-5	3-4	4	4-5	4-5

Assessment: Satisfactory - no change noted since 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0040	Br NW of Featherstone Lodg	168964	199154	52	GY
0200	Bolag Br	174192	199691	53	GY
0300	Rossmore Br	177206	198435	53	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0040	129	9	100	0	0	47	16	0	0	0	37
0200	49	31	100	0	8	32	23	1	9	0	27
0300	35	48	82	18	15	24	19	1	14	0	28

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

HYDROMETRIC AREA 26 (Upper Shannon:Balance of Survey)

Partial Survey in 2005, Balance of Survey in 2006

AUGHRIM (GALWAY) *	26A13
BALLINURE	26B01
BALLYDANGAN	26B14
CLOONEIGH	26C06
CROSS (ROSCOMMON)	26C10
CUILLEEN STREAM	26C17
CURRAGHROE STREAM	26C15
DERRYHIPPOO	26D01
DERRYMULLAN STREAM	26D07
FEORISH (TARMONBARRY)	26F03
KILLEGLAN	26K04
KILMACRICARD *	26K17
# LAURENCETOWN STREAM	26L07
MIHANBOY	26M04
SMAGHRAAN	26S04
SPRINGFIELD	26S05
STROKESTOWN	26S08

indicates rivers having seriously polluted stretches at time of this survey.

* AUGHRIM (GALWAY) Formerly 26B010100 .

* KILMACRICARD Previously reported as East Branch on Springfield 26S05

River and Code : **AUGHRIM (GALWAY)**

26/A/13

Tributary of : 26B01 BALLINURE

OS Catchment No:

OS Grid Ref of Confluence: M 807 269

Date(s) Surveyed: 20/9/2006

Formerly reported as Ballinure 26B01-0100.

Station Nos.	Biological Quality Ratings (Q Values)								
	1981	1983	1986	1987	1992	1996	1999	2002	2006
0100	3-4	4-5	4	3	3-4	3-4	4	3-4	3-4

Assessment: The Aughrim (Galway) was eutrophic when surveyed in September 2006. This site was previously reported as part of the Ballinure.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bridge W. of Aughrim	177948	228412	47	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	67	5	0	100	99	0	0	0	1	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BALLINURE**
 Tributary of : 26S07 SUCK
 OS Grid Ref of Confluence: M 898 256
 Date(s) Surveyed: 19/9/2006, 20/9/2006

26/B/01
 OS Catchment No: 156

Station Nos.	Biological Quality Ratings (Q Values)								
	1981	1983	1986	1987	1992	1996	1999	2002	2006
0200	4	4	4	4-5	4	4	4	4	3-4
0400	3	4	3-4	3-4	3-4	3-4	3	3	3-4

Assessment: Both sites surveyed on the Ballinure were slightly polluted in September 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Tristaun Bridge	181773	227088	47	GY
0400	Clontuskert Bridge	187050	225469	47	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	50	41	0	100	86	3	2	1	4	0	5
0400	39	71	0	100	90	1	1	0	4	0	3

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BALLYDANGAN**
 Tributary of : 26S02 SHANNON (Upper)
 OS Grid Ref of Confluence: M 988 305
 Date(s) Surveyed: 5/10/2006

26/B/14
 OS Catchment No: 155

Station Nos.	Biological Quality Ratings (Q Values)						
	1984	1987	1992	1996	1999	2002	2006
0100	4	4	4	-	3-4	3-4	3
0200	-	-	-	3	-	-	-

Assessment: Unsatisfactory. A further deterioration in quality was noted in 2006 vis a vis 2002 and previous years.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br at Corn Mill- Cappyuse	196002	232572	47	RN
0200	Br u/s Shannon R. confl.	198303	231212	47	RN

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	40	22	0	100	80	1	19	0	0	0	0
0200	39	24	0	100	80	1	19	0	0	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CLOONEIGH**
 Tributary of :
 OS Grid Ref of Confluence: M 951 650
 Date(s) Surveyed: 3/10/2006

26/C/06
 OS Catchment No: 155

Station Nos.	Biological Quality Ratings (Q Values)						
	1984	1987	1992	1996	1999	2002	2006
0030	-	-	-	-	-	3-4	4
0200	4	3-4	4	2-3	3	4	4

Assessment: Water quality in the Clooneigh River had improved when surveyed in October 2006. Both sites were satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0030	SW Kilroosky (Br)	191089	269426	0	
0200	Clooneigh of Derryturk	194328	265466	40	RN

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	39	44	0	100	85	1	11	0	4	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CROSS (ROSCOMMON)**

26/C/10

Tributary of :

OS Catchment No: 155

OS Grid Ref of Confluence: N 004 393

Date(s) Surveyed: 4/10/2006, 5/10/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1984	1987	1992	1996	1999	2002	2006
0060	-	-	-	4	4	3-4	3-4
0070	-	-	-	-	-	-	3
0200	4	4	3-4	4	4	4	3-4
0300	4	4	3	3	3	3	3-4
0400	4	4	4	4	-	4	-

Assessment: The upper reaches of the Cross are groundwater influenced. The middle reaches are eutrophic - Q3-4 - indicating slight pollution most likely due to excessive nutrients entering the river. Site (0300) is downstream of the Monksland Industrial Estate in Athlone.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0060	Br E of Eskerbaun	194485	245846	47	RN
0070	Br SW of Milltown Pass .	195465	245237	0	RN
0200	Bridge at Burnbrook	198628	242119	47	RN
0300	Bridge S. of Doyle's Bridge	201223	240189	47	RN
0400	Bridge u/s Shannon River	203709	239202	47	RN

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0060	55	42	0	100	82	0	0	0	5	10	3
0200	43	80	0	100	79	0	6	1	3	5	5
0300	39	103	0	100	80	0	7	1	4	4	4
0400	37	116	0	100	78	0	7	2	4	4	5

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CUILLEEN STREAM** **26/C/17**
 Tributary of : 26S07 SUCK OS Catchment No: 156
 OS Grid Ref of Confluence: M 847 333
 Date(s) Surveyed: 5/10/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1987	1992	1996	1999	2002	2006
0400	4	4	4	4	4	4

Assessment: Satisfactory - no change on previous surveys.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Br near Clarary Railway Br.	186238	232889	47	RN

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	44	10	0	100	62	5	9	0	8	0	17

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CURRAGHROE STREAM** **26/C/15**
 Tributary of : 26F03 FEORISH (TARMONBARRY) OS Catchment No: 155
 OS Grid Ref of Confluence: N 023 773
 Date(s) Surveyed: 2/10/2006

Station Nos.	2002	Biological Quality Ratings (Q Values)
0180	3	2006
		3

Assessment: Unsatisfactory - impacts from peat harvesting are affecting the ecology of the river where sampled in its lower reaches (0180).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0180	Br NW Drinagh	200428	276496	0	

River and Code : **DERRYHIPPOO**
 Tributary of : 26S07 SUCK
 OS Grid Ref of Confluence: M 793 637
 Date(s) Surveyed: 4/10/2006

26/D/01
 OS Catchment No: 156

Station Nos.	Biological Quality Ratings (Q Values)							
	1981	1984	1987	1992	1996	1999	2002	2006
0100	4	3	4	4	3	4	4	3-4
0200	4	4	4	4	4	4	3	-

Assessment: The Derryhippoo was slightly polluted where sampled at Ballina Bridge (0100).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Ballina Bridge	175530	261178	40	RN
0200	Bridge at Loughnasaggart	179329	262987	40	RN

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	59	16	0	100	86	4	3	0	5	0	2
0200	60	35	0	100	77	4	7	0	4	0	8

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DERRYMULLAN STREAM**

26/D/07

Tributary of : 26S07 SUCK

OS Catchment No: 156

OS Grid Ref of Confluence: M 845 318

Date(s) Surveyed: 20/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1987	1992	1996	1999	2002	2006
0200	-	3	3-4	4	4	3-4*
0400	3	4	4	4	3-4	3-4*
0500	3	4-5	4	4	4	4
0700	-	4	4	4	4	-

Assessment: The upper reaches of the Derrymullan (0300,0400) were impacted by siltation with some signs of eutrophication also evident. Satisfactory conditions were seen again at Station 0500 Killure Bridge.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Bunowen Br	175330	229611	47	GY
0400	Kilmalaw Bridge	178454	231054	47	GY
0500	Killure Bridge	180498	232455	47	GY
0700	1st Bridge u/s Suck confl	184114	231759	47	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	79	5	0	100	63	2	8	0	0	0	26
0400	51	32	0	100	84	2	1	1	5	0	6
0500	44	56	0	100	82	1	6	1	6	0	5
0700	40	62	0	100	81	1	5	2	6	0	5

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **FEORISH (TARMONBARRY)**

26/F/03

Tributary of : 26S02 SHANNON (Upper)

OS Catchment No: 155

OS Grid Ref of Confluence: N 042 767

Date(s) Surveyed: 2/10/2006

Station Nos.	Biological Quality Ratings (Q Values)							
	1982	1986	1987	1992	1996	1999	2002	2006
0140	-	-	-	-	-	-	2-3	2-3
0200	4	4	3	3	3	3	4	3
0400	-	-	-	-	3	3	3	-

Assessment: The upper and middle reaches (0140, 0200) of the Feorish were again polluted when surveyed in 2006 - agricultural impacts suspected here. Flooding prevented sampling at the lower site upstream of the Shannon.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0140	Br W Dooslattagh	201597	282328	33	
0200	Bridge S.E. of Northyard	201406	279802	40	RN
0400	Br d/s Cloonmore Br	203455	277413	40	RN

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	39	25	45	55	76	0	14	0	0	1	7
0400	39	79	20	80	60	0	29	0	0	0	10

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **KILLEGLAN**
 Tributary of : 26S07 SUCK
 OS Grid Ref of Confluence: M 858 396
 Date(s) Surveyed: 5/10/2006

26/K/04
 OS Catchment No: 156

Station Nos.	Biological Quality Ratings (Q Values)					
	1987	1992	1996	1999	2002	2006
0200	4	4	4	4	4	4

Assessment: Satisfactory - no change on previous years.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Bridge u/s Suck River confl	185190	239446	47	RN

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	44	49	0	100	78	0	19	0	1	0	2

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **KILMACRICARD** **26/K/17**
 Tributary of : 26S05 SPRINGFIELD OS Catchment No: 156
 OS Grid Ref of Confluence: M 667 659
 Date(s) Surveyed: 5/10/2006

Previously reported as East Branch on Springfield 26S05

Station Nos.	Biological Quality Ratings (Q Values)			
	1996	1999	2002	2006
0030	3-4	4	4-5	3-4

Assessment: A significant deterioration in quality was noted in this tributary of the Springfield River (q.v.).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0030	Br ENE of Kilmacricard	168493	265594	0	GY

River and Code : **LAURENCETOWN STREAM**

26/L/07

Tributary of : 26S07 SUCK

OS Catchment No: 156

OS Grid Ref of Confluence: M 930 253

Date(s) Surveyed: 19/9/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1987	1992	1994	1996	1999	2002	2006
0300	3	2-3	2	2	1	2-3	1
0500	3-4	3	-	2-3	3	2-3	2

Assessment: Serious pollution was once again noted in the Laurencetown Stream due to an industrial discharge.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Br NW Ballyhoose (West Br)	189370	221670	47	GY
0500	Bridge near Kylemore Bridge	192193	224097	47	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	49	11	0	100	88	0	1	3	7	0	2
0500	40	20	0	100	78	0	2	2	11	0	8

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **MIHANBOY** **26/M/04**
 Tributary of : 26C10 CROSS (ROSCOMMON) OS Catchment No: 155
 OS Grid Ref of Confluence: M 994 418
 Date(s) Surveyed: 5/10/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1987	1994	1996	1999	2002	2006
0200	4	4	4	4	4	4

Assessment: Continuing satisfactory with no change noted in comparison with previous surveys of the Mihanboy.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Bridge u/s Cross River confl	199006	241147	47	RN

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	41	16	0	100	84	0	14	0	2	0	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **SMAGHRAAN**
 Tributary of : 26S07 SUCK
 OS Grid Ref of Confluence: M 803 646
 Date(s) Surveyed: 3/10/2006

26/S/04
 OS Catchment No: 156

Station Nos.	Biological Quality Ratings (Q Values)						
	1984	1987	1992	1996	1999	2002	2006
0100	3-4	4	4	3	3	3	3
0200	4	4	3-4	4	4	4	4
0300	3-4	4	3-4	3-4	3-4	3-4	3-4

Assessment: The upper and lower sites surveyed on the Smaghraan were polluted in October 2006. A recovery in the middle section reflects similar conditions to previous surveys observed from 1996 onwards.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Smaghraan Bridge	182686	270766	40	RN
0200	Br ESE Rockfield	181583	267994	40	RN
0300	Bridge SW Emlaghnaagree	179953	265717	40	RN

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	69	22	0	100	78	1	5	0	8	0	8
0200	62	87	0	100	84	0	5	0	8	0	3
0300	56	98	0	100	84	0	5	0	8	0	3

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **SPRINGFIELD**
 Tributary of : 26I03 ISLAND
 OS Grid Ref of Confluence: M 660 720
 Date(s) Surveyed: 4/10/2006

26/S/05
 OS Catchment No: 156

Station Nos.	Biological Quality Ratings (Q Values)								
	1981	1984	1987	1989	1992	1996	1999	2002	2006
0100	4	2-3	3	4	3	3-4	4	3	3-4
0150	4	3-4	5	-	3-4	4-5	4-5	4	4
0200	4	4	4-5	-	4	4-5	4	4	-

Assessment: A slight recovery was noted in the upper Springfield (0100) compared with 2002 and satisfactory conditions were again recorded at Monasterowen (0150).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Blacker's Bridge	165456	266414	39	GY
0150	Ford at Monasterowen	164347	269482	39	GY
0200	Ballaghaugeag Bridge	166182	270551	39	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	75	26	0	100	50	1	39	0	6	0	4
0150	69	39	0	100	58	1	29	0	6	0	6
0200	66	51	0	100	58	1	27	0	6	0	9

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **STROKESTOWN**

26/S/08

Tributary of : 26M03 MOUNTAIN (ROSCOMMON)

OS Catchment No: 155

OS Grid Ref of Confluence: M 965 838

Date(s) Surveyed: 2/10/2006, 3/10/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1984	1987	1992	1996	1999	2002	2006
0050	-	3	2-3	2-3	2-3	3	3-4
0100	3-4	3	2-3	4	2-3	3	3
0200	4	4	4	3-4	4	4	3-4

Assessment: The Strokestown River was polluted over the length surveyed in October 2006. The upper site (0050) is downstream of an old landfill and the lower sites (0100, 0200) are additionally impacted by the town of Strokestown.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Br at S. end of Strokestown	193240	280596	33	RN
0100	Br 1.5 km d/s Strokestown	194259	280946	33	RN
0200	Br SW Toberpatrick	195605	283792	33	RN

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	47	3	0	100	92	0	0	8	0	0	0
0100	45	4	0	100	84	0	0	11	0	0	5
0200	39	12	0	100	71	0	0	4	10	0	15

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

HYDROMETRIC AREA 28 (Mal Bay)	
AILLE (CLARE)	28A01
ANNAGEERAGH	28A02
ANNAGH (CLARE)	28A03
AUGHAGLANNA	28A06
AUGHAVEEMA	28A04
BALLINPHONTA	28B03
BALLYMACRAVAN	28B02
CAHER (CLARE)	28C01
CASTLEPARK STREAM *	28C09
CLOONEENAGH STREAM *	28C08
COOLEEN	28C05
CREEGH	28C02
DEALAGH	28D01
DOONBEG	28D02
FREAGH	28F01
GLENDINE (CLARE)	28G02
INAGH (ENNISTYMON)	28I01
KILDEEMA	28K01

* CASTLEPARK STREAM Previously reported as part of the Creegh 28C02
* CLOONEENAGH STREAM Previously reported as part of the Creegh 28C02

River and Code : **AILLE (CLARE)**
 Tributary of : 28A02 ANNAGEERAGH
 OS Grid Ref of Confluence: R 065 964
 Date(s) Surveyed: 11/7/2006

28/A/01
 OS Catchment No: 148

Station Nos.	Biological Quality Ratings (Q Values)								
	1980	1984	1986	1988	1991	1997	2000	2003	2006
0100	-	-	-	4	5	5	4	4-5	4
0200	3-4	2	3	3	2-3	2-3	2-3	4	4
0300	3-4	3	3-4	3	3-4	-	2-3	4	4
0400	4	3-4	4	4	4	3-4	3	3-4	4

Assessment: The Aille (Clare) River was in satisfactory condition over its length when surveyed in July 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Ballyteigue Br	115189	198079	51	CE
0200	Spectacle Bridge	112249	197834	51	CE
0300	Drehidnalacken Bridge	111036	197120	51	CE
0400	Bridge in Roadford	107993	197284	51	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	234	0	0	100	0	28	66	0	0	0	6
0200	74	36	0	100	39	8	7	1	7	0	38
0300	64	39	0	100	39	8	8	1	6	0	37
0400	22	53	0	100	45	6	7	1	10	0	32

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **ANNAGEERAGH**
 Tributary of : 28A02 ANNAGEERAGH
 OS Grid Ref of Confluence: R 005 710
 Date(s) Surveyed: 13/7/2006

28/A/02
 OS Catchment No: 152

Station Nos.	Biological Quality Ratings (Q Values)							
	1980	1983	1988	1991	1997	2000	2003	2006
0010	-	-	-	4-5	3-4	3-4	4	3-4
0050	-	-	4-5	4	4	3-4	3	4
0100	5	5	5	4-5	-	-	-	-
0300	4	4	4-5	4-5	-	-	-	3-4
0400	-	-	4	4-5	4	4	4	-

Assessment: The upper site surveyed on the Annageeragh had deteriorated again when surveyed in July 2006 downstream of the Doolough water treatment works followed by an improvement at Station 0050. A deterioration in quality was noted at Annageeragh Bridge (0300) in the lower reaches.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0010	Br u/s Doo Lough	114679	171884	57	CE
0050	Bridge u/s Moyglass Bridge	109577	172657	57	CE
0100	Moyglass Bridge	108007	172392	57	CE
0300	Annageeragh Br	103135	170908	57	CE
0400	Lissyneillan Bridge	102705	171042	57	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0010	103	5	0	100	4	19	13	0	0	0	63
0050	65	28	0	100	23	6	18	0	7	6	40
0100	54	33	0	100	27	5	16	0	12	5	35
0300	14	52	0	100	34	4	15	0	14	3	30
0400	9	60	0	100	38	5	14	0	14	3	27

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **ANNAGH (CLARE)**

28/A/03

Tributary of :

OS Catchment No: 150

OS Grid Ref of Confluence: R 036 773

Date(s) Surveyed: 13/7/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1988	1991	1997	2000	2003	2006
0200	4	4	4	4-5	4	3
0400	4	4-5	4	4	4	4
0900	4-5	4-5	4-5	4	4	4

Assessment: The uppermost site on the Annagh (0200) declined in quality again. A relatively new forestry plantation in the upper catchment is suspected as the cause of the problem here. The remainder of the river was in satisfactory condition (0400, 0900).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br at Drehiddenagh	111298	176005	57	CE
0400	Aghy Br	107529	175232	57	CE
0900	Beaclugga Br	103725	177123	57	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	119	4	0	100	15	15	37	0	0	0	33
0400	59	13	0	100	48	4	26	0	8	0	14
0900	3	45	0	100	52	1	14	0	24	0	9

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **AUGHAGLANNA**

28/A/06

Tributary of : 28I01 INAGH (ENNISTYMON)

OS Catchment No: 149

OS Grid Ref of Confluence: R 218 775

Date(s) Surveyed: 12/7/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1988	1991	1997	2000	2003	2006
0200	4	4	4	4	4	3
0700	4-5	4	5	4	4-5	4-5

Assessment: The upper station (0200) on the Aughaglanna had deteriorated quite significantly since the last survey in 2003. Forestry operations are the most likely cause of this deterioration. The lower section of the river is still of high quality.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Bridge N.W. of Reanaglisha	118908	174801	57	CE
0700	Bridge u/s Inagh river confl	121286	177346	57	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	117	4	0	100	24	26	9	0	13	0	28
0700	59	11	0	100	31	13	7	0	28	0	21

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **AUGHAVEEMA**

28/A/04

Tributary of :

OS Catchment No: 151

OS Grid Ref of Confluence: Q 998 724

Date(s) Surveyed: 13/7/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1988	1991	1997	2000	2003	2006
0300	4	4-5	4	4	4	4
0600	4	3	4	3	3-4	3-4

Assessment: No change was noted in comparison with the previous 2003 survey. The upper station (0300) remained in satisfactory condition but the lower site (0600) was slightly polluted.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Drehidnacarriga	105257	173195	57	CE
0600	Ballynabean Bridge	101359	173612	57	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	41	7	0	100	67	0	3	0	30	0	0
0600	12	14	0	100	73	0	2	0	25	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BALLINPHONTA**

28/B/03

Tributary of :

OS Catchment No: g4

OS Grid Ref of Confluence: R 037 397

Date(s) Surveyed: 12/7/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1988	1991	1997	2000	2003	2006
0300	4	3	4	4	4	4
0500	4-5	3-4	3-4	4	4	3-4

Assessment: A deterioration occurred in the lower Ballinaphonta (0500) which was unsatisfactory in July 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Bridge S.W. of Ballinphonta	105904	180269	57	CE
0500	Cleedagh Bridge	103865	179758	57	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	47	7	0	100	47	0	4	0	37	0	13
0500	7	12	0	100	62	0	2	0	28	0	7

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BALLYMACRAVAN** 28/B/02
 Tributary of : 28I01 INAGH (ENNISTYMON) OS Catchment No: 149
 OS Grid Ref of Confluence: R 123 887
 Date(s) Surveyed: 12/7/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1988	1991	1997	2000	2003	2006
0100	3-4	3-4	3-4	-	-	-
0400	-	3	-	4	3/0	4

Assessment: The upper Ballymacravan was once again dry due to abstraction pressure - it is fed by Lickeen Lough. A major improvement in quality was noted in the lower section downstream of the water treatment works. Discharges from this plant had previously caused pollution in the river but this now appears to be under control.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br just d/s Lickeen Lough	116279	190900	51	CE
0400	Calluragh Br	113636	189929	57	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	70	9	0	100	36	0	11	0	17	10	26
0400	43	14	0	100	48	0	11	0	14	6	20

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CAHER (CLARE)**

28/C/01

Tributary of :

OS Catchment No: 147

OS Grid Ref of Confluence: M 137 083

Date(s) Surveyed: 11/7/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1988	1991	1997	2000	2003	2006
0200	5	5	5	5	4-5	4-5

Assessment: This very unusual and special river in the Clare Burren area achieved high status in 2006 albeit with some signs of deterioration vis a vis its historic condition. As noted in previous reports on this river extreme care is required in the catchment to ensure that the highly unusual ecology of this calcareous river is protected.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Carha Br	116316	208235	51	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	92	15	0	100	12	2	5	0	2	0	78

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CASTLEPARK STREAM** **28/C/09**
 Tributary of : 28C02 CREEGH OS Catchment No: 153
 OS Grid Ref of Confluence: R 091 667
 Date(s) Surveyed: 1/11/2006

Previously reported as part of the Creegh 28C02

Station Nos.	Biological Quality Ratings (Q Values)					
	1988	1991	1997	2000	2003	2006
0400	4	4-5	4-5	4-5	4	4-5

Assessment: Satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Br NW Castlepark	109732	167376	57	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	63	9	0	100	27	3	32	0	8	0	29

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CLOONEENAGH STREAM****28/C/08**

Tributary of : 28C02 CREEGH

OS Catchment No: 153

OS Grid Ref of Confluence: R 048 668

Date(s) Surveyed: 1/11/2006

Previously reported as part of the Creegh 28C02

Station Nos.	Biological Quality Ratings (Q Values)				
	1988	1991	2000	2003	2006
1100	4	4	4-5	4-5	4-5

