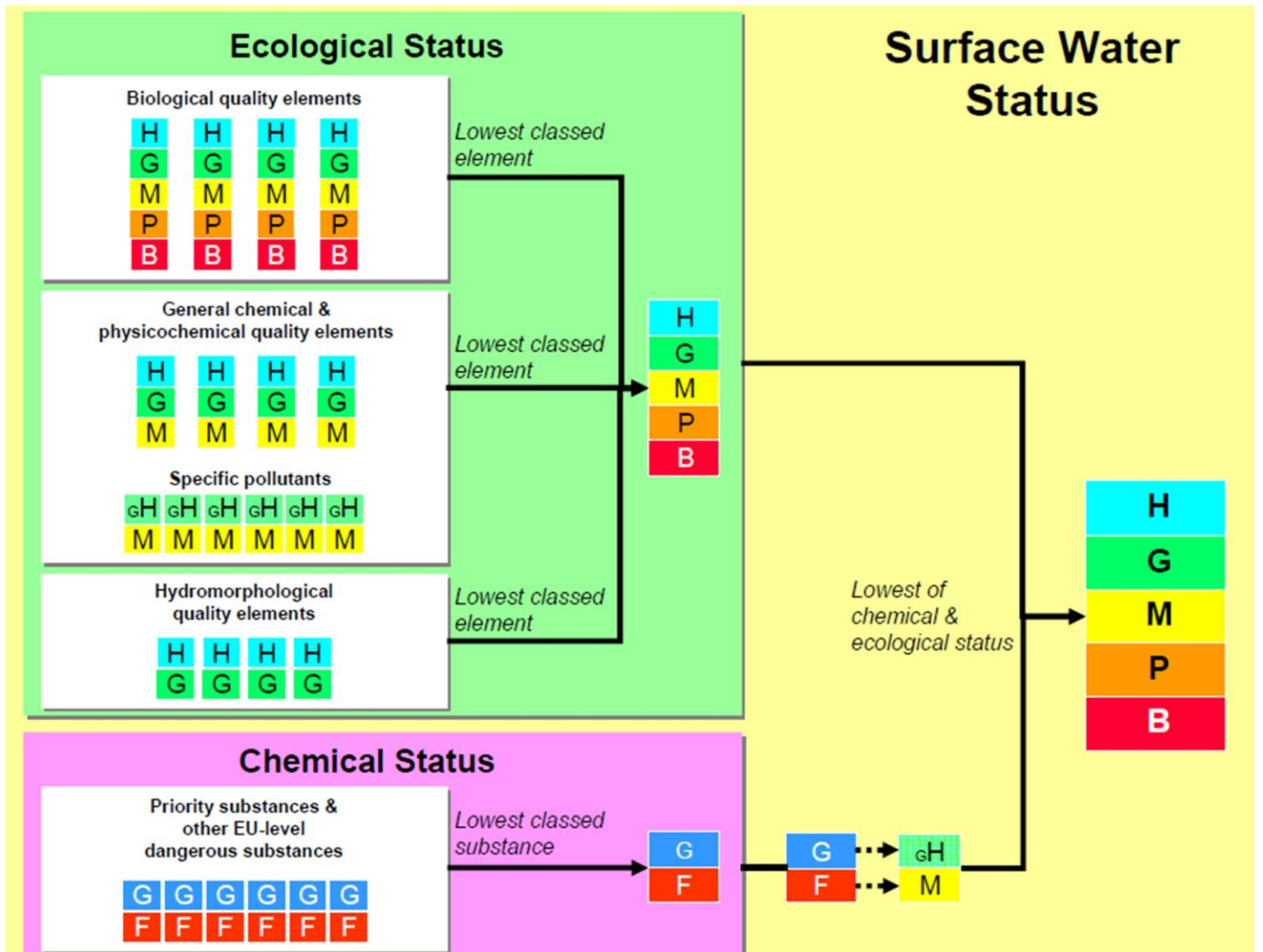


Local Management Areas

Reasons for status for the water bodies within the Lagan LMA

December 2015



Water body name: Hillsborough Park Lake Stream
Water body identification code: UKGBNI1NE050503001
River Basin District: North Eastern
Local management area: Lagan
2021 Objective: Moderate Status
2027 Objective: Good Status

