**Local Management Areas**

# Reasons for status for the water bodies within the Quoile LMA

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An Agency within the Department of the Environment
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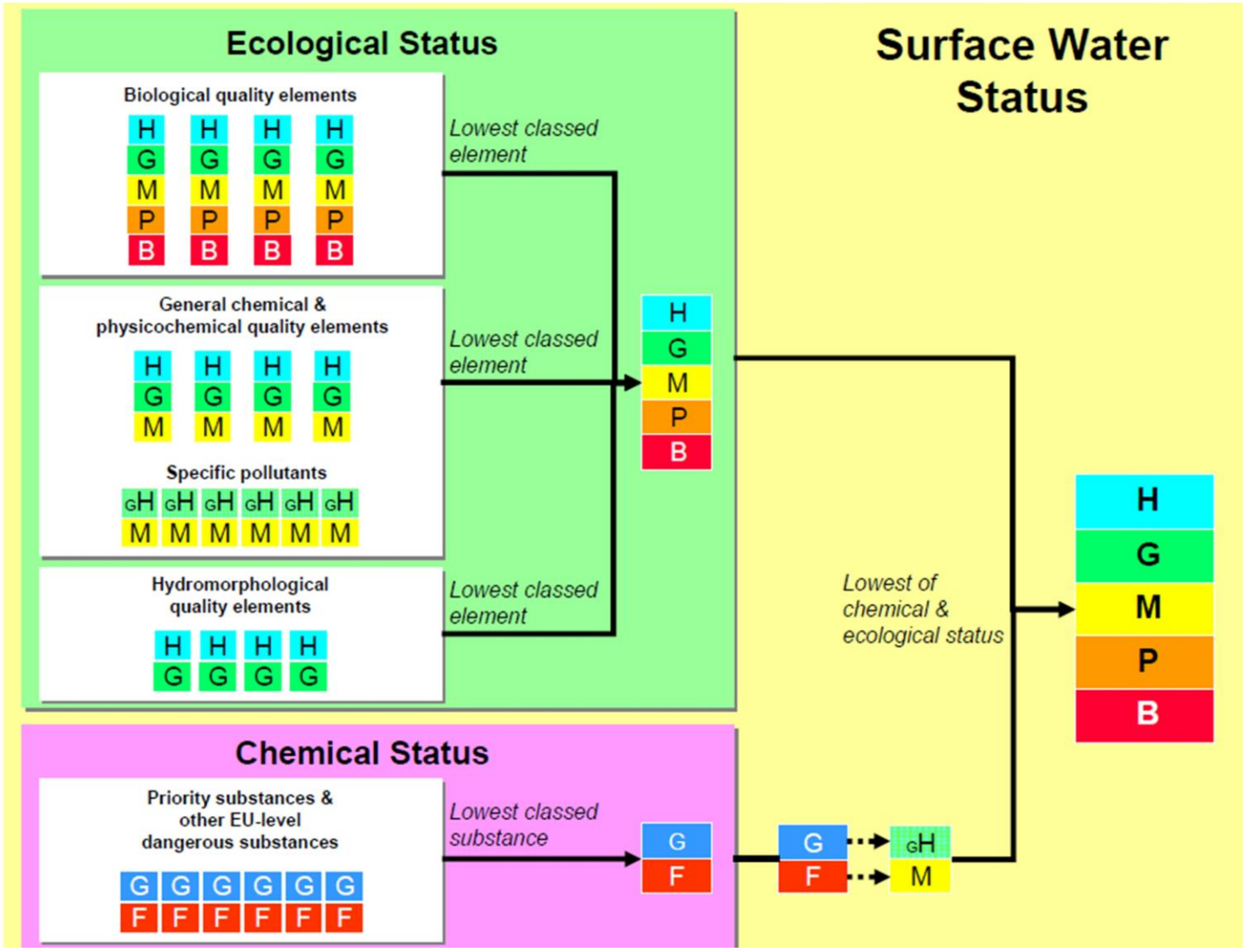
Ecological Status
Biological quality elements
H G M P B
H G M P B
H G M P B
H G M P B
Lowest classed element
General chemical & physicochemical quality elements
H G M
H G M
H G M
H G M
Specific pollutants
GH GH GH GH GH GH
M M M M M M
Lowest classed element
Hydromorphological quality elements
H G
H G
H G
H G
Lowest classed element
H G M P B
Surface Water Status
Lowest of chemical & ecological status
H G M P B
Chemical Status
Priority substances & other EU-level dangerous substances
G F
G G G G G G
F F F F F F
Lowest classed substance
G F
G F
GH M

