

Danube River Basin GIS Maps and Layers Documentation

Version 1.4 (2016-08-02)

Introduction

This documentation lists all maps (layer groups) made available in the DanubeGIS and their related layer definitions, fields and domains (code list values).

Layers include final data as published in the Danube River Basin Management Plan 2015 and the Danube Flood Risk Management Plan 2015.

Explanation of columns in the sheets

Sheet Maps

#	Number of the map (reference to the print version)
Map name	Short name of map
Map title	Title of map as in the print version
Map abstract	Description of the map
Layers (Styles)	Layers and styles used in the map (reference to sheet Layers)

Sheet Layers

Layer name	Short name of the layer
Layer title	Title of the layer
Layer abstract	Description of the layer
Visualisation (Styles)	Available styles for visualisation of the layer
Geometry type	Type of the layer geometry
Fields (Properties)	Available fields of the layer (reference to sheet Fields)
Geometry used	Dataset from which the geometry is used or information how geometry is derived
Fields derived from	Datasets from which the fields are taken or derived
Classification (derived from)	Fixed classification or information how the classification is derived
Remarks	Specific information about this layer

Sheet Fields

Layer name	Layer in which the field appears or * if it appears in multiple layers
Field name	Short name of the field (used in shape files)
Field title	Display title of the field
Field description	Description of the field
Domain name	Used domain for code list values (reference to sheet Domains)

Sheet Domains

Domain name	Name of the domain
Code	Available code value
Meaning	Meaning of the related code value

Document usage

This documentation is intended for reference for internal use as well as for public. In the public version, the columns with orange headers in the Layer list will be removed.

#	Map Name	Map Title	Map abstract	Layers (Styles)
1	DRBMP2015.Map01.Overview	DRBD Overview	Danube River Basin District - Base layers and seats of competent authorities	DRBD, City, Danube, River4000, Canals, LWBody100, TWBody, CWBody (=Base layers, used on all maps), CompAuth
2	DRBMP2015.Map02.Ecoregions	Ecoregions	Ecoregions in Danube River Basin District	Ecoregion
3	DRBMP2015.Map03.SWB	Surface Water Bodies	Delineated Surface Water Bodies (SWB Nodes)	RWBody4000, RWBody4000Nodes
4	DRBMP2015.Map04.TGWB	Transboundary Groundwater Bodies	Transboundary Groundwater Bodies of Basin-wide Importance	GWBodyAggr
5	DRBMP2015.Map05.UWWT-Ref	Urban Waste Water Treatment	Urban Wastewater Treatment – Reference Situation 2011/2012	UWWT2012 (UWWT2012)
6	DRBMP2015.Map06.IndustrFacilit-Ref	Main Industrial Facilities	Main Industrial Facilities – Reference Situation 2011/2012	PRTR2012
7a	DRBMP2015.Map07a.Nitrogen-Ref-Total	Nitrogen Ref. Total	Nutrient Pollution, Total from Point and Diffuse Sources - Reference Situation: Nitrogen 2009-2012	NutrientEmissions (Moneris_7a_Nitrogen_Reference_Total)
7b	DRBMP2015.Map07b.Nitrogen-Ref-Rural	Nitrogen Ref. Rural	Nutrient Pollution from Rural Sources – References Situation: Nitrogen 2009-2012	NutrientEmissions (Moneris_7b_Nitrogen_Reference_Rural)
7c	DRBMP2015.Map07c.Nitrogen-Ref-Urban	Nitrogen Ref. Urban	Nutrient Pollution from Urban Sources – References Situation: Nitrogen 2009-2012	NutrientEmissions (Moneris_7c_Nitrogen_Reference_Urban)
8	DRBMP2015.Map08a.Phosphorus-Ref-Total	Phosphorus Ref. Total	Nutrient Pollution, Total from Point and Diffuse Sources - Reference Situation: Phosphorus 2009-2012	NutrientEmissions (Moneris_8a_Phosphorus_Reference_Total)
8b	DRBMP2015.Map08b.Phosphorus-Rural	Phosphorus Rural	Nutrient Pollution from Rural Sources – References Situation: Phosphorus 2009-2012	NutrientEmissions (Moneris_8b_Phosphorus_Reference_Rural)
8c	DRBMP2015.Map08c.Phosphorus-Urban	Phosphorus Urban	Nutrient Pollution from Urban Sources – References Situation: Phosphorus 2009-2012	NutrientEmissions (Moneris_8c_Phosphorus_Reference_Urban)
9	DRBMP2015.Map09.FishMigration	Fish Migration	Alteration of River Continuity for Fish Migration – Current Situation 2015	LongContInterr
10	DRBMP2015.Map10.MorphAlt	Morphological Alterations	Alteration of River Morphology – Current Situation 2015	MorphoAlt
11	DRBMP2015.Map11.WetFloodReconnection	Wetland Floodplain Reconnection	Wetlands/Floodplains (>500 ha) with Reconnection Potential	LatConnInterr

