

Data dictionary

This spreadsheet combines data downloaded from public information on sewage releases as logged by event duration monitors (EDMs), sortable by constituency or water company, with geographical information on protected habitats downloaded from:

England

- Environment Agency's [EDM data](#)
- [Sites of Special Scientific Interest \(SSSIs\)](#) (last updated January 2023)
- [Special Areas of Conservation \(SAC\)](#) (data updated Feb 2023)
- [Special Protection Areas](#) (Feb 2023)
- [Ramsar Sites](#) (February 2023) are also included in the governments instructions for monitoring the sites (PR24)

Wales

- EDM data was sourced from [Dŵr Cymru / Welsh water](#) website and [Hafren Dyfrdwy](#) (which operates in north and mid Wales)
- [SSSI](#) (latest May 2023)
- [SAC](#) (Latest Nov 2022)
- [SPA](#) (Latest Nov 2022)
- [Ramsar](#) (Latest Nov 2022)

We offered all water companies the opportunity to check our data for accuracy.

The columns are as follows:

Column	Header	Explanation	Data source
A	country	England or Wales	Uearthed
B	UID	Unique ID assigned to each outflow by the Uearthed	Uearthed
C	friendly_id	A simpler unique ID assigned to each outflow by Uearthed	Uearthed
D	water_company	The water company responsible for the outflow	EDM data
E	permitted_site_name	How the site is identified on its Environment Agency permit CSO - combined sewer overflow	EDM data

F	site_name_Wasc_operational_ENGLAND_ONLY	The name used by the water and sewage company for the site	EDM data
G	storm_discharge_asset_type	A description of the type of outflow WWTW - Wastewater Treatment Works PS - pumping station	EDM data
H	Receiving_Water_Environment_common_name	The name of the body of water the outflow discharges into	EDM data
I	shellfish_water	Does the outflow discharge into a shellfish habitat	EDM data
J	bathing_water_ENGLAND_ONLY	Does the outflow discharge into designated bathing waters	EDM data
K	lat	Latitude of the outflow (based on column Q)	Unearthed analysis
L	lon	Longitude of the outflow (based on column Q)	Unearthed analysis
M	Outlet_Discharge_NGR	National Grid Reference location for the outlet	EDM data
N	RAMSAR	Does the outflow discharge into a Ramsar wetland habitat	Unearthed analysis
O	RAMSAR_site_name	Name of the affected Ramsar site	Unearthed analysis
P	SPA	Does the outflow discharge into a Special Protection Area (SPA)	Unearthed analysis
Q	SPA_site_name	Name of the affected SPA	Unearthed analysis
R	SAC	Does the outflow discharge into a Special Area of Conservation (SAC)	Unearthed analysis
S	SAC_site_name	Name of the affected SAC site	Unearthed analysis
T	SSSI	Does the outflow discharge into a Site of Special Scientific Interest (SSSI)	Unearthed analysis
U	SSSI_site_name	Name of the affected SSSI site	Unearthed analysis
V	total_spills_duration_hours	Total number of hours for which sewage spilled into the habitat in 2022	EDM data

W	spill_count	Number of individual incidents of sewage discharge in 2022	EDM data
X	pcon_name	Name of parliamentary constituency the overflow is located in	Unearthed analysis