| | |
|---|---|
| **Water body name:** | McAuley's Lake Feeder |
| **Water body identification code:** | UKGBNI1NE050504053 |
| **River Basin District:** | North Eastern |
| **Local management area:** | Quoile |
| **2021 Objective:** | Good Status |
| **2027 Objective:** | Good Status |

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| | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|
| **Overall status:** | Moderate | | | | | | |
| **Confidence in overall status:** | Low | | | | | | |
| **Biological elements** | | | | | | | |
| Benthic invertebrates | Moderate | | | | | | |
| Macrophytes | High | | | | | | |
| Phytobenthos | Good | | | | | | |
| **Physicochemical elements** | | | | | | | |
| **Specific pollutants** | | | | | | | |
| **Hydromorphological elements [1]** | | | | | | | |
| Hydrological regime | High | | | | | | |
| **Priority substances** | | | | | | | |

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[1] BOD and temperature do not contribute to overall classification. Hydromorphical elements are supporting elements and only contribute to overall classification as either high or good.

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The yearly classifications are based on monitoring data up to the end of the previous year where available. Data more than 6 years old is not used for classifications. Elements were not classified in a particular year if they were not monitored during the previous 6 years.
The diagram on page 2 indicates how overall classification has been assessed from the individual elements. However, for heavily modified water bodies and artificial water bodies a separate classification has been applied to determine ecological potential taking into account mitigation measures. Further details can be found on our website.

| | |
|---|---|
| **Water body name:** | Ballynahinch Feeder |
| **Water body identification code:** | UKGBNI1NE050504065 |
| **River Basin District:** | North Eastern |
| **Local management area:** | Quoile |
| **2021 Objective:** | Good Status |
| **2027 Objective:** | Good Status |

| | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|
| **Overall status:** | Moderate | | | | | | |
| **Confidence in overall status:** | Low | | | | | | |
| **Biological elements** | | | | | | | |
| Benthic invertebrates | Moderate | | | | | | |
| Macrophytes | High | | | | | | |
| Phytobenthos | Moderate | | | | | | |
| **Physicochemical elements** | | | | | | | |
| Biochemical Oxygen Demand [1] | High | | | | | | |
| Dissolved Oxygen | High | | | | | | |
| pH | High | | | | | | |
| Soluble Reactive Phosphorus | Moderate | | | | | | |
| **Specific pollutants** | | | | | | | |
| Ammonia | Good/High | | | | | | |
| **Hydromorphological elements [1]** | | | | | | | |
| Hydrological regime | High | | | | | | |
| **Priority substances** | | | | | | | |

[1] BOD and temperature do not contribute to overall classification. Hydromorphical elements are supporting elements and only contribute to overall classification as either high or good.

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**Water body name:** Drumaness Tributary
**Water body identification code:** UKGBNI1NE050504066
**River Basin District:** North Eastern
**Local management area:** Quoile
**2021 Objective:** Moderate Status
**2027 Objective:** Good Status

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| | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|
| **Overall status:** | Poor | | | | | | |
| **Confidence in overall status:** | Low | | | | | | |

## Biological elements

| | |
|---|---|
| Benthic invertebrates | Moderate |
| Macrophytes | Poor |
| Phytobenthos | Moderate |
| Fish | Moderate |

## Physicochemical elements

| | |
|---|---|
| Biochemical Oxygen Demand [1] | Moderate |
| Temperature [1] | High |
| Dissolved Oxygen | Moderate |
| pH | High |
| Soluble Reactive Phosphorus | Moderate |

## Specific pollutants

| | |
|---|---|
| Ammonia | Good/High |
| Arsenic (dissolved) | Good/High |
| Chromium (dissolved) | Good/High |
| 3,4-dichloroaniline | Good/High |
| Iron (dissolved) | Good/High |
| Pendimethalin | Good/High |
| Toluene | Good/High |