#	Map Name	Map Title	Map abstract	Layers (Styles)
12	DRBMP2015.Map12.HydroAlt-Impound	Hydrological Alterations - Impoundments	Hydrological Alterations – Impoundments: Reference Situation 2015 (the exact location of any individual Impoundment is not visualised)	HydroAltImp
13	DRBMP2015.Map13.HydroAlt-WaterAbs	Hydrological Alterations - Water Abstractions	Hydrological Alterations - Water Abstractions: Reference Situation 2015	HydroAltAbs
14	DRBMP2015.Map14.HydroAlt-Hpeak	Hydrological Alterations - Hydropeaking	Hydrological Alterations – Hydropeaking: Reference Situation 2015	HydroAltHPeak
15	DRBMP2015.Map15.FIP	Future Infrastructure Projects	Future Infrastructure Projects (FIP)	FIPProject
16	DRBMP2015.Map16.JDS3-IAS-MZB	Invasive Alien Species - Macroinvertebrates	Site-specific Biological Contamination (SBC) Index of Invasive Alien Species on JDS 3 Sites: Macroinvertebrates	JDS3_MZB_Index
17	DRBMP2015.Map17.JDS3-IAS-Fish	Invasive Alien Species - Fish	Site-specific Biological Contamination (SBC) Index of Invasive Alien Species observed in JDS3: Fish	JDS3_FISH_Index
18	DRBMP2015.Map18.PAs	Protected Areas	Water-related Protected Areas	PA_Bird, PA_Habitat, PA_Other
19	DRBMP2015.Map19.TNMN-SW	Transnational Monitoring Network SW	Transnational Monitoring Network – Surface Waters	SWStn
20	DRBMP2015.Map20.HM-Artificial-SWB	Heavily Modified and Artificial SWB	Heavily Modified and Artificial Surface Water Bodies	SWB_Status (Heavily Modified and Artificial)
21	DRBMP2015.Map21.EcoStatusPot-SWB	Ecological Status and Potential of SWB	Ecological Status and Ecological Potential of Surface Water Bodies	SWB_Status (Ecological Status/Potential)
22a	DRBMP2015.Map22a.ChemStatus PS-SWB	Chemical Status of SWB (PS)	Chemical Status of Surface Water Bodies (priority substances in water)	SWB_Status (Chemical Status)
22b	DRBMP2015.Map22b.ChemStatus HgBiot	Chemical Status of SWB (Hg in biota)	Chemical Status of Surface Water Bodies (mercury in biota)	SWB_Status (Chemical Status_Hg)
23	DRBMP2015.Map23.QuantStatus-GWB	Quantitative Status GWB	Quantitative Status of Groundwater Bodies of Basin-wide Importance	GWB_Status (Quantitative Status)
24	DRBMP2015.Map24.ChemStatus-GWB	Chemical Status GWB	Chemical Status of Groundwater Bodies of Basin-wide Importance	GWB_Status (Chemical Status)
25	DRBMP2015.Map25.Exempt-SWB	Exemptions SWB	Exemptions According to EU WFD Articles 4(4) and 4(5) – Surface Water Bodies	SWB_Status (Exemptions)
26	DRBMP2015.Map26.Exempt-GWB	Exemptions GWB	Exemptions According to EU WFD Articles 4(4) and 4(5) – Groundwater Bodies	GWB_Status (Exemptions)
27	[not available]	Hydropower Plants – Reference Situation 2012		[not available]

#	Map Name	Map Title	Map abstract	Layers (Styles)
28	DRBMP2015.Map28.UWWT-Base	Urban Wastewater Treatment - Baseline Scenario	Status of Urban Wastewater Treatment – Baseline Scenario 2021	UWWT2012 (UWWT_Base)
29	DRBMP2015.Map29.UWWT-Mid	Urban Wastewater Treatment - Midterm Scenario	Status of Urban Wastewater Treatment – Midterm Scenario	UWWT2012 (UWWT_Midterm)
30	DRBMP2015.Map30.UWWT-Vis	Urban Wastewater Treatment - Vision Scenario	Status of Urban Wastewater Treatment – Vision Scenario	UWWT2012 (UWWT_Vision)
31	DRBMP2015.Map31.NVZ	Nitrates Vulnerable Zones	Nitrates Vulnerable Zones – Reference Situation 2012 (provided in accordance with the requirements of the EU Nitrates Directive)	NVZ
32a	DRBMP2015.Map32a.Nitrogen-Base-Total	Nitrogen Baseline Total	Nutrient Pollution, Total from Point and Diffuse Sources - Baseline Scenario 2021: Nitrogen	NutrientEmissions
32b	DRBMP2015.Map32b.Nitrogen-Base-Rural	Nitrogen Baseline Rural	Nutrient Pollution from Rural Sources – Baseline Scenario 2021: Nitrogen	NutrientEmissions
32c	DRBMP2015.Map32c.Nitrogen-Base-Urban	Nitrogen Baseline Urban	Nutrient Pollution from Urban Sources – Baseline Scenario 2021: Nitrogen	NutrientEmissions
33a	DRBMP2015.Map33a.Phosphorus-Base-Total	Phosphorus Baseline Total	Nutrient Pollution, Total from Point and Diffuse Sources - Baseline Scenario 2021: Phosphorus	NutrientEmissions
33b	DRBMP2015.Map33b.Phosphorus-Base-Rural	Phosphorus Baseline Rural	Nutrient Pollution from Rural Sources – Baseline Scenario 2021: Phosphorus	NutrientEmissions
33c	DRBMP2015.Map33c.Phosphorus-Base-Urban	Phosphorus Baseline Urban	Nutrient Pollution from Urban Sources – Baseline Scenario 2021: Phosphorus	NutrientEmissions
34	DRBMP2015.Map34.ContinuityInter-Improv	Fish Migration - Improvements by 2021	Alteration of River Continuity for Fish Migration – Expected Improvements by 2021	LongContInterr Measures
35	DRBMP2015.Map35.ContinuityInter-EcoPrio	Ecological Prioritisation - Continuity Restoration	Ecological Prioritisation Regarding Restoration Measures for River and Habitat Continuity	LongContInterrEcoPrio
36	DRBMP2015.Map36.MorphAlt-Measures	Morphological Alterations - Improvements by 2021	Alterations of River Morphology – Expected Improvements by 2021	MorphoAlt_Improvements
37	DRBMP2015.Map37.HydroAlt-Measures	Hydrological Alterations - Improvements by 2021	Hydrological Alterations – Expected Improvements by 2021	HydroAltMeas_Improvements

#	Map name	Map title	Map abstract	Layers (Styles)
Fig4	DFRMP2015.Fig4.PFRA	Preliminary Flood Risk Assessment (PFRA)	Preliminary Flood Risk Assessment (PFRA) in the Danube River Basin District	DRBD, City, Danube, River4000, Canals, LWBody100, TWBody, CWBody (=Base layers, used on all maps), APSFR
Fig5	DFRMP2015.Fig5.WGStn	Main Water Gauging Stations	Stations for Water levels monitoring in Danube River Basin District, that have records for at least 5 years or longer	WGStn
1	DFRMP2015.Map01.FloodHazardAreas	Flood Hazard Areas	Flood Hazard and Flooding Scenarios in the Danube River Basin District	FloodHazardAreas
5a	DFRMP2015.Map05a.FloodRiskPA	Flood Risk and WFD Protected Areas	Flood Hazard Areas with low probability related to rivers with catchments >4000km ² that overlap water-related protected areas in the Danube River Basin District	FloodRiskPA

