



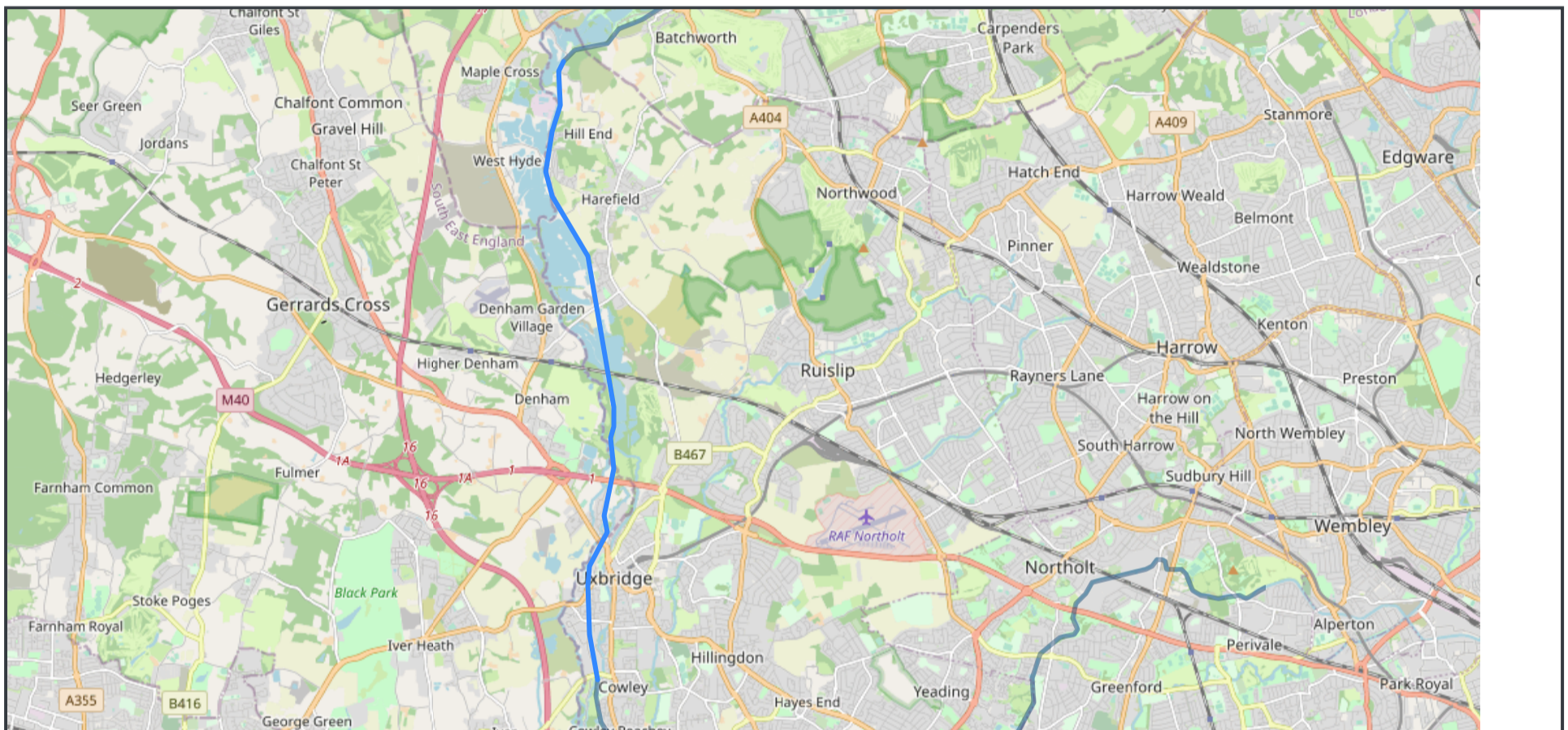
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/ Grand Union Canal, Maple Lodge to Uxbridge (Rivers Colne and Chess plus canal)

Grand Union Canal, Maple Lodge to Uxbridge (Rivers Colne and Chess plus canal) Water Body

Moderate ecological status

Viewing latest data (Updated on 01 February 2022). [Switch to draft river basin management plan data](#)



Get Grand Union Canal, Maple Lodge to Uxbridge (Rivers Colne and Chess plus canal) data

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- [Draft plan maps on ArcGIS online](#)
- [Draft flood risk management plans](#)

Attributes

Water Body ID	Water Body Type	Hydromorphological	NGR
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GB70610252	Canal	designation artificial	TQ0519087645
Surveillance Water Body No	Length 11.197 km		