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

_____ Biological elements _____

Benthic invertebrates	Poor
Macrophytes	Moderate
Phytobenthos	Moderate

_____ Physicochemical elements _____

Biochemical Oxygen Demand ¹	Moderate
Dissolved Oxygen	Moderate
pH	High
Soluble Reactive Phosphorus	Moderate

_____ Specific pollutants _____

Ammonia	Moderate
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_____ Hydromorphological elements ¹ _____

Hydrological regime	Good
Morphological conditions	Good

_____ Priority substances _____

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

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: River Lagan (Bull's Brook)
Water body identification code: UKGBNI1NE050503046
River Basin District: North Eastern
Local management area: Lagan
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	High
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	High
Morphological conditions	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.

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: Ravernet River (Sprucefield)
Water body identification code: UKGBNI1NE050503047
River Basin District: North Eastern
Local management area: Lagan
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	Good
Macrophytes	High
Phytobenthos	Moderate

Physicochemical elements

Biochemical Oxygen Demand ¹	Moderate
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
Morphological conditions	Good

Priority substances

Cadmium (dissolved)	Good
Lead (dissolved)	Good
Nickel (dissolved)	Good

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

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: River Lagan (Larch Hill)
Water body identification code: UKGBNI1NE050503048
River Basin District: North Eastern
Local management area: Lagan
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	High
Phytobenthos	Moderate

Physicochemical elements

Biochemical Oxygen Demand ¹	High
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	High
Morphological conditions	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.

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: Ravernet River (Mount Pleasant)
Water body identification code: UKGBNI1NE050503070
River Basin District: North Eastern
Local management area: Lagan
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	Good
Macrophytes	High
Phytobenthos	Moderate

_____ Physicochemical elements _____

Biochemical Oxygen Demand ¹	Moderate
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	High
Morphological conditions	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.

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: Ravernet Tributary
Water body identification code: UKGBNI1NE050503071
River Basin District: North Eastern
Local management area: Lagan
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	Good
Macrophytes	High
Phytobenthos	Moderate

Physicochemical elements

Biochemical Oxygen Demand ¹	Moderate
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
Morphological conditions	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.

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: Connswater
Water body identification code: UKGBNI1NE050503087
This is a heavily modified water body.
River Basin District: North Eastern
Local management area: Lagan
2021 Objective: Moderate ecological potential
2027 Objective: Good ecological potential

	2015	2016	2017	2018	2019	2020	2021
Overall status:	PEP						
Confidence in overall status:	Low						

Biological elements

Benthic invertebrates	Poor
Macrophytes	Moderate
Phytobenthos	Good

Physicochemical elements

Biochemical Oxygen Demand ¹	High
Dissolved Oxygen	High
pH	High
Soluble Reactive Phosphorus	Moderate

Specific pollutants

Ammonia	Good/High
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Hydromorphological elements ¹

Hydrological regime	High
Morphological conditions	Good

Priority substances

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

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: River Lagan (Dromara)
Water body identification code: UKGBNI1NE050503096
River Basin District: North Eastern
Local management area: Lagan
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	Good

Physicochemical elements

Biochemical Oxygen Demand ¹	High
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	High
Morphological conditions	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.

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: Eel Burn (Lagan)
Water body identification code: UKGBNI1NE050503098
River Basin District: North Eastern
Local management area: Lagan
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	High
Phytobenthos	Moderate

_____ Physicochemical elements _____

Biochemical Oxygen Demand ¹	Good
Temperature ¹	Good
Dissolved Oxygen	High
pH	High
Soluble Reactive Phosphorus	Moderate

_____ Specific pollutants _____

Ammonia	Moderate
Arsenic (dissolved)	Good/High
Chromium (dissolved)	Good/High
Iron (dissolved)	Good/High

_____ Hydromorphological elements ¹ _____

Hydrological regime	Good
Morphological conditions	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.