Layer name	Layer title	Layer abstract	Visualisation (Styles)	Geometry type	Fields (Properties)
LongContInterr	Alteration of River Continuity for Fish Migration	River Continuity Interruptions (dams, weirs) on rivers with catchment area >4000km ² in the DRBD. Anthropogenic interruptions (rithral >0.7m height, potamal >0.3m height).	Fish_Migration, LongContInterr_Measures	Line	COUNTRY, EUCD_LO_IN, NAME, REPORT_TYP, LO_IN_TYPE, US_LO_IN_1, WAT_L_DIFF, FISH_AID, CONT_MEAS, EUCD_RIV, RIV_NAME, EUCD_RWB, RWB_NAME
APSF	Areas of Potential Significant Flood Risk	Areas of Potential Significant Flood Risk represented as polygons for areas >=100km ² , as lines for river stretches >=50km, and as points for areas <100km ² and river stretches <50km	default	Polygon, Line and Point	COUNTRY, NAME, EUCD_APSFR, TRANSBOUND
PA_Bird	Bird Protection Areas	Water-relevant bird protection (>500ha) areas in the DRBD	default	Polygon	COUNTRY, EUCD_PA_B, NAME, PROT_TYPE, AREAKM2
Canal	Canals	(National parts of) canals in the DRBD	default	Line	COUNTRY, EUCD_RIV, NAME, ALTNAME1, ALTNAME2, RIV_CAT, BASIN_CAT, LENGTH_KM
City	Cities	Cities >100,000 inhabitants in the DRBD	default	Point and Polygon	COUNTRY, NAME, EUCD_CITY, INHAB_CAT
CWBody	Coastal Water Bodies	(National parts of) coastal water bodies as defined for the DRBD	default	Polygon	COUNTRY, EUCD_CWB, NAME, AREAKM2
CompAuth_Seats	Competent Authorities Seats	Seats of competent authorities for the DRBD	default	Point	COUNTRY, EUCD_AUTH, NAME, AE_LEVEL, ADDRESS, AUTH_EUWFD, EUCD_CITY
Danube	Danube River	(National parts of) the Danube river	default	Line	COUNTRY, EUCD_RIV, NAME, ALTNAME1, ALTNAME2, RIV_CAT, BASIN_CAT, LENGTH_KM
DRBD	Danube River Basin District	Danube River Basin District (DRBD) in GCS ETRS 1989 coordinates	default (=based on report map)	Polygon	NAME="Danube River Basin District"
River4000	Danube river tributaries with catchment area > 4,000 km ²	(National parts of) Danube river tributaries with catchment area >4000km ² in the DRBD	default	Line	COUNTRY, EUCD_RIV, NAME, ALTNAME1, ALTNAME2, RIV_CAT, BASIN_CAT, LENGTH_KM

Layer name	Layer title	Layer abstract	Visualisation (Styles)	Geometry type	Fields (Properties)
RWBody4000	Delineated River Water Bodies	Delineated river water bodies of rivers with catchment area >4000km ² in the DRBD	default	Line	COUNTRY, EUCD_RWB, RWB_NAME, EUCD_RIV, RIV_NAME, CANAL, RKM_FROM, RKM_TO, LENGTH_KM
LongContInterr_Eco Prio	Ecological Prioritisation of Continuity Restoration	Ecological Prioritisation Regarding Restoration Measures for River and Habitat Continuity. The ecological prioritisation approach (Part A) is not meant to substitute the similar national approaches, but to outline the basin-wide perspective. Low restoration priority indicated on the basin-wide level does not imply that no measures should be undertaken on the national level, as all fish species need open river continuity. On the other hand, ecological prioritisation is only one of the many aspects in deciding which measures to adopt and implement. Final decision will be taken at the national level.	default	Point	EUCD_LO_IN, PRIORITY, FP_LDM
Ecoregion	Ecoregions	(National parts of) ecoregions in the DRBD	default	Polygon	COUNTRY, ECOREG_CD, NAME
FloodHazardAreas	Flood Hazard Areas	Flood Hazard Areas related to rivers with catchments >4000km ²	default	Polygon, Line and Point	COUNTRY, EUCD_FHA, NAME, SCENARIO, RECURRENCE, REMARKS
FloodRiskPA	Flood Risk and WFD Protected Areas	Flood Hazard Areas with low probability related to rivers with catchments >4000km ² that overlap water-related protected areas.	default	Polygon, Line and Point	EUCD_FHA, NAME

Layer name	Layer title	Layer abstract	Visualisation (Styles)	Geometry type	Fields (Properties)
FIPProject	Future Infrastructure Projects	Future infrastructure projects inducing hydromorphological alterations on rivers with catchment area >4000km ² in the DRBD. Addresses flood protection, hydropower, navigation and other river engineering projects (officially planned and approved projects under implementation), exemptions (WFD Art. 4.7).	default	Line and Polygon	COUNTRY, EUCD_FIP, NAME, PROJ_STAT, YR_STAR_IM, FI_PURP_1, DESCR_PR, EXP_DETER, TRANS_IMP, SEA, EIA, EXEMP, EUCD_BODY
PA_Habitat	Habitat Protection Areas	Water-relevant habitat protection areas (>500ha) in the DRBD	default	Polygon	COUNTRY, EUCD_PA_H, NAME, PROT_TYPE, AREAKM2
HydroAltMeas	Hydrological Alterations – Expected Improvements by 2021	Expected improvements in water bodies affected by hydrological alterations (impoundments, water abstraction, hydropeaking) on rivers with catchment area >4000km ² in the DRBD	default	Line	COUNTRY, EUCD_RWB, RWB_HAMEAS, EUCD_RIV, RIV_NAME, RWB_NAME
PRTR2012	Industrial Facilities	Main Industrial Facilities (by Sectors) reported to PRTR in 2012	default	Point	COUNTRY, EUCD_FACIL, MISEC_CD
LWBody100	Lake Water Bodies	(National parts of) lake water bodies with surface area >100km ² in the DRBD	default	Polygon	COUNTRY, EUCD_LWB, NAME, AREAKM2, LAKE_SIZE