Assessment: This tributary of the Creegh River (q.v.) retained its high quality condition.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
1100	Creegh North Br	105305	167360	57	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
1100	39	6	0	100	47	13	13	0	0	0	27

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **COOLEEN**
 Tributary of :
 OS Grid Ref of Confluence: R 129 924
 Date(s) Surveyed: 11/7/2006

28/C/05
 OS Catchment No: 149

Station Nos.	Biological Quality Ratings (Q Values)				
	1988	1991	2000	2003	2006
0300	4-5	5	3-4	4-5	-
0500	4	4	4	4	4

Assessment: The Cooleen was satisfactory in July 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Tooreen Br	113028	194556	51	CE
0500	400 m u/s Carrowkeel River	112779	192671	51	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	61	9	0	100	31	3	25	1	1	0	38
0500	23	14	0	100	41	4	23	1	2	0	29

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CREEGH**
 Tributary of :
 OS Grid Ref of Confluence: Q 984 672
 Date(s) Surveyed: 1/11/2006

28/C/02
 OS Catchment No: 153

Station Nos.	Biological Quality Ratings (Q Values)						
	1985	1988	1991	1997	2000	2003	2006
0100	4	4	3-4	4	4	4	-
1400	-	4	4	4	4	3-4	4
1700	-	4-5	4	4	4	4	4

Assessment: Satisfactory with an improvement in quality at Station 1400 compared with 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Sorrel Island Bridge (South)	116741	167614	57	CE
1400	Creegh Br	103383	166892	57	CE
1700	Mountrivers Br	99110	166021	63	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	113	13	0	100	4	25	21	0	1	2	47
1400	22	71	0	100	43	7	18	0	10	0	22
1700	4	83	0	100	47	6	16	0	11	0	20

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DEALAGH**
 Tributary of :
 OS Grid Ref of Confluence: R 092 895
 Date(s) Surveyed: 11/7/2006

28/D/01
 OS Catchment No: 149

Station Nos.	Biological Quality Ratings (Q Values)							
	1980	1986	1988	1991	1997	2000	2003	2006
0040	-	-	3-4	4	4	3	4	4
0200	4	4-5	4	4-5	4	4	3-4	4
0350	-	-	-	-	4	3-4	4	4

Assessment: All three sites surveyed were satisfactory when surveyed in July 2006 representing an overall improvement in quality.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0040	Ballygoonaun Bridge	117053	195707	51	CE
0200	Bridge near Smithstown House	114790	194135	51	CE
0350	Aughvackeen Br	112033	191942	51	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0040	97	3	0	100	38	37	24	0	0	0	0
0200	47	7	0	100	39	24	12	0	0	0	24
0350	14	47	0	100	55	6	13	0	6	0	20

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DOONBEG**
 Tributary of :
 OS Grid Ref of Confluence: Q 966 660
 Date(s) Surveyed: 1/11/2006

28/D/02
 OS Catchment No: 154

Station Nos.	Biological Quality Ratings (Q Values)							
	1979	1985	1988	1991	1997	2000	2003	2006
0100	-	4	4	3-4	4	4	-	4
0300	-	-	4	4	4	4	4	-
0330	-	-	3-4	5	-	-	-	-
0400	4-5	3-4	4	4-5	-	4-5	4	4-5
0500	-	-	4	4	4	-	-	-
0650	-	-	4	4	4	4	4	4
0725	-	-	4	4	4	4-5	4-5	-
0770	-	-	-	-	4	4-5	3-4	4

Assessment: The Doonbeg was in overall satisfactory condition at all four sites surveyed in 2006. An improvement in quality was noted at Sites 0400 and 0770.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Sorrel Island Bridge (South)	116745	167600	0	CE
0300	Ballydunneen Bridge	115282	162952	57	CE
0330	Bridge d/s Ballydunneen Br	0	0	0	CE
0400	Goulbourne Bridge	111966	161962	57	CE
0500	Derrycrossaun Bridge	109079	161695	57	CE
0650	Bridge in Cooraclare	103997	162057	57	CE
0725	Bridge N.E. of Lochnavar Ho	99724	163033	63	CE
0770	Br 1km d/s Br nr Mountrivers	97834	164371	63	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	52	18	0	100	38	1	31	0	6	0	24
0400	40	30	0	100	40	1	29	0	9	1	20
0500	29	32	0	100	41	1	27	0	12	1	18
0650	15	70	0	100	56	1	16	1	14	0	12
0725	5	90	0	100	58	0	14	1	14	0	12
0770	2	103	0	100	54	0	20	1	13	0	11

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **FREAGH**
 Tributary of :
 OS Grid Ref of Confluence: R 035 814
 Date(s) Surveyed: 12/7/2006

28/F/01
 OS Catchment No: g4

Station Nos.	Biological Quality Ratings (Q Values)			
	1988	1991	2003	2006
0300	3	3	3	3

Assessment: Conditions remained unsatisfactory in this small coastal stream.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Castle Bridge	103440	181465	0	CE

River and Code : **GLENDINE (CLARE)** 28/G/02
 Tributary of : 28A03 ANNAGH (CLARE) OS Catchment No: 150
 OS Grid Ref of Confluence: R 047 371
 Date(s) Surveyed: 12/7/2006

Station Nos.	Biological Quality Ratings (Q Values)							
	1980	1985	1988	1991	1997	2000	2003	2006
0080	-	-	4	4	3	4	4	4
0200	5	5	4-5	4-5	4	5	4-5	4

Assessment: Satisfactory at both sites surveyed although a decline in quality was noted at the lower site (0200).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0080	Second Bridge u/s Honan's Br	108976	178790	57	CE
0200	Knockloskeraun Bridge	105187	177404	57	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0080	79	5	0	100	44	0	24	0	28	0	3
0200	25	12	0	100	59	0	12	0	28	0	1

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **INAGH (ENNISTYMON)**

28/I/01

Tributary of :

OS Catchment No: 149

OS Grid Ref of Confluence: R 085 888

Date(s) Surveyed: 12/7/2006

Station Nos.	Biological Quality Ratings (Q Values)									
	1971	1975	1979	1985	1988	1991	1997	2000	2003	2006
0100	-	-	5	5	4-5	4-5	5	4-5	4	4
0200	5	5	5	5	4-5	4	4	4	4	4-5
0300	5	4-5	4-5	4-5	4	4	4	4	4	4-5
0450	-	-	-	-	-	-	4	3	4	4

Assessment: The Inagh was in a satisfactory condition over its length. Improvements in quality were noted in the middle reaches (0200, 0300).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Crow's Bridge	120228	177939	57	CE
0200	Bridge at Inagh	120854	181269	57	CE
0300	Moananagh Bridge	117037	184914	57	CE
0450	0.2 km u/s Ennistymon Br	113070	188313	57	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	68	21	0	100	10	23	32	0	13	0	22
0200	46	65	0	100	36	11	13	0	21	0	18
0300	30	141	0	100	31	7	18	0	25	1	18
0450	14	170	0	100	37	6	16	0	24	0	17

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **KILDEEMA** **28/K/01**
 Tributary of : 28A03 ANNAGH (CLARE) OS Catchment No: 150
 OS Grid Ref of Confluence: R 050 762
 Date(s) Surveyed: 12/7/2006, 13/7/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1988	1991	1997	2000	2003	2006
0500	4-5	4-5	4	4	4	3-4
0800	4-5	4-5	4	4	4-5	4

Assessment: The upper Kildeema (0500) was slightly polluted in July 2006 representing the first time this site has been recorded as unsatisfactory. The lower site (0800), while satisfactory, also appears to have declined in quality compared with the 2003 survey results.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0500	Doonsallagh Bridge	109363	176752	57	CE
0800	Bridge u/s Annagh River	105048	176101	57	CE

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0500	89	6	0	100	15	0	20	0	38	0	26
0800	25	14	0	100	40	0	10	0	35	0	14

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

HYDROMETRIC AREA 29 (Galway Bay South East)

BALLYMABILLA	29B03
BEAGH	29B02
BOLEYNEENDORRISH	29B04
CANNAHOWNA	29C01
CARRA STREAM	29C03
# CLARINBRIDGE	29C02
KILCOLGAN	29K01
KNOCKNAREBANA	29K04
LECARROW STREAM *	29L01
OWENDALULLEEGH	29O01
RAFORD	29R01
TOBERDONEY	29T01

indicates rivers having seriously polluted stretches at time of this survey.

* LECARROW STREAM Previously reported as part of the Carra (29C03)

River and Code : **BALLYMABILLA**

29/B/03

Tributary of : 29R01 RAFORD

OS Catchment No: 145

OS Grid Ref of Confluence: M 649 274

Date(s) Surveyed: 6/11/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0300	2-3	3	4	3-4	3-4	4

Assessment: Satisfactory - an improvement noted at Station 0300 in comparison with 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Bellafa Bridge	165867	226922	46	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	75	16	0	100	55	0	9	0	15	0	21

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BEAGH** **29/B/02**
 Tributary of : Goes underground - Cannahowna OS Catchment No: 146
 OS Grid Ref of Confluence: M 455 001
 Date(s) Surveyed: 31/10/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0100	4-5	4-5	4	4	4	4

Assessment: Satisfactory - no change in status.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	S Cloghnakeava	146728	200612	52	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	37	129	78	22	18	23	29	0	7	3	21

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BOLEYNEENDORRISH**

29/B/04

Tributary of : (Goes underground)

OS Catchment No: 146

OS Grid Ref of Confluence: M 479 047

Date(s) Surveyed: 2/11/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0100	5	-	5	4-5	5	5
0300	-	-	5	5	5	4-5
0800	5	4	4	4	4-5	4-5

Assessment: The Boleyneendorish was of high status when surveyed in 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br NW Knockapollboy	155541	206823	52	GY
0300	Kenny's Br	151415	205622	52	GY
0800	Ford N. of Streamstown	148173	206044	52	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	129	21	98	2	0	54	32	0	0	0	14
0300	49	33	95	5	6	44	33	0	0	0	17

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CANNAHOWNA**
 Tributary of : (Goes underground)
 OS Grid Ref of Confluence: M 452 018
 Date(s) Surveyed: 2/11/2006, 31/10/2006

29/C/01

OS Catchment No: 146

Station Nos.	Biological Quality Ratings (Q Values)							
	1980	1985	1989	1994	1997	2000	2003	2006
0100	5	4	4	4	-	4	4	4
0200	3-4	4	3	3-4	4-5	4	4	3

Assessment: The Cannahowna River was moderately polluted downstream of Gort (0200) when surveyed in late October 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bridge in Gort	145255	201943	52	GY
0200	At Old Mill N. of Gort	145881	205027	52	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	22	135	75	25	20	22	28	0	7	3	20
0200	12	0	0	100	100	0	0	0	0	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CARRA STREAM**

29/C/03

Tributary of : 29T01 TOBERDONEY

OS Catchment No: 145

OS Grid Ref of Confluence: M 553 214

Date(s) Surveyed: 2/11/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0900	-	-	3-4	3	3	3
1000	3-4	4	-	3	3-4	-
1400	-	-	-	-	4	4
1700	4	4	-	4	4	-
2000	4-5	3-4	-	4	4	4

Assessment: The upper Carra (Stn 0900) was unsatisfactory but quality improved in the middle and lower sections (1400, 2000) before it joins the Toberdoney (q.v.).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0900	Br at Nogginstown	170392	222014	46	GY
1000	Carra Bridge	166152	223188	46	GY
1400	Turoe Br	162704	222329	46	GY
1700	Br ESE Dunsandle	158590	221376	46	GY
2000	Br at Ballynahivnia	155512	221132	46	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0900	92	6	0	100	73	3	0	0	10	0	14
1000	81	15	0	100	75	1	5	0	9	0	10
1700	45	67	0	100	78	2	2	0	8	0	10
2000	33	70	0	100	77	2	2	0	7	0	11

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CLARINBRIDGE**

29/C/02

Tributary of : Sea - Galway Bay

OS Catchment No: 144

OS Grid Ref of Confluence: M 413 200

Date(s) Surveyed: 3/11/2006

Station Nos.	Biological Quality Ratings (Q Values)									
	1980	1982	1984	1986	1989	1994	1997	2000	2003	2006
0040	-	-	-	-	3	4	4	4	4	4
0300	2	2	1-2	2-3	3-4	4	2-3	2-3	2-3	2
0400	3	-	-	3	3-4	-	3	3	3	3
0500	3	3	2	3-4	3	2-3	3	3	3	3

Assessment: The Clarinbridge River was again seriously polluted downstream of Athenry (0300) and continuing moderately polluted to the sea in Clarinbridge (0400, 0500).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0040	Bridge N. of Ballyboggan	154969	230288	46	GY
0300	Br N Mulpit	148794	226293	46	GY
0400	Whistle Bridge	146986	223067	46	GY
0500	Clarin Bridge	141213	220027	46	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0040	60	13	0	100	56	0	20	0	0	0	24
0300	20	48	0	100	69	0	15	3	2	0	11
0400	12	88	0	100	72	2	9	2	6	0	10
0500	1	115	0	100	71	2	7	1	11	0	9

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **KILCOLGAN**
 Tributary of : Sea - Dunbulvaun Bay
 OS Grid Ref of Confluence: M 417 184
 Date(s) Surveyed: 3/11/2006, 6/11/2006

29/K/01

OS Catchment No: 145

Station Nos.	Biological Quality Ratings (Q Values)											
	1971	1973	1977	1980	1983	1986	1989	1994	1997	2000	2003	2006
0200	4	4	3	3	3	3	4	4	2	2-3	3	4
0300	4-5	-	-	4	4	4	4	-	3-4	4	4	-
0400	4-5	5	4	4	4	4	4	4	3	4	4	4
0500	-	-	-	4	-	-	3-4	4	3-4	3-4	-	3
0600	-	-	-	4	-	-	-	3-4	3	3-4	3-4	3-4

Assessment: An improvement was noted in the upper Kilcolgan (0200) in comparison with the 2003 survey. Quality was satisfactory in the middle reaches (0400) but moderately polluted at Station 0500 immediately downstream of Rahasane Turlough and still eutrophic at the lowermost site surveyed (0600).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Killilan Bridge	157984	219743	52	GY
0300	Bridge at Strongfort Lodge	152589	220060	46	GY
0400	Old Road Bridge Craughwell	151051	220017	52	GY
0500	Dunkellin Bridge	145425	218405	52	GY
0600	Kilcolgan Bridge	144213	218418	52	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	49	29	0	100	71	0	0	10	8	11	0
0300	23	148	0	100	76	1	2	2	9	2	8
0400	19	271	0	100	71	2	5	1	7	1	13
0500	12	332	0	100	72	2	4	1	9	1	12
0600	10	336	0	100	72	2	4	1	9	1	12

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **KNOCKNAREBANA** **29/K/04**
 Tributary of : 29O01 OWENDALULLEEGH OS Catchment No: 146
 OS Grid Ref of Confluence: R 556 990
 Date(s) Surveyed: 31/10/2006

Station Nos.	Biological Quality Ratings (Q Values)				
	1994	1997	2000	2003	2006
0100	4-5	4-5	4-5	4	4-5

Assessment: A significant improvement was noted in October 2006 in the Knocknarebana in comparison with 2003 with status restored to that previously noted in the 1994, 1997 and 2000 surveys.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br W of Tooravoola	155313	201183	52	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	143	5	100	0	0	57	36	0	4	0	3

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **LECARROW STREAM**

29/L/01

Tributary of : 29C03 CARRA STREAM

OS Catchment No: 145

OS Grid Ref of Confluence: R 625 217

Date(s) Surveyed: 2/11/2006

Previously reported as part of the Carra (29C03)

Station Nos.	Biological Quality Ratings (Q Values)				
	1990	1994	2000	2003	2006
0600	4-5	4	4	4	3-4

Assessment: This Carra Stream (q.v.) tributary was eutrophic when surveyed in early November 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0600	Br at Bullaun	163039	221393	46	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0600	62	34	0	100	77	3	0	0	11	0	8

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENDALULLEEGH**

29/O/01

Tributary of : Lough Cutra

OS Catchment No: 146

OS Grid Ref of Confluence: R 478 976

Date(s) Surveyed: 31/10/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1989	1990	1994	1997	2000	2003	2006
0500	5	-	4-5	4-5	4-5	2*	4-5
0700	-	-	4-5	4-5	5	3-4*	4-5
0800	5	-	-	-	5	4*	-
0900	-	4-5	4-5	4-5	5	4	5
1000	-	5	4-5	4-5	4-5	4	4

Assessment: The Owendalulleegh River had improved significantly in comparison with the 2003 survey which followed the Derrybrien landslide of October 2003. The upper sites surveyed (0500, 0700) both improved to Q4-5 as the site was recolonised by macroinvertebrates. The mid-section (0900) was also of high status reaching Q5 once again. The lowermost site remained at Q4 satisfactory but not quite as good as seen before the landslide. In general a good recovery was noted in 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0500	Ford at Tooraglassa	160197	201219	52	GY
0700	Ford at Inchamore	156156	199607	52	GY
0800	Br 750m N of Scalp	154668	198941	52	GY
0900	Ford at Derreen	151724	198386	52	GY
1000	Br SE Killafeen	148354	197128	52	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0500	102	39	86	14	6	35	40	0	0	0	19
0700	73	57	88	12	11	30	44	0	0	0	15
0800	62	69	89	11	9	31	42	0	0	0	17
0900	49	80	88	12	9	30	41	0	2	0	19
1000	36	90	89	11	10	28	39	0	3	0	20

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **RAFORD**
 Tributary of : 29K01 KILCOLGAN
 OS Grid Ref of Confluence: M 522 200
 Date(s) Surveyed: 6/11/2006

29/R/01
 OS Catchment No: 145

Station Nos.	Biological Quality Ratings (Q Values)							
	1981	1985	1990	1994	1997	2000	2003	2006
0100	4	4	4	4	4	4	4	4
0200	4-5	4	3-4	3-4	4	3-4	3-4	3-4
0400	4	4	3-4	4	3-4	3-4	4	4

Assessment: No change on 2003. The upper Rafor (0100) was satisfactory but it becomes eutrophic in the mid-section (0200) and recovers again by Station 0400. The lower highly karst section of the river tends to dry up in the summer months.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Beech Hill Bridge	164839	229078	46	GY
0200	Rafor Bridge	160833	226097	46	GY
0400	Rattys Bridge	154734	223261	46	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	74	28	0	100	53	9	10	0	1	0	26
0200	46	76	0	100	59	4	11	1	4	0	21
0400	28	113	0	100	64	3	9	1	4	0	20

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **TOBERDONEY**
 Tributary of : 29K01 KILCOLGAN
 OS Grid Ref of Confluence: M 553 215
 Date(s) Surveyed: 6/11/2006

29/T/01
 OS Catchment No: 145

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0300	4	3	-	3	3	3-4
0700	-	-	3	-	4	4

Assessment: An improvement was noted in the Toberdoney at Station 0300 albeit still slightly polluted. The lower station (0700) was once again in satisfactory condition.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Ballykeeran Bridge	160956	223244	46	GY
0700	Just u/s Kilcolgan R confl	153776	220692	46	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	49	14	0	100	80	0	8	0	0	0	12
0700	27	98	0	100	78	2	3	0	7	0	10

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

HYDROMETRIC AREA 30 (Corrib)	
ABBERT	30A01
AGHINISH	30A03
AILLE (MAYO)	30A02
BALLINDINE	30B03
BALLYCUIRKE	30B14
BEALANABRACK	30B01
BLACK (SHRULE)	30B02
BUNOWEN (OUGHTERARD)	30B08
CAMMANAGH	30C04
CLARE (GALWAY)	30C01
CLAUREEN (MAYO)	30C12
CLOONDAVER STREAM (NORTH)	30C09
CLOONFAD	30C11
CORRIB	30C02
CREGG	30C03
DALGAN	30D01
DOOGHTA	30D02
DRIMNEEN	30D03
FAILMORE	30F01
FINNY	30F03
FOOY	30F02
GLENGAWBEG	30G06
GLENSAUL	30G01
GORTGARROW STREAM *	30G05
GRANGE (GALWAY)	30G02
JOYCE'S	30J01
KNOCKAUNRANNY STREAM	30K02
LEVALLY STREAM *	30L07
LOUGH NACORRALEA STREAM	30L03
LOUGHKIP	30L01
NANNY (TUAM)	30N01
OWENBRIN	30O01
OWENRIFF (CORRIB)	30O02
OWENWEE (CORRIB)	30O03
ROBE	30R01
SCARDAUN	30S04
SINKING	30S01
SRAHNALONG	30S03
TERRYLAND	30T01
TULLAGHAUN	30T03
YELLOW (SINKING) *	30Y01

* GORTGARROW STREAM Previously reported as part of the Sinking 30S01

* LEVALLY STREAM Previously reported as part of the Grange (GY) 30G02

River and Code : **ABBERT**
 Tributary of : 30C01 CLARE (GALWAY)
 OS Grid Ref of Confluence: M 415 483
 Date(s) Surveyed: 24/7/2006, 27/7/2006

30/A/01

OS Catchment No: 143

Station Nos.							Biological Quality Ratings (Q Values)				
	1971	1977	1981	1985	1987	1989	1994	1997	2000	2003	2006
0028	-	-	-	-	-	-	-	4	3-4	-	-
0070	-	-	-	-	-	-	4	4	3-4	4	4
0100	-	-	4-5	5	4	4	4	4	4	3-4	4
0200	-	-	3-4	4	3-4	4	4	4	4	3-4	3-4
0300	-	4-5	4	4	4	4	4	3-4	3	3	3-4
0400	-	-	4-5	4	4	4	4	4	4	4	4
0500	4-5	4-5	5	3-4	4	4	4	4	3	3-4	3-4

Assessment: The upper Abbert (0070, 0100) was satisfactory in July 2006 but the middle and lower stations sampled were distinctly eutrophic in character.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0028	400m u/s Br at Sheeaun	160620	233183	46	GY
0070	Licklea Br	155736	233602	46	GY
0100	Killaclogher Bridge	155928	237967	46	GY
0200	Abbert Bridge	155685	242729	46	GY
0300	Bridge u/s Abbey Bridge	151688	243646	46	GY
0400	Pallas Bridge	147219	242306	46	GY
0500	Bridge at Bullaun	143625	240783	46	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0028	78	10	0	100	46	3	42	0	2	0	7
0070	61	30	0	100	52	3	31	0	3	0	12
0100	55	52	0	100	55	3	27	0	3	0	12
0200	48	100	0	100	57	3	23	0	8	0	9
0300	39	165	0	100	63	2	17	0	12	0	6
0400	32	190	0	100	64	2	17	0	12	0	6
0500	28	212	0	100	65	2	15	0	13	0	5

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **AGHINISH**
 Tributary of : Lough Mask
 OS Grid Ref of Confluence: M 155 672
 Date(s) Surveyed: 8/8/2006

30/A/03
 OS Catchment No: 143

Station Nos.	Biological Quality Ratings (Q Values)						
	1985	1989	1994	1996	2000	2003	2006
0100	4	4-5	4	4-5	4	4	4

Assessment: Satisfactory: no change in comparison with 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Keel Bridge	116236	268054	38	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	15	109	0	100	45	3	9	0	21	15	7

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **AILLE (MAYO)**

30/A/02

Tributary of : Lough Mask

OS Catchment No: 143

OS Grid Ref of Confluence: M 136 727

Date(s) Surveyed: 7/7/2006

Station Nos.	Biological Quality Ratings (Q Values)							
	1980	1984	1989	1993	1996	2000	2003	2006
0010	3-4	4-5	4-5	3	4-5	3-4	3-4	3-4
0050	5	4-5	5	4	4	4-5	4	4
0060	-	-	-	4	4	4-5	-	-
0100	4	4-5	4-5	4-5	-	-	-	4-5
0110	-	-	-	-	4-5	5	4-5	-
0200	-	5	4-5	4-5	-	-	-	-
0250	-	-	5	4-5	4	4-5	4	4-5
0300	4	4	4-5	4-5	-	-	-	-
0400	-	4	-	-	4	4	3-4	4