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: Derriaghy River
Water body identification code: UKGBNI1NE050503104
This is a heavily modified water body.
River Basin District: North Eastern
Local management area: Lagan
2021 Objective: Moderate ecological potential
2027 Objective: Good ecological potential

	2015	2016	2017	2018	2019	2020	2021
Overall status:	MEP						
Confidence in overall status:	Medium						

Biological elements

Benthic invertebrates	Moderate
Macrophytes	Moderate
Phytobenthos	Moderate

Physicochemical elements

Biochemical Oxygen Demand ¹	Moderate
Dissolved Oxygen	High
pH	High
Soluble Reactive Phosphorus	Moderate

Specific pollutants

Ammonia	Good/High
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Hydromorphological elements ¹

Hydrological regime	Good
Morphological conditions	Good

Priority substances

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

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: Edenordinary Stream
Water body identification code: UKGBNI1NE050503105
River Basin District: North Eastern
Local management area: Lagan
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	High
Temperature ¹	Good
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	High
Morphological conditions	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.

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: Brookmount Stream
Water body identification code: UKGBNI1NE050503106
River Basin District: North Eastern
Local management area: Lagan
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	Good
Phytobenthos	Moderate

Physicochemical elements

Biochemical Oxygen Demand ¹	High
Dissolved Oxygen	High
pH	High
Soluble Reactive Phosphorus	Moderate

Specific pollutants

Ammonia	Good/High
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Hydromorphological elements ¹

Hydrological regime	High
Morphological conditions	Good

Priority substances

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

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: Collin Glen River
Water body identification code: UKGBNI1NE050503117
River Basin District: North Eastern
Local management area: Lagan
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	Good
Macrophytes	Moderate
Phytobenthos	Good

_____ Physicochemical elements _____

Biochemical Oxygen Demand ¹	High
Dissolved Oxygen	High
pH	High
Soluble Reactive Phosphorus	Good

_____ Specific pollutants _____

Ammonia	Good/High
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_____ Hydromorphological elements ¹ _____

Hydrological regime	High
Morphological conditions	Good

_____ Priority substances _____

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

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: Blackstaff (Belfast) River
Water body identification code: UKGBNI1NE050505126
This is a heavily modified water body.
River Basin District: North Eastern
Local management area: Lagan
2021 Objective: Moderate ecological potential
2027 Objective: Good ecological potential

	2015	2016	2017	2018	2019	2020	2021
Overall status:	MEP						
Confidence in overall status:	Medium						

Biological elements

Benthic invertebrates	Good
Macrophytes	Moderate
Phytobenthos	Good

Physicochemical elements

Biochemical Oxygen Demand ¹	Moderate
Temperature ¹	High
Dissolved Oxygen	Good
pH	High
Soluble Reactive Phosphorus	Moderate

Specific pollutants

Ammonia	Moderate
Arsenic (dissolved)	Good/High
Chromium (dissolved)	Good/High
Iron (dissolved)	Good/High

Hydromorphological elements ¹

Hydrological regime	High
Morphological conditions	Good

Priority substances

Cadmium (dissolved)	Good
Lead (dissolved)	Good
Nickel (dissolved)	Good

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

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: River Lagan (Lisburn)
Water body identification code: UKGBNI1NE050505127
River Basin District: North Eastern
Local management area: Lagan
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
Fish	Moderate

Physicochemical elements

Biochemical Oxygen Demand ¹	Good
Temperature ¹	Good
Dissolved Oxygen	Good
pH	High
Soluble Reactive Phosphorus	Moderate

Specific pollutants

Ammonia	Good/High
Arsenic (dissolved)	Good/High
Chromium (dissolved)	Good/High
3,4-dichloroaniline	Good/High
2,4-dichlorophenol	Good/High
Iron (dissolved)	Good/High
Pendimethalin	Good/High
Phenol	Good/High
Toluene	Good/High