Layer name	Layer title	Layer abstract	Visualisation (Styles)	Geometry type	Fields (Properties)
WGStn	Main Water Gauging Stations	Stations for Water levels monitoring in Danube River Basin District, that have records for at least 5 years or longer	default	Point	COUNTRY, NAME, EUCD_WGST
MorphoAlt	Morphological alterations	Morphological assessment on rivers with catchment area >4000km ² in the DRBD	MorphoAlt, MorphoAlt_Improvements	Line	COUNTRY, EUCD_RWB, REPORT_TYP, MORPH_COND, MORPH_MEAS, EUCD_RIV, RIV_NAME, RWB_NAME, IS_DANUBE
NVZ	Nitrates Vulnerable Zones	Nitrates Vulnerable Zones, provided by the countries under the European Commission's reporting requirements for the EU Nitrates Directive	default	Polygon	COUNTRY, DES_APPR
RWBody4000Nodes	Nodes of delineated River Water Bodies	Nodes of delineated river water bodies of rivers with catchment area >4000km ² in the DRBD	default	Point	EUCD_RWB, NODE_TYPE
Moneris	Nutrient emissions (MONERIS model)	Nutrient emissions from point and diffuse sources, entering the surface water bodies from catchment areas. Calculation was implemented using the MONERIS model (Venhor et al. 2011) developed by the IGB Berlin	Moneris_7a_Nitrogen_Reference_Total, Moneris_7b_Nitrogen_Reference_Rural, Moneris_7c_Nitrogen_Reference_Urban, Moneris_8a_Phosphorus_Reference_Total, Moneris_8b_Phosphorus_Reference_Rural, Moneris_8c_Phosphorus_Reference_Urban	Polygon	COUNTRY, AU_ID, N_RUR_S_BL, N_RUR_S_RE, N_TOT_S_BL, N_TOT_S_RE, N_URB_S_BL, N_URB_S_RE, P_RUR_S_BL, P_RUR_S_RE, P_TOT_S_BL, P_TOT_S_RE, P_URB_S_BL, P_URB_S_RE
PA_Other	Other water-relevant Protection Areas	Other water-relevant nature protection areas (>500ha) in the DRBD	default	Polygon	COUNTRY, EUCD_PA_O, NAME, PROT_TYPE, AREAKM2
RBD	River Basin Districts	(National parts of the) Danube River Basin District	default	Polygon	COUNTRY, EUCD_RBD, NAME, AREAKM2

Layer name	Layer title	Layer abstract	Visualisation (Styles)	Geometry type	Fields (Properties)
HydroAltHPeak	River water bodies affected by hydropeaking	Hydrological alterations - Hydropeaking on rivers with catchment area >4000km ² in the DRBD. Water level fluctuation >1m/day or even less in the case of known/observed negative significant effects on biology.	default	Line	COUNTRY, EUCD_RWB, REPORT_TYP, HYD_PEAK, HPEAK_RES, HPEAK_MEA, EUCD_RIV, RIV_NAME, RWB_NAME
HydroAltImp	River water bodies affected by impoundments	Hydrological alterations - Impoundments on rivers with catchment area >4000km ² in the DRBD. Length (during low flow conditions) >10 km on Danube and >1 km on tributaries.	default	Line	COUNTRY, EUCD_RWB, REPORT_TYP, LENGTH_IMP, IMP_REST, IMP_MEAS, EUCD_RIV, RIV_NAME, RWB_NAME
HydroAltAbs	River water bodies affected by significant water abstraction	Hydrological alterations - Significant water abstraction on rivers with catchment area >4000km ² in the DRBD	default	Line	COUNTRY, EUCD_RWB, REPORT_TYP, RES_WA_DIS, ABSTR_US_1, ABSTR_US_2, ABSTR_US_3, ABSTR_REST, ABSTR_MEAS, EUCD_RIV, RIV_NAME, RWB_NAME
JDS3_IAS_Fish	SBC index of Invasive Alien Species - Fish	Site-specific Biological Contamination (SBC) index of Invasive Alien Species (IAS) observed in JDS3 (index reflects the relative abundance of the IAS Fish)	default	Point	LOC_NAME, RIVER_KM, SBC_INDEX
JDS3_IAS_MZB	SBC index of Invasive Alien Species - Macroinvertebrates	Site-specific Biological Contamination (SBC) index of Invasive Alien Species (IAS) observed in JDS3 (index reflects the relative abundance of the IAS Macroinvertebrates)	default	Point	STATION_CD, LOC_NAME, RIVER_KM, SBC_INDEX

Layer name	Layer title	Layer abstract	Visualisation (Styles)	Geometry type	Fields (Properties)
SWB	Status Assessment of Surface Water Bodies	Natural, Heavily Modified and Artificial Surface Water Bodies. Addresses ecological status and potential, chemical status and exemptions (WFD Art. 4.4, 4.5) of surface water bodies in the DRBD	SWB_HMWB, SWB_Eco_Status, SWB_Chem_Status, SWB_Exempt	Line and Polygon	COUNTRY, EUCD_BODY, BODY_TYPE, NAME, IS_DANUBE, STATUS_YR, ARTIFICIAL, MODIFIED, CHEM_STAT, CONF_CHEM, CHEM_STAT_HG, CONF_CHEM_HG, ECO_STAT, CONF_ECOST, ECO_POT, CONF_ECOPO, FISH, BEN_INV, PHYTO, MAC_PHYTO, MAC_ALGAE, ANGIO, HYMO, GEN_COND, SPEC_POLL, GOOD_STATUS, EXEMPT_4, EXEMPT_5, EUCD_RIV, RIV_NAME, CANAL, RKM_FROM, RKM_TO, LENGTH_KM, AREAKM2
GWB	Status Assessment of Transboundary Groundwater Bodies	Status assessment of aggregated transboundary groundwater bodies >4000km ² or of basin-wide importance in the DRBD	GWB_Quant_Status, GWB_Chem_Status, GWB_Exempt	Polygon	EUCD_TGWB, EUCD_AGWB, NAME, AREAKM2, MONIT_DENS, STATUS_YR, QUANT_STAT, CONF_QUANT, CHEM_STAT, CONF_CHEM, EXEMPT_4, EXEMPT_5
SWStn	Surface Water Monitoring Stations	Surface water monitoring stations of operational monitoring and surveillance monitoring 1 and 2 on rivers with catchment area >4000km ² in the DRBD	default	Point	COUNTRY, EUCD_SWST, NAME, TNMN_CD, OPERAT, SURVEIL, ICPDR_SURV, EUCD_BODY
GWBodyAggr	Transboundary Groundwater Bodies	Transboundary aggregated groundwater bodies >4000km ² or of basin-wide importance in the DRBD	default	Polygon	EUCD_TGWB, EUCD_AGWB, NAME, AREAKM2, MONIT_DENS
TWBody	Transitional Water Bodies	(National parts of) transitional water bodies as defined for the DRBD	default	Polygon	COUNTRY, EUCD_TW, NAME, AREAKM2
UWWT2012	Urban Wastewater Treatment	Urban Wastewater Treatment	UWWT2012_Ref, UWWT2012_Base, UWWT2012_Midterm, UWWT2012_Vision	Point	REP_CODE, AGGL_CODE, GEN_LOAD_C, REF_TTYPE, REF_COL80, BAS_TTYPE, BAS_COL80, MID_TTYPE, MID_COL80, VIS_TTYPE, VIS_COL80

