**Site classification**

**Waste Sites:**

Waste site leachate boreholes

Waste site gas and groundwater monitoring

Waste sites for domestic and industrial landfill

Unspecified waste sites

External standing water at waste sites, including ponds and ditches

Waste site treated effluent

Waste site gas boreholes

Waste site leachate management systems

Waste site surface water monitoring points for landfills

**Trade Discharges:**

Process effluent not associated with water companies

Discharges from mineral workings

Process effluent from water company water treatment works (WTW)

Site drainage contaminating surface water, not at waste sites

General site drainage

Abandoned trade discharges

Cooling water discharges

Unspecified trade discharges

Trade releases to air

**Freshwater Sites**

Non-classified freshwater canals

Freshwater RQO (River Quality Objective) RE1 sites

Comparative inlet points for freshwater

Freshwater land drains

Freshwater lakes, ponds, and reservoirs

Non-classified river points

Unspecified freshwater sites

Freshwater RQO RE2 sites

Freshwater RQO RE3 sites

Freshwater bathing water sites

**Sewage Discharges**

Unspecified sewage discharges by water companies

Crude sewage to further treatment by water companies

Sewage discharges from storm overflow tanks at sewage treatment works (STW), not by water companies

Sewage sludge discharges by water companies

Sewage discharges from storm overflow tanks at STWs by water companies

Final treated effluent not by water companies

Final treated effluent by water companies

Sewage discharges from pumping stations by water companies

Combined unspecified sewage trade discharges

Sewage discharges from sewer storm overflows by water companies

Unspecified sewage discharges not by water companies

Sewage discharges from sewer storm overflows not by water companies

Sewerage system discharges

**Saline Water Sites**

Designated shellfisheries in saline water

Corrected estuarine sites in saline water

Estuary class C sites in saline water

Non-designated bathing beaches in saline water

Estuarine sites for non-bathing shellfish in saline water

Estuary class A sites in saline water

Comparative inlet points in saline water

Designated bathing beaches in saline water

Coastal sites for non-bathing shellfish in saline water

Estuary class B sites in saline water

**Agriculture Sites**

Unspecified agriculture sites

Agriculture site drainage

Fish farming sites not operated by water companies

Fish farming sites operated by water companies

**Miscellaneous Sites**

Environmental sediments

Surface water discharges

Highway drainage discharges

Unspecified environmental sites

Unspecified discharges

Environmental soils

Mine groundwater discharges as raised

**Other Categories**

Pollution investigation points in the environment

Rainwater sites

Unspecified locations

**Minewater Sites**

**Sampling Reason Details-**Total Unique Sampling Reasons: 18

**List of Unique Sampling Reasons:**

Environmental Monitoring (GQA & RE Only)

Waste Monitoring (Operator Self-Monitoring Data)

IPPC/IPC Monitoring (Agency Audit - Permit)

Waste Monitoring (Agency Investigation)

Planned Investigation (Local Monitoring)

IPPC/IPC Monitoring (Operator Self-Monitoring Data)

Planned Investigation (National Agency Policy)

Unspecified at Time of WIMS Load

Statutory Failures (Follow-Ups at Non-Designated Points)

Monitoring (National Agency Policy)

IPPC/IPC Monitoring (Agency Investigation)

Environmental Monitoring Statutory (EU Directives)

Water Quality Operator Self-Monitoring Compliance Data

Compliance Audit (Permit)

Statutory Failures (Follow-Ups at Designated Points)

Monitoring (UK Govt Policy - Not GQA or RE)

Water Quality UWWTD Monitoring Data

Waste Monitoring (Agency Audit - Permit)

**Reason Group Details-**Total Unique Reason Groups: 4

**List of Unique Reason Groups:**

Reactive Environmental Monitoring

Compliance Monitoring

Unknown

Planned Environmental Monitoring

Interpretation

The dataset contains 24 unique values for local\_authority, indicating the different local bodies overseeing water quality across various regions. The unique values are:

CHESHIRE W&CHESTER U

GWYNEDD-GWYNEDD

SIR GAERFYRDDIN-CARMARTHENSHIRE

SIR YNYS MON-ISLE OF ANGLESEY

WRECSAM-WREXHAM

POWYS-POWYS

MERTHYR TUDFUL-MERTHYR TYDFIL

CONWY-CONWY

WORCESTERSHIRE

SIR BENFRO-PEMBROKESHIRE

TORFAEN-TORFAEN

CASNEWYDD-NEWPORT

RHONDDA CYNON TAF-RHONDDA CYNON TAF

ABERTAWE-SWANSEA

PEN Y BONT AR OGWR-BRIDGEND

CAERFFILI-CAERPHILLY

SIR CEREDIGION-CEREDIGION

BLAENAU GWENT-BLAENAU GWENT

CASTELL-NEDD PORT TALBOT-NEATH PORT TALBOT

SIR DDINBYCH-DENBIGHSHIRE

CAERDYDD-CARDIFF

SIR Y FFLINT-FLINTSHIRE

SIR FYNWY-MONMOUTHSHIRE

BRO MORGANNWG-VALE OF GLAMORGAN

UNKNOWN