Assessment: The upper Aille (0050) was again not of the expected quality for an upland river type of its kind. The main activities in the upper catchment are forestry plantations with pastures close to the river. The upper catchment was quite heavily overgrazed in the past with slippages noticeable along the channel as a result. The middle reaches (0250) were of quite high status, however, in July 2006 and the last site upstream of Lough Mask was in satisfactory condition with no sign of the cyanobacterial phytoplankton bloom noted flowing into Lough Mask in September 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0010	Br NE Croaghribeg	103865	272113	38	MO
0050	Arderry Br	105615	275984	38	MO
0060	Near Mill u/s Aille Caves	106772	280477	31	MO
0100	Bridge S. of Killawullaun	111287	280373	31	MO
0110	Bridge NW of Claureen	112255	280068	31	MO
0200	Bridge W. of Cartronbower	0	0	0	MO
0250	Bridge u/s Cloon Lough	114284	276081	38	MO
0300	Bridge d/s Cloon Lough	114390	273586	38	MO
0400	Bridge u/s Lough Mask	113494	272577	38	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0010	97	8	100	0	1	0	89	0	10	0	0
0050	61	27	88	12	2	3	80	0	12	0	3
0060	60	34	86	14	1	2	77	0	17	0	3
0100	25	73	55	45	1	3	60	0	26	0	10
0110	22	79	52	48	1	3	60	0	27	1	9
0250	18	124	33	67	8	2	52	0	31	0	6
0300	20	129	32	68	8	2	52	0	31	1	6
0400	20	145	34	66	8	2	54	0	30	1	6

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BALLINDINE**
 Tributary of : 30R01 ROBE
 OS Grid Ref of Confluence: M 349 709
 Date(s) Surveyed: 13/12/2006

30/B/03
 OS Catchment No: 143

Station Nos.	Biological Quality Ratings (Q Values)							
	1979	1986	1989	1994	1996	2000	2003	2006
0100	-	3-4	3	3	1-2	2-3	3/0	3
0200	3	3-4	2-3	2-3	2-3	3-4	2-3	3-4

Assessment: While it remained in unsatisfactory condition an improvement was noted in the Ballindine in late 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Ballindine Bridge	136558	269227	39	MO
0200	Bridge u/s Robe River confl	134907	270841	39	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	52	4	0	100	24	11	17	0	48	0	0
0200	47	9	0	100	37	10	9	0	45	0	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BALLYCUIRKE**
 Tributary of : Lough Corrib
 OS Grid Ref of Confluence: M 241 332
 Date(s) Surveyed: 15/9/2006

30/B/14
 OS Catchment No: 143

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1993	1997	2000	2003	2006
0100	3-4	3-4	3	3	3	3

Assessment: This outflow from Ballycurke Lake was still moderately polluted in September 2006 with no major change in comparison with recent previous surveys.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Railway Br d/s Ballycurke Lough	123190	232555	45	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	N/A	0	0	100	66	0	34	0	0	0	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BEALANABRACK****30/B/01**

Tributary of : Lough Corrib

OS Catchment No: 143

OS Grid Ref of Confluence: L 975 522

Date(s) Surveyed: 7/9/2006

Station Nos.	Biological Quality Ratings (Q Values)							
	1982	1985	1989	1994	1996	2000	2003	2006
0050	-	-	-	-	-	-	4	-
0100	5	5	5	4-5	4-5	4-5	3	4
0200	5	-	5	4	4-5	4-5	4	4

Assessment: Satisfactory: with an improvement noted at Station 0100.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Footbridge N Knockaunbaun	90248	255014	38	GY
0100	Bridge u/s Joyce's River	92031	254742	38	GY
0200	Maam Bridge	96497	252808	38	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	29	0	0	0	0	0	0	0	0	0	0
0100	18	21	76	24	0	2	8	0	0	0	90
0200	7	55	87	13	0	3	30	0	16	0	52

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BLACK (SHRULE)**

30/B/02

Tributary of : Lough Corrib

OS Catchment No: 143

OS Grid Ref of Confluence: M 198 578

Date(s) Surveyed: 8/8/2006, 19/7/2006

Station Nos.	Biological Quality Ratings (Q Values)								
	1977	1980	1984	1989	1994	1997	2000	2003	2006
0100	-	3-4	3-4	3-4	3-4	4	3-4	4	4
0200	4-5	4-5	4	4-5	4-5	4-5	4	4-5	4
0300	4-5	4-5	3	3-4	3-4	4	4	3-4	4
0600	-	-	4	4	4	-	4	4	4

Assessment: The Black (Shrule) was satisfactory at all sites surveyed in July 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bridge at Kilshanvy	131862	257689	38	GY
0200	Bridge in Shrule	128031	252598	38	MO
0300	Moyne Br	125579	249084	45	MO
0600	First Bridge u/s L Corrib	120586	247820	45	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	30	3	0	100	92	0	0	0	8	0	0
0200	22	173	0	100	54	1	16	0	25	0	4
0300	16	186	0	100	53	1	15	0	27	0	3
0600	7	202	0	100	54	1	14	0	28	0	3

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BUNOWEN (OUGHTERARD)**

30/B/08

Tributary of : Lough Ateeaun

OS Catchment No: 143

OS Grid Ref of Confluence: M 090 414

Date(s) Surveyed: 7/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0100	4-5	4-5	4	3-4	4	4

Assessment: Satisfactory condition with little change since 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Glengowla Bridge	108353	242380	45	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	38	5	85	15	6	5	81	0	0	0	8

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CAMMANAGH**
 Tributary of : Lough Mask
 OS Grid Ref of Confluence: L 996 568
 Date(s) Surveyed: 30/8/2006

30/C/04
 OS Catchment No: 143

Station Nos.	Biological Quality Ratings (Q Values)						
	1985	1989	1994	1996	2000	2003	2006
0100	5	5	4-5	5	4	4-5	4-5

Assessment: The Cammanagh River was in satisfactory condition in August 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bridge u/s Lough Mask	97834	256851	38	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	28	8	100	0	0	0	42	0	14	0	43

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CLARE (GALWAY)**

30/C/01

Tributary of : Lough Corrib

OS Catchment No: 143

OS Grid Ref of Confluence: M 303 314

Date(s) Surveyed: 21/7/2006, 24/7/2006

Biological Quality Ratings (Q Values)

Station Nos.	1971	1973	1975	1977	1978	1979	1980	1982	1985	1989	1993	1996	2000	2003	2006
0100	4-5	4	-	4	-	-	4	-	3-4	4	3	3-4	3-4	4	3-4
0300	-	-	-	-	-	-	5	-	4	4	3-4	3	4	4	4
0500	5	5	4	4	4	-	4-5	-	4	4	4	3	4	4	4
0650	3	3	3-4	4	-	4	3-4	3	3	2-3	3	3	4	3-4	4
0700	3-4	3	3-4	4	-	4	4	4	3	3-4	3	3	3-4	4-5	4
0800	4	4	4	4	-	4	4	3-4	4	3-4	3	4	3	3-4	3
0900	-	-	-	-	-	-	4	3-4	3-4	3-4	3-4	3-4	4	4	4
1000	-	-	-	-	-	-	-	-	-	4	4	3	4	3-4	3-4
1100	-	-	-	-	-	-	4	-	3-4	4	3-4	3-4	3	4	4
1200	4	-	-	5	-	-	-	-	3-4	4	3	3	3-4	3-4	4
1300	-	-	-	-	-	-	4	-	4	4	4	4	4	4	4-5

Assessment: Station 0100 had deteriorated in quality in comparison with 2003 to slightly polluted. Four sites surveyed from there to Cloonmore Bridge were satisfactory. Corofin Br (0800) had declined in quality in comparison with the previous recent surveys (from Q3-4 to Q3). Corofin Bridge is one of the four national 'Exchange of Information' sites that are reported upon annually to Europe. Downstream of Corofin quality improved again at Dalys Bridge dropped back slightly at Lackagh Bridge and then showed an improving trend towards Lough Corrib. The groundwater-surface water interactions along the length of the Clare River may be important in explaining the changes in surface water quality observed as these are not easily pinned down to identifiable point sources, for example. Investigative monitoring is required to track down sources and pathways of pollution in the Clare River catchment.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br 1.5 km u/s Milltown	141291	263709	39	GY
0300	Fartamore Bridge	139437	258772	39	GY
0500	Ballygaddy Bridge	142020	253774	39	GY
0650	100 m d/s Weir Br (LHS)	141593	252819	39	GY
0700	Cloonmore Br	140827	249846	46	GY
0800	Corrofin Bridge	142705	243204	46	GY
0900	Dalys Br	141533	240374	46	GY
1000	Lackagh Br	141843	236407	46	GY
1100	Cregmore Bridge	141011	232809	46	GY
1200	Claregalway Bridge	137185	233239	46	GY
1300	Curraghmore Bridge	132111	232828	46	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	42	335	0	100	58	1	21	1	14	0	5
0300	37	424	0	100	60	1	19	0	15	0	4
0500	31	453	0	100	61	1	18	1	15	0	4
0650	29	496	0	100	61	1	18	1	15	0	3
0700	27	514	0	100	61	1	18	1	15	0	3
0800	24	683	0	100	61	1	19	1	14	0	3
0900	22	909	0	100	62	1	18	1	14	0	4
1000	20	931	0	100	62	1	17	1	14	0	4
1100	10	976	0	100	63	1	17	1	15	0	4
1200	8	1056	0	100	65	1	15	1	15	0	3
1300	6	1075	0	100	65	1	15	1	15	0	3

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CLAUREEN (MAYO)**

30/C/12

Tributary of : 30A02 AILLE (MAYO)

OS Catchment No: 143

OS Grid Ref of Confluence: M 134 794

Date(s) Surveyed: 28/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1993	1996	2000	2003	2006
0400	3	3-4	2-3	3	3	3
0700	4-5	4	4	4	4	3

Assessment: Both sites surveyed on the Claureen were moderately polluted in August 2006. This represents a deterioration relative to previous surveys of the river.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Bridge in Ballyhean	113427	283326	31	MO
0700	Claureen Bridge	113202	280262	31	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	27	26	0	100	21	0	29	0	49	0	2
0700	22	37	1	99	20	1	31	0	46	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CLOONDAVER STREAM (NORTH)**

30/C/09

Tributary of : Lough Carra

OS Catchment No: 143

OS Grid Ref of Confluence: M 200 727

Date(s) Surveyed: 13/12/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1985	1989	1993	1996	2000	2003	2006
0100	3-4	3-4	4	3	3-4	3-4	3
0200	4-5	4	4-5	3-4	4	3	-

Assessment: The site at Mullingar Br on this Lough Carra tributary was moderately polluted when surveyed in 2006. While this is a relatively small stream it is potentially an important contributor of nutrients to Lough Carra.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Mullingar Bridge	122372	273337	38	MO
0200	Bridge N.E. of Cloondaver	120583	272744	38	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	30	12	0	100	60	0	8	0	32	0	0
0200	20	0	0	100	40	0	10	0	42	0	8

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CLOONFAD**
 Tributary of : 30D01 DALGAN
 OS Grid Ref of Confluence: M 477 721
 Date(s) Surveyed: 10/8/2006

30/C/11
 OS Catchment No: 143

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1996	2000	2003	2006
0110	4	4	4	4	4	3-4
0300	2-3	3-4	3	3	3-4	3-4

Assessment: Unsatisfactory: both sites surveyed on this Dalgan tributary were slightly polluted in August 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0110	Bridge E. of Cloonfad	151737	271155	39	RN
0300	Blackford Bridge	149226	271082	39	RN

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0110	68	20	0	100	61	6	6	0	24	0	3
0300	59	29	0	100	44	6	18	0	27	0	5

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CORRIB** **30/C/02**
 Tributary of : Sea - Galway Bay OS Catchment No: 143
 OS Grid Ref of Confluence: M 300 246
 Date(s) Surveyed: 15/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1985	1989	1994	1997	2000	2006
0600	4	4	4	4	4	4

Assessment: The main Corrib River outflow from Lough Corrib was surveyed at the main weir in Galway City. Quality was good at this point. No change noted compared with previous surveys.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0600	Salmon Weir Bridge- Galway	129631	225646	45	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0600	6	3119	19	81	42	2	21	1	19	9	6

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CREGG**
 Tributary of : Lough Corrib
 OS Grid Ref of Confluence: M 297 341
 Date(s) Surveyed: 15/9/2006

30/C/03
 OS Catchment No: 143

Station Nos.	Biological Quality Ratings (Q Values)							
	1981	1985	1989	1993	1996	2000	2003	2006
0100	5	4	4	4	4	4	4	4
0200	4	4	4	4	4-5	4	-	4

Assessment: The Cregg was in satisfactory condition at both sites sampled in September 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bridge near Drumgriffin	135386	237853	46	GY
0200	Bridge S. of Addergoole	132288	234991	46	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	10	8	0	100	83	0	0	4	13	0	0
0200	7	50	0	100	58	1	20	2	19	0	1

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DALGAN**
 Tributary of : 30C01 CLARE (GALWAY)
 OS Grid Ref of Confluence: M 432 638
 Date(s) Surveyed: 4/8/2006, 10/8/2006

30/D/01

OS Catchment No: 143

Station Nos.	Biological Quality Ratings (Q Values)													
	1979	1981	1983	1985	1987	1988	1989	1990	1991	1994	1996	2000	2003	2006
0100	4-5	4	4	4	4	4	4	-	-	4	3-4	4	4	3-4
0200	1	1	1	1-2	1	1-2	1-2	1/0	1	1-2	1-2	2-3	3	2-3
0300	4	3	3	-	2	2-3	3	-	-	3	2-3	3	3-4	3-4
0400	4	4	3-4	3	2-3	3	3-4	-	-	3	3	3	4	3-4
0500	4	4	3-4	3	3	3-4	3	-	-	3-4	3-4	4	4	3-4
0600	4	4	3-4	3-4	3	3-4	4	-	-	3-4	3-4	3	3-4	4

Assessment: A drop in quality was noted at the upstream site in Ballyhaunis (0100). Downstream of Ballyhaunis sewage and its large industrial discharges moderate pollution was noted (Station 0200) and thereafter slightly polluted conditions (eutrophication primarily) prevailed until satisfactory conditions returned at the last site (0600) upstream of its confluence with the Sinking River (q.v.) to form the Clare River (q.v.).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Ballyhaunis Bridge	149654	279461	39	MO
0200	2 km S.W. of Ballyhaunis	148752	278064	39	MO
0300	Cottage Bridge	148048	274909	39	MO
0400	Culnacleha Bridge	147536	271685	39	MO
0500	Doonmacreena Bridge	143090	267519	39	MO
0600	Dalgin Bridge	143086	264301	39	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	75	21	0	100	66	0	26	1	2	0	5
0200	72	25	0	100	68	0	22	4	3	0	4
0300	59	42	0	100	70	0	19	2	5	0	3
0400	57	102	0	100	61	2	15	1	14	0	7
0500	53	146	0	100	56	2	19	1	17	0	6
0600	48	168	0	100	56	2	19	1	18	0	5

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DOOGHTA**
 Tributary of : Lough Corrib
 OS Grid Ref of Confluence: M 057 520
 Date(s) Surveyed: 9/11/2006, 30/8/2006

30/D/02
 OS Catchment No: 143

Station Nos.	Biological Quality Ratings (Q Values)						
	1985	1989	1994	1997	2000	2003	2006
0100	5	4-5	5	4-5	4-5	4-5	4-5
0200	5	5	4	4	4-5	4-5	4-5

Assessment: The Dooghta remained in excellent condition.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Ford to W. of Dooghta	101405	253056	38	GY
0200	Bridge u/s Lough Corrib	103977	252588	38	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	19	12	100	0	0	0	68	0	32	0	0
0200	9	24	100	0	0	0	57	0	39	0	3

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DRIMNEEN**
 Tributary of : Lough Corrib
 OS Grid Ref of Confluence: M 157 419
 Date(s) Surveyed: 15/9/2006

30/D/03
 OS Catchment No: 143

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1993	1997	2000	2003	2006
0600	4-5	4-5	4-5	4-5	4	4

Assessment: Satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0600	Natural Bridge	114729	240903	45	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0600	9	26	68	32	3	11	49	0	20	1	16

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **FAILMORE**
 Tributary of : 30B01 BEALANABRACK
 OS Grid Ref of Confluence: L 974 522
 Date(s) Surveyed: 7/9/2006

30/F/01
 OS Catchment No: 143

Station Nos.	Biological Quality Ratings (Q Values)							
	1982	1985	1989	1994	1996	2000	2003	2006
0100	5	5	5	5	5	4-5	4-5	4-5

Assessment: The Failmore continued to be of high quality in 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Teernakill Bridge	96247	252111	38	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	7	26	77	23	1	0	85	0	5	0	8

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **FINNY** **30/F/03**
 Tributary of : Lough Mask OS Catchment No: 143
 OS Grid Ref of Confluence: M 018 582
 Date(s) Surveyed: 30/8/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1985	1989	1993	1996	2000	2003	2006
0100	5	5	4	4-5	4-5	4-5	4

Assessment: A slight drop in quality was noted in the Finny in comparison with 2003; but remaining in satisfactory condition.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	S.W. of Finny	101024	258646	38	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	19	39	94	6	1	0	58	0	5	7	28

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **FOOEY**
 Tributary of : Lough Nafooeey
 OS Grid Ref of Confluence: L 953 596
 Date(s) Surveyed: 30/8/2006

30/F/02
 OS Catchment No: 143

Station Nos.	Biological Quality Ratings (Q Values)						
	1985	1989	1994	1996	2000	2003	2006
0100	5	5	4	5	4-5	3-4	4

Assessment: The Foey had improved on its 2003 condition when land drainage impacts were noted.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bridge u/s Lough Nafooeey	94714	260050	38	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	22	10	100	0	0	0	25	0	0	0	75

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENGAWBEG** **30/G/06**
 Tributary of : 30O02 OWENRIFF (CORRIB) OS Catchment No:
 OS Grid Ref of Confluence:
 Date(s) Surveyed: 7/9/2006

Station Nos.	2006	Biological Quality Ratings (Q Values)
0100	4	

Assessment: The Glengawbeg was surveyed for the first time in 2006 on foot of a serious kill of freshwater pearl mussel in the Owenriff (Corrib) (q.v.). The site sampled was visibly quite silted and also significant quantities of silt were released when the riverbed was disturbed. The substratum also had a significant coating of filamentous algae, which would not be expected for a site of its typology. The primary source of the silt appeared to be upstream forestry activities particularly clearfelling. It was apparent that such siltation could adversely impact on the survival and recruitment of juvenile *Margaritifera margaritifera* in the main river channel downstream of Lough Agraftard. The macroinvertebrate taxa found at the site were nonetheless representative of reasonably good conditions with a significant number of sensitive mayfly species found. It is believed that the steep slope of the river at station 0100 and upstream ensures sufficient aeration and scouring for the fauna in the upper reach of the catchment where this sample was taken. The lower section of the catchment (i.e. the Owenriff river) is, however, likely to be impacted especially in the slower flowing reaches where silt will accumulate.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bridge u/s L. Agraftard .	106773	241601	45	GY

River and Code : **GLENSAUL**
 Tributary of : Lough Mask
 OS Grid Ref of Confluence: M 106 678
 Date(s) Surveyed: 10/7/2006

30/G/01
 OS Catchment No: 143

Station Nos.	Biological Quality Ratings (Q Values)			
	1996	2000	2003	2006
0010	3-4	3-4	4	4
0250	-	-	4	4-5

Assessment: The Glensaul was in satisfactory condition at both sites surveyed with an improvement noted at the lower site just upstream of Lough Mask (0250).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0010	S of Garaanagerra (roadside)	105317	265869	38	MO
0250	0.25 km d/s Br in Tourmakeady	109936	267975	38	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0010	101	5	91	9	0	0	67	0	33	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GORTGARROW STREAM****30/G/05**

Tributary of : 30S01 SINKING

OS Catchment No: 143

OS Grid Ref of Confluence:

Date(s) Surveyed: 26/7/2006, 27/7/2006

Previously reported as part of the Sinking 30S01

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1996	2000	2003	2006
0010	-	3-4	2-3	2-3	3	3
0025	3-4	3-4	3	4	3-4	4

Assessment: The upper site surveyed (0010) was again moderately polluted but a definite improvement was found at the second site (0025) upstream of its confluence with the Sinking River (q.v.).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0010	Br at Gortgarrow*	157514	259081	39	GY
0025	Bridge W. of Parkbaun	158766	260999	39	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0010	74	5	0	100	90	1	9	0	0	0	0
0025	67	31	0	100	74	0	15	1	3	3	3

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GRANGE (GALWAY)**

30/G/02

Tributary of : 30C01 CLARE (GALWAY)

OS Catchment No: 143

OS Grid Ref of Confluence: M 430 450

Date(s) Surveyed: 26/7/2006

Station Nos.	Biological Quality Ratings (Q Values)							
	1980	1985	1989	1994	1997	2000	2003	2006
0120	-	-	4	4	4	3	4	4
0200	3	4	4	3-4	4	4	3	3-4
0300	5	4	4	3-4	3	4	3-4	4
0400	4	4-5	4-5	3-4	3	3-4	3-4	3-4
0500	4	4	4	3	3-4	4	4	4
0700	-	-	-	-	-	-	4	3-4

Assessment: The Grange (Galway) was in borderline condition over most of its length in July 2006. Every second site surveyed along its length was slightly polluted alternating with satisfactory condition. In comparison with 2003 two sites had improved in status, one had deteriorated and three remained at similar quality to that in 2003. The main pressures in the catchment are forestry, agriculture, one-off housing and peat harvesting.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0120	Cloonkeen Bridge	159204	251985	39	GY
0200	Bridge near Cloondahamper	155263	251505	39	GY
0300	Ford N.N.W. of Cornacartan	150944	251664	39	GY
0400	Grange Bridge	147920	249890	46	GY
0500	Cahergal Bridge	147702	247620	46	GY
0700	Mahanagh Bridge (lower)	144075	246125	46	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0120	70	4	0	100	22	17	37	0	18	0	7
0200	62	23	0	100	47	3	39	0	5	2	4
0300	52	74	0	100	58	2	29	0	3	1	8
0400	41	93	0	100	60	2	27	0	4	0	7
0500	28	105	0	100	61	1	25	0	7	0	6

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **JOYCE'S**
 Tributary of : 30B01 BEALANABRACK
 OS Grid Ref of Confluence: L 930 548
 Date(s) Surveyed: 7/9/2006

30/J/01

OS Catchment No: 143

Station Nos.	Biological Quality Ratings (Q Values)							
	1982	1985	1989	1994	1996	2000	2003	2006
0100	5	5	5	4	-	4	4	3
0200	-	-	5	4	4	4	4	3

Assessment: Unsatisfactory. Both sites surveyed on the Joyce's River had deteriorated quite significantly in September 2006. Forestry clearfelling followed by replanting with fertilisation plus a quarry in the upper part of the catchment may be contributing to the problems that were apparent in the river. Overgrazing impacts from sheep may also be partly to blame.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Ford W.N.W. of Griggins	91573	257044	37	GY
0200	Br u/s Bealanabrack River	93093	254846	38	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	18	12	100	0	0	2	30	0	31	0	38
0200	10	21	100	0	0	5	33	0	27	0	35

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **KNOCKAUNRANNY STREAM** **30/K/02**
 Tributary of : Ross Lake OS Catchment No: 143
 OS Grid Ref of Confluence: M 197 357
 Date(s) Surveyed: 15/9/2006

Station Nos.	Biological Quality Ratings (Q Values)		
	2000	2003	2006
0200	4-5	4-5	4

Assessment: Satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br u/s Ross Lake (side road)	119208	235788	45	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	10	11	96	4	13	0	68	0	8	0	11