Layer name	Layer title	Layer abstract	Visualisation (Styles)	Geometry type	Fields (Properties)
LatConnInterr	Wetlands/floodplains with reconnection potential	Disconnected wetlands and former floodplains (>500ha or of basin-wide significance) with potential for reconnection on rivers with catchment area >4000km ² in the DRBD	default	Polygon	COUNTRY, EUCD_LA_IN, NAME, REPORT_TYP, SIZE_LA_IN, LAT_C_REST, LAT_C_MEAS, EUCD_RIV, RIV_NAME, EUCD_RWB, RWB_NAME

Layer name	Field name	Field title	Field description	Domain name
*	ALTNAME1	Name alias 1	Alias 1 of the river or canal, e.g. other writing or foreign name for river or canals at border	
*	ALTNAME2	Name alias 2	Alias 2 of the river or canal	
*	AREAKM2	Area (km ²)	Area in square kilometers	
*	BASIN_CAT	Basin size	Basin size category of river or canal	BasinRiver Domain
*	CANAL	Canal	Indication of a canal	YNUndefined Domain
*	COUNTRY	Country	Country Code	ISO3166_CD
*	EUCD_AGWB	AGWB code	International code for an aggregated groundwater body	
*	EUCD_CITY	City code	International code for the city	
*	EUCD_RIV	River code	International code of river or canal	
*	EUCD_RWB	RWB code	International code for a river waterbody	
*	EUCD_TGWB	TGWB code	Internationally agreed code for a transboundary groundwater body	
*	EXEMPT_4	Exemption 4.4	Usage of extended deadline (2021/2027)	YNUndefined Domain
*	EXEMPT_5	Exemption 4.5	Usage of less stringent objectives (2021/2027)	YNUndefined Domain
*	LENGTH_KM	Length (km)	Length in km	
*	MONIT_DENS	Monitoring density	Monitoring density class	MonitoringDensity Domain
*	NAME	Name	Locally used name	
*	PROT_TYPE	Type	Category of the protected area	ProtArea Domain
*	REPORT_TYP	Report type	Type of report (EU WFD Art. 5 or 13)	ReportType Domain
*	REPORT_YR	Report year	Reporting year	
*	RIV_CAT	Category	Indication of rivers or canals with special importance on RBD or sub-Basin level	River_cat Domain
*	RIV_NAME	River name	River name	
*	RIVER_KM	River-km	River kilometer	
*	RKM_FROM	Lower River-km	Lower river km of the segment	
*	RKM_TO	Higher River-km	Higher river km of the segment	
*	RWB_NAME	Waterbody name	Name of the Waterbody	
*	STATUS_YR	Report year	Year of reporting	
APSFR	EUCD_APSFR	Unique code for the APSFR	Unique code for the Area of Potential Significant Flood Risk	
APSFR	TRANSBOUND	Transboundary	Transboundary Area of Potential Significant Flood Risk	YNUndefined Domain
City	CITY_INHAB	Inhabitants	Number of inhabitants of the city	
City	INHAB_CAT	Category	Category for the number of inhabitants of the city	Inhab_Cat Domain
City	MSCD_CITY	National city code	National code for the city	
CompAuth	ADDRESS	Address	Correspondence Address	
CompAuth	AE_LEVEL	Level	Level of administrative entity	AE_Type Domain
CompAuth	AUTH_EUWFD	WFD Authority	Competent authority for implementation of EU Water Framework Directive	YesNo Domain
CompAuth	EUCD_AUTH	Authority code	International code for the competent authority	

Layer name	Field name	Field title	Field description	Domain name
CWBody	EUCD_CWB	CWB code	International code for a coastal waterbody	
Ecoregion	ECOREG_CD	Ecoregion	Ecoregions as specified in EU WFD Annex XI	EcoReg Domain
FIPProject	DESCR_PR	Description	Description (key words)	
FIPProject	EIA	EIA	Environmental Impact Assessment	EnviroAssessment Domain
FIPProject	EUCD_BODY	WB code	International code of water body to which the project belongs	
FIPProject	EUCD_FIP	FIP code	International code for the future infrastructure project	
FIPProject	EXEMP	Exemption 4.7	ExemptionsArt4.7: Overriding public interest, alternatives checked, mitigation measures (in case of approval)	YesNo Domain
FIPProject	EXP_DETER	Waterbody deterioration	Expected deterioration of the waterbody status (ecological, chemical status and hydromorphological conditions), in case of approval	YesNo Domain
FIPProject	FI_PURP_1	Main purpose	First (main) purpose	FIPurp Domain
FIPProject	PROJ_STAT	Project status	Project status	ProjectStatus Domain
FIPProject	SEA	SEA	Strategic Environmental Assessment	EnviroAssessment Domain
FIPProject	TRANS_IMP	Transboundary impact	Expected trans-boundary impact	YesNo Domain
FIPProject	YR_STAR_IM	Implementation start	Year of start of implementation	ExceptionType Domain
GWB_Status	CONF_QUANT	Confidence Quant. Status	Confidence Level Quantitative Status	Conf_Level Domain
GWB_Status	QUANT_STAT	Quant. Status	Quantitative Status	Status Domain
GWBody_Aggr	EUCD_AGWB	AGWB code	Unique Code of National part of Transboundary Groundwater Body	
GWBody_Aggr	MONIT_DENS	Monitoring density	Density of monitoring stations in the Transboundary Groundwater Body	MonitoringDensity Domain
GWBody_Aggr	EUCD_TGWB	TGWB code	Code of Transboundary Groundwater Body	
HydroAltAbs	ABSTR_MEAS	Measure implementation (by 2021)		Measure2015Exempt Domain
HydroAltAbs	ABSTR_REST	Restoration measures implemented for achievement of GES/GEP now or by 2015		MeasureImplementation Domain
HydroAltAbs	ABSTR_US	Water abstraction usage		WaterAbstract Domain
HydroAltAbs	RES_WA_DIS	Flow below abstraction point <50% of mean annual minimum flow in a specific time period (comparable with Q95)		YNUknown Domain
HydroAlthPeak	HPEAK_MEA	Measure implementation (by 2021)		Measure2015Exempt Domain
HydroAlthPeak	HPEAK_RES	Restoration measures implemented for achievement of GES/GEP now or by 2015		MeasureImplementation Domain
HydroAlthPeak	HYD_PEAK	Water level fluctuation >1m/day		YNUknown Domain