Hydromorphological elements ¹

Hydrological regime	Good
Morphological conditions	Good

Priority substances

Alachlor	Good
Anthracene	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
Cyclodiene pesticides	Good
p,p'-DDT	Good
DDT (total)	Good
Diethylhexylphthalate	Good
Endosulphan	Good
Fluoranthene	Fail
Hexachlorobenzene	Good
Hexachlorocyclohexane (total)	Good
Lead (dissolved)	Good
Naphthalene	Good
Nickel (dissolved)	Good
Nonylphenol	Good
Octylphenol	Good
Pentachlorobenzene	Good
Pentachlorophenol	Good
Trifluralin	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.

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: River Lagan (Stranmillis)
Water body identification code: UKGBNI1NE050503108
This is a heavily modified water body.
River Basin District: North Eastern
Local management area: Lagan
2021 Objective: Moderate ecological potential
2027 Objective: Good ecological potential

	2015	2016	2017	2018	2019	2020	2021
Overall status:	MEP						
Confidence in overall status:	Medium						

Biological elements

Benthic invertebrates	Good
Macrophytes	Moderate
Phytobenthos	Moderate
Fish	Moderate

Physicochemical elements

Biochemical Oxygen Demand ¹	High
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
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	Moderate
Phenol	Good/High
Toluene	Good/High
Triclosan	Good/High

Hydromorphological elements ¹

Hydrological regime	Good
Morphological conditions	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
Chlorpyrifos	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	Fail
Hexachlorobenzene	Good
Hexachlorobutadiene	Good
Hexachlorocyclohexane (total)	Fail
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

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.

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

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: Minnowburn
Water body identification code: UKGBNI1NE050503088
River Basin District: North Eastern
Local management area: Lagan
2021 Objective: Moderate Status
2027 Objective: Good Status

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

Biological elements

Benthic invertebrates	Poor
Macrophytes	Good
Phytobenthos	Good

Physicochemical elements

Biochemical Oxygen Demand ¹	Good
Dissolved Oxygen	High
pH	High
Soluble Reactive Phosphorus	Moderate

Specific pollutants

Ammonia	Good/High
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Hydromorphological elements ¹

Hydrological regime	High
Morphological conditions	Good

Priority substances

Mercury (biota) ³	Fail
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¹ BOD and temperature do not contribute to overall classification. Hydromorphological elements are supporting elements and only contribute to overall classification as either high or good.

³ Only pilot monitoring has been undertaken to date and therefore insufficient data is available to include in the assessment of overall status.

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: Lagan Estuary
Water body identification code: UKGBNI5NE100010
This is a heavily modified water body.
River Basin District: North Eastern
Local management area: Lagan
2021 Objective: Moderate ecological potential
2027 Objective: Good ecological potential

	2015	2016	2017	2018	2019	2020	2021
Overall status:	PEP						
Confidence in overall status:							
Alien Species	Absent						
Angiosperms	Moderate						
Benthic Invertebrates	Poor						
Dissolved inorganic nitrogen	Bad						
Dissolved oxygen	Moderate						
Fish	Poor						
Priority hazardous substances	Fail						
Specific pollutants	Moderate						

The yearly classifications are based on monitoring data up to the end of the previous year where possible. Data more than 6 years old is not used for classifications.

Water body name: Belfast Harbour
Water body identification code: UKGBNI6NE180
This is a heavily modified water body.
River Basin District: North Eastern
Local management area: Lagan
2021 Objective: Moderate ecological potential
2027 Objective: Good ecological potential

	2015	2016	2017	2018	2019	2020	2021
Overall status:	MEP						
Confidence in overall status:							
Alien Species	Present						
Angiosperms	Good						
Benthic Invertebrates	Moderate						
Dissolved inorganic nitrogen	Bad						
Dissolved oxygen	High						
Fish	Moderate						
Priority hazardous substances	Good						
Specific pollutants	Moderate						

The yearly classifications are based on monitoring data up to the end of the previous year where possible. Data more than 6 years old is not used for classifications.