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **LEVALLY STREAM** **30/L/07**
 Tributary of : 30G02 GRANGE (GALWAY) OS Catchment No: 143
 OS Grid Ref of Confluence:
 Date(s) Surveyed: 26/7/2006

Previously reported as part of the Grange (GY) 30G02

Station Nos.	Biological Quality Ratings (Q Values)							
	1980	1985	1989	1994	1997	2000	2003	2006
0100	4	4	3	4	4	3-4	4	4

Assessment: The recovery to satisfactory condition noted in 2003 was maintained in 2006 in this Grange River (q.v.) tributary.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bridge near Levally	154636	252462	39	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	61	40	0	100	66	1	18	0	2	0	13

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **LOUGH NACORRALEA STREAM** **30/L/03**
 Tributary of : 30A02 AILLE (MAYO) OS Catchment No: 143
 OS Grid Ref of Confluence: M 139 737
 Date(s) Surveyed: 7/7/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1993	1996	2000	2003	2006
0400	4	4	4-5	3-4	4-5	4

Assessment: Satisfactory although a deterioration in status is apparent since the 2003 survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Bridge E. of Cloonee	113055	274654	38	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	25	13	62	38	7	0	67	0	19	4	3

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **LOUGHKIP**
 Tributary of : Ballycurke Lough
 OS Grid Ref of Confluence: M 241 333
 Date(s) Surveyed: 15/9/2006

30/L/01
 OS Catchment No: 143

Station Nos.	Biological Quality Ratings (Q Values)						
	1985	1989	1993	1997	2000	2003	2006
0100	-	4	4	4	4	4-5	4
0200	4-5	5	4	4-5	4-5	4-5	4

Assessment: Both sites were in satisfactory condition in 2006, though of lower quality than that observed in 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Laughil Bridge	118675	229834	45	GY
0200	Bridge u/s Ballycurke Lough	122211	231218	45	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	72	11	100	0	5	3	71	0	7	0	14
0200	18	28	100	0	12	1	73	0	6	0	8

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **NANNY (TUAM)**

30/N/01

Tributary of : 30C01 CLARE (GALWAY)

OS Catchment No: 143

OS Grid Ref of Confluence: M 418 529

Date(s) Surveyed: 26/7/2006, 27/7/2006

Biological Quality Ratings (Q Values)

Station Nos.	1971	1973	1975	1979	1981	1983	1987	1989	1990	1991	1994	1997	2000	2003	2006
0100	-	-	-	-	5	5	4	3	-	-	4	-	4-5	4	4-5
0300	2	1-2	1	1	1	1	1	1	1	1	2-3	4	4	4	3-4

Assessment: The Nanny (Tuam) was in good condition in the upper section (0100) but quality had dropped in the lower section downstream of Tuam, just upstream of its confluence with the Clare River (q.v.) and it now appears slightly polluted at this point.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br NW Loughpark	145518	252926	39	GY
0300	u/s Weir Bridge	141798	252990	39	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	44	27	0	100	73	0	15	3	7	0	2
0300	30	37	0	100	72	0	12	8	7	0	1

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENBRIN**
 Tributary of : Lough Mask
 OS Grid Ref of Confluence: M 058 626
 Date(s) Surveyed: 28/8/2006

30/O/01
 OS Catchment No: 143

Station Nos.	Biological Quality Ratings (Q Values)						
	1985	1989	1993	1996	2000	2003	2006
0050	-	5*	3*	3-4	4	3-4	3-4
0200	5	4*	3*	3	3	3	3-4

Assessment: Unsatisfactory. Problems continue in the Owenbrin River largely due to catchment pressures that appear to be impacting the hydromorphology of the river and contributing nutrients to the system. Forestry and sheep grazing are the main pressures.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Br WNW Barnahowna	102974	264278	38	MO
0200	Bridge u/s Lough Mask	105561	262758	38	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	71	18	100	0	7	7	77	0	2	2	5
0200	20	26	100	0	7	5	70	0	11	1	6

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENRIFF (CORRIB)**

30/O/02

Tributary of : Lough Corrib

OS Catchment No: 143

OS Grid Ref of Confluence: M 130 435

Date(s) Surveyed: 9/11/2006

Station Nos.	Biological Quality Ratings (Q Values)										
	1971	1973	1977	1981	1985	1989	1994	1997	2000	2003	2006
0070	-	-	-	-	-	4	4	4	4	4	4-5
0100	4-5	4	4	5	4	4-5	4	4	4	4	4-5
0190	4	4	4-5	4-5	4	3-4	3-4	3-4	4-5	4-5	4

Assessment: Water quality was satisfactory at all sites surveyed in the Owenriff in November 2006. Juvenile *Margaritifera margaritifera* were noted at Station 0070 and juvenile specimens also tentatively identified as *M. margaritifera* were identified at Station 0100. Quality was slightly lower than upstream, however, in the lowermost site in Oughterard. In view of the serious incident that affected the Owenriff in early summer 2004 it is encouraging to see juvenile specimens surviving in the upper and middle sections of this river. As an SAC the river catchment requires particularly careful management of land use in order to avoid siltation and eutrophication impacting *M. margaritifera* and this important river ecosystem.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0070	1 km d/s Lough Agraffard	107289	242061	45	GY
0100	1 km u/s Oughterard Bridge	110778	242519	45	GY
0190	Bridge u/s Lough Corrib	112247	243183	45	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0070	33	44	76	24	0	12	62	0	5	6	14
0100	22	63	74	26	1	12	66	0	5	4	11
0190	10	66	72	28	2	12	65	1	5	4	12

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENWEE (CORRIB)** **30/O/03**
 Tributary of : Lough Corrib OS Catchment No: 143
 OS Grid Ref of Confluence: M 014 484
 Date(s) Surveyed: 7/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1997	2000	2003	2006
0180	4	4	3	4	4-5	4

Assessment: This Lough Corrib tributary was satisfactory in September 2006 although somewhat lower in quality than in 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0180	200 m d/s Tawnaghbeg Lough	101408	246968	45	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0180	19	9	81	19	0	12	58	0	4	3	23

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **ROBE**
 Tributary of : Lough Mask
 OS Grid Ref of Confluence: M 153 658
 Date(s) Surveyed: 18/7/2006, 19/7/2006

30/R/01

OS Catchment No: 143

Station Nos.	Biological Quality Ratings (Q Values)													
	1971	1977	1980	1982	1985	1987	1989	1994	1996	1997	2000	2001	2003	2006
0015	-	-	-	-	-	-	-	4-5	4	-	3	-	4	4
0030	-	-	-	-	-	-	3	3-4	-	4	3-4	-	4	3-4
0120	-	-	-	-	-	-	3-4	3-4	-	4	4	3-4	4	4
0200	4-5	4-5	4	3	4	4	3-4	3-4	-	3	3-4	-	4	4-5
0310	-	-	-	-	-	-	-	3	-	3	3-4	-	3-4	-
0400	5	5	4	4	3-4	3-4	4	3	-	3-4	3	3-4	3	4
0510	-	-	-	-	-	-	-	4	-	4	3	-	4	4
0600	4-5	4	4	4	4	4	4-5	3	-	4	3	-	3-4	4
0950	-	-	-	-	-	-	-	-	-	4	3	-	4	4

Assessment: A drop in quality was noted at Kilknock Br (0200) in comparison with the 2003 results but downstream of this to Claremorris, Ballinrobe and Lough Mask the condition of the River Robe had improved overall such that the river is now in better condition than it has been for some time.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0015	Br S of Cloonbullan	143566	276981	39	MO
0030	Kilknock Bridge	141001	273651	39	MO
0120	Christina's Br	134435	270995	0	MO
0200	Bridge in Crossboyne	133871	271034	39	MO
0310	Hollybrook Br	128280	272033	38	MO
0400	Hollymount Bridge	125839	268640	38	MO
0510	Robeen Bridge	123326	268656	38	MO
0600	Akit Bridge	119464	264943	38	MO
0950	North of Curragh	116794	264817	38	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0015	71	9	0	100	29	0	4	0	40	3	24
0030	57	47	0	100	46	1	24	0	22	1	6
0200	44	128	0	100	47	3	15	2	25	0	7
0310	35	174	0	100	46	3	15	2	26	1	8
0400	32	193	0	100	46	2	16	2	25	1	7
0510	30	243	0	100	50	2	14	1	26	1	6
0600	24	265	0	100	51	2	13	1	27	1	5
0950	20	300	0	100	54	2	12	2	25	1	5

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **SCARDAUN**
 Tributary of : 30R01 ROBE
 OS Grid Ref of Confluence: M 322 704
 Date(s) Surveyed: 13/12/2006

30/S/04
 OS Catchment No: 143

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1996	2000	2003	2006
0100	2-3	3	2-3	4	4	4
0500	-	3	3	3	-	3

Assessment: Quality in Scardaun village (0100) was again maintained but there are still problems in the lower section just upstream of its confluence with the Robe (0500) where it appears moderately polluted.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bridge at Scardaun	133371	267972	39	MO
0500	Just u/s Robe River confluence	132097	270185	39	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	47	6	0	100	47	5	18	0	30	0	0
0500	40	13	0	100	42	2	20	0	35	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **SINKING**
 Tributary of : 30C01 CLARE (GALWAY)
 OS Grid Ref of Confluence: M 432 638
 Date(s) Surveyed: 27/7/2006, 28/7/2006

30/S/01

OS Catchment No: 143

Station Nos.	Biological Quality Ratings (Q Values)										
	1971	1973	1977	1979	1984	1989	1994	1996	2000	2003	2006
0080	-	-	-	-	-	-	3-4	3	4	-	3-4
0100	5	-	4-5	4-5	4	4	-	-	-	3-4	-
0200	-	-	-	-	4	4	-	-	-	-	-
0300	4	5	4	4	4	3-4	3-4	-	3	3-4	2-3
0320	-	-	-	-	-	-	4	-	3	4	4
0400	-	-	-	-	-	4	4	-	3	-	3-4

Assessment: The Sinking River was in unsatisfactory condition over most of its length in late 2006. Agricultural intensity in the upper catchment (0080), sewage from Dunmore (0300) has an immediate intense impact but a recovery was noted at Ballymoney Br (0320) some 2km further downstream. The lower reaches (0400), upstream of its confluence with the Dalgan River (q.v.) to form the Clare River (q.v.), are again eutrophic, apparently due to agricultural sources.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0080	Br SSW of Ballinlass	153497	262008	39	GY
0100	Br 3 km u/s Dunmore Bridge	152528	262094	39	GY
0200	Dunmore Bridge	150920	263507	39	GY
0300	Br at Dunmore Castle	150201	263985	39	GY
0320	Ballymoney Br	148329	263237	39	GY
0400	Cloonagh Br	144296	263500	39	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0080	57	84	0	100	58	0	29	0	9	1	2
0100	56	86	0	100	58	0	30	0	9	1	2
0200	52	108	0	100	59	0	28	0	8	1	3
0300	50	132	0	100	61	0	24	0	8	1	6
0320	49	143	0	100	60	1	24	0	9	1	6
0400	45	155	0	100	60	0	23	0	10	1	5

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **SRAHNALONG**

30/S/03

Tributary of : Lough Mask

OS Catchment No: 143

OS Grid Ref of Confluence: M 019 613

Date(s) Surveyed: 30/8/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1985	1989	1993	1996	2000	2003	2006
0100	5	5	4	5	4	4	4

Assessment: Unchanged, satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bridge u/s Lough Mask	100885	261418	38	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	33	9	99	1	0	0	97	0	3	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **TERRYLAND**
 Tributary of : Corrib (Distributary)
 OS Grid Ref of Confluence: M 295 265
 Date(s) Surveyed: 15/9/2006

30/T/01
 OS Catchment No: 143

Station Nos.	Biological Quality Ratings (Q Values)		
	2000	2003	2006
0500	2-3	2-3	2-3

Assessment: No change noted - the Terryland is located in a densely urban part of Galway and flows to an underground outlet as a distributary of the Corrib.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0500	Br d/s Terryland Br on ring road	131333	227263	45	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0500	8	5	0	100	50	0	0	25	0	0	25

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **TULLAGHAUN**
 Tributary of : 30D01 DALGAN
 OS Grid Ref of Confluence: M 484 738
 Date(s) Surveyed: 10/8/2006

30/T/03
 OS Catchment No: 143

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1996	2000	2003	2006
0300	4	4	4	4	4	4

Assessment: No change was noted in this tributary of the upper Dalgan River since last surveyed in 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Bridge u/s Dalgan River	148698	274092	39	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	60	16	0	100	67	0	6	0	1	0	27

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **YELLOW (SINKING)** **30/Y/01**
 Tributary of : 30S01 SINKING OS Catchment No: 143
 OS Grid Ref of Confluence:
 Date(s) Surveyed: 27/7/2006

Previously reported as part of the Sinking 30S01

Station Nos.	Biological Quality Ratings (Q Values)					
	1989	1994	1996	2000	2003	2006
0045	3-4	4	3-4*	4	3	4
0055	3-4	3-4	4	4	4	4

Assessment: Both sites surveyed on the Yellow River in 2006 were in satisfactory condition representing an improvement on 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0045	Bridge S. of Cloonkeen	159443	265257	39	GY
0055	Woodfield Br	157151	263736	39	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0045	81	20	0	100	23	0	56	0	20	0	0
0055	68	33	0	100	45	0	40	0	14	0	1

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

HYDROMETRIC AREA 31 (Galway Bay North)	
CASHLA	31C01
CRUMLIN (GALWAY BAY)	31C02
GLENCOAGHAN	31G01
GOWLABEG	31G03
INVERMORE	31I01
KNOCK (FURBO)	31K01
KNOCKADOAGH	31K02
LOUGHINCH	31L01
OWENBOLISKA	31O01
OWENGOWLA	31O02
OWENRIFF (SOUTH GALWAY)	31O04
OWENTOOEY	31O03
POLLEEN	31P01
RECESS	31R01
SCREEB	31S01
TOOREENACOONA	31T01

River and Code : **CASHLA**
 Tributary of : Sea - Cashla Bay
 OS Grid Ref of Confluence: L 973 264
 Date(s) Surveyed: 12/12/2006

31/C/01
 OS Catchment No: 138

Station Nos.	Biological Quality Ratings (Q Values)						
	1986	1990	1994	1997	1999	2003	2006
0100	4-5	4	4	4-5	4-5	4-5	4-5

Assessment: The Cashla River was in excellent condition.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Cashla Bridge	97806	226404	45	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	3	73	100	0	1	4	81	0	0	7	7

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CRUMLIN (GALWAY BAY)**

31/C/02

Tributary of : Sea - Galway Bay

OS Catchment No: 139

OS Grid Ref of Confluence: M 038 214

Date(s) Surveyed: 12/12/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1986	1990	1994	1997	1999	2002	2006
0100	4	4	3-4	4	4	4	4

Assessment: Satisfactory. No change.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Dr Chromghlinne	103914	222241	45	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	25	24	100	0	0	0	89	0	0	9	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENCOAGHAN**

31/G/01

Tributary of : Ballynahinch Lough

OS Catchment No: 136

OS Grid Ref of Confluence: L 798 474

Date(s) Surveyed: 11/12/2006

Station Nos.	Biological Quality Ratings (Q Values)				
	1990	1997	1999	2003	2006
0100	4-5	4-5	4	3-4	3-4

Assessment: Unsatisfactory, slightly polluted - as in 2003 the Glencoaghan lacked a range of sensitive species previously recorded at this site.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br SE of Derrynavglan	80151	248606	44	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	22	11	98	2	0	0	67	0	6	0	27

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GOWLABEG**
 Tributary of : Sea - Bertraghboy Bay
 OS Grid Ref of Confluence: L 817 392
 Date(s) Surveyed: 11/12/2006

31/G/03
 OS Catchment No: 137

Station Nos.	Biological Quality Ratings (Q Values)						
	1986	1990	1994	1997	1999	2003	2006
0100	4-5	4	4-5	4-5	4	4-5	4

Assessment: Satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bridge S.W. of Gowla	81584	239089	44	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	3	9	100	0	0	0	86	0	0	0	14

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **INVERMORE**
 Tributary of : Sea - Kilkieran Bay
 OS Grid Ref of Confluence: L 899 391
 Date(s) Surveyed: 12/12/2006

31/I/01
 OS Catchment No: r4

Station Nos.	Biological Quality Ratings (Q Values)				
	1994	1997	1999	2003	2006
0500	3-4	3-4	4	3-4	4

Assessment: An improvement was noted in the Invermore in comparison with the 2003 survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0500	Br d/s Invermore Lough	89891	238982	44	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0500	0	37	100	0	0	32	58	0	2	7	22

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **KNOCK (FURBO)**

31/K/01

Tributary of : Sea - Galway Bay

OS Catchment No: 142

OS Grid Ref of Confluence: M 184 228

Date(s) Surveyed: 15/12/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1986	1990	1994	1997	1999	2002	2006
0100	-	4	3-4	3-4	4	3-4	4
0200	5	4	4	4-5	4-5	4	4-5

Assessment: Satisfactory - an improvement in quality was noted at both sites surveyed.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Knockadrohid Bridge	115876	226684	45	GY
0200	Br at Doire Uachtair	118658	224016	45	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	88	6	100	0	3	10	72	0	0	5	9
0200	24	16	100	0	10	4	64	0	3	2	18

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **KNOCKADOAGH**

31/K/02

Tributary of : Glenicmurrin Lough

OS Catchment No: 138

OS Grid Ref of Confluence: M 005 301

Date(s) Surveyed: 12/12/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	1999	2003	2006
0100	4	4	4	4	4-5	4-5

Assessment: Good quality noted again in the Knockadoagh.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bridge N. of Knockadoagh	101058	229747	45	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	30	10	100	0	3	0	93	0	0	5	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **LOUGHINCH**
 Tributary of : 31K01 KNOCK (FURBO)
 OS Grid Ref of Confluence: M 186 232
 Date(s) Surveyed: 15/12/2006

31/L/01

OS Catchment No: 142

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	1999	2002	2006
0020	-	-	-	3	3-4	3-4
0100	4	4	4	4	4	4

Assessment: No change in comparison with 2003 - some enrichment was again noted in the upper section (0020) of the river.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0020	Br d/s Lough Inch	121344	224582	45	GY
0100	Second Br u/s Knock River	118928	224017	45	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0020	54	0	100	0	0	0	81	0	19	0	0
0100	24	7	100	0	5	0	82	0	13	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENBOLISKA**

31/O/01

Tributary of : Sea - Galway Bay

OS Catchment No: 141

OS Grid Ref of Confluence: M 127 223

Date(s) Surveyed: 12/12/2006, 15/12/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1986	1990	1994	1997	1999	2003	2006
0100	4	4	3-4	4	4	-	4
0200	4	4	4	4	4-5	4-5	4

Assessment: Both sites surveyed were satisfactory although the lower site in Spiddal dropped to Q4 from the previous Q4-5 rating.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	U/s Lough Boliska	112147	228726	45	GY
0200	Bridge in Spiddal	112742	222517	45	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	59	74	100	0	0	35	44	0	1	2	18
0200	9	90	100	0	1	29	49	0	4	3	15

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENGOWLA**
 Tributary of : Sea - Bertraghboy Bay
 OS Grid Ref of Confluence: L 811 395
 Date(s) Surveyed: 11/12/2006

31/O/02
 OS Catchment No: 137

Station Nos.	Biological Quality Ratings (Q Values)						
	1986	1990	1994	1997	1999	2003	2006
0300	4-5	4	4	4	4	4-5	4-5

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Bunnahown Bridge	81826	239769	44	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	5	34	100	0	0	0	96	0	1	2	1

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENRIFF (SOUTH GALWAY)** **31/O/04**
 Tributary of : Sea - Galway Bay OS Catchment No: 140
 OS Grid Ref of Confluence: M 089 221
 Date(s) Surveyed: 12/12/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1986	1990	1994	1997	1999	2002	2006
0300	4	3	4	4	4-5	4	4

Assessment: Satisfactory - no change.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Br SE Knock South	108974	222678	45	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	15	17	100	0	6	9	70	0	0	3	12

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENTOOEY**
 Tributary of : 31R01 RECESS
 OS Grid Ref of Confluence: L 870 472
 Date(s) Surveyed: 11/12/2006

31/O/03
 OS Catchment No: 136

Station Nos.	Biological Quality Ratings (Q Values)						
	1986	1990	1994	1997	1999	2003	2006
0100	4-5	4-5	4	4	4	4-5	4-5

Assessment: Continuing satisfactory conditions were noted in the Owentooey in 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Tullywee Bridge	87223	247478	44	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	29	21	88	12	0	3	88	0	3	1	4

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **POLLEEN**
 Tributary of : Sea - Galway Bay
 OS Grid Ref of Confluence: M 096 220
 Date(s) Surveyed: 12/12/2006

31/P/01

OS Catchment No: o4

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	1999	2002	2006
0100	4	4	4	3-4	3-4	4

Assessment: The Polleen improved in quality in comparison with the 2003 results.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br S Kilroe East	109723	222118	45	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	1	5	100	0	10	0	76	0	0	14	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **RECESS****31/R/01**

Tributary of : Sea - Bertraghboy Bay

OS Catchment No: 136

OS Grid Ref of Confluence: L 757 446

Date(s) Surveyed: 11/12/2006

Station Nos.	Biological Quality Ratings (Q Values)							
	1986	1990	1994	1997	1999	2003	2006	
0100	4-5	5	4	4-5	4	4	4-5	
0200	4-5	4	4	4-5	-	4	4	
0300	4	4	-	4-5	4	4	-	
0400	-	4	4	4	-	4	-	
0700	-	4	5	4	4-5	4-5	4-5	

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bunsconnive Bridge	93634	246316	45	GY
0200	Cloonloppeen Bridge	90343	246100	44	GY
0300	D/s Owentooey River confl	85925	247120	44	GY
0400	Weir Bridge	83359	247725	44	GY
0700	Cloonbeg Bridge	75897	246571	44	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	48	2	100	0	0	7	93	0	0	0	0
0200	45	15	81	19	0	3	80	0	6	9	2
0300	22	45	82	18	0	8	77	0	5	4	6
0400	19	52	82	18	0	7	75	0	7	5	6
0700	7	157	79	21	0	9	64	0	5	6	15

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **SCREEB** **31/S/01**
 Tributary of : Sea - Camus Bay OS Catchment No: r4
 OS Grid Ref of Confluence: L 951 383
 Date(s) Surveyed: 12/12/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	1999	2003	2006
0570	4	3-4	3-4	3-4	3-4	3-4

Assessment: An ongoing problem of slight pollution was noted downstream of a fish farm located on the river upstream of Station 0570.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0570	U/s Lough Ahalia North	97356	240320	45	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0570	2	41	79	21	0	8	76	0	0	7	9

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **TOOREENACOONA**

31/T/01

Tributary of : Lough Inagh

OS Catchment No: 136

OS Grid Ref of Confluence: L 825 545

Date(s) Surveyed: 11/12/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	1999	2003	2006
0200	4-5	4-5	5	4-5	4	4-5

Assessment: Satisfactory. Quality was restored to Q4-5 once again on this Lough Inagh tributary.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Bridge u/s Lough Inagh	82446	255514	37	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	22	14	56	44	0	16	74	0	0	0	9

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

HYDROMETRIC AREA 32 (Errif – Clew Bay – Balance of Survey)

Partial Survey in 2005, Balance of Survey in 2006.