Classifications

Time period: Cycle 2 ▾

Classification Item	2013	2014	2015	2016	2019
Ecological	Moderate	Moderate	Moderate	Moderate	Moderate
Physico-chemical quality elements	Moderate	Moderate	Moderate	Moderate	Moderate
Acid Neutralising Capacity		High	High	High	High
Ammonia (Phys-Chem)	High	High	High	High	High
Dissolved oxygen	High	High	High	High	High
Phosphate	Poor	Poor	Poor	Poor	Poor
Temperature	High	High	High	High	High
pH	High	High	High	High	High
Supporting elements (Surface Water)	Good	Good	Moderate	Moderate	Moderate
Mitigation Measures Assessment	Good	Good	Moderate or less	Moderate or less	Moderate or less
Specific pollutants				High	High
Arsenic				High	High
Chromium (VI)					High
Copper					High
Iron				High	High
Zinc					High
Chemical	Good	Good	Good	Good	Fail
Priority hazardous substances	Does not require assessment	Does not require assessment	Does not require assessment	Does not require assessment	Fail
Benzo(a)pyrene					Good
Cadmium and Its Compounds					Good
Dioxins and dioxin-like compounds					Good
Heptachlor and cis-Heptachlor epoxide					Good
Hexabromocyclododecane (HBCDD)					Good
Hexachlorobenzene					Good
Hexachlorobutadiene					Good
Mercury and Its Compounds					Good

Classification Item	2013	2014	2015	2016	2019
Perfluorooctane sulphonate (PFOS)					Good
Polybrominated diphenyl ethers (PBDE)					Fail
Priority substances	Does not require assessment	Does not require assessment	Does not require assessment	Good	Good
Atrazine				Good	Good
Fluoranthene					Good
Lead and Its Compounds				Good	Good
Nickel and Its Compounds					Good
Simazine				Good	Good
Other Pollutants	Does not require assessment	Does not require assessment	Does not require assessment	Does not require assessment	Does not require assessment
pH	High	High	High	High	High

Investigations into classification status

No data to show

Reasons for not achieving good (RNAG) and reasons for deterioration (RFD)

All reasons (RFDs and RNAGs) attributed to the classification elements in this water body.

Reason Type	SWMI	Activity	Category	Classification Element	More information
RNAG	Unknown (pending investigation)	Unknown (pending investigation)	Sector under investigation	Polybrominated diphenyl ethers (PBDE)	Details
RNAG	Diffuse source	Urbanisation - urban development	Urban and transport	Phosphate	Details
RNAG	Point source	Private Sewage Treatment	Urban and transport	Phosphate	Details
RNAG	Point source	Sewage discharge (intermittent)	Water Industry	Phosphate	Details
RNAG	Point source	Sewage discharge (continuous)	Water Industry	Phosphate	Details
RNAG	Point source	Misconnections	Domestic General Public	Phosphate	Details
RNAG	Physical modification	Other (not in list, must add details in comments)	Recreation	Mitigation Measures Assessment	Details

Reasons for not achieving good status by business sector

The issues preventing waters reaching good status and the sectors identified as contributing to them. The numbers in the table are individual counts of the reasons for not achieving good status with a confidence status of 'confirmed' and 'probable', where the latest classification is less than good status. There may be more than one reason in a single water body. Note, table does not include reasons for deterioration.

Significant water management issue	Physical modifications	Pollution from waste water	Pollution from towns, cities and transport	Changes to the natural flow and level of water	Invasive non-native species	Pollution from rural areas	Pollution from abandoned mines
Agriculture and rural land management	0	0	0	0	0	0	0
Industry	0	0	0	0	0	0	0
Mining and quarrying	0	0	0	0	0	0	0
Navigation	0	0	0	0	0	0	0
Urban and transport	0	0	1	0	0	0	0
Water Industry	0	2	0	0	0	0	0
Local & central government	0	0	0	0	0	0	0
Domestic general public	0	0	0	0	0	0	0
Recreation	1	0	0	0	0	0	0
Waste treatment and disposal	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0
No sector responsible	0	0	0	0	0	0	0
Sector under investigation	0	0	0	0	0	0	0
Total	1	2	1	0	0	0	0

Objectives

Classification Item	Status	Year	Reasons
Ecological	Moderate	2015	Disproportionately expensive: Disproportionate burdens; Disproportionately expensive: Unfavourable balance of costs and benefits
Biological quality elements	Not assessed	2015	
Physico-chemical quality elements	Moderate	2015	Disproportionately expensive: Unfavourable balance of costs and benefits
Acid Neutralising Capacity	Good	2015	
Ammonia (Phys-Chem)	Good	2015	
Phosphate	Poor	2015	Disproportionately expensive: Unfavourable balance of costs and benefits
Temperature	Good	2015	
pH	Good	2015	
Hydromorphological Supporting Elements	Not assessed	2015	
Supporting elements (Surface Water)	Good	2027	Disproportionately expensive: Disproportionate burdens
Mitigation Measures Assessment	Good	2027	Disproportionately expensive: Disproportionate burdens
Specific pollutants	Not assessed	2015	

Classification Item	Status	Year	Reasons
Chemical	Good	2015	
Priority hazardous substances	Does not require assessment	2015	
Priority substances	Does not require assessment	2015	
Other Pollutants	Does not require assessment	2015	

Protected areas

No data to show

Monitoring sites

[G.U.C. AT A40, DENHAM](#) 345381

[G.U.C. AT COPPERMILL LANE, HAREFIELD](#) 345383

[G.U.C. ABOVE SPRINGWELL LOCK](#) 345398

[G.U.C. ABOVE TOWPATH FOOTBRIDGE, HAREFIE](#) 345403

Upstream water bodies

Downstream water bodies

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OGL

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