## Hydromorphological elements [1]

| | |
|---|---|
| Hydrological regime | High |
| Morphological conditions | Good |

## Priority substances

| | |
|---|---|
| Alachlor | Good |
| Benzene | Good |
| Brominated diphenylether | Good |
| Cadmium (dissolved) | Good |
| Cyclodiene pesticides | Good |
| p,p'-DDT | Good |
| DDT (total) | Good |
| Diethylhexylphthalate | Good |

| | |
|---|---|
| Endosulphan | Good |
| Hexachlorobenzene | Good |
| Hexachlorocyclohexane (total) | Good |
| Lead (dissolved) | Good |
| Mercury (dissolved) | Good |
| Nickel (dissolved) | Good |
| Pentachlorobenzene | Good |
| Trifluralin | Good |

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[1] BOD and temperature do not contribute to overall classification. Hydromorphical elements are supporting elements and only contribute to overall classification as either high or good.

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The yearly classifications are based on monitoring data up to the end of the previous year where available. Data more than 6 years old is not used for classifications. Elements were not classified in a particular year if they were not monitored during the previous 6 years.
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| | |
|---|---|
| **Water body name:** | Glasswater River |
| **Water body identification code:** | UKGBNI1NE050505124 |
| **River Basin District:** | North Eastern |
| **Local management area:** | Quoile |
| **2021 Objective:** | Good Status |
| **2027 Objective:** | Good Status |

| | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|
| **Overall status:** | Moderate | | | | | | |
| **Confidence in overall status:** | Low | | | | | | |

## Biological elements

| | |
|---|---|
| Benthic invertebrates | Moderate |
| Macrophytes | High |
| Phytobenthos | Good |

## Physicochemical elements

| | |
|---|---|
| Biochemical Oxygen Demand [1] | Good |
| Temperature [1] | High |
| Dissolved Oxygen | High |
| pH | High |
| Soluble Reactive Phosphorus | Moderate |

## Specific pollutants

| | |
|---|---|
| Ammonia | Good/High |
| Arsenic (dissolved) | Good/High |
| Chromium (dissolved) | Good/High |
| Iron (dissolved) | Good/High |

## Hydromorphological elements [1]

| | |
|---|---|
| Hydrological regime | Good |

## Priority substances

| | |
|---|---|
| Cadmium (dissolved) | Good |
| Lead (dissolved) | Good |
| Nickel (dissolved) | Good |

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The yearly classifications are based on monitoring data up to the end of the previous year where available. Data more than 6 years old is not used for classifications. Elements were not classified in a particular year if they were not monitored during the previous 6 years.
The diagram on page 2 indicates how overall classification has been assessed from the individual elements. However, for heavily modified water bodies and artificial water bodies a separate classification has been applied to determine ecological potential taking into account mitigation measures. Further details can be found on our website.

| | |
|---|---|
| **Water body name:** | Ballynahinch River |
| **Water body identification code:** | UKGBNI1NE050505125 |
| **River Basin District:** | North Eastern |
| **Local management area:** | Quoile |
| **2021 Objective:** | Good Status |
| **2027 Objective:** | Good Status |

| | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|
| **Overall status:** | Moderate | | | | | | |
| **Confidence in overall status:** | Medium | | | | | | |
| **Biological elements** | | | | | | | |
| Benthic invertebrates | Moderate | | | | | | |
| Macrophytes | Moderate | | | | | | |
| Phytobenthos | Moderate | | | | | | |
| **Physicochemical elements** | | | | | | | |
| Biochemical Oxygen Demand [1] | Good | | | | | | |
| Temperature [1] | Good | | | | | | |
| Dissolved Oxygen | Moderate | | | | | | |
| pH | High | | | | | | |
| Soluble Reactive Phosphorus | Moderate | | | | | | |
| **Specific pollutants** | | | | | | | |
| Ammonia | Good/High | | | | | | |
| Arsenic (dissolved) | Good/High | | | | | | |
| Chromium (dissolved) | Good/High | | | | | | |
| Iron (dissolved) | Good/High | | | | | | |
| **Hydromorphological elements [1]** | | | | | | | |
| Hydrological regime | Good | | | | | | |
| **Priority substances** | | | | | | | |
| Cadmium (dissolved) | Good | | | | | | |
| Lead (dissolved) | Good | | | | | | |
| Nickel (dissolved) | Good | | | | | | |

[1] BOD and temperature do not contribute to overall classification. Hydromorphical elements are supporting elements and only contribute to overall classification as either high or good.