BALLINABOY	32B07
BUNDORRAGHA	32B01
BUNOWEN (LOUISBURGH)	32B03
CARROWBEG (WESTPORT)	32C05
CARROWNISKY	32C01
CROSS (MAYO)	32C02
CULFIN	32C04
DAWROS	32D01
DERRYCRAFF	32D02
DERRYEHORRAUN	32D04
ERRIFF	32E01
GLAISHWY	32G12
GLENDAVOCK	32G01
GLENLAUR	32G02
GLENUMMERA *	32G05
MOYOUR	32M01
OWENDUFF (ERRIFF)	32O08
OWENGARVE (MAYO)	32O02
OWENGLIN	32O03
OWENNABROCKAGH	32O04
OWENNADORNAUN	32O07
OWENWEE (MAYO)	32O06
SKERDAGH	32S01
STREAMSTOWN (CLIFDEN)	32S04
TRAHEEN	32T01

* GLENUMMERA Previously reported as part of the Bundorragha (32B01)

River and Code : **BALLINABOY**
 Tributary of : Sea: Ardbear Bay
 OS Grid Ref of Confluence: L 660 480
 Date(s) Surveyed: 18/12/2006

32/B/07

OS Catchment No: t4

Station Nos.	Biological Quality Ratings (Q Values)				
	1994	1997	1999	2002	2006
0100	3	3	3	2-3	2-3
0300	4	3-4	4	4	4

Assessment: The Ballinaboy was again moderately polluted downstream of L. Beaghcauneen (0100). The impact is apparently due to a nearby fish farm located in the lake itself. The river recovers and quality is satisfactory again at the lower station (0300).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br. d/s L. Beaghcauneen	68093	247523	44	GY
0300	Br WSW of L. Nagilky	66764	247768	44	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	16	22	99	1	0	0	69	0	0	31	0
0300	12	24	99	1	0	0	71	0	1	29	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BUNDORRAGHA**

32/B/01

Tributary of : Sea - Killary Harbour

OS Catchment No: 130

OS Grid Ref of Confluence: L 842 632

Date(s) Surveyed: 14/9/2006

Station Nos.	Biological Quality Ratings (Q Values)							
	1982	1986	1990	1994	1997	1999	2002	2006
0200	5	4-5	4-5	4-5	4-5	4-5	4-5	4-5

Assessment: The Bundorragha River was satisfactory when sampled in September 2006. Additional physico-chemical monitoring is required on the Bundorragha in the light of new discharges to this highly sensitive river.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Bridge E. of Bundorragha	84182	263413	37	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	3	48	100	0	0	3	55	0	0	4	39

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BUNOWEN (LOUISBURGH)**

32/B/03

Tributary of : Sea - Clew Bay

OS Catchment No: 127

OS Grid Ref of Confluence: L 803 818

Date(s) Surveyed: 8/9/2006

Station Nos.	Biological Quality Ratings (Q Values)							
	1981	1986	1990	1994	1997	1999	2002	2006
0050	-	-	-	-	-	-	5	5
0100	5	5	5	5	5	5	4-5	4-5
0150	4-5	4-5	4	4	4	4	4	3

Assessment: The upper sections of the Bunowen River were of high quality (0050, 0100). A deterioration was, however, noted in the lowermost section in Louisburgh village (0150). Reports of agricultural pollution in a tributary between sampling station 0100 and 0150 had been received. The main Louisburgh wastewater treatment discharge is to the tidal reach downstream of the village and is thus unlikely to be the cause of the problem noted at 0150.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Br N laghta Eighter	85176	275060	0	MO
0100	Tully Bridge	81965	277956	37	MO
0150	Bridge in Louisburgh	80678	280689	30	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	21	33	100	0	0	11	82	0	6	0	2
0150	5	70	100	0	8	6	68	0	13	0	4

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CARROWBEG (WESTPORT)**

32/C/05

Tributary of : Sea - Westport Bay

OS Catchment No: 125

OS Grid Ref of Confluence: L 982 846

Date(s) Surveyed: 5/9/2006

Station Nos.	Biological Quality Ratings (Q Values)									
	1980	1986	1990	1991	1994	1997	1999	2002	2003	2006
0050	4	5	5	5	4-5	4-5	4	4	4-5	4-5
0100	4	4	4-5	-	4-5	4	4	-	4	4
0300	-	-	3	-	3	3	2-3	-	3-4	3

Assessment: The upper and middle sections of the Carrowbeg River upstream of Westport town were satisfactory. A decline in quality was noted at the lower site in Westport.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Cloghan Bridge	101084	279825	38	MO
0100	Cooloughra Bridge	102283	282745	31	MO
0300	2nd Br u/s Lake Westport Ho	99338	284501	31	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	30	15	86	14	0	0	49	0	27	0	24
0100	24	36	50	50	4	1	30	0	33	1	31
0300	8	43	53	47	3	2	25	3	40	1	26

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CARROWNISKY**

32/C/01

Tributary of : Sea - S of Clew Bay

OS Catchment No: 128

OS Grid Ref of Confluence: L 745 765

Date(s) Surveyed: 8/9/2006

Station Nos.	Biological Quality Ratings (Q Values)							
	1982	1986	1990	1994	1997	1999	2002	2006
0020	-	-	5	5	5	4-5	4-5	4-5
0100	4-5	5	5	4	4-5	4-5	3-4	4
0250	-	-	-	-	-	-	3-4	4

Assessment: The Carrownisky was in satisfactory condition over its length in September 2006. An improvement was noted in the middle and lower reaches compared with the 2002 survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0020	Glenkeen Bridge	81858	272370	37	MO
0100	Br at Srahwee	80051	274109	37	MO
0250	Ford 1.7 km u/s Roonagh Lough	76060	277405	0	

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0020	63	6	100	0	0	0	90	0	3	0	6
0100	48	21	100	0	0	2	87	0	9	0	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CROSS (MAYO)** **32/C/02**
 Tributary of : 32D02 DERRYCRAFF OS Catchment No: 131
 OS Grid Ref of Confluence: L 992 723
 Date(s) Surveyed: 13/9/2006

Station Nos.	Biological Quality Ratings (Q Values)			
	1990	1994	2002	2006
0100	5	4	4	4

Assessment: The Cross River flowing from Lough Glenawough was unpolluted in September 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Derrinkee Bridge	100530	272273	0	MO

River and Code : **CULFIN**
 Tributary of : Sea - near Killary Harbour
 OS Grid Ref of Confluence: L 747 636
 Date(s) Surveyed: 18/12/2006

32/C/04

OS Catchment No: 132

Station Nos.	Biological Quality Ratings (Q Values)							
	1982	1986	1990	1994	1997	1999	2002	2006
0020	-	-	5	4-5	4	4	4	-
0040	-	-	4	4	4	4	4	4
0200	5	5	4	4	4	4-5	4-5	4

Assessment: Satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0020	Owenduff Bridge	81021	259611	37	GY
0040	Between L Fee and L Muck	77868	262129	37	GY
0200	Br NW of Townacarra	75045	263473	37	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0020	52	6	100	0	0	18	55	0	0	0	27
0040	47	16	100	0	0	7	65	0	0	11	17
0200	2	21	100	0	1	5	69	0	0	9	16

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DAWROS**
 Tributary of : Sea - Ballynakill Harbour
 OS Grid Ref of Confluence: L 701 598
 Date(s) Surveyed: 18/12/2006

32/D/01

OS Catchment No: 133

Station Nos.	Biological Quality Ratings (Q Values)							
	1982	1986	1990	1994	1997	1999	2002	2006
0020	-	-	5	4-5	5	4-5	4-5	3
0100	5	5	5	4-5	3-4	4-5	5	-
0200	5	5	5	4-5	4-5	4-5	4-5	4-5

Assessment: The upper Dawros had a very sparse fauna with only five taxa recorded. This section upstream of Kylemore Lake appeared to be suffering from bank erosion and significant hydromorphological pressure. The substratum is loose and has a significant amount of sand in it. In flood conditions sand can be very abrasive and can lead to scouring of the substratum, making it difficult for macroinvertebrate populations to survive. Quality was satisfactory at the lower sample point (0200).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0020	Ford u/s Kylemore Lough	80028	257445	37	GY
0100	Tullywee Bridge	72917	258490	37	GY
0200	Dawros Bridge	70180	259745	37	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0020	39	9	68	32	0	10	54	0	0	0	37
0100	20	40	72	28	0	10	68	0	2	4	17
0200	4	53	76	24	0	7	72	0	3	3	15

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DERRYCRAFF**
 Tributary of : 32E01 ERRIFF
 OS Grid Ref of Confluence: L 976 707
 Date(s) Surveyed: 13/9/2006

32/D/02

OS Catchment No: 131

Station Nos.	Biological Quality Ratings (Q Values)							
	1982	1986	1990	1994	1997	1999	2002	2006
0100	-	5	5	4	4-5	4	4	4
0150	4-5	5	-	4	4	4	3-4	3-4

Assessment: The lower site on the Derrycraff River suffered a drop in quality in comparison with the upper site. There are a number of extensive quarries located in the catchment.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br NW Tullywee L.	101522	273525	38	MO
0150	Br u/s Erriff R confluence	97850	270547	38	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	47	9	63	37	4	8	86	0	2	0	1
0150	34	48	86	14	1	6	78	0	8	1	5

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DERRYHORRAUN**

32/D/04

Tributary of : Sea - Ardbear Bay

OS Catchment No: t4

OS Grid Ref of Confluence: L 659 490

Date(s) Surveyed: 18/12/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	1999	2002	2006
0200	4-5	4	4-5	4-5	4-5	4-5

Assessment: The Derryhorraun was unpolluted where sampled just upstream of Salt Lake.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Just u/s Salt Lough	67132	249373	44	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	12	12	54	46	0	3	76	0	16	5	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **ERRIFF**
 Tributary of : Sea - Killary Harbour
 OS Grid Ref of Confluence: L 894 643
 Date(s) Surveyed: 13/9/2006, 14/9/2006

32/E/01

OS Catchment No: 131

Station Nos.	Biological Quality Ratings (Q Values)							
	1981	1986	1990	1994	1997	1999	2002	2006
0030	-	-	5	4-5	4-5	4-5	4-5	4
0100	5	5	5	4	4-5	4-5	4-5	4
0200	5	5	5	4-5	4-5	4-5	4-5	4-5
0300	5	5	5	4-5	4	4	4	4

Assessment: The Erriff River was unpolluted over its length in September 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0030	The Wooden Br (W of Cregganmore)	91536	274307	37	MO
0100	Srahlea Bridge	97646	271169	38	MO
0200	Erriff Bridge	96087	268311	38	MO
0300	Aasleagh Bridge	89485	264549	37	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0030	78	15	100	0	2	4	67	0	0	2	24
0100	36	56	100	0	1	2	74	0	14	1	9
0200	29	116	94	6	1	5	76	0	11	1	7
0300	8	166	95	5	1	6	75	0	9	1	9

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLAISHWY**
 Tributary of : Lough Beltra
 OS Grid Ref of Confluence: M 050 960
 Date(s) Surveyed: 12/9/2006

32/G/12

OS Catchment No: 108

Station Nos.	Biological Quality Ratings (Q Values)						
	2000	2001	2002	2003	2004	2005	2006
0100	3	3	3-4	3-4	4	3-4	3

Assessment: This site is downstream of Derrinnumera Landfill which now has its leachate tankered from the site on a daily basis and treated in Castlebar wastewater treatment plant. The Glaishwy has also been impacted by forestry operations in the catchment. A drop in Q-Value was noted December 2005 and in September 2006. Significant siltation– of reddish-brown colour – was seen in the recent samples. The red colour indicates iron rich sediment. The silt coats the substratum quite thickly in places and this is the most noticeable adverse impact at present. In addition to the landfill and forestry operations other drainage/cleaning activities may be adding to the amount of siltation. Salmonid spawning was noted in December 2004 indicating a recovery and generally cleaner conditions then. Recent fluctuations in invertebrate quality together with the degree of siltation recorded, however, suggest that the river is not yet in a stable condition.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Glaishwy Bridge	105015	296043	31	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	31	5	83	17	0	11	41	0	0	0	49

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENDAVOCK**
 Tributary of : Tawnyard Lough
 OS Grid Ref of Confluence: L 908 674
 Date(s) Surveyed: 13/9/2006

32/G/01
 OS Catchment No: 131

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	1999	2002	2006
0100	5	3-4	4	4	4	4

Assessment: Satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	0.85 km u/s Tawnyard Lough	90038	267626	37	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	68	7	100	0	0	12	33	0	0	0	54

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENLAUR**
 Tributary of : 32E01 ERRIFF
 OS Grid Ref of Confluence: L 948 713
 Date(s) Surveyed: 13/9/2006

32/G/02
 OS Catchment No: 131

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	1999	2002	2006
0200	5	4-5	5	4-5	4-5	4-5

Assessment: High quality was recorded in the Glenlaur in September 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	400 m d/s Sheefry Bridge	92072	269298	38	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	90	6	100	0	0	0	94	0	3	0	3

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENUMMERA** **32/G/05**
 Tributary of : 32B01 BUNDORRAGHA OS Catchment No: 130
 OS Grid Ref of Confluence: L 845 650
 Date(s) Surveyed: 14/9/2006

Previously reported as part of the Bundorragha (32B01)

Station Nos.	2002	Biological Quality Ratings (Q Values)	2006
0010	5		5
0070	4-5		4-5

Assessment: This Doo Lough Tributary was of high status at both sites sampled.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0010	N of Glendavock (w of 88m bmark)	88486	268260	0	
0070	1km u/s Doo Lough	85340	267585	0	

River and Code : **MOYOUR**
 Tributary of : Sea - Clew Bay
 OS Grid Ref of Confluence: L 943 876
 Date(s) Surveyed: 12/9/2006

32/M/01
 OS Catchment No: 124

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	1999	2002	2006
0100	4	3*	3	3	3-4	3
0400	3-4	4	3	3	4	3
0700	4	4-5	4	4	4	3-4

Assessment: Unsatisfactory at all sites sampled in September 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br SW of Slinaun	102985	288802	31	MO
0400	Br S of Lugnafahy	101317	288984	31	MO
0700	Moyour Bridge	96641	287896	31	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	21	4	36	64	4	0	40	0	42	0	14
0400	16	30	35	65	9	0	7	1	46	2	36
0700	5	43	25	75	12	0	5	0	36	2	44

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENDUFF (ERRIFF)**

32/O/08

Tributary of : 32E01 ERRIFF

OS Catchment No: 131

OS Grid Ref of Confluence: L 951 678

Date(s) Surveyed: 14/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	1999	2002	2006
0100	4-5	4	4	4	4-5	4-5

Assessment: High quality.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bridge d/s Tawnyard Lough	92782	267499	38	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	65	12	100	0	0	15	35	0	6	6	38

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENGARVE (MAYO)**

32/O/02

Tributary of : Sea - Clew Bay

OS Catchment No: i5

OS Grid Ref of Confluence: L 882 961

Date(s) Surveyed: 7/11/2006

Station Nos.	Biological Quality Ratings (Q Values)							
	1982	1990	1994	1997	1999	2002	2005	2006
0100	5	4-5	3	4	4	3-4	3-4	3
0200	4-5	4-5	4	4	3-4	4	3-4	4

Assessment: Moderate pollution was recorded in the upper Owengarve (0100) and a recovery was noted in the lower section (0200). Deterioration was noted at the upper station (0100) in comparison with 2005 and 2002 and a recovery since 2005 at the lower site (0200). Sheep and forestry are the main activities in the catchment with severe erosion of peat noticeable in the upper section.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br NNE Carheenbrack Lough	91166	297901	30	MO
0200	Rosgalliv Br.	88653	296317	30	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	48	12	90	10	0	16	73	0	0	0	10
0200	7	29	67	32	0	7	82	0	2	0	9

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENGLIN**
 Tributary of : Sea - Clifden Bay
 OS Grid Ref of Confluence: L 658 506
 Date(s) Surveyed: 18/12/2006

32/O/03

OS Catchment No: 135

Station Nos.	Biological Quality Ratings (Q Values)						
	1986	1990	1994	1997	1999	2002	2006
0100	-	5	5	4	4	4-5	4-5
0300	4	4	5	4	4	4	4

Assessment: Satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	N. of Barnanoraun	74401	251236	37	GY
0300	Br at S.E. end of Clifden	66057	250392	37	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	92	15	91	9	0	6	72	0	0	0	22
0300	10	37	91	9	0	6	71	2	6	1	14

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENNABROCKAGH**

32/O/04

Tributary of : Sea - Newport Bay

OS Catchment No: 109

OS Grid Ref of Confluence: L 973 901

Date(s) Surveyed: 12/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	1999	2002	2006
0250	-	4	-	4	4-5	4
0380	-	4-5	4	4	4-5	4
0500	4-5	4	4	4	4	4

Assessment: Unpolluted though a slight decline in ecological quality was noted in the upper and middle sites in comparison with 2002.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0250	Br NE Derrintloura	106081	291958	31	MO
0380	Brockagh Bridge	101565	290723	31	MO
0500	Knocknaboley Bridge	98061	289842	31	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0250	58	8	100	0	0	5	51	0	31	0	12
0380	20	17	80	20	3	6	43	0	20	0	28
0500	2	20	69	31	6	5	37	0	19	0	32

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENNADORNAUN** **32/O/07**
 Tributary of : Sea - South of Clew Bay OS Catchment No: 129
 OS Grid Ref of Confluence: L 740 713
 Date(s) Surveyed: 8/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	1999	2002	2006
0100	4	4	4	3-4	4	3

Assessment: A reduced diversity and lack of sensitive species was noted in this river located just north of Killary Harbour. The upper section of the catchment has extensive forestry plantations.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bridge S. of Killary Lodge	75945	270245	37	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	39	8	100	0	0	17	65	0	10	0	7

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENWEE (MAYO)**

32/O/06

Tributary of : Sea - Westport Bay

OS Catchment No: 126

OS Grid Ref of Confluence: L 958 824

Date(s) Surveyed: 5/9/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1982	1990	1994	1997	1999	2003	2006
0200	4-5	4-5	4	4-5	4	3/0	4
0600	4-5	4-5	4	4-5	4-5	3-4	4

Assessment: A definite improvement in quality was noted in comparison with 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Bridge S. of Brackloon	97275	279172	38	MO
0600	Belclare Bridge	95958	282153	31	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	80	19	100	0	2	7	67	0	9	2	12
0600	10	46	100	0	4	9	51	0	24	2	10

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **SKERDAGH** **32/S/01**
 Tributary of : 32N01 NEWPORT (MAYO) OS Catchment No: 108
 OS Grid Ref of Confluence: M 034 965
 Date(s) Surveyed: 7/11/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1990	1994	1997	1999	2001	2005	2006
0300	5	4	4-5	4-5	4-5	4	4-5

Assessment: Satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Knockmoyle Bridge	102692	297588	31	MO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	30	20	74	26	0	17	51	0	7	0	25

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **STREAMSTOWN (CLIFDEN)**

32/S/04

Tributary of : Sea - Streamstown Bay

OS Catchment No: u4

OS Grid Ref of Confluence: L 645 532

Date(s) Surveyed: 18/12/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	1999	2002	2006
0200	4	4	4-5	4	4-5	4-5

Assessment: High quality.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Bridge SW of Glenbrickeen	64642	253141	37	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	13	14	98	2	9	8	71	0	0	2	9

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **TRAHEEN** **32/T/01**
 Tributary of : Sea - Ballynakill Harbour OS Catchment No: 134
 OS Grid Ref of Confluence: L 687 571
 Date(s) Surveyed: 18/12/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1982	1986	1990	1994	1997	1999	2006
0100	4-5	5	5	4-5	4	4-5	4-5

Assessment: Continuing high quality in this Ballynakill Harbour tributary.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Traheen Bridge	68756	256850	37	GY

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	3	6	79	21	0	16	63	0	8	0	13

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

HYDROMETRIC AREA 35 (Sligo Bay & Drowse)	
BALLYMOTE STREAM	35B04
BALLYSDARE	35B05
BONET	35B06
BRACKARY	35B10
BRADOGHE	35B07
BUNCROWEY	35B09
BUNNANADDAN STREAM	35B08
CASHEL STREAM (BONET)	35C03
CLOONEEN (SLIGO)	35C01
DIFFREEN	35D01
DOONBEAKIN	35D09
DOONFLIN	35D10
DOONOWNEY	35D12
DOUGLAS (SLIGO)	35D02
DROWES	35D03
DRUMCLIFF	35D04
DRUMFIN	35D11
DUFF	35D05
DUNMORAN	35D16
DUNNEILL	35D06
EASKY	35E01
FINNED	35F01
GARAVOGUE	35G01
GLENANIFF	35G02
GOWLAN (SLIGO)	35G03
GRANGE (SLIGO)	35G04
GURTEEN STREAM	35G05
KILLANUMMERY	35K03
KILLORAN LOUGH STREAM	35K02
LISKEAGH	35L02
LUGDOON STREAM	35L01
NEWTOWN MANOR STREAM	35N01
OWENBEG (COOLANEY)	35O01
OWENMORE (MANORHAMILTON)	35O08
OWENMORE (SLIGO)	35O06
SHANVAUS	35S01
TULLINWILLIN STREAM	35T03
TULLYNASCREEN *	35T06
UNSHIN	35U01
WILLSBOROUGH STREAM	35W01

* TULLYNASCREEN Previously reported as part of the Killanummery (35K03)

River and Code : **BALLYMOTE STREAM****35/B/04**

Tributary of : 35O06 OWENMORE (SLIGO)

OS Catchment No: 116

OS Grid Ref of Confluence: G 657 132

Date(s) Surveyed: 31/8/2006

Station Nos.	Biological Quality Ratings (Q Values)									
	1979	1980	1984	1986	1990	1994	1997	2000	2003	2006
0040	-	-	-	-	2-3	4	3-4	3	4	3
0100	1	2	1	3-4	3	4	4	3	4	4

Assessment: The upper monitoring station on the Ballymote (0040) was once again moderately polluted in 2006 following an improvement in 2003. The lower site upstream of the confluence with the Owenmore was satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0040	Ballymote: Br S.E. of Church	166606	315530	25	SO
0100	Br NW Woodfield	166163	314621	25	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0040	65	11	0	100	95	0	0	0	5	0	0
0100	60	15	0	100	87	0	2	4	8	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BALLYSODARE**

35/B/05

Tributary of : Sea - Ballysodare Bay

OS Catchment No: 116

OS Grid Ref of Confluence: G 667 296

Date(s) Surveyed: 21/9/2006

Station Nos.	Biological Quality Ratings (Q Values)											
	1971	1973	1977	1979	1982	1986	1990	1994	1997	2000	2003	2006
0100	5	5	5	5	5	5	4	4-5	4	4-5	4-5	4-5

Assessment: Satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Ballysodare Bridge	166847	329027	25	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	12	640	14	86	54	6	12	0	17	3	8

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BONET**
 Tributary of : Lough Gill
 OS Grid Ref of Confluence: G 782 335
 Date(s) Surveyed: 25/8/2006

35/B/06
 OS Catchment No: 117

Station Nos.							Biological Quality Ratings (Q Values)				
	1971	1973	1977	1980	1984	1990	1994	1997	2000	2003	2006
0010	-	-	-	-	-	5	5	4-5	5	5	5
0050	-	-	-	4	4-5	4	4-5	4-5	4	4-5	4
0100	5	5	4-5	4-5	4-5	4-5	5	4-5	4-5	4-5	5
0200	5	5	4-5	4	4	5	4-5	4	4	4	4
0400	5	5	4-5	4-5	4	4-5	4-5	4	4-5	4	4
0500	5	5	5	5	3	4-5	4-5	4	4	4-5	4-5
0600	5	5	4-5	4	4	4	4	4	4-5	4	4

Assessment: All sites monitored on the Bonet in 2006 were of satisfactory quality.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0010	Bridge u/s Glenade Lough	182231	347144	16	LM
0050	Bridge 1.5 km d/s Glenade L	184026	344768	16	LM
0100	New Bridge	186973	341274	16	LM
0200	Bridge d/s Owenmore River	187132	338978	16	LM
0400	Bridge at Gortgarrigan	184846	333896	26	LM
0500	Bellanamore Bridge	181855	330229	26	LM
0600	1.8 km d/s Dromahaire Bridge	179801	331722	25	LM

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0010	94	5	0	100	0	0	91	0	2	0	8
0050	61	20	0	100	15	2	55	0	7	4	18
0100	45	47	5	95	18	2	56	0	11	2	11
0200	38	106	13	87	26	6	37	0	17	1	12
0400	30	165	18	82	25	6	36	0	20	1	12
0500	22	219	17	83	24	7	30	0	29	1	10
0600	9	265	14	86	22	8	26	0	34	1	10

