Local Management Areas

Reasons for status for the water bodies within the Faughan LMA

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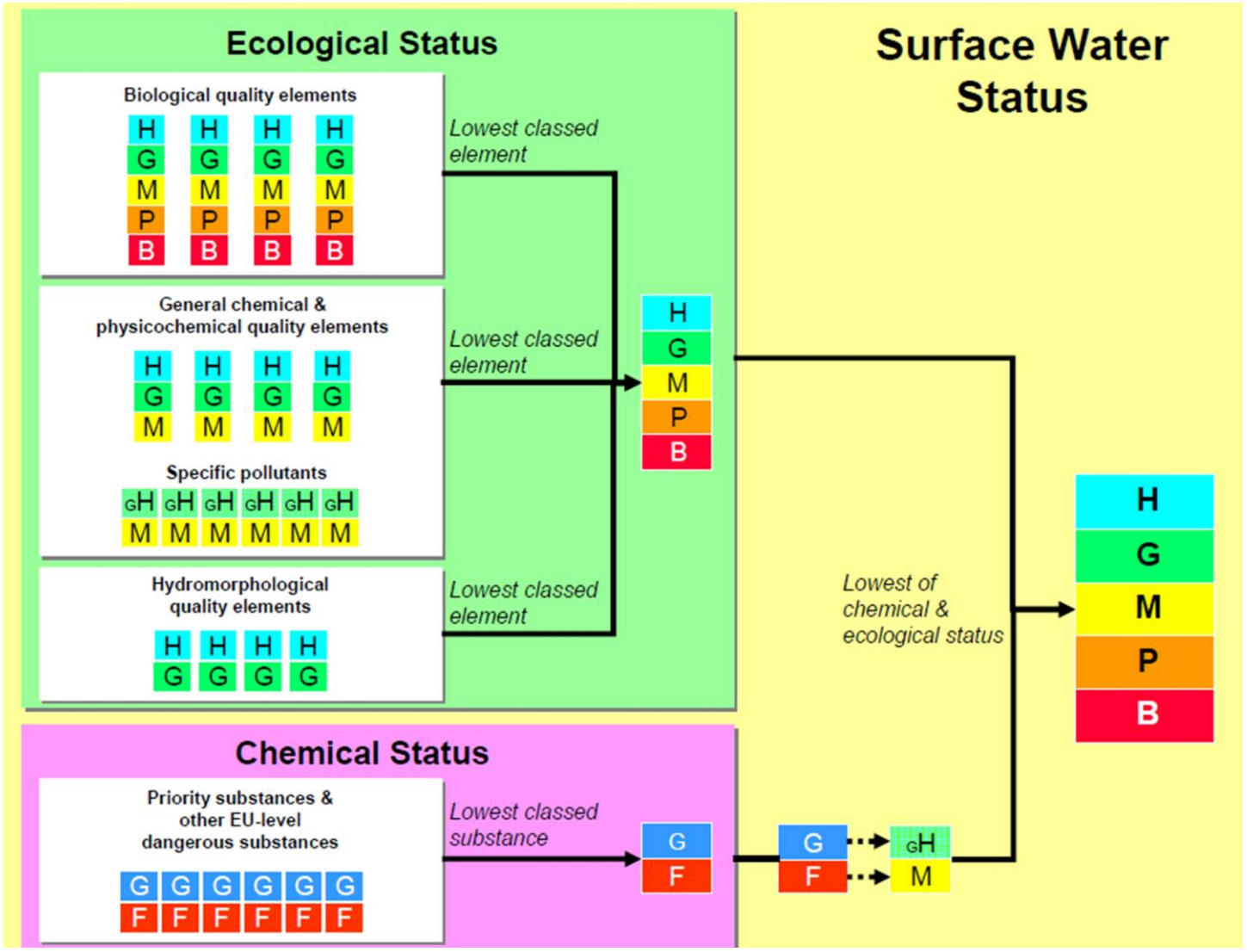
Ecological Status
Biological quality elements
H G M P B
H G M P B
H G M P B
H G M P B
Lowest classed element
General chemical & physicochemical quality elements
H G M
H G M
H G M
H G M
Specific pollutants
GH GH GH GH GH GH
M M M M M M
Lowest classed element
Hydromorphological quality elements
H G
H G
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:	Cullion Burn
Water body identification code:	UKGBNI1NW020204025
River Basin District:	North Western
Local management area:	Faughan
2021 Objective:	Good Status
2027 Objective:	Good Status