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**Water body name:** Quoile River
**Water body identification code:** UKGBNI1NE050505115
**River Basin District:** North Eastern
**Local management area:** Quoile
**2021 Objective:** Moderate Status
**2027 Objective:** Good Status

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| | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|
| **Overall status:** | Poor | | | | | | |
| **Confidence in overall status:** | Medium | | | | | | |

## Biological elements

| | |
|---|---|
| Benthic invertebrates | Good |
| Macrophytes | Moderate |
| Phytobenthos | Good |
| Fish | Poor |

## Physicochemical elements

| | |
|---|---|
| Biochemical Oxygen Demand [1] | Good |
| Temperature [1] | Good |
| Dissolved Oxygen | Moderate |
| pH | High |
| Soluble Reactive Phosphorus | Moderate |

## Specific pollutants

| | |
|---|---|
| Ammonia | Good/High |
| Arsenic (dissolved) | Good/High |
| Chromium (dissolved) | Good/High |
| Cypermethrin [2] | Moderate |
| 2,4-D | Good/High |
| Diazinon | Good/High |
| 3,4-dichloroaniline | Good/High |
| 2,4-dichlorophenol | Good/High |
| Glyphosate | Good/High |
| Iron (dissolved) | Good/High |
| Linuron | Good/High |
| Mecoprop | Good/High |
| Pendimethalin | Good/High |
| Permethrin | Good/High |
| Phenol | Good/High |
| Toluene | Good/High |
| Triclosan | Good/High |

## Hydromorphological elements [1]

| | |
|---|---|
| Hydrological regime | Good |

## Priority substances

| | |
|---|---|
| Alachlor | Good |
| Anthracene | Good |
| Atrazine | Good |
| Benzene | Good |
| Benzo-a-pyrene | Good |
| Brominated diphenylether | Good |
| Benzo(b)fluoranthene | Good |
| Benzo(k)fluoranthene | Good |
| Benzo(g,h,i)perylene | Good |
| C10 - C13 chloroalkanes | Good |
| Cadmium (dissolved) | Good |
| Carbon tetrachloride | Good |
| Chlorpyriphos | Good |
| Trichloromethane (chloroform) | Good |
| Cyclodiene pesticides | Good |
| p,p'-DDT | Good |
| DDT (total) | Good |
| 1,2-dichloroethane | Good |
| Dichloromethane | Good |
| Diethylhexylphthalate | Good |
| Diuron | Good |
| Endosulphan | Good |
| Fluoranthene | Good |
| Hexachlorobenzene | Good |
| Hexachlorobutadiene | Good |
| Hexachlorocyclohexane (total) | Good |
| Isoproturon | Good |
| Lead (dissolved) | Good |
| Mercury (dissolved) | Good |
| Naphthalene | Good |
| Nickel (dissolved) | Good |
| Nonylphenol | Good |
| Octylphenol | Good |
| Pentachlorobenzene | Good |
| Pentachlorophenol | Good |
| Simazine | Good |
| Tetrachloroethylene | Good |
| Tributyltin | Good |
| Trichlorobenzenes (total) | Good |
| Trichloroethylene | Good |
| Trifluralin | Good |

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[2] For overall status cypermethrin has been assessed alongside biological elements.

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| | |
|---|---|
| **Water body name:** | Quoile Pondage |
| **Water body identification code:** | UKGBNI5NE130010 |
| | *This is a heavily modified water body.* |
| **River Basin District:** | North Eastern |
| **Local management area:** | Quoile |
| **2021 Objective:** | Moderate ecological potential |
| **2027 Objective:** | Good ecological potential |

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| | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|
| **Overall status:** | MEP | | | | | | |
| **Confidence in overall status:** | | | | | | | |
| Angiosperms | Good | | | | | | |
| Benthic Invertebrates | Moderate | | | | | | |
| Dissolved oxygen | Moderate | | | | | | |
| Fish | Moderate | | | | | | |
| Priority hazardous substances | Good | | | | | | |
| Specific pollutants | Good/High | | | | | | |

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