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BRACKARY** **35/B/10**
 Tributary of : 35O08 OWENMORE (MANORHAMILTON) OS Catchment No: 117
 OS Grid Ref of Confluence: G 885 395
 Date(s) Surveyed: 1/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	4-5	4-5	4-5	4-5	4-5	4-5
0500	3-4	3-4	3	4	4	4

Assessment: Satisfactory, with no change in comparison with 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Bridge nr Curraghfore School	188890	341262	16	LM
0500	Bridge u/s Owenmore River	188379	339387	16	LM

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	108	5	64	36	27	0	18	0	41	0	14
0500	41	51	9	91	26	11	24	1	24	1	13

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BRADOGÉ**
 Tributary of : Sea - Donegal Bay
 OS Grid Ref of Confluence: G 818 588
 Date(s) Surveyed: 4/9/2006

35/B/07
 OS Catchment No: 122

Station Nos.	Biological Quality Ratings (Q Values)							
	1982	1986	1990	1994	1997	2000	2003	2006
0060	-	-	3	3-4	3-4	3	4	4
0150	-	-	-	-	-	-	-	4
0200	3-4	4	4	4	3-4	3-4	2-3	2-3

Assessment: The upper sites on the Bradoge were in satisfactory condition in September 2006. The lower site in Bundoran was again polluted with evidence of quite significant quantities of organic matter being discharge to the river.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0060	Bridge N. of Cornaglah	188430	357407	16	LM
0150	Bradoge Bridge .	183290	358679	16	LM
0200	U/s Bridge in Bundoran	181864	358807	16	DL

River and Code : **BUNCROWEY**
 Tributary of : 35E01 EASKY
 OS Grid Ref of Confluence: G 402 317
 Date(s) Surveyed: 21/8/2006

35/B/09
 OS Catchment No: 114

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	3	3	3	3	4	3-4
0500	5	-	5	4-5	-	3-4

Assessment: This upland river was slightly polluted at both sites examined in August 2006. Forestry problems have been noted in the upper catchment (0100) on previous occasions. The reason for the decline at the lower site surveyed (0500) in 2006 is not clear but a serious drop in quality has occurred with obvious signs of eutrophication noted.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br near Old Shooting Lodge	144088	327180	24	SO
0500	Br u/s confluence with Easky R.	140534	331031	24	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	190	6	100	0	0	0	78	0	0	0	22
0500	76	19	48	52	9	0	68	0	0	0	24

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BUNNANADDAN STREAM**

35/B/08

Tributary of : Cloonacleigha Lough

OS Catchment No: 116

OS Grid Ref of Confluence: G 607 145

Date(s) Surveyed: 31/8/2006

Station Nos.	Biological Quality Ratings (Q Values)								
	1979	1981	1986	1990	1994	1997	2000	2003	2006
0200	4-5	4	4	4	4	3-4	4	3	3

Assessment: Unsatisfactory: no change on 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Ford N.W. of Bunnanaddan	160045	312072	25	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	60	8	0	100	89	0	1	0	6	0	4

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CASHEL STREAM (BONET)**

35/C/03

Tributary of : 35B06 BONET

OS Catchment No: 117

OS Grid Ref of Confluence: G 822 304

Date(s) Surveyed: 1/9/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1990	1994	1997	2000	2003	2006	
0200	5	4-5	4-5	4-5	4-5	4-5	
0700	-	4-5	4-5	4-5	4	-	
1000	-	-	-	-	4	4	

Assessment: Both sites surveyed were unpolluted in early September 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Bridge W. of Corratimore	184966	327185	26	LM
0700	Br. SE of Glebe	185906	329569	26	LM
1000	Br u/s Camoge Br	182373	330227	26	LM

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	76	4	0	100	0	26	3	0	70	0	2
0700	61	12	0	100	9	14	2	0	74	0	1

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CLOONEEN (SLIGO)**
 Tributary of : 35O06 OWENMORE (SLIGO)
 OS Grid Ref of Confluence: G 652 136
 Date(s) Surveyed: 31/8/2006

35/C/01

OS Catchment No: 116

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0500	4	4	4	4	3-4	4
0600	5	3	4	3-4	4	4

Assessment: The upper Clooneen site (0500) improved in quality since 2003 and both sites are now unpolluted.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0500	Br SW Ardminnan (nr school)	163690	310048	25	SO
0600	Br SE Aughris	164862	313260	25	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0500	60	36	0	100	60	2	26	0	4	0	8
0600	57	48	0	100	64	1	22	0	6	0	6

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DIFFREEN**
 Tributary of : Glencar Lake
 OS Grid Ref of Confluence: G 763 431
 Date(s) Surveyed: 26/9/2006

35/D/01
 OS Catchment No: 119

Station Nos.	Biological Quality Ratings (Q Values)							
	1980	1986	1990	1994	1997	2000	2003	2006
0100	4	5	5	5	5	4-5	4	3

Assessment: A significant drop in water quality was noted in the Diffreen in late September 2006 when compared with all previous surveys of this Glencar lake tributary.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bridge u/s Glencar Lake	177621	342400	16	LM

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	42	18	0	100	8	0	24	0	46	0	23

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DOONBEAKIN**
 Tributary of : 35D06 DUNNEILL
 OS Grid Ref of Confluence: G 438 342
 Date(s) Surveyed: 22/8/2006

35/D/09

OS Catchment No: 115

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	5	4	4-5	4-5	4	4
0400	4	-	4	4-5	4	4

Assessment: Satisfactory - no change or improvement on the 2003 results.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Bridge S. of Doonbeakin	145053	330768	24	SO
0400	Ford u/s Dunneill River	143811	334000	24	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	105	2	39	61	45	0	38	0	0	0	18
0400	23	8	9	91	74	0	19	0	0	0	7

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DOONFLIN****35/D/10**

Tributary of : Sea - S. of Aughris Head

OS Catchment No: u5

OS Grid Ref of Confluence: G 506 360

Date(s) Surveyed: 22/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0400	4-5	4	4-5	4-5	4-5	4
0600	2-3	4	4	4	4	4

Assessment: Both sites on the Doonflin were rated Q4 in August 2006. This represents a decline in quality at the upper site (0400) in comparison with 2003 albeit both still in satisfactory condition.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Bridge near Doonflin Lower	150785	332460	25	SO
0600	S.E. of Aughris	150511	335842	25	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	56	6	66	34	54	0	40	0	6	0	0
0600	7	11	35	65	69	0	21	0	10	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DOONOWNEY**
 Tributary of : Sea - at Drumcliff
 OS Grid Ref of Confluence: G 627 440
 Date(s) Surveyed: 25/9/2006

35/D/12
 OS Catchment No: x5

Station Nos.	Biological Quality Ratings (Q Values)				
	1990	1997	2000	2003	2006
0800	3-4	3-4	4	3-4	3-4

Assessment: The site on the Doonowney at Lissadell House was slightly polluted when surveyed in September 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0800	Bridge u/s Drumcliff Bay	162511	344115	16	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0800	6	6	0	100	53	20	0	0	28	0	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DOUGLAS (SLIGO)**

35/D/02

Tributary of : 35U01 UNSHIN

OS Catchment No: 116

OS Grid Ref of Confluence: G 732 208

Date(s) Surveyed: 11/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
1400	3-4	4-5	4-5	4-5	4	3-4

Assessment: Unsatisfactory: a further decline in quality was noted in the Douglas River at Riverstown since 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
1400	Riverstown: North Bridge	174313	320493	25	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
1400	47	31	0	100	17	11	8	0	63	0	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DROWES**
 Tributary of : Sea - Donegal Bay
 OS Grid Ref of Confluence: G 792 583
 Date(s) Surveyed: 4/9/2006

35/D/03

OS Catchment No: 121

Station Nos.	Biological Quality Ratings (Q Values)								
	1973	1982	1986	1990	1994	1997	2000	2003	2006
0100	-	4	4-5	4	4	3-4	4-5	4	4
0200	5	5	4-5	4	4	4	4	4	4

Assessment: Both sites surveyed on the Drowes were satisfactory in early September 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Lennox's Bridge	181843	357276	16	LM
0200	Bundrowes Bridge	179241	358300	16	LM

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	7	106	0	100	14	3	32	0	19	17	16
0200	3	117	0	100	16	2	29	0	20	15	16

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DRUMCLIFF**
 Tributary of : Sea - Drumcliff Bay
 OS Grid Ref of Confluence: G 674 423
 Date(s) Surveyed: 21/9/2006

35/D/04

OS Catchment No: 119

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0250	5	4-5	4	4-5	3-4	3
0400	4	4	4	4-5	4	4

Assessment: No pollution sensitive invertebrates were recorded at Station 0250 midway between Glencar lake and Drumcliff village - this is a further decline since 2003. The lower site (0400) was satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0250	Collinsford Bridge	171062	342018	16	SO
0400	Ford 500 m u/s Drumcliff Br	167912	342188	16	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0250	13	50	0	100	16	2	37	0	25	2	18
0400	8	61	0	100	26	1	32	0	23	2	16

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DRUMFIN**
 Tributary of : 35U01 UNSHIN
 OS Grid Ref of Confluence: G 714 208
 Date(s) Surveyed: 11/8/2006

35/D/11
 OS Catchment No: 116

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0500	4	4	4	4-5	4	3-4
0800	4	4	4	4	4	4

Assessment: The upper site on this River Unshin tributary was slightly polluted in August 2006. The principal pressures in the catchment upstream appear to be agricultural in nature with a small amount of forestry. Quality was satisfactory at the lower site (0800) upstream of the confluence with the Unshin.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0500	Bridge N. of Kingsbrook	171776	317829	25	SO
0800	Closkeybeg Bridge	171426	320488	25	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0500	52	20	0	100	65	0	19	0	9	0	7
0800	45	23	0	100	67	2	17	0	7	0	6

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DUFF**
 Tributary of : Sea - Donegal Bay
 OS Grid Ref of Confluence: G 752 578
 Date(s) Surveyed: 4/9/2006

35/D/05

OS Catchment No: 120

Station Nos.	Biological Quality Ratings (Q Values)							
	1982	1986	1990	1994	1997	2000	2003	2006
0020	-	-	-	-	-	5	5	4-5
0250	-	-	-	-	-	4-5	4	4-5
0400	5	4-5	5	5	4-5	4-5	4	4

Assessment: Satisfactory overall. The Duff was in excellent condition in its upper reaches (0020, 0250) in particular.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0020	Br E of Cloontyprughlish	179056	348081	16	LM
0250	Brocky Bridge	175221	353206	16	LM
0400	Bunduff Bridge	175463	356848	16	LM

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0020	102	4	0	100	0	8	62	0	0	0	29
0250	33	48	0	100	16	1	40	0	19	0	25
0400	20	85	0	100	17	4	43	0	15	0	20

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DUNMORAN**
 Tributary of : Sea - Sligo Bay
 OS Grid Ref of Confluence: G 522 355
 Date(s) Surveyed: 24/8/2006

35/D/16
 OS Catchment No: u5

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
1000	4	4-5	4	4-5	4-5	4-5
1400	4-5	4	4-5	4-5	4	4

Assessment: Satisfactory condition at both sites sampled.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
1000	Br WNW Longford Demesne	155096	330598	25	SO
1400	Ardnaglass Bridge	153100	334286	25	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
1000	30	7	63	37	20	0	54	0	13	0	14
1400	10	29	34	66	45	7	28	0	17	0	4

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DUNNEILL**
 Tributary of : Sea - Sligo Bay
 OS Grid Ref of Confluence: G 440 352
 Date(s) Surveyed: 22/8/2006

35/D/06
 OS Catchment No: 115

Station Nos.	Biological Quality Ratings (Q Values)							
	1981	1986	1990	1994	1997	2000	2003	2006
0050	-	-	-	5	5	4-5	4-5	4-5
0100	5	5	5	5	4-5	5	5	4-5
0200	4-5	4-5	5	4-5	4	5	4-5	4

Assessment: A drop in status from high to good was noted at the lowermost site (0200) in August 2006. High status was retained at the two upper sites (0050, 0100).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Br E Water Treatment Works	144492	329228	24	SO
0100	Br NE Dunneill	143741	332461	24	SO
0200	Donaghintraîne Bridge	143850	334381	24	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	133	10	89	11	6	0	83	0	0	0	12
0100	68	12	73	27	14	0	71	0	5	0	10
0200	16	24	40	60	46	0	43	0	4	0	7

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **EASKY**
 Tributary of : Sea - W. of Sligo Bay
 OS Grid Ref of Confluence: G 379 386
 Date(s) Surveyed: 21/8/2006

35/E/01

OS Catchment No: 114

Station Nos.	Biological Quality Ratings (Q Values)							
	1981	1986	1990	1994	1997	2000	2003	2006
0010	-	4-5	4	4	4-5	4-5	3-4	4
0020	-	5	5	5	4-5	4-5	4	4
0100	5	5	4-5	5	4-5	4-5	4	4-5
0200	4-5	5	-	4-5	4-5	4-5	4-5	4-5

Assessment: Overall satisfactory in August 2006. The upper Easky (0100) had improved in comparison with 2003 just downstream of Lough Easky.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0010	Trasgarve d/s Lough Easky	144514	325070	24	SO
0020	Bridge u/s Gowlan River	139322	326605	24	SO
0100	Bridge at Camecuill	139976	333226	24	SO
0200	Easky Bridge	137557	337782	24	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0010	172	12	100	0	0	0	87	0	0	10	3
0020	93	34	81	19	1	0	75	0	0	3	20
0100	50	89	51	49	7	1	72	0	1	1	17
0200	10	99	46	54	13	2	66	0	2	1	16

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **FINNED**
 Tributary of : Sea - W. of Sligo Bay
 OS Grid Ref of Confluence: G 350 386
 Date(s) Surveyed: 21/8/2006, 24/8/2006

35/F/01
 OS Catchment No: 113

Station Nos.	Biological Quality Ratings (Q Values)							
	1982	1986	1990	1994	1997	2000	2003	2006
0100	5	5	5	4-5	4-5	4-5	4-5	4-5
0200	4-5	4-5	-	4	4-5	3	4	4
0300	4-5	4-5	4	4	4	4	4	4

Assessment: The Finned River was in satisfactory condition over its length with no change apparent since 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bridge E.N.E. of Rathmacurkey	136984	330873	24	SO
0200	Bridge S. of Ballycummin	137035	333995	24	SO
0300	Finned Bridge	134962	337941	24	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	72	7	0	100	14	0	86	0	0	0	0
0200	45	12	0	100	30	1	66	0	3	0	0
0300	17	16	0	100	43	1	48	0	7	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GARAVOGUE**
 Tributary of : Sea - Sligo Bay
 OS Grid Ref of Confluence: G 692 362
 Date(s) Surveyed: 26/9/2006

35/G/01
 OS Catchment No: 117

Station Nos.	Biological Quality Ratings (Q Values)										
	1971	1973	1977	1980	1986	1990	1994	1997	2000	2003	2006
0200	5	4	4	4	4	4	4	4	4	4-5	4-5

Assessment: The improvement in quality noted for the Garavogue in 2003 was maintained in 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Sligo: The Mall	169442	335968	16	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	8	369	19	80	24	8	24	1	27	5	12

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENANIFF**
 Tributary of : Lough Melvin
 OS Grid Ref of Confluence: G 922 500
 Date(s) Surveyed: 4/9/2006

35/G/02

OS Catchment No: 121

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	5	4-5	4-5	4-5	4-5	4-5

Assessment: This Lough Melvin tributary was in satisfactory condition when surveyed in September 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Bridge u/s Lough Melvin	192043	349681	17	LM

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	25	27	0	100	19	1	72	0	3	0	5

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GOWLAN (SLIGO)**

35/G/03

Tributary of : 35E01 EASKY

OS Catchment No: 114

OS Grid Ref of Confluence: G 390 272

Date(s) Surveyed: 21/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	4-5	4-5	4-5	5	4-5	4

Assessment: Satisfactory, albeit with a notable decline in quality in comparison with the 2003 survey.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Ford u/s Easky River confl	138828	326554	24	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	101	18	46	54	1	4	90	0	0	0	4

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GRANGE (SLIGO)**
 Tributary of : Sea - S. of Connor's Island
 OS Grid Ref of Confluence: G 648 495
 Date(s) Surveyed: 25/9/2006

35/G/04

OS Catchment No: x5

Station Nos.	Biological Quality Ratings (Q Values)								
	1980	1982	1986	1990	1994	1997	2000	2003	2006
0080	-	-	-	5	4-5	5	5	4-5	4-5
0200	3-4	4	4	4	4	4-5	4	4	4

Assessment: Both sites examined on the Grange (Sligo) were in satisfactory condition in September 2006 with no significant change since 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0080	Lukes Bridge	169769	347329	16	SO
0200	Ford N Cloontyprocklis	165069	349516	16	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0080	172	3	0	100	0	0	65	0	0	0	35
0200	8	33	0	100	31	3	35	1	15	0	16

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GURTEEN STREAM** **35/G/05**
 Tributary of : 35O06 OWENMORE (SLIGO) OS Catchment No: 116
 OS Grid Ref of Confluence: G 677 055
 Date(s) Surveyed: 31/8/2006

Station Nos.	Biological Quality Ratings (Q Values)										
	1979	1980	1982	1984	1986	1990	1994	1997	2000	2003	2006
0200	3	3	3	2-3	2-3	2	2-3	3-4	3	2-3	3

Assessment: Moderate pollution was again noted in this Owenmore (q.v.) tributary in August 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Bridge N.E. of Gurteen	166628	305329	32	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	67	2	0	100	75	0	0	7	18	0	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **KILLANUMMERY****35/K/03**

Tributary of : 35B06 BONET

OS Catchment No: 117

OS Grid Ref of Confluence: G 806 303

Date(s) Surveyed: 26/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0400	-	4	3-4	4	3-4	4
0600	4-5	4-5	4	4-5	4	4
0900	4-5	4-5	4-5	4-5	4	4-5

Assessment: An improvement in quality was recorded in the upper Killanummery (0400) in September 2006. All sites now satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Bridge N of Garvagh Glebe	183760	325154	26	LM
0600	Bridge S.S.W. of Killanummery	180169	328218	26	LM
0900	Bridge u/s Bonet River confl	180598	330247	26	LM

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	161	4	0	100	0	33	7	0	13	0	47
0600	36	25	0	100	4	16	17	0	44	0	20
0900	20	44	0	100	12	9	10	0	57	0	11

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **KILLORAN LOUGH STREAM****35/K/02**

Tributary of : 35O06 OWENMORE (SLIGO)

OS Catchment No: 116

OS Grid Ref of Confluence: G 636 225

Date(s) Surveyed: 24/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0500	-	-	-	4	4	4
1000	4	4-5	4	4	3-4	4

Assessment: Satisfactory condition overall.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0500	Br N Rathgran	160670	322652	25	SO
1000	Bridge u/s Owenmore River	163620	322589	25	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0500	80	2	0	100	99	0	0	0	1	0	0
1000	51	10	0	100	76	4	0	0	15	0	4

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **LISKEAGH** **35/L/02**
 Tributary of : 35O06 OWENMORE (SLIGO) OS Catchment No: 116
 OS Grid Ref of Confluence: G 677 073
 Date(s) Surveyed: 31/8/2006

Station Nos.	Biological Quality Ratings (Q Values)				
	1994	1997	2000	2003	2006
1100	3	4-5	4-5	4-5	4-5

Assessment: Excellent quality once again in the Liskeagh.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
1100	Br at Clooneagh	169260	305819	32	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
1100	69	10	48	52	4	24	1	0	64	0	7

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **LUGDOON STREAM** **35/L/01**
 Tributary of : Sea - Sligo Bay OS Catchment No: u5
 OS Grid Ref of Confluence: G 462 341
 Date(s) Surveyed: 22/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0400	4-5	4	4-5	4-5	4	3

Assessment: The Lugdoon Stream was impacted by agricultural discharges. Cattle access to the river is causing at least part of the problem with significant dung deposits evident on the stream bed.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Bridge E. of Fort Villa	146191	334004	24	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	10	11	48	52	56	0	37	0	6	0	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **NEWTOWN MANOR STREAM** **35/N/01**
 Tributary of : Lough Gill OS Catchment No: 117
 OS Grid Ref of Confluence: G 785 353
 Date(s) Surveyed: 26/9/2006

Station Nos.	Biological Quality Ratings (Q Values)		
	2000	2003	2006
0500	4	dry	dry

Assessment: The Newtown Manor Stream is a karst limestone stream and was again dry in September 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0500	Br u/s L. Gill	178634	335229	16	LM

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0500	17	8	0	100	34	0	11	0	22	0	33

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENBEG (COOLANEY)**

35/O/01

Tributary of : 35O06 OWENMORE (SLIGO)

OS Catchment No: 116

OS Grid Ref of Confluence: G 656 251

Date(s) Surveyed: 24/8/2006

Station Nos.	Biological Quality Ratings (Q Values)							
	1981	1986	1990	1994	1997	2000	2003	2006
0030	-	-	4	4-5	4	4-5	4-5	4
0070	-	-	-	5	4-5	5	4-5	4
0200	4	5	4	4	4	4	4	4
0400	-	-	-	4-5	4-5	4-5	4-5	4

Assessment: The Owenbeg (Coolaney) was satisfactory overall but appears to have suffered a significant drop in overall status in comparison with 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0030	NE of Carha at Carrownabanny	154367	324372	25	SO
0070	Br N Knockadoo	157005	323189	25	SO
0200	Coolaney Bridge	160722	325231	25	SO
0400	Bridge u/s Owenmore River	165291	325549	25	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0030	117	24	100	0	0	36	57	0	0	0	7
0070	84	41	85	15	5	28	48	0	7	0	11
0200	58	70	64	36	29	23	31	0	10	0	8
0400	43	87	63	37	35	20	26	0	9	0	10

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENMORE (MANORHAMILTON)**

35/O/08

Tributary of : 35B06 BONET

OS Catchment No: 117

OS Grid Ref of Confluence: G 873 393

Date(s) Surveyed: 1/9/2006

Station Nos.	Biological Quality Ratings (Q Values)									
	1971	1973	1977	1980	1986	1990	1994	2000	2003	2006
0220	-	-	-	-	-	-	4	4-5	4	4-5
0400	5	4-5	4	4	4-5	4-5	3-4	4	4	4

Assessment: Satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0220	Bellanaginnny Bridge	192223	339456	16	LM
0400	Windy Bridge	187751	339227	16	LM

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0220	85	26	0	100	21	12	34	0	21	1	11
0400	39	52	10	90	27	11	23	1	24	1	13

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENMORE (SLIGO)**

35/O/06

Tributary of : 35B05 BALLYODARE

OS Catchment No: 116

OS Grid Ref of Confluence: G 687 270

Date(s) Surveyed: 9/8/2006, 11/8/2006, 21/9/2006

Station Nos.	Biological Quality Ratings (Q Values)											
	1971	1973	1977	1979	1980	1984	1990	1994	1997	2000	2003	2006
0020	-	-	-	-	-	-	-	-	-	4-5	4	4
0050	-	-	-	-	4	4-5	3-4	4-5	4-5	4	4-5	4-5
0100	-	-	-	-	5	4-5	4	4	4	4	4-5	4
0200	-	-	5	5	4	4	4	4	3-4	3-4	4	4
0250	-	-	-	-	-	-	3-4	4	3-4	3	4	3
0400	5	5	4-5	-	4	4	4-5	4-5	4	4	4	3-4
0500	-	-	-	-	4	4	4	4	4	4	4	3-4
0610	-	-	-	-	-	-	-	4-5	4	4-5	4-5	4
0700	-	-	-	-	5	4-5	5	-	-	4-5	4-5	4-5
0900	4-5	5	4-5	-	4	4	4	5	3-4	4	4-5	4