Layer name	Field name	Field title	Field description	Domain name
HydroAltMeas	RWB_HAMEAS	Measure implementation (by 2021)		
JDS3_IAS_Fish	LOC_NAME	Location name		
JDS3_IAS_Fish	SBC_INDEX	SBC Index	Site-specific Biological Contamination (SBC) Index of Invasive Alien Species: FISH	
JDS3_IAS_Fish	STATION_CD	Station code	Unique code of the JDS 3 station	
JDS3_IAS_MZB	LOC_NAME	Location name		
JDS3_IAS_MZB	SBC_INDEX	SBC Index	Site-specific Biological Contamination (SBC) Index of Invasive Alien Species: Macroinvertebrates	
JDS3_IAS_MZB	STATION_CD	Station code	Unique code of the JDS 3 station	
LatConnInterr	EUCD_LA_IN	Internat. code	International code for the disconnected wetland/floodplain	
LatConnInterr	LAT_C_MEAS	Measure implementation	Measure implementation (by 2021)	Measure2015Exempt Domain
LatConnInterr	LAT_C_REST	Connectivity restored	Lateral connectivity restored already or by 2015	LatConMeasImpl Domain
LatConnInterr	SIZE_LA_IN	Size (ha)	Absolute value in ha	
LongContInterr	CONT_MEAS	Measure implementation	Measure implementation (by 2021)	Measure2015Exempt Domain
*	EUCD_LO_IN	Continuity Interruption code	International code for the longitudinal continuity interruption	
LongContInterr	FISH_AID	Fish migration aid	Properly working fish migration aid (bypass, fish ladder)	FishAid Domain
LongContInterr	LO_IN_TYPE	Type	Type of the Longitudinal Continuity Interruption	LongContInterrType Domain
LongContInterr	US_LO_IN_1	Main usage	First (main) usage	LongContIntUsage Domain
LongContInterr	WAT_L_DIFF	Water level difference	Water level difference upstream/downstream at interruption rounded to full meters	
LongContInterrEcoPrio	PRIORITY	Priority	Ecological prioritisation regarding restoration measures for river and habitat continuity	
LongContInterrEcoPrio	FP_LDM	Fish pass habitat	Whether this is a MDM fish pass in LDM/MDM habitat or a fish pass in MDM habitat or in headwaters	FishPassHabit Domain
LWSeg	EUCD_LWB	Lake waterbody code	Unique code of lake waterbody	
LWSeg	LAKE_SIZE	Lake size class	Size class of the whole lake (in case tranboundary: sum of the size of the national parts)	SizeL Domain
MorphAlt	MORPH_COND	Morphological condition	Morphological condition of the water body.	MorphCond Domain
Moneris	AU_ID	Analytical unit identifier	Unique identifier of the analytical unit	
Moneris	N_RUR_S_BL	BASELINE - Nitrogen Pollution (Rural) in kg N/ha/year	Nutrient Pollution (from Rural Sources) - Baseline Scenario 2021: Nitrogen in kg N/ha/year	
Moneris	N_RUR_S_RE	REFERENCE - Nitrogen Pollution (Rural) in kg N/ha/year	Nutrient Pollution (from Rural Sources) - Reference Situation (2009 - 2012): Nitrogen in kg N/ha/year	
Moneris	N_TOT_S_BL	BASELINE - Nitrogen Pollution (Total) in kg N/ha/year	Nutrient Pollution (Total from Point and Diffuse Sources) - Baseline Scenario 2021: Nitrogen in kg N/ha/year	
Moneris	N_TOT_S_RE	REFERENCE - Nitrogen Pollution (Total) in kg N/ha/year	Nutrient Pollution (Total from Point and Diffuse Sources) - Reference Situation (2009 - 2012): Nitrogen in kg N/ha/year	
Moneris	N_URB_S_BL	BASELINE - Nitrogen Pollution (Urban) in kg N/ha/year	Nutrient Pollution (from Urban Sources) - Baseline Scenario 2021: Nitrogen in kg N/ha/year	

Layer name	Field name	Field title	Field description	Domain name
Moneris	N_URB_S_RE	REFERENCE - Nitrogen Pollution (Urban) in kg N/ha/year	Nutrient Pollution (from Urban Sources) - Reference Situation (2009 - 2012): Nitrogen in kg N/ha/year	
Moneris	P_RUR_S_BL	BASELINE - Phosphorus Pollution (Rural) in g P/ha/year	Nutrient Pollution (from Rural Sources) - Baseline Scenario 2021: Phosphorus in g P/ha/year	
Moneris	P_RUR_S_RE	REFERENCE - Phosphorus Pollution (Rural) in g P/ha/year	Nutrient Pollution (from Rural Sources) - Reference Situation (2009 - 2012): Phosphorus in g P/ha/year	
Moneris	P_TOT_S_BL	BASELINE - Phosphorus Pollution (Total) in g P/ha/year	Nutrient Pollution (Total from Point and Diffuse Sources) - Baseline Scenario 2021: Phosphorus in g P/ha/year	
Moneris	P_TOT_S_RE	REFERENCE - Phosphorus Pollution (Total) in g P/ha/year	Nutrient Pollution (Total from Point and Diffuse Sources) - Reference Situation (2009 - 2012): Phosphorus in g P/ha/year	
Moneris	P_URB_S_BL	BASELINE - Phosphorus Pollution (Urban) in g P/ha/year	Nutrient Pollution (from Urban Sources) - Baseline Scenario 2021: Phosphorus in g P/ha/year	
Moneris	P_URB_S_RE	REFERENCE - Phosphorus Pollution (Urban) in g P/ha/year	Nutrient Pollution (from Urban Sources) - Reference Situation (2009 - 2012): Phosphorus in g P/ha/year	
NVZ	DES_APPR	Designation approach	Nitrates Vulnerable Zones Designation approach	NVZ Domain
MorphAlt	MORPH_MEAS	Measure implementation (by 2021)		Measure2015Exempt Domain
PA_Bird	EUCD_PA_B	Bird protected area code	Unique code for a bird protected area at EU level	
PA_Habitat	EUCD_PA_H	Habitat protected area code	Unique code for a habitat protected area at EU level	
PA_Other	EUCD_PA_O	Other protected area code	Unique code for a other protected area	
PRTR2012	EUCD_FACIL	European Facility ID	European code to identify the facility	
PRTR2012	MIASEC_CD	Main Industrial Activity Sector		PRTR_IASector Domain
RWBody4000Nodes	NODE_TYPE	River water body node type		WBNodeType Domain
SWB	BODY_TYPE	Water body type		WBType Domain
SWB	ANGIO	Angiosperms		ClassificationBQE Domain
SWB	ARTIFICIAL	Artificial waterbody		YesNo Domain
SWB	BEN_INV	Benthic Invertebrates		ClassificationBQE Domain
SWB	CHEM_STAT	Chemical Status - Water		ChemStatus Domain
SWB	CHEM_STAT_HG	Chemical Status - Hg Biota		
SWB	CONF_CHEM	Confidence Level of Chemical Status - Water		Conf_Level Domain
SWB	CONF_CHEM_HG	Confidence Level of Chemical Status - Hg Biota		
SWB	CONF_ECOPO	Confidence Level of Ecological Potential		Conf_Level Domain
SWB	CONF_ECOST	Confidence Level of Ecological Status		Conf_Level Domain
SWB	ECO_POT	Ecological Potential		EcologicalPotential Domain
SWB	ECO_STAT	Ecological Status		ClassificationStatus Domain
SWB	FISH	Fish		ClassificationBQE Domain
SWB	GEN_COND	General Physico Chemical Conditions		ClassificationStatus Domain
SWB	HYMO	Hydromorphology		ClassificationHymo Domain

