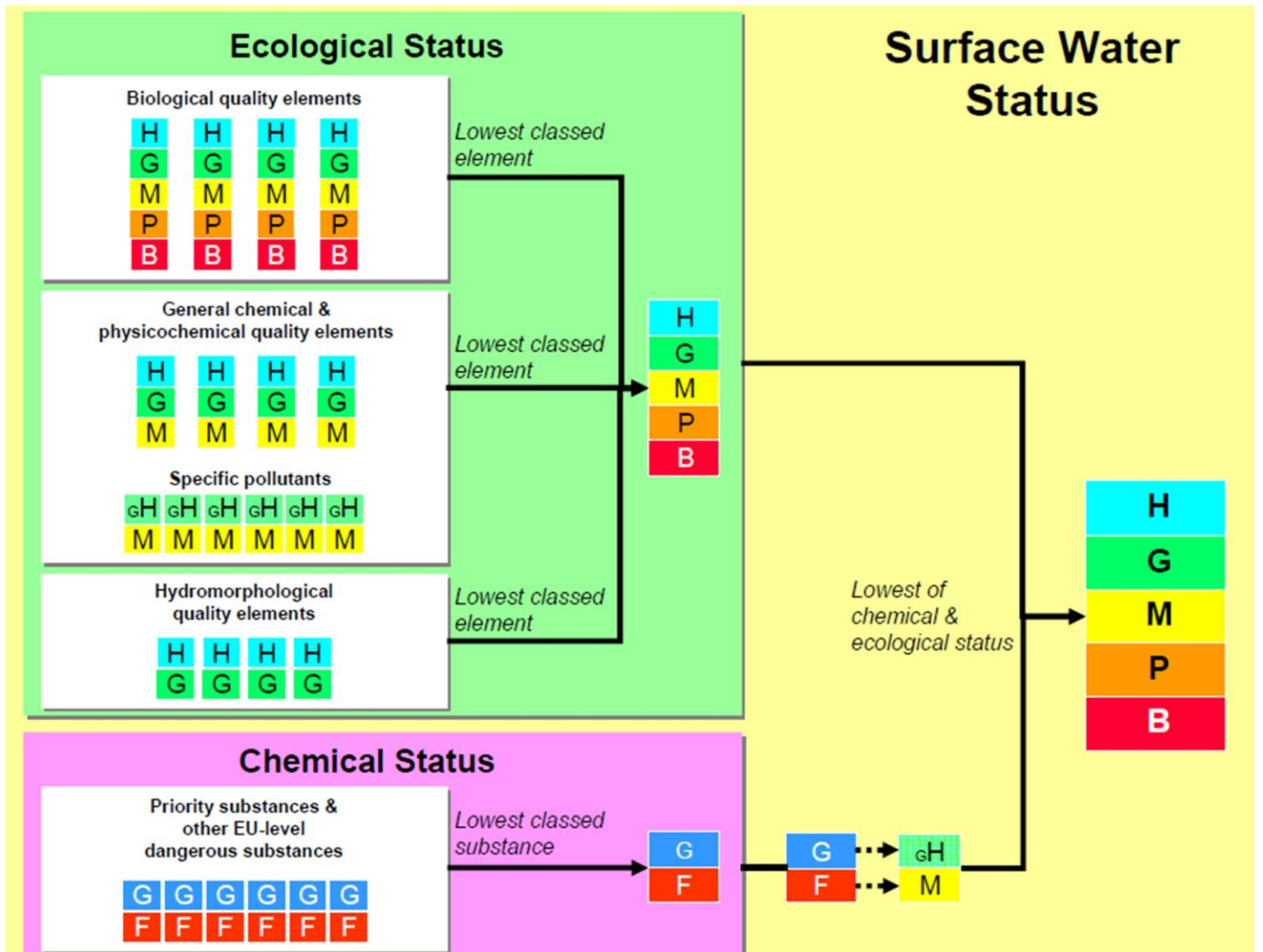


**Local Management Areas**

# Reasons for status for the water bodies within the Six Mile Water LMA

December 2015



**Water body name:** Six Mile Water (Antrim)  
**Water body identification code:** UKGBNI1NB030305122  
*This is a heavily modified water body.*  
**River Basin District:** Neagh Bann  
**Local management area:** Six Mile Water  
**2021 Objective:** Good ecological potential  
**2027 Objective:** Good ecological potential