Assessment: The upper Owenmore stations (0020 - 0200) were satisfactory. A significant drop in quality was, however, noted downstream of Ballymote (0250, 0400, 0500) to Templehouse. Investigative monitoring of the impact of the Ballymote treatment works on the lower Ballymote Stream (q.v.) and the main Owenmore may be warranted. The lower reaches (0610, 0700, 0900) showed a recovery although quality was lower than that recorded in 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0020	Br at Kilstraghlán or Ragwood	165347	304431	32	SO
0050	Bridge S.W. of Moydough	167041	305699	32	SO
0100	Br 2 km E.S.E. of Kilshalvy	167756	307063	32	SO
0200	Br S.S.W. of Emlaghfad	166612	312348	25	SO
0250	1 km d/s Ballymote Stream	165400	313592	25	SO
0400	Carrowroagh Br (u/s Templehouse L)	162111	315460	25	SO
0500	Templehouse Br (d/s)	162524	318528	25	SO
0610	Br N Cloonacurra	164372	322707	25	SO
0700	1.2 km u/s Collooney Bridge	166797	325768	25	SO
0900	300 m u/s Unshin River confl	168469	326673	25	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0020	79	9	30	70	27	1	30	0	40	0	2
0050	65	46	25	75	37	6	16	1	36	0	4
0100	62	63	18	82	46	4	17	1	27	0	4
0200	58	106	12	88	44	3	14	0	33	0	6
0250	58	147	8	92	54	2	12	1	26	0	5
0400	57	205	6	94	58	2	14	0	20	0	5
0500	57	274	5	95	59	2	14	0	17	1	7
0610	49	312	4	96	61	2	13	0	17	1	6
0700	40	406	17	83	56	6	15	0	15	1	7
0900	25	411	17	83	56	6	15	0	15	1	7

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **SHANVAUS**
 Tributary of : 35B06 BONET
 OS Grid Ref of Confluence: M 865 378
 Date(s) Surveyed: 1/9/2006

35/S/01
 OS Catchment No: 117

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0400	4	4-5	4-5	4-5	4-5	4
1100	4	4-5	-	4	4-5	4

Assessment: Satisfactory although the Shanvaus appears to have dropped in quality since 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Second Br u/s Shanvaus Br	183696	340732	16	LM
1100	Bridge u/s Bonet River confl	186433	337773	16	LM

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	61	20	0	100	16	1	41	0	33	0	8
1100	36	34	14	86	24	1	38	0	28	0	9

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **TULLINWILLIN STREAM****35/T/03**

Tributary of : Belhavel Lough

OS Catchment No: 117

OS Grid Ref of Confluence: G 882 296

Date(s) Surveyed: 1/9/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	4-5	4-5	4	4-5	4-5	3-4

Assessment: Unsatisfactory. A major drop in quality occurred in this tributary of Belhavel Lough between 2003 and 2006. The extensive forestry plantations in the upper catchment appear to be the primary pressure in the catchment.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Bridge u/s Belhavel Lough	187861	329848	26	LM

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	68	4	0	100	14	32	31	0	1	0	21

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **TULLYNASCREEN** **35/T/06**
 Tributary of : 35K03 KILLANUMMERY OS Catchment No: 117
 OS Grid Ref of Confluence: G 809 269
 Date(s) Surveyed: 26/9/2006

Previously reported as part of the Killanummery (35K03)

Station Nos.	1990	2003	Biological Quality Ratings (Q Values)	2006
0200	5	4		4

Assessment: Satisfactory - no change.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br NE Sracummer	180906	325956	26	LM

River and Code : **UNSHIN**
 Tributary of : 35B05 BALLYSDARE
 OS Grid Ref of Confluence: G 687 270
 Date(s) Surveyed: 11/8/2006

35/U/01
 OS Catchment No: 116

Station Nos.	Biological Quality Ratings (Q Values)											
	1971	1973	1977	1980	1984	1990	1994	1997	2000	2001	2003	2006
0100	-	-	-	4-5	4-5	4-5	-	3-4	4	-	3-4	3-4
0200	-	-	-	5	4	4	4	4-5	4	4-5	-	4
0400	-	-	-	4	4-5	4	4	4-5	4	-	4	4
0500	-	5	4-5	5	4-5	4-5	4-5	4-5	4-5	-	4-5	4-5
0600	4-5	5	4	4	4	4	4	4-5	4-5	-	4-5	4-5

Assessment: The Unshin was in satisfactory condition over its length apart from the immediate site downstream of Lough Arrow (0100) where the influence of the lake is evident.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bellarush Bridge	176694	315793	25	SO
0200	Riverstown Bridge	173955	320174	25	SO
0400	Lisconny Bridge	169792	322912	25	SO
0500	Ballygrania Bridge	169500	325904	25	SO
0600	Bridge u/s Ballysodare River	168616	326911	25	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	58	66	8	92	36	5	6	0	17	21	15
0200	48	78	7	93	41	4	5	0	17	18	14
0400	30	168	3	97	48	4	7	0	24	8	9
0500	25	202	2	98	51	4	6	0	24	7	8
0600	21	221	6	94	51	5	6	0	22	7	8

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **WILLSBOROUGH STREAM****35/W/01**

Tributary of : Sea - Sligo Bay

OS Catchment No: 118

OS Grid Ref of Confluence: G 689 373

Date(s) Surveyed: 25/9/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1982	1990	1994	1997	2000	2003	2006
0060	-	4-5	-	4	4-5	4-5	4-5
0150	-	-	4	-	-	4-5	4-5
0300	5	4	3-4	3-4	4-5	3-4	4

Assessment: Overall satisfactory and an improvement on 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0060	Bridge S. of Glackbaun	174417	339454	16	SO
0150	Br ESE Shannon Oughter	171212	338308	0	SO
0300	Br on Sligo-Bundoran Road	169233	337360	16	SO

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0060	120	5	0	100	0	0	66	0	6	0	28
0300	8	17	0	100	45	3	23	1	11	0	18

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

HYDROMETRIC AREA 38 (Gweebarra – Sheephaven)	
ABBERACHRIN	38A01
AIGHE	38A03
ASPICK	38A02
BIG BURN	38B03
BRACKY	38B02
BUNLIN	38B04
BURNSIDE	38B05
CALABBER	38C01
CARROWNAMADDY	38C02
CLADY (DONEGAL)	38C04
CLOGHERNAGORE	38C07
CORVEEN	38C05
CRONANIV BURN	38C06
DEVLIN (DONEGAL)	38D01
DUNGLOE	38D02
DUNTALLY	38D03
DUVOGE	38D05
DUVOWEN (RAY)	38D04
FAYMORE	38F01
GLEN (LACKAGH)	38G04
GLEN (MEENACLADY)	38G05
GLENLEHEEN STREAM	38G07
GLENNA	38G01
GLENTORNAN	38G06
GWEEBARRA	38G02
GWEEDORE	38G03
KEEL LOUGH STREAM *	38K01
LOUGH AGHER STREAM	38L02
LOUGHKEEL BURN	38L03
MURLIN	38M03
OWENATOR	38O01
OWENAWILLIN	38O10
OWENCARROW	38O03
OWENCRONAHULLA	38O09
OWENEA	38O04
OWENNAMARVE	38O05
OWENTOCKER	38O06
OWENVEAGH	38O14
OWENWEE (DOOCHARRY)	38O07
OWENWEE (DUNLEWY)	38O12
OWENWEE (GLEN LOUGH)	38O13
OWENWEE (LOUGHROS)	38O08
PORT STREAM	38P01
RAY	38R01
SHALLOGAN	38S03
SRUHANNAMEEL	38S02
STRACASHEL	38S01
TULLAGHOBEGLY	38T01

* KEEL LOUGH STREAM Previously reported as part of the Gweedore 38G03

River and Code : **ABBERACHRIN**
 Tributary of : Sea - Loughros More Bay
 OS Grid Ref of Confluence: G 703 947
 Date(s) Surveyed: 2/8/2006

38/A/01
 OS Catchment No: 49

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	4	4	4	4	4	4

Assessment: This acid river was in satisfactory condition in August 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Kilclooney Bridge	171667	395510	10	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	10	9	100	0	1	0	86	0	5	7	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **AIGHE**
 Tributary of : 38B02 BRACKY
 OS Grid Ref of Confluence: G 726 877
 Date(s) Surveyed: 1/8/2006

38/A/03
 OS Catchment No: h6

Station Nos.	Biological Quality Ratings (Q Values)			
	1997	2000	2003	2006
0150	1/0	4	2/0	2-3/0

Assessment: Remaining quite unsatisfactory with indications of toxicity due to a local industrial discharge - a very limited number of species were found and sewage fungus was also noted.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0150	Br NNW of Cashel	172816	388322	10	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0150	33	6	100	0	17	0	82	0	0	0	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **ASPICK** **38/A/02**
 Tributary of : 38G01 GLENNA OS Catchment No: 21
 OS Grid Ref of Confluence: B 909 288
 Date(s) Surveyed: 16/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0300	5	4-5	4-5	4	4-5	3

Assessment: A serious drop in water quality was noted in comparison with 2003 and the river is now moderately polluted. Bank erosion was noted at the site surveyed (0300) apparently due to housing construction and site clearance adjacent to the river.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Bridge d/s Aspick Bridge	190044	425457	1	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	132	1	100	0	0	0	74	0	0	0	26

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BIG BURN**
 Tributary of : Sea - Mulroy Bay
 OS Grid Ref of Confluence: C 196 329
 Date(s) Surveyed: 14/8/2006

38/B/03
 OS Catchment No: 28

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0500	4-5	3-4	4-5	4	4	4

Assessment: Satisfactory: no change.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0500	Cranford Bridge	219272	432669	2	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0500	7	13	100	0	13	0	76	0	11	0	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BRACKY** **38/B/02**
 Tributary of : Sea - Loughros Beg Bay OS Catchment No: h6
 OS Grid Ref of Confluence: G 720 900
 Date(s) Surveyed: 1/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	5	5	3/0	3*	4	4

Assessment: The Bracky maintained satisfactory status in 2006. It was not as seriously impacted by the pollution problem occurring in the Aighe River (q.v.) as in some previous years.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bracky Bridge	172741	389529	10	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	16	16	100	0	17	2	59	0	0	0	23

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BUNLIN**
 Tributary of : Mulroy Bay
 OS Grid Ref of Confluence: C 181 278
 Date(s) Surveyed: 14/8/2006

38/B/04
 OS Catchment No: 29

Station Nos.	Biological Quality Ratings (Q Values)		
	2000	2003	2006
0100	4	4-5	3/0

Assessment: The Bunlin had suffered a major decline in macroinvertebrate diversity when surveyed in August 2006 dropping from Q4-5 to Q3/0 and only six taxa recorded. The fact that some of the invertebrates were dead or dying in the sample taken on the sample day indicated the likelihood of a toxic pollutant as it is very unusual to come across dead and dying invertebrates in significant numbers in a standard invertebrate sample. The most likely cause was nearby roadworks for pipe laying just at the sample site (0100) as there was an obvious oil leak from machinery used, although no oil was seen in the river itself. There is, however, also a possibility that sheep dip or other insecticide may have been responsible for the pollution problem.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br. S of Drumard (near tomb)	215955	425602	2	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	95	4	98	2	0	0	74	0	26	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **BURNSIDE** **38/B/05**
 Tributary of : Sea - Mulroy Bay OS Catchment No: u6
 OS Grid Ref of Confluence: C 210 328
 Date(s) Surveyed: 14/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0400	4	4	4	4	4	2-3

Assessment: The Burnside River was moderately polluted by sewage discharges when surveyed in August 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	150m d/s Carrowkeel Bridge	221316	432475	2	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	7	12	100	0	31	0	62	0	4	0	3

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CALABBER**
 Tributary of : 38O03 OWENCARROW
 OS Grid Ref of Confluence: C 048 242
 Date(s) Surveyed: 15/8/2006

38/C/01

OS Catchment No: 27

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	4-5	4	4-5	4-5	4-5	4-5
0300	-	4-5	4-5	4-5	4-5	4-5

Assessment: The Calabber was again in satisfactory condition at both sites surveyed in August 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Meennamolt Bridge	199865	423516	6	DL
0300	2 km d/s Calabber Bridge	203369	423980	6	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	142	4	100	0	0	0	72	0	0	0	28
0300	67	2	100	0	0	0	49	0	0	0	51

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CARROWNAMADDY** **38/C/02**
 Tributary of : Sea-Clonmass Bay (Sheep Haven) OS Catchment No: 2
 OS Grid Ref of Confluence: C 053 342
 Date(s) Surveyed: 15/8/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1973	1990	1994	1997	2000	2003	2006
0300	5	4-5	4	4-5	4-5	4-5	4

Assessment: A slight deterioration in quality was noted in comparison with 2003. A large quarry in the catchment is categorised as 'urban' landcover in the land use statistics for the catchment below. Extensive turf cutting is also evident in the catchment.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Ards	204327	433521	2	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	13	15	100	0	21	0	66	2	4	0	7

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CLADY (DONEGAL)**

38/C/04

Tributary of : Sea - Gweedore Bay

OS Catchment No: 23

OS Grid Ref of Confluence: B 804 234

Date(s) Surveyed: 19/12/2006

Station Nos.	Biological Quality Ratings (Q Values)									
	1973	1977	1980	1985	1990	1994	1997	2000	2003	2006
0150	-	-	4	4	4-5	4	4-5	4-5	4	4-5
0300	4-5	4-5	5	4-5	4-5	4	4	4	4	4

Assessment: The Clady is influenced by Lough Nacung and Dunlewy Lough which are impounded water bodies providing water and hydroelectricity. This reduces the flashiness of the river and allows for a greater diversity and abundance of macrophytes than would be expected in this part of Donegal. An improvement was noted at the upper site (0150) in comparison with 2003 and no change was noted at the lower site in Bunbeg (0300).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0150	Bryan's Bridge (Gweedore)	185255	422485	1	DL
0300	Bridge u/s Bunbeg	180893	423661	1	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0150	52	79	100	0	3	4	80	0	0	5	8
0300	19	88	100	0	5	3	80	0	0	4	7

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CLOGHERNAGORE**

38/C/07

Tributary of : Abroe

OS Catchment No: 48

OS Grid Ref of Confluence: B 903 066

Date(s) Surveyed: 3/8/2006

Station Nos.	Biological Quality Ratings (Q Values)			
	1990	2000	2003	2006
0100	4	4-5	4	4

Assessment: The Cloghernagore River exhibited no significant change since 2003 - again significant filamentous algal cover was noted in this low conductivity acid river.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br S of Cloghernagore	191423	406379	11	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	77	6	100	0	0	0	100	0	0	0	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CORVEEN** **38/C/05**
 Tributary of : 38O09 OWENCRONAHULLA OS Catchment No: 19
 OS Grid Ref of Confluence: B 828 273
 Date(s) Surveyed: 17/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	4-5	4	4	3-4	3-4	3-4

Assessment: The Corveen was slightly polluted in August 2006 with some slimes apparent clogging the sampling net in a manner similar to 'sewage fungus'. Faunal diversity was reduced with the more sensitive taxa missing.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br at Owencronahulla R confl	182610	427433	1	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	43	10	100	0	2	0	92	0	6	0	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **CRONANIV BURN**

38/C/06

Tributary of : Dunlewy Lough

OS Catchment No: 23

OS Grid Ref of Confluence: B 928 190

Date(s) Surveyed: 19/12/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	4-5	4	5	5	4-5	4-5

Assessment: Satisfactory with no change in comparison with 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bridge u/s Dunlewy Lough	193109	418649	1	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	70	7	100	0	0	0	91	0	0	0	9

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DEVLIN (DONEGAL)**

38/D/01

Tributary of : Dunlewy Lough

OS Catchment No: 23

OS Grid Ref of Confluence: B 927 188

Date(s) Surveyed: 19/12/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0080	4-5	4	5	5	5	5

Assessment: Remaining satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0080	0.5km u/s Br u/s Dunlewy L	192884	418619	1	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0080	78	11	100	0	0	0	88	0	0	0	12

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DUNGLOE**
 Tributary of : Sea - near Gweebarra Bay
 OS Grid Ref of Confluence: B 768 115
 Date(s) Surveyed: 3/8/2006

38/D/02

OS Catchment No: 16

Station Nos.	Biological Quality Ratings (Q Values)							
	1980	1985	1990	1994	1997	2000	2003	2006
0020	-	-	4	4	4-5	4-5	4	4
0150	5	5	4	4	4	4-5	4	4
0250	-	-	3	3	3	3	3	3

Assessment: A similar picture to that of 2003 was again noted in 2006. The upper sections (0020, 0150) surveyed were in satisfactory condition but the lower urban reach (0250) in Dungloe itself was impacted.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0020	Bridge u/s Lough Fad	179696	409026	1	DL
0150	Bridge u/s Dungloe Lough	178082	413043	1	DL
0250	West Bridge - Dungloe	176827	411506	1	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0020	29	13	100	0	0	0	94	0	0	2	4
0150	22	7	100	0	0	0	92	0	6	0	3
0250	4	40	100	0	0	0	86	1	5	5	3

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DUNTALLY**
 Tributary of : Sea - Sheep Haven
 OS Grid Ref of Confluence: C 084 314
 Date(s) Surveyed: 15/8/2006

38/D/03

OS Catchment No: 26

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	-	3	3	4-5	4-5	4
0500	4	4	4	4	4	4-5

Assessment: Satisfactory at both sites surveyed.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Old Bridge SE Grogagh	205670	428143	2	DL
0500	Bridge E. of Creeslough	206863	430284	2	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	53	1	100	0	0	0	100	0	0	0	0
0500	8	8	89	11	5	0	54	1	39	0	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DUVOGE** **38/D/05**
 Tributary of : Sheskinmore Lough OS Catchment No: 49
 OS Grid Ref of Confluence: G 703 961
 Date(s) Surveyed: 2/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0300	4	4-5	4	4	4	4

Assessment: The Duvoge River was again satisfactory when surveyed in August 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Br u/s Lough Sheskinmore	170772	396356	10	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	9	7	100	0	63	0	31	0	1	4	2

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **DUVOWEN (RAY)**

38/D/04

Tributary of : 38R01 RAY

OS Catchment No: 3

OS Grid Ref of Confluence: B 973 276

Date(s) Surveyed: 16/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	5	4	3	3	4	3-4

Assessment: Unsatisfactory with a decline in quality noted since 2003. The Duvowen appears to be still impacted by the old landfill at Muckish.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	500 m u/s Ray River confl	196622	428028	2	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	115	7	100	0	0	0	95	0	0	0	5

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **FAYMORE**
 Tributary of : Sea - Sheep Haven
 OS Grid Ref of Confluence: C 060 317
 Date(s) Surveyed: 15/8/2006

38/F/01

OS Catchment No: 25

Station Nos.	Biological Quality Ratings (Q Values)							
	1973	1986	1990	1994	1997	2000	2003	2006
0050	5	3-4	5	4-5	3	4*	4-5	3
0200	5	3-4	4	4	3-4	4	3	2-3

Assessment: A drop in quality was seen in the upper Faymore in comparison with the 2003 results. The cause of the problem is not immediately obvious - silt problems had previously been noted here (2000) - the upstream forestry plantation may be the source of the problem. Investigative monitoring is required. The lower site (0200) was still impacted by sewage discharges.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Bridge S of Creenasmear	203236	429226	2	DL
0200	Clon Bridge	205369	431672	2	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	68	5	100	0	0	0	48	0	4	0	48
0200	6	17	96	4	2	0	39	0	33	0	26

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLEN (LACKAGH)****38/G/04**

Tributary of : Glen Lough

OS Catchment No: 27

OS Grid Ref of Confluence: C 117 307

Date(s) Surveyed: 14/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0400	5	4-5	-	4-5	4-5	4
0900	5	4	4-5	4-5	-	4

Assessment: Satisfactory in August 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Br NW of Highglen	213706	429668	2	DL
0900	Br u/s Glen Lough	211832	431043	2	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	149	6	82	18	0	0	89	0	5	5	0
0900	29	11	90	10	8	0	80	0	7	3	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLEN (MEENACLADY)**

38/G/05

Tributary of : Sea - W. of Currans Point

OS Catchment No: n6

OS Grid Ref of Confluence: B 857 335

Date(s) Surveyed: 17/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	4	4-5	4	4-5	4	4

Assessment: Satisfactory: no change.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br SW Meenaclady	186051	432398	1	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	21	8	100	0	0	0	97	0	3	0	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENLEHEEN STREAM**

38/G/07

Tributary of : Abroe

OS Catchment No: 48

OS Grid Ref of Confluence: B 902 067

Date(s) Surveyed: 3/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0300	5	4-5	4-5	4-5	4	4

Assessment: No change in comparison with 2003.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Glenleheen Bridge	190293	403976	11	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	88	9	100	0	1	0	94	0	0	0	5

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENNA**
 Tributary of : Sea - Ballyness Bay
 OS Grid Ref of Confluence: B 911 303
 Date(s) Surveyed: 16/8/2006, 17/8/2006

38/G/01

OS Catchment No: 21

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	4	4	3-4	4	4-5	4
0200	4	4	4*	4	4-5	4-5

Assessment: The Glenna was satisfactory at both sites sampled in August 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bridge E. of Fawnboy Lower	191568	426896	1	DL
0200	Bedlam Bridge	191063	430012	1	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	42	11	100	0	17	0	74	0	9	0	0
0200	4	22	93	7	27	0	64	1	7	0	2

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GLENTORNAN**
 Tributary of : Lough Nacung Upper
 OS Grid Ref of Confluence: B 898 191
 Date(s) Surveyed: 19/12/2006

38/G/06

OS Catchment No: 23

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	5	5	5	4-5	4-5	4-5

Assessment: Remaining satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Just u/s Lough Nacung	189617	419165	1	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	73	6	100	0	0	4	91	0	0	4	1

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GWEEBARRA**
 Tributary of : Sea - Gweebarra Bay
 OS Grid Ref of Confluence: G 797 997
 Date(s) Surveyed: 3/8/2006

38/G/02

OS Catchment No: 48

Station Nos.	Biological Quality Ratings (Q Values)								
	1973	1980	1985	1990	1994	1997	2000	2003	2006
0100	-	5	5	5	4-5	5	5	4-5	4-5
0200	-	5	-	-	3	3-4	4-5	4	3-4
0300	5	5	5	4-5	4-5	5	4-5	5	4-5

Assessment: The upper Gweebarra (0100, upstream of L. Barra) was again in good condition. The mid-site (0200), however, had deteriorated with signs of eutrophication - filamentous algae. This site is adjacent to a large forestry plantation largely planted on blanket peat soils. The lower site (0300) upstream of Gweebarra Estuary recovers to satisfactory condition.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Pollglass Bridge	195017	414076	1	DL
0200	SE of L. Natangaduff	189731	407697	11	DL
0300	Bridge in Doocharry	186813	406457	11	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	172	6	100	0	0	0	69	0	0	0	31
0200	27	39	100	0	0	0	80	0	0	2	18
0300	0	94	100	0	2	1	82	0	1	1	13

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **GWEEDORE**
 Tributary of : Sea - Gweedore Bay
 OS Grid Ref of Confluence: B 827 212
 Date(s) Surveyed: 17/8/2006

38/G/03

OS Catchment No: 22

Station Nos.	Biological Quality Ratings (Q Values)									
	1973	1977	1980	1985	1990	1994	1997	2000	2003	2006
0100	4	4	4	4	4	4	5	4-5	4	4
0300	4	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4	3-4

Assessment: The upper site (0100) on the Gweedore was satisfactory in August 2006. The lower site (0300) was impacted by the waterworks that is polluting the Keel Lough Stream (q.v.).