Layer name	Field name	Field title	Field description	Domain name
SWB	MAC_ALGAE	Macroalgae		ClassificationBQE Domain
SWB	MAC_PHYTO	Macrophytes Phytobenthos		ClassificationBQE Domain
SWB	MODIFIED	Heavily modified waterbody		HMWB Domain
SWB	PHYTO	Phytoplankton		ClassificationBQE Domain
SWB	SPEC_POLL	Specific Pollutants		ChemStatus Domain
SWStn	EUCD_SWST	International code for the SW station		
SWStn	ICPDR_SURV	Surveillance programme of the ICPDR of specific pressures (=SM2)		YNUndknown Domain
SWStn	OPERAT	Operational station type		YNUndknown Domain
SWStn	SURVEIL	Surveillance station type (=SM1)		YNUndknown Domain
SWStn	TNMN_CD	TNMN Code		
TWBody	EUCD_TWB	International TWB code	International code for the transitional water body	
UWWT2012	REP_CODE	Report code		
UWWT2012	AGGL_CODE	Agglomeration code	Unique code of the agglomeration	
UWWT2012	GEN_LOAD_C	Generated Load (PE) class	Generated Load of agglomeration - Population Equivalent (PE)	GenLoadClass Domain
UWWT2012	REF_TTYPE	REFERENCE - Treatment type	Highest technical level of UWW treatment (REFERENCE situation 2011/2012)	
UWWT2012	REF_COL80	REFERENCE - Collection rate >= 80%	Highest technical level of treatment affects >80% of the collected wastewater (REFERENCE situation 2011/2012)	YNUndknown Domain
UWWT2012	BAS_TTYPE	BASELINE - Treatment type	Dominant UWW treatment type (BASELINE scenario 2021)	
UWWT2012	BAS_COL80	BASELINE - Collection rate >= 80%	Dominant treatment type affects >80% of the collected wastewater (BASELINE scenario 2021)	YNUndknown Domain
UWWT2012	MID_TTYPE	MIDTERM - Treatment type	Dominant UWW treatment type (MIDTERM scenario 2021)	
UWWT2012	MID_COL80	MIDTERM - Collection rate >= 80%	Dominant treatment type affects >80% of the collected wastewater (MIDTERM scenario 2021)	YNUndknown Domain
UWWT2012	VIS_TTYPE	VISION - Treatment type	Dominant UWW treatment type (VISION scenario 2021)	
UWWT2012	VIS_COL80	VISION - Collection rate >= 80%	Dominant treatment type affects >80% of the collected wastewater (VISION scenario 2021)	YNUndknown Domain
WGStn	EUCD_WGST	International code for the water gauge station		

Domain name	Code	Meaning
AE_Type	level0	State
AE_Type	level1	First level of administrative entities in a state
BasinRiver	S	10 km ² catchment or small canal to < 500 km ²
BasinRiver	M	500 km ² catchment or canal to < 1,000 km ²
BasinRiver	L	1,000 km ² catchment or large canal to < 4,000 km ²
BasinRiver	XL	>= 4,000 km ² catchment or main canal
BasinRiver	8	not applicable
BasinRiver	Z	Unknown
ChemStatus	G	Good
ChemStatus	F	Failing (Poor)
ChemStatus	Z	unknown
ClassificationBQE	H	High
ClassificationBQE	G	Good
ClassificationBQE	M	Moderate
ClassificationBQE	P	Poor
ClassificationBQE	B	Bad
ClassificationBQE	Z	unknown
ClassificationBQE	8	not applicable
ClassificationHymo	H	High
ClassificationHymo	N	Not high (Good - Bad)
ClassificationHymo	Z	Unknown
ClassificationStatus	H	High
ClassificationStatus	G	Good
ClassificationStatus	M	Moderate
ClassificationStatus	P	Poor
ClassificationStatus	B	Bad
ClassificationStatus	Z	unknown
Conf_Level	H	High
Conf_Level	M	Medium
Conf_Level	L	Low
Conf_Level	Z	unknown
EcologicalPotential	G	Good and above
EcologicalPotential	M	Moderate
EcologicalPotential	P	Poor
EcologicalPotential	B	Bad
EcologicalPotential	Z	unknown
EcoReg	4	Alps
EcoReg	5	Dinaric Western Balkan
EcoReg	6	Hellenic Western Balkan
EcoReg	7	Eastern Balkan
EcoReg	9	Central Highlands
EcoReg	10	The Carpathians
EcoReg	11	Hungarian Lowlands
EcoReg	12	Pontic Province
EcoReg	16	Eastern plains
EnviroAssessment	A	Already done
EnviroAssessment	I	Intended
EnviroAssessment	N	No
ExceptionType	-7777	Not applicable
ExceptionType	-8888	Not yet determined
ExceptionType	-9999	Unknown
FIPurp	N	Navigation
FIPurp	H	Hydropower
FIPurp	F	Flood protection
FIPurp	W	Water supply
FIPurp	O	Others
FIPurp	8	Not applicable
FishAid	Y	Yes, passable for fish

