

EPA Water Abstractions Register

The register contains information on water abstractions of 25 cubic metres (25,000 litres) or more per day. It contains abstractions which meet or exceed the registration threshold, every abstraction for which a licence is granted and in force, and all water abstraction licence applications made to the EPA. This information is being published in accordance with Part 4 of the Water Environment (Abstractions and Associated Impoundments) Act 2022.

The register is accessible at <https://leap.epa.ie/abstractions>. Additional information can be

downloaded by clicking [Download Abstraction Points CSV](#) or [Export to CSV](#) tabs which appear at the bottom of the Abstractions Register page.

The table below explains the various data fields as they appear in the abstraction points CSV download.

Abstractions points Data Field	Register Data Field Descriptor
Reg No or Register No	Unique register number for each registered abstraction, licensed abstraction or licence application.
Abstraction Point Code	Unique code for each individual abstraction point. Note that there can be multiple abstraction points within the same waterbody for a single abstraction.
Organisation	Name of organisation operating the abstraction.
Abstraction Point Name	Abstractor's reference point name for their abstraction. This is often the same as the site name, but there may be locally assigned names for individual abstraction points.
Abstraction Name	Where applicable, the abstractor can include the relevant abstraction name
Status	This refers to whether the abstraction is registered, licensed, licence applied, surrendered, etc.
Abstraction Purpose	The main purpose of the abstraction. Valid fields are drinking water, hydropower, agriculture, commercial, industrial, aquaculture, navigation, mining or quarrying, drainage and other.
Other Abstraction Purpose	Where applicable, if the 'abstraction purpose' is selected as 'other', or if there is a secondary abstraction purpose, the purpose of the abstraction can be entered here.
Other legislation	This field details if the abstraction is regulated under legislation other than the Water Environment (Abstractions and Associated Impoundments) Act 2022.
Restrictions exist	If the answer selected to 'Restrictions Exist' is 'true', the registrant /applicant has the option to enter further information on the restriction.
Associated Impoundment with Abstraction	Where the abstraction relies on the presence of an impoundment such as a weir or dam, this information will be available here.
Further info on Restrictions	If the answer selected to 'Restrictions Exist' is 'yes', the registrant has the option to enter further information on the restriction.

Abstraction Type	This is the type of abstraction for each individual abstraction point. Valid fields are groundwater well / borehole, lake, river, groundwater spring, reservoir, estuarine / coastal.
Primary Use	The primary use provides greater detail on what the water abstracted from the abstraction point is used for. There are 35 valid fields that can be entered by the registrant.
Secondary Use	Where applicable, a secondary use provides greater detail on what the water abstracted from the abstraction point is used for. There are 35 valid fields (same as primary use) that can be entered by the registrant.
Maximum Daily Volume Estimate for Abstraction Point (m ³ /d)	This is the maximum daily abstraction volume estimate for an <u>individual abstraction point</u> . The usage can be estimated from the Abstraction Volume Estimator on the EPA website or the usage may be directly measured e.g. with a flow meter. This value is the highest amount of water that would be abstracted in any given day.
Maximum Daily Volume for the Abstraction (m ³ /d)	This is the cumulative maximum daily abstraction volume for <u>all abstraction points</u> in the abstraction.
Total Annual Volume (m ³ /yr)	This is the total annual abstraction volume for the abstraction. Some abstractions are used seasonally and/or are intermittently used and this is the total measured or estimated abstraction volume for the year for the abstraction (i.e. considering all abstraction points).
No. of Abstraction Points	The number of abstraction points making up the abstraction.
County	County where the abstraction point is located, as provided by the registrant.
Townland	Name of townland in which abstraction point is located.
Townland ID	ID of townland in which abstraction point is located.
Waterbody Name	The Waterbody or water feature name associated with the abstraction point.
Waterbody Code	The water body code associated with the abstraction point.
Seasonality (month)	Information is provided where there are seasonal variations in the abstraction rate.
Easting	Easting value (Irish Grid TM65) for the abstraction point that was provided by the registrant. If an abstraction is used for the provision of drinking water / water used for consumption, the abstraction location has been withheld to maintain security of water infrastructure in accordance with EU Directive 2016/1148. If the abstraction is being used by the Department of Defence, the abstraction location has been withheld to maintain security of their water infrastructure.
Northing	Northing value (Irish Grid TM65) for the abstraction point that was provided by the registrant. If an abstraction is used for the provision of drinking water / water used for consumption, the abstraction location has been withheld to maintain security of water infrastructure in accordance with EU Directive 2016/1148. If the abstraction is being used by the Department of Defence, the abstraction location has been withheld to maintain security of their water infrastructure.

The following additional fields appear in the register Export to CSV.

Received date	Date the applicant submitted the abstraction details.
Issued date	Date the registration or final licence was issued.
Open for submissions	A valid licence application has been submitted for consideration by the EPA and is open for submissions from third parties.

Note

When a new abstraction in the range 25 to 1,999 m³/day inclusive is notified to the EPA, it is not published to the register until assigned a registration number by the EPA or, if applicable, a licence application is received.

When a proposed increased abstraction in the range 25 to 1,999 m³/day inclusive is notified to the EPA, the water abstraction register is not be updated until the proposed increase in the abstraction rate is assigned a revised registration number by the EPA or, if applicable, a licence application is received.