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br E Meenderrynasloe	182980	419085	1	DL
0300	Br E Derrymansher	182686	420913	1	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	31	38	100	0	9	0	79	0	1	4	8
0300	4	50	100	0	8	0	82	0	1	3	6

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **KEEL LOUGH STREAM****38/K/01**

Tributary of : 38G03 GWEEDORE

OS Catchment No: 22

OS Grid Ref of Confluence:

Date(s) Surveyed: 17/8/2006

Previously reported as part of the Gweedore 38G03

Station Nos.	Biological Quality Ratings (Q Values)									
	1973	1977	1980	1985	1990	1994	1997	2000	2003	2006
0200	5	4	4	4	4	3-4	3	3	2/0	2-3

Assessment: Unsatisfactory. The impact of the Crolly water treatment filter works at Meenaweal is still evident in the Keel Lough Burn some 700 m downstream of the plant.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	1.1 km u/s confluence with Gweedore R.	183671	418644	1	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	66	7	100	0	0	0	100	0	0	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **LOUGH AGHER STREAM**

38/L/02

Tributary of : 38R01 RAY

OS Catchment No: 3

OS Grid Ref of Confluence: B 959 311

Date(s) Surveyed: 16/8/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1986	1990	1994	1997	2000	2003	2006
0200	4	5	4	4	4-5	4-5	4

Assessment: Satisfactory, although a drop in quality was noted compared with 2003 and 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Br 0.6km u/s Ray R confl	196067	430825	2	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	52	12	96	4	7	0	87	0	2	2	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **LOUGHKEEL BURN**

38/L/03

Tributary of : 38B04 BUNLIN

OS Catchment No: 30

OS Grid Ref of Confluence: C 183 279

Date(s) Surveyed: 14/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0400	4-5	4	4	3	4	4

Assessment: Satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0400	Bridge u/s Bunlin River confl	218393	427814	2	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	12	6	100	0	21	2	40	0	17	11	8

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **MURLIN**
 Tributary of : Sea - Glen Bay
 OS Grid Ref of Confluence: G 527 847
 Date(s) Surveyed: 1/8/2006

38/M/03

OS Catchment No: h6

Station Nos.	Biological Quality Ratings (Q Values)							
	1980	1986	1990	1994	1997	2000	2003	2006
0250	-	-	-	-	-	-	4	4
0300	5	4	4-5	-	-	-	2/0	2-3
0400	5	5	4-5	4-5	4-5	4-5	2/0	3

Assessment: An ongoing pollution problem was noted again in the Murlin in Glencolumkille at Gannew and Straid bridges (0300, 0400) in August 2006. A control sample 1 km upstream of Gannew Bridge showed that the river was unpolluted at that point. The pollution appears less toxic than previously noted in 2003 suggesting organic pollution is now the main problem.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0250	Ford 1km u/s Gannew Br	154640	384580	0	DL
0300	Gannew Bridge	153725	384750	0	DL
0400	Straid Bridge	153229	384816	10	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0400	7	15	97	3	12	0	75	0	10	0	3

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENATOR**
 Tributary of : Lough Anure
 OS Grid Ref of Confluence: B 823 168
 Date(s) Surveyed: 17/8/2006

38/O/01
 OS Catchment No: 22

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	4	4	4-5	4-5	4-5	4-5

Assessment: Satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Ford N. of Lough Agher	184263	415002	1	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	82	20	100	0	4	0	81	0	0	0	15

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENAWILLIN****38/O/10**

Tributary of : Sea - Ballyness Bay

OS Catchment No: 20

OS Grid Ref of Confluence: B 895 310

Date(s) Surveyed: 17/8/2006

Station Nos.	Biological Quality Ratings (Q Values)			
	1997	2000	2003	2006
0200	3-4	3-4	4	3-4

Assessment: The Owenawillin was unsatisfactory in August 2006. The catchment has a relatively large number (over 100) unsewered scattered dwellings on blanket peat with poor drainage. The riparian zone in the lower reaches of the river has pastures which may also be a source of nutrients and the upper part of the catchment has extensive peat harvesting from the blanket bog.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Binanea Bridge	189000	431012	1	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	28	5	100	0	4	0	74	0	22	0	0

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENCARROW**

38/O/03

Tributary of : Glen Lough

OS Catchment No: 27

OS Grid Ref of Confluence: C 087 278

Date(s) Surveyed: 15/8/2006

Station Nos.	Biological Quality Ratings (Q Values)							
	1973	1985	1990	1994	1997	2000	2003	2006
0150	-	4	4-5	4	4	4-5	4-5	4-5
0300	5	5	5	4	4-5	4-5	4-5	4-5

Assessment: The Owencarrow continued to be in a satisfactory condition in August 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0150	2nd Bridge d/s Lough Beagh	204314	423444	6	DL
0300	New Bridge	207803	427068	2	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0150	37	37	100	0	0	7	54	0	0	8	32
0300	28	93	100	0	1	8	64	0	0	4	22

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENCRONAHULLA**

38/O/09

Tributary of : Sea - N. of Gweedore Bay

OS Catchment No: 19

OS Grid Ref of Confluence: B 809 266

Date(s) Surveyed: 17/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0300	5	4-5	4-5	4-5	4-5	4

Assessment: A decline in quality was noted in the Owencronahulla, albeit still classified as satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Stramartin Bridge	181881	427328	1	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	28	18	100	0	7	0	86	0	3	0	3

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENEA**

38/O/04

Tributary of : Sea - Loughros More Bay

OS Catchment No: 50

OS Grid Ref of Confluence: G 734 919

Date(s) Surveyed: 2/8/2006

Station Nos.	Biological Quality Ratings (Q Values)										
	1971	1973	1977	1980	1984	1990	1994	1997	2000	2003	2006
0100	5	5	5	5	4-5	5	5	4-5	4-5	4	4
0300	5	5	5	5	5	4	4	5	4	4	3-4
0500	5	5	5	4	4	4	4	4-5	4	4	4

Assessment: The upper and lower sites were satisfactory in 2006. The middle section (0300) downstream of Glenties was, however, slightly polluted. This is likely to be due to the impact of the Stracashel (q.v.) which flows through Glenties town and is impacted by sewage discharges there.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bridge S. of Mullanmore	184774	393748	11	DL
0300	Footbr 2 km d/s Stracashel R	180635	393332	11	DL
0500	Owenea Bridge	173693	392030	10	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	50	35	99	1	11	0	69	0	3	3	14
0300	37	100	100	0	12	6	61	0	2	1	18
0500	3	126	100	0	13	9	60	0	2	1	14

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENNAMARVE**

38/O/05

Tributary of : Sea - Trawenagh Bay

OS Catchment No: 47

OS Grid Ref of Confluence: B 781 066

Date(s) Surveyed: 3/8/2006, 4/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	4	4	-	4-5	4	4
0300	4	4	4-5	4-5	4-5	4

Assessment: Satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Owennamarve Bridge	183552	408021	1	DL
0300	Derrydruck Bridge	178564	406572	10	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	49	15	100	0	0	0	92	0	0	6	3
0300	4	26	100	0	0	0	89	0	2	5	4

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENTOCKER**
 Tributary of : Sea - Loughros More Bay
 OS Grid Ref of Confluence: G 728 906
 Date(s) Surveyed: 2/8/2006

38/O/06

OS Catchment No: 56

Station Nos.	Biological Quality Ratings (Q Values)										
	1971	1973	1977	1980	1984	1990	1994	1997	2000	2003	2006
0010	-	-	-	-	-	-	4	4-5	4-5	4	4
0050	-	5	-	5	5	5	4	4-5	4-5	4	4
0100	-	-	5	5	5	-	4-5	-	4-5	4	4
0300	5	5	5	4	3-4	4	4	4	2-3	3	3-4

Assessment: The upper and middle sections (0010, 0050, 0100) of the Owentocker were satisfactory and similar to that recorded in 2003. The last station downstream of Ardara was slightly polluted due to sewage discharges.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0010	Ford E Tullybane	183410	389177	11	DL
0050	Bridge S. of Kilrean	179485	390738	10	DL
0100	Br NW Cashel	176335	390800	0	DL
0300	500 m d/s Bridge in Ardara	173089	390680	10	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0010	165	8	100	0	0	0	94	0	0	0	6
0050	70	31	100	0	4	4	85	0	2	0	4
0300	10	43	99	1	13	3	75	0	2	0	7

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENVEAGH**
 Tributary of : Lough Veagh
 OS Grid Ref of Confluence: C 004 190
 Date(s) Surveyed: 15/8/2006

38/O/14
 OS Catchment No: 27

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0080	5	5	5	5	5	5

Assessment: Continuing high quality.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0080	1.2km u/s Glenveagh Lough	199353	418299	6	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0080	50	11	100	0	0	8	69	0	0	0	23

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENWEE (DOOCHARRY)**

38/O/07

Tributary of : 38G02 GWEEBARRA

OS Catchment No: 48

OS Grid Ref of Confluence: B 870 069

Date(s) Surveyed: 3/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	5	4-5	-	4-5	5	4-5
0250	5	4-5	4-5	5	4-5	4-5

Assessment: While overall quality is satisfactory in the Owenwee there was still a dumped car sitting in the river at Station (0100) as reported in the 2003 survey report.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br 500 m N.E. of Dernafanogy Br	190696	410020	1	DL
0250	500 m u/s Gweebarra River	187425	407336	11	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	53	5	100	0	0	0	69	0	0	0	31
0250	5	21	100	0	4	0	79	0	0	0	16

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENWEE (DUNLEWY)**

38/O/12

Tributary of : 38C06 CRONANIV BURN

OS Catchment No: 23

OS Grid Ref of Confluence: B 930 187

Date(s) Surveyed: 19/12/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0200	5	4	5	4-5	4-5	4-5

Assessment: Satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0200	Bridge u/s Cronaniv Burn	193125	418757	1	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0200	71	8	100	0	0	0	83	0	0	0	17

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENWEE (GLEN LOUGH)**

38/O/13

Tributary of : Glen Lough

OS Catchment No: 27

OS Grid Ref of Confluence: C 099 284

Date(s) Surveyed: 14/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	5	5	4-5	4-5	5	4-5

Assessment: Satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bridge u/s Glen Lough	210361	428281	2	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	28	4	93	7	0	0	89	0	0	8	3

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **OWENWEE (LOUGHROS)**

38/O/08

Tributary of : Sea - Loughros Beg Bay

OS Catchment No: h6

OS Grid Ref of Confluence: G 664 905

Date(s) Surveyed: 1/8/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0050	4-5	4-5	4-5	4-5	4	4

Assessment: No change in comparison with 2003 - satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Bridge 1 km u/s Maghera	166107	390108	10	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	5	6	100	0	0	0	71	0	1	0	28

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **PORT STREAM**

38/P/01

Tributary of : Sea: N. of Sturrall

OS Catchment No: h6

OS Grid Ref of Confluence: G 547 890

Date(s) Surveyed: 1/8/2006

Station Nos.	Biological Quality Ratings (Q Values)				
	1994	1997	2000	2003	2006
0100	3-4	4-5	5	4-5	4

Assessment: Satisfactory but not as good quality as previous year's surveys.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Br S of Port	154967	388982	10	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	14	8	98	2	0	0	100	0	0	0	0

Alt is in metres Area is km2 and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **RAY****38/R/01**

Tributary of : Sea - S.W. of Dooros Point

OS Catchment No: 3

OS Grid Ref of Confluence: B 948 348

Date(s) Surveyed: 16/8/2006

Station Nos.	Biological Quality Ratings (Q Values)							
	1973	1985	1990	1994	1997	2000	2003	2006
0100	4-5	4-5	5	4	4	4	4	4
0200	5	5	5	4-5	4-5	4	4	3-4

Assessment: The upper Ray site (0100) remained in satisfactory condition in August 2006. The lower site (0200) was unsatisfactory, however, for the first time since these surveys began. The upstream catchment has approximately 280 unsewered dwellings with 260 of these downstream of Site 0100. These together with the pasture on blanket peat may comprise a significant pressure on the lower reaches of river.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Bridge u/s Fiddlers Bridge	195906	429693	1	DL
0200	Drumavoghy Bridge	195221	432634	1	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	85	16	97	3	0	0	93	0	3	0	4
0200	9	33	94	6	10	0	82	0	5	1	2

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **SHALLOGAN**
 Tributary of : 38S01 STRACASHEL
 OS Grid Ref of Confluence: G 838 965
 Date(s) Surveyed: 2/8/2006

38/S/03
 OS Catchment No: 50

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0300	4-5	4-5	4-5	4-5	4	4

Assessment: Continuing satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0300	Just u/s Stracashel River	183748	396566	11	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0300	76	14	100	0	4	2	70	0	4	0	20

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **SRUHANNAMEEL**

38/S/02

Tributary of : Lough Nacung Upper

OS Catchment No: 23

OS Grid Ref of Confluence: B 902 188

Date(s) Surveyed: 19/12/2006

Station Nos.	Biological Quality Ratings (Q Values)					
	1990	1994	1997	2000	2003	2006
0100	5	4	4	4-5	4-5	4-5

Assessment: Satisfactory.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0100	Just u/s Lough Nacung	190140	418846	1	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0100	70	3	100	0	0	0	86	0	0	0	14

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **STRACASHEL**
 Tributary of : 38O04 OWENEA
 OS Grid Ref of Confluence: G 813 937
 Date(s) Surveyed: 3/8/2006, 6/8/2006

38/S/01

OS Catchment No: 50

Station Nos.	Biological Quality Ratings (Q Values)								
	1973	1977	1981	1990	1994	1997	2000	2003	2006
0050	-	-	5	5	4-5	5	5	4-5	4
0200	4-5	3-4	4-5	3-4	4	4	4	3	3

Assessment: As in 2003 the upper Stracashel was unpolluted. The lower section downstream of Glenties (0200) is still impacted by municipal discharges.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0050	Bridge d/s Shallogan River	183825	396395	11	DL
0200	500 m d/s Bridge in Glenties	181655	394017	11	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0050	73	34	100	0	4	5	56	0	3	0	33
0200	46	42	100	0	6	4	59	0	3	0	27

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

River and Code : **TULLAGHOBEGLY****38/T/01**

Tributary of : Sea - Ballyness Bay

OS Catchment No: 24

OS Grid Ref of Confluence: B 923 320

Date(s) Surveyed: 16/8/2006

Station Nos.	Biological Quality Ratings (Q Values)						
	1986	1990	1994	1997	2000	2003	2006
0090	-	5	4-5	4-5	4-5	4	4
0100	5	2-3	2-3	2	2-3	1-2	2-3
0300	5	5	-	-	-	-	3
0400	5	5	4-5	4-5	4	4-5	3

Assessment: While the quality of the Tullaghobegly immediately downstream of the Altan fish farm had improved somewhat in comparison with 2003, the rest of the river was moderately polluted to Bellina Bridge in Falcarragh. An additional monitoring point at Big Bridge (0300) was sampled and also found to be impacted. When last surveyed in 1990 this site was of high quality and thus, a major deterioration in quality was apparent over the length of the river. Investigation suggested that a major catastrophic release of pollutants had occurred although it was not possible to pin down exactly when and where this occurred. An intensive investigation of the catchment as a whole was undertaken following the discovery of the problem in August 2006.

Station No.	Stations Location	National X	Grid Ref. Y	Discovery Series No.	County Code
0090	75m u/s Bridge 1.5km d/s Lough Altan.	193774	426110	1	DL
0100	Bridge 1.5 km d/s Lough Altan.	193618	426266	1	DL
0300	Big Bridge .	193295	430434	1	DL
0400	Bellina Bridge	192500	432072	1	DL

Site Altitude and Upstream Catchment Characteristics (where available):

Site No.	Alt	Area	Sil	Cal	Pasture	Forestry	Bogs	Urban	Misc Ag.	Water	Other
0090	128	17	96	4	0	1	62	0	2	8	27
0100	125	18	96	4	0	1	62	0	4	8	25
0400	13	30	86	14	13	1	53	1	11	5	16

Alt is in metres Area is km² and Sil, Cal are % siliceous and calcareous bedrock and Pasture, Forestry, etc., are % of catchment area.

AN GHNÍOMHAIREACHT UM CHAOMHNÚ COMHSHAOIL

Tá an Gníomhaireacht um Chaomhnú Comhshaoil (GCC) freagrach as an gcomhshaoil a chaomhnú agus a fheabhsú mar shócmhainn luachmhar do mhuintir na hÉireann. Táimid tiomanta do dhaoine agus don chomhshaoil a chosaint ó éifeachtaí díobhálacha na radaíochta agus an truaillithe.

Is féidir obair na Gníomhaireachta a roinnt ina trí phríomhréimse:

Rialú: Déanaimid córais éifeachtacha rialaithe agus comhlionta comhshaoil a chur i bhfeidhm chun torthaí maithe comhshaoil a sholáthar agus chun díriú orthu siúd nach gcloíonn leis na córais sin.

Eolas: Soláthraimid sonraí, faisnéis agus measúnú comhshaoil atá ar ardchaighdeán, spriocdhírthe agus tráthúil chun bonn eolais a chur faoin gcinnteoireacht ar gach leibhéal.

Tacaíocht: Bimid ag saothrú i gcomhar le grúpaí eile chun tacú le comhshaoil atá glan, táirgiúil agus cosanta go maith, agus le hiompar a chuirfidh le comhshaoil inbhuanaithe.

Ár bhFreagrachtaí

Ceadúnú

Déanaimid na gníomhaíochtaí seo a leanas a rialú ionas nach ndéanann siad dochar do shláinte an phobail ná don chomhshaoil:

- saoráidí dramhaíola (*m.sh. láithreáin líonta talún, loisceoirí, stáisiúin aistriúcháin dramhaíola*);
- gníomhaíochtaí tionsclaíocha ar scála mór (*m.sh. déantúsaíocht cógaisíochta, déantúsaíocht stroighne, stáisiúin chumhachta*);
- an diantalmhaíocht (*m.sh. muca, éanlaith*);
- úsáid shrianta agus scaoileadh rialaithe Orgánach Géinmhodhnaithe (*OGM*);
- foinsí radaíochta ianúcháin (*m.sh. trealamh x-gha agus radaiteiripe, foinsí tionsclaíocha*);
- áiseanna móra stórála peitрил;
- scardadh dramhuisce;
- gníomhaíochtaí dumpála ar farraige.

Forfheidhmiú Náisiúnta i leith Cúrsaí Comhshaoil

- Clár náisiúnta iniúchtaí agus cigireachtaí a dhéanamh gach bliain ar shaoráidí a bhfuil ceadúnas ón nGníomhaireacht acu.
- Maoirseacht a dhéanamh ar fhreagrachtaí cosanta comhshaoil na n-údarás áitiúil.
- Caighdeán an uisce óil, arna sholáthar ag soláthraithe uisce phoiblí, a mhaoirsiú.
- Obair le húdarás áitiúla agus le gníomhaireachtaí eile chun dul i ngleic le coireanna comhshaoil trí chomhordú a dhéanamh ar líonra forfheidhmiúcháin náisiúnta, trí dhírú ar chiontóirí, agus trí mhaoirsiú a dhéanamh ar leasúchán.
- Cur i bhfeidhm rialachán ar nós na Rialachán um Dhramhthrealamh Leictreach agus Leictreonach (DTLL), um Shrian ar Shubstaintí Guaiseacha agus na Rialachán um rialú ar shubstaintí a idíonn an ciseal ózóin.
- An dlí a chur orthu siúd a bhriseann dlí an chomhshaoil agus a dhéanann dochar don chomhshaoil.

Bainistíocht Uisce

- Monatóireacht agus tuairisciú a dhéanamh ar cháilíocht aibhneacha, lochanna, uisce idirchriosacha agus cósta na hÉireann, agus screamhuisc; leibhéal uisce agus sruthanna aibhneacha a thomhas.
- Comhordú náisiúnta agus maoirsiú a dhéanamh ar an gCreat-Treoir Uisce.
- Monatóireacht agus tuairisciú a dhéanamh ar Cháilíocht an Uisce Snámha.

Monatóireacht, Anailís agus Tuairisciú ar an gComhshaoil

- Monatóireacht a dhéanamh ar cháilíocht an aeir agus Treoir an AE maidir le hAer Glan don Eoraip (CAFÉ) a chur chun feidhme.
- Tuairisciú neamhspleách le cabhrú le cinnteoireacht an rialtais náisiúnta agus na n-údarás áitiúil (*m.sh. tuairisciú tréimhsiúil ar staid Chomhshaoil na hÉireann agus Tuarascálacha ar Tháscairí*).

Rialú Astaíochtaí na nGás Ceaptha Teasa in Éirinn

- Fardail agus réamh-mheastacháin na hÉireann maidir le gáis ceaptha teasa a ullmhú.
- An Treoir maidir le Trádáil Astaíochtaí a chur chun feidhme i gcomhair breis agus 100 de na táirgeoirí dé-ocsaíde carbóin is mó in Éirinn.

Taighde agus Forbairt Comhshaoil

- Taighde comhshaoil a chistiú chun brúnna a shainiú, bonn eolais a chur faoi bheartais, agus réitigh a sholáthar i réimsí na haeráide, an uisce agus na hinbhuanaitheachta.

Measúnacht Straitéiseach Timpeallachta

- Measúnacht a dhéanamh ar thionchar pleananna agus clár beartaithe ar an gcomhshaoil in Éirinn (*m.sh. mórfheananna forbartha*).

Cosaint Raideolaíoch

- Monatóireacht a dhéanamh ar leibhéal radaíochta, measúnacht a dhéanamh ar nochtadh mhuintir na hÉireann don radaíocht ianúcháin.
- Cabhrú le pleananna náisiúnta a fhorbairt le haghaidh éigeandálaí ag eascairt as tairmí núicléacha.
- Monatóireacht a dhéanamh ar fhorbairtí thar lear a bhaineann le saoráidí núicléacha agus leis an tsábháilteacht raideolaíochta.
- Sainseirbhísí cosanta ar an radaíocht a sholáthar, nó maoirsiú a dhéanamh ar sholáthar na seirbhísí sin.

Treoir, Faisnéis Inrochtana agus Oideachas

- Comhairle agus treoir a chur ar fáil d'earnáil na tionsclaíochta agus don phobal maidir le hábhair a bhaineann le caomhnú an chomhshaoil agus leis an gcosaint raideolaíoch.
- Faisnéis thráthúil ar an gcomhshaoil ar a bhfuil fáil éasca a chur ar fáil chun rannpháirtíocht an phobail a spreagadh sa chinnteoireacht i ndáil leis an gcomhshaoil (*m.sh. Timpeall an Tí, léarscáileanna radóin*).
- Comhairle a chur ar fáil don Rialtas maidir le hábhair a bhaineann leis an tsábháilteacht raideolaíoch agus le cúrsaí práinnfhreagartha.
- Plean Náisiúnta Bainistíochta Dramhaíola Guaisí a fhorbairt chun dramhaíl ghuaiseach a chosaint agus a bhainistiú.

Múscailt Feasachta agus Athrú Iompraíochta

- Feasacht chomhshaoil níos fearr a ghiniúint agus dul i bhfeidhm ar athrú iompraíochta dearfach trí thacú le gnóthais, le pobail agus le teaghlaigh a bheith níos éifeachtúla ar acmhainní.
- Tástáil le haghaidh radóin a chur chun cinn i dtithe agus in ionaid oibre, agus gníomhartha leasúcháin a spreagadh nuair is gá.

Bainistíocht agus struchtúr na Gníomhaireachta um Chaomhnú Comhshaoil

Tá an ghníomhaíocht á bainistiú ag Bord Iáinimseartha, ar a bhfuil Ard-Stiúrthóir agus cúigear Stiúrthóirí. Déantar an obair ar fud cúig cinn d'Oifigí:

- An Oifig um Inmharthanacht Comhshaoil
- An Oifig Forfheidhmithe i leith cúrsaí Comhshaoil
- An Oifig um Fianaise is Measúnú
- An Oifig um Cosaint Raideolaíoch
- An Oifig Cumarsáide agus Seirbhísí Corparáideacha

Tá Coiste Comhairleach ag an nGníomhaireacht le cabhrú léi. Tá dáréag comhaltáí air agus tagann siad le chéile go rialta le plé a dhéanamh ar ábhair inné agus le comhairle a chur ar an mBord.

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