	2015	2016	2017	2018	2019	2020	2021
<b>Overall status:</b>	MEP						
<b>Confidence in overall status:</b>	High						

Biological elements

Benthic invertebrates	High
Macrophytes	Good
Phytobenthos	Good
Fish	Good

Physicochemical elements

Biochemical Oxygen Demand <sup>1</sup>	High
Temperature <sup>1</sup>	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)	Good/High
Toluene	Good/High

Hydromorphological elements <sup>1</sup>

Hydrological regime	Good
Morphological conditions	Good

Priority substances

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
Cadmium (dissolved)	Good
Fluoranthene	Good

Lead (dissolved)  
Naphthalene  
Nickel (dissolved)

Good  
Good  
Good

---

<sup>1</sup> 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:** Rathmore Burn  
**Water body identification code:** UKGBNI1NB030305124  
**River Basin District:** Neagh Bann  
**Local management area:** Six Mile Water  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

	2015	2016	2017	2018	2019	2020	2021
<b>Overall status:</b>	<b>Good</b>						
<b>Confidence in overall status:</b>	Medium						

Biological elements

Benthic invertebrates	<b>Good</b>
Macrophytes	<b>High</b>
Phytobenthos	<b>Good</b>

Physicochemical elements

Biochemical Oxygen Demand <sup>1</sup>	<b>High</b>
Temperature <sup>1</sup>	<b>High</b>
Dissolved Oxygen	<b>High</b>
pH	<b>High</b>
Soluble Reactive Phosphorus	<b>Good</b>

Specific pollutants

Ammonia	<b>Good/High</b>
---------	------------------

Hydromorphological elements <sup>1</sup>

Hydrological regime	<b>High</b>
---------------------	-------------

Priority substances

<sup>1</sup> 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:** Four Mile Burn  
**Water body identification code:** UKGBNI1NB030305128  
**River Basin District:** Neagh Bann  
**Local management area:** Six Mile Water  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

	2015	2016	2017	2018	2019	2020	2021
<b>Overall status:</b>	<b>Good</b>						
<b>Confidence in overall status:</b>	Medium						

Biological elements

Benthic invertebrates	<b>Good</b>
Macrophytes	<b>High</b>
Phytobenthos	<b>Good</b>

Physicochemical elements

Biochemical Oxygen Demand <sup>1</sup>	<b>High</b>
Temperature <sup>1</sup>	<b>High</b>
Dissolved Oxygen	<b>High</b>
pH	<b>High</b>
Soluble Reactive Phosphorus	<b>Good</b>

Specific pollutants

Ammonia	<b>Good/High</b>
---------	------------------

Hydromorphological elements <sup>1</sup>

Hydrological regime	<b>High</b>
---------------------	-------------

Priority substances

<sup>1</sup> 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:** Holywell Burn  
**Water body identification code:** UKGBNI1NB030305162  
*This is a heavily modified water body.*  
**River Basin District:** Neagh Bann  
**Local management area:** Six Mile Water  
**2021 Objective:** Good ecological potential  
**2027 Objective:** Good ecological potential

---

	2015	2016	2017	2018	2019	2020	2021
<b>Overall status:</b>	PEP						
<b>Confidence in overall status:</b>	Low						

\_\_\_\_\_ Biological elements \_\_\_\_\_

Benthic invertebrates	Poor
Macrophytes	Good
Phytobenthos	Good

\_\_\_\_\_ Physicochemical elements \_\_\_\_\_

\_\_\_\_\_ Specific pollutants \_\_\_\_\_

\_\_\_\_\_ Hydromorphological elements <sup>1</sup> \_\_\_\_\_

Hydrological regime	Good
Morphological conditions	Good

\_\_\_\_\_ Priority substances \_\_\_\_\_

---

<sup>1</sup> 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.