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

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:	Foreglen River
Water body identification code:	UKGBNI1NW020204026
River Basin District:	North Western
Local management area:	Faughan
2021 Objective:	Good Status
2027 Objective:	Good Status

	2015	2016	2017	2018	2019	2020	2021
Overall status:	Good						
Confidence in overall status:	High						
Biological elements							
Benthic invertebrates	High						
Macrophytes	High						
Phytobenthos	Good						
Physicochemical elements							
Biochemical Oxygen Demand [1]	High						
Temperature [1]	High						
Dissolved Oxygen	High						
pH	High						
Soluble Reactive Phosphorus	High						
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						

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Water body name:	River Faughan (Park)
Water body identification code:	UKGBNI1NW020204033
River Basin District:	North Western
Local management area:	Faughan
2021 Objective:	Good Status
2027 Objective:	Good Status

	2015	2016	2017	2018	2019	2020	2021
Overall status:	Good						
Confidence in overall status:	High						
Biological elements							
Benthic invertebrates	High						
Macrophytes	High						
Phytobenthos	Good						
Physicochemical elements							
Biochemical Oxygen Demand [1]	High						
Temperature [1]	High						
Dissolved Oxygen	High						
pH	High						
Soluble Reactive Phosphorus	High						
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						

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Water body name:	Burngibbagh
Water body identification code:	UKGBNI1NW020204034
River Basin District:	North Western
Local management area:	Faughan
2021 Objective:	Good Status
2027 Objective:	Good Status

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

Biological elements

Benthic invertebrates	Good
Macrophytes	Good
Phytobenthos	Good

Physicochemical elements

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

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

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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:	Burntollet River (Ness Wood)
Water body identification code:	UKGBNI1NW020204035
River Basin District:	North Western
Local management area:	Faughan
2021 Objective:	Good Status
2027 Objective:	Good Status

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

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Water body name:	Glenrandal River
Water body identification code:	UKGBNI1NW020204038
River Basin District:	North Western
Local management area:	Faughan
2021 Objective:	Good Status
2027 Objective:	Good Status

	2015	2016	2017	2018	2019	2020	2021
Overall status:	Good						
Confidence in overall status:	High						
Biological elements							
Benthic invertebrates	High						
Macrophytes	High						
Phytobenthos	High						
Physicochemical elements							
Biochemical Oxygen Demand [1]	High						
Temperature [1]	High						
Dissolved Oxygen	High						
pH	High						
Soluble Reactive Phosphorus	High						
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						

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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:	Burntollet River (Lougheramore)
Water body identification code:	UKGBNI1NW020204062
River Basin District:	North Western
Local management area:	Faughan
2021 Objective:	Good Status
2027 Objective:	Good Status

	2015	2016	2017	2018	2019	2020	2021
Overall status:	Moderate						
Confidence in overall status:	High						

Biological elements

Benthic invertebrates	High
Macrophytes	High
Phytobenthos	High

Physicochemical elements

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

Specific pollutants

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

Hydromorphological elements [1]

Hydrological regime	High
Morphological conditions	Good

Priority substances

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

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Water body name: Faughan River (Carmoney)
Water body identification code: UKGBNI1NW020208259
River Basin District: North Western
Local management area: Faughan
2021 Objective: Good Status
2027 Objective: Good Status

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

Biological elements

Benthic invertebrates	High
Macrophytes	High
Phytobenthos	High
Fish	Poor

Physicochemical elements

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

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
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
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
Mercury (biota) [3]	Fail
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.

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

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