<b>Water body name:</b>	Six Mile Water (Milikenstown)
<b>Water body identification code:</b>	UKGBNI1NB030305202
<b>River Basin District:</b>	Neagh Bann
<b>Local management area:</b>	Six Mile Water
<b>2021 Objective:</b>	Good Status
<b>2027 Objective:</b>	Good Status

---

	2015	2016	2017	2018	2019	2020	2021
<b>Overall status:</b>	<b>Good</b>						
<b>Confidence in overall status:</b>	High						

---

Biological elements

---

Benthic invertebrates	<b>High</b>
Macrophytes	<b>Good</b>
Phytobenthos	<b>Good</b>

---

Physicochemical elements

---

Biochemical Oxygen Demand <sup>1</sup>	<b>High</b>
Dissolved Oxygen	<b>High</b>
pH	<b>High</b>
Soluble Reactive Phosphorus	<b>Good</b>

---

Specific pollutants

---

Ammonia	<b>Good/High</b>
---------	------------------

---

Hydromorphological elements <sup>1</sup>

---

Hydrological regime	<b>High</b>
---------------------	-------------

---

Priority substances

---



---

<sup>1</sup> 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:** Castle Water  
**Water body identification code:** UKGBNI1NB030305203  
**River Basin District:** Neagh Bann  
**Local management area:** Six Mile Water  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

	2015	2016	2017	2018	2019	2020	2021
<b>Overall status:</b>	Good						
<b>Confidence in overall status:</b>	Medium						

Biological elements

Benthic invertebrates	Good
Macrophytes	Good
Phytobenthos	Good

Physicochemical elements

Biochemical Oxygen Demand <sup>1</sup>	Good
Temperature <sup>1</sup>	High
Dissolved Oxygen	High
pH	High
Soluble Reactive Phosphorus	Good

Specific pollutants

Ammonia	Good/High
---------	-----------

Hydromorphological elements <sup>1</sup>

Hydrological regime	High
Morphological conditions	Good

Priority substances

<sup>1</sup> 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:** Lisnalinchey Burn  
**Water body identification code:** UKGBNI1NB030305205  
**River Basin District:** Neagh Bann  
**Local management area:** Six Mile Water  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

	2015	2016	2017	2018	2019	2020	2021
<b>Overall status:</b>	<b>Moderate</b>						
<b>Confidence in overall status:</b>	Low						

\_\_\_\_\_ Biological elements \_\_\_\_\_

Benthic invertebrates	<b>Good</b>
Macrophytes	<b>Good</b>
Phytobenthos	<b>High</b>

\_\_\_\_\_ Physicochemical elements \_\_\_\_\_

Biochemical Oxygen Demand <sup>1</sup>	<b>High</b>
Dissolved Oxygen	<b>High</b>
pH	<b>High</b>
Soluble Reactive Phosphorus	<b>Moderate</b>

\_\_\_\_\_ Specific pollutants \_\_\_\_\_

Ammonia	<b>Good/High</b>
---------	------------------

\_\_\_\_\_ Hydromorphological elements <sup>1</sup> \_\_\_\_\_

Hydrological regime	<b>High</b>
---------------------	-------------

\_\_\_\_\_ Priority substances \_\_\_\_\_

<sup>1</sup> 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:** Ballymartin Water  
**Water body identification code:** UKGBNI1NB030305206  
**River Basin District:** Neagh Bann  
**Local management area:** Six Mile Water  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

	2015	2016	2017	2018	2019	2020	2021
<b>Overall status:</b>	<b>Moderate</b>						
<b>Confidence in overall status:</b>	Medium						

\_\_\_\_\_ Biological elements \_\_\_\_\_

Benthic invertebrates	<b>Moderate</b>
Macrophytes	<b>Good</b>
Phytobenthos	<b>Moderate</b>

\_\_\_\_\_ Physicochemical elements \_\_\_\_\_

Biochemical Oxygen Demand <sup>1</sup>	<b>High</b>
Temperature <sup>1</sup>	<b>High</b>
Dissolved Oxygen	<b>High</b>
pH	<b>High</b>
Soluble Reactive Phosphorus	<b>Moderate</b>

\_\_\_\_\_ Specific pollutants \_\_\_\_\_

Ammonia	<b>Good/High</b>
Arsenic (dissolved)	<b>Good/High</b>
Chromium (dissolved)	<b>Good/High</b>
Iron (dissolved)	<b>Good/High</b>

\_\_\_\_\_ Hydromorphological elements <sup>1</sup> \_\_\_\_\_

Hydrological regime	<b>High</b>
---------------------	-------------

\_\_\_\_\_ Priority substances \_\_\_\_\_

Cadmium (dissolved)	<b>Good</b>
Lead (dissolved)	<b>Good</b>
Nickel (dissolved)	<b>Good</b>

<sup>1</sup> 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:** Clady Water  
**Water body identification code:** UKGBNI1NB030305207  
**River Basin District:** Neagh Bann  
**Local management area:** Six Mile Water  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

	2015	2016	2017	2018	2019	2020	2021
<b>Overall status:</b>	<b>Good</b>						
<b>Confidence in overall status:</b>	High						

\_\_\_\_\_ Biological elements \_\_\_\_\_

Benthic invertebrates	<b>High</b>
Macrophytes	<b>Good</b>
Phytobenthos	<b>Good</b>

\_\_\_\_\_ Physicochemical elements \_\_\_\_\_

Biochemical Oxygen Demand <sup>1</sup>	<b>High</b>
Temperature <sup>1</sup>	<b>High</b>
Dissolved Oxygen	<b>High</b>
pH	<b>High</b>
Soluble Reactive Phosphorus	<b>Good</b>

\_\_\_\_\_ Specific pollutants \_\_\_\_\_

Ammonia	<b>Good/High</b>
---------	------------------

\_\_\_\_\_ Hydromorphological elements <sup>1</sup> \_\_\_\_\_

Hydrological regime	<b>High</b>
---------------------	-------------

\_\_\_\_\_ Priority substances \_\_\_\_\_

<sup>1</sup> 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:** Doagh River  
**Water body identification code:** UKGBNI1NB030308215  
**River Basin District:** Neagh Bann  
**Local management area:** Six Mile Water  
**2021 Objective:** Good Status  
**2027 Objective:** Good Status

	2015	2016	2017	2018	2019	2020	2021
<b>Overall status:</b>	<b>Good</b>						
<b>Confidence in overall status:</b>	Medium						

\_\_\_\_\_ Biological elements \_\_\_\_\_

Benthic invertebrates	<b>Good</b>
Macrophytes	<b>Good</b>
Phytobenthos	<b>Good</b>

\_\_\_\_\_ Physicochemical elements \_\_\_\_\_

Biochemical Oxygen Demand <sup>1</sup>	<b>High</b>
Temperature <sup>1</sup>	<b>High</b>
Dissolved Oxygen	<b>High</b>
pH	<b>High</b>
Soluble Reactive Phosphorus	<b>High</b>

\_\_\_\_\_ Specific pollutants \_\_\_\_\_

Ammonia	<b>Good/High</b>
---------	------------------

\_\_\_\_\_ Hydromorphological elements <sup>1</sup> \_\_\_\_\_

Hydrological regime	<b>Good</b>
---------------------	-------------

\_\_\_\_\_ Priority substances \_\_\_\_\_

<sup>1</sup> 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:** Six Mile Water (Ballyclare)  
**Water body identification code:** UKGBNI1NB030305204  
*This is a heavily modified water body.*  
**River Basin District:** Neagh Bann  
**Local management area:** Six Mile Water  
**2021 Objective:** Good ecological potential  
**2027 Objective:** Good ecological potential

	2015	2016	2017	2018	2019	2020	2021
<b>Overall status:</b>	<b>MEP</b>						
<b>Confidence in overall status:</b>	Medium						

Biological elements

Benthic invertebrates	<b>Moderate</b>
Macrophytes	High
Phytobenthos	Good
Fish	Good

Physicochemical elements

Biochemical Oxygen Demand <sup>1</sup>	High
Temperature <sup>1</sup>	High
Dissolved Oxygen	High
pH	High
Soluble Reactive Phosphorus	Good

Specific pollutants

Ammonia	Good/High
Arsenic (dissolved)	Good/High
Chromium (dissolved)	Good/High
Cypermethrin <sup>2</sup>	<b>Moderate</b>
2,4-D	Good/High
Diazinon	Good/High
Glyphosate	Good/High
Iron (dissolved)	Good/High
Linuron	Good/High
Mecoprop	Good/High
Permethrin	Good/High

Hydromorphological elements <sup>1</sup>

Hydrological regime	Good
Morphological conditions	Good

Priority substances

Atrazine	Good
Cadmium (dissolved)	Good
Chlorpyrifos	Good

Diuron	Good
Isoproturon	Good
Lead (dissolved)	Good
Mercury (dissolved)	Good
Nickel (dissolved)	Good
Simazine	Good

---

<sup>1</sup> 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.

<sup>2</sup> 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.