Domain name	Code	Meaning
FishAid	N	No, not passable for fish
FishAid	G	Not passable, but GES/GEP achieved
FishAid	U	Unknown
FishAid	8	Not applicable
FishAid	0	Yet to be determined
FishPassHabit	0	Fish pass in MDM habitat or in headwaters
FishPassHabit	1	MDM fish pass in LDM/MDM habitat
GenLoadClass	1	2,000 - 10,000 PE
GenLoadClass	2	10,001 - 15,000 PE
GenLoadClass	3	15,001 - 100,000 PE
GenLoadClass	4	> 100,000 PE
HMWB	Y	Yes
HMWB	N	No
HMWB	PY	Provisionally Yes
HMWB	PN	Provisionally No
HMWB	0	Yet to be determined
NVZ	designated	Designated Nitrates Vulnerable Zones
NVZ	whole territory	Whole Territory Approach
NVZ	non-EU Member	Non-EU Member State: No reporting requirements under the EU Nitrates Directive
PRTR_IASector	1	Energy
PRTR_IASector	2	Production and processing of metals
PRTR_IASector	3	Mineral industry
PRTR_IASector	4	Chemical industry
PRTR_IASector	5	Waste management
PRTR_IASector	6	Paper and wood production processing
PRTR_IASector	7	Intensive livestock production and aquaculture
PRTR_IASector	8	Animal and vegetable products from the food and beverage sector
PRTR_IASector	9	Other sectors
Inhab_Cat	XXS	10,000 - < 50,000 inhabitants
Inhab_Cat	XS	50,000 - < 100,000 inhabitants
Inhab_Cat	S	100,000 - < 250,000 inhabitants
Inhab_Cat	M	250,000 - 1 Mio inhabitants
Inhab_Cat	L	> 1 Mio inhabitants
Inhab_Cat	Z	unknown
ISO3166_CD	AL	Albania
ISO3166_CD	AT	Austria
ISO3166_CD	BA	Bosnia and Herzegovina
ISO3166_CD	BG	Bulgaria
ISO3166_CD	CH	Switzerland
ISO3166_CD	CZ	Czech Republic
ISO3166_CD	DE	Germany
ISO3166_CD	HR	Croatia
ISO3166_CD	HU	Hungary
ISO3166_CD	IT	Italy
ISO3166_CD	MD	Moldova
ISO3166_CD	ME	Montenegro
ISO3166_CD	MK	Macedonia, the former yugoslav republic of
ISO3166_CD	PL	Poland
ISO3166_CD	RO	Romania
ISO3166_CD	RS	Serbia
ISO3166_CD	SI	Slovenia
ISO3166_CD	SK	Slovakia
ISO3166_CD	UA	Ukraine
LatConMeasImpl	Y	Yes, completely
LatConMeasImpl	N	Not yet
LatConMeasImpl	P	Partly
LatConMeasImpl	8	Not necessary

Domain name	Code	Meaning
LongContInterrType	D	Dam/weir
LongContInterrType	R	Ramp/sill
LongContInterrType	O	Other
LongContInterrType	N	Type provided in national report
LongContIntUsage	H	Hydropower
LongContIntUsage	N	Navigation
LongContIntUsage	F	Flood protection
LongContIntUsage	W	Water supply
Measure2015Exempt	Y	Yes
Measure2015Exempt	N4	No due to exemption Art 4.4
Measure2015Exempt	N5	No due to exemption Art 4.5
Measure2015Exempt	21	Implementation foreseen by 2021
Measure2015Exempt	27	Implementation foreseen by 2027
Measure2015Exempt	N	No implementation foreseen
Measure2015Exempt	8	Not applicable (waterbody already in GES/GEP)
Measure2015Exempt	0	Yet to be determined
Measure2015Exempt	Y	Yes
Measure2015Exempt	N4	No due to exemption Art 4.4
Measure2015Exempt	N5	No due to exemption Art 4.5
Measure2015Exempt	21	Implementation foreseen by 2021
Measure2015Exempt	27	Implementation foreseen by 2027
Measure2015Exempt	N	No implementation foreseen
MeasureImplementation	Y	Yes
MeasureImplementation	N	Not yet
MeasureImplementation	8	Not necessary
MonitoringDensity	H	High: < 50 km ² / station
MonitoringDensity	M	Medium: 50 - 200 km ² / station
MonitoringDensity	L	Low: > 200 km ² / station
MonitoringDensity	Z	No data
MorphCond	1	Near-natural
MorphCond	2-5	Slightly to severely altered
MorphCond	1-2	Near-natural to slightly altered
MorphCond	3	Moderately altered
MorphCond	4-5	Extensively to severely altered
WBNodeType	B	Nodes of transboundary water bodies
WBNodeType	C	Nodes of tributary water bodies at confluences or bifurcations
WBNodeType	X	Nodes of water bodies
ProjectStatus	P	Planning under preparation
ProjectStatus	O	Officially planned
ProjectStatus	I	Implementation of project
ProtArea	H	Habitat (including relevant Natura 2000 sites designated under Directive 92/43/EEC as last amended by Directive 97/62/EC)
ProtArea	B	Bird (including relevant Natura 2000 sites designated under Directive 79/409/EEC as last amended by Directive 97/49/EC)
ReportType	EUWFD5	Report according to EU WFD Art. 5 (e.g. Danube Basin Analysis 2013)
ReportType	EUWFD13	Report according to EU WFD Art. 13 (e.g. Danube RBM Plan 2015)
River_cat	0	normal river or canal
River_cat	1	major river on RBD level (Danube)
River_cat	2	important river on RBD level
River_cat	3	selected river on Sub-basin level
River_cat	9	unknown
SizeL	S	Small: 0.5 to 1 km ²
SizeL	M	Medium: >1 to 10 km ²
SizeL	L	Large: >10 to 100 km ²
SizeL	XL	Very large: > 100 km ²

Domain name	Code	Meaning
SizeL	Z	unknown
Status	G	Good
Status	P	Poor
Status	Z	unknown
WBType	CWB	Coastal Waterbody
WBType	LWB	Lake Waterbody
WBType	RWB	River Waterbody
WBType	TWB	Transitional Waterbody
WaterAbstract	A	Agriculture, forestry and fishing (including fish farms) canals
WaterAbstract	I	Irrigation
WaterAbstract	P	Public water supply
WaterAbstract	M	Manufacturing industry
WaterAbstract	E	Production of electricity (cooling)
WaterAbstract	H	Hydropower
WaterAbstract	Q	Quarries/open cast coal sites
WaterAbstract	N	Abstractions for navigation
WaterAbstract	O	Other major abstractions
WaterAbstract	8	not applicable
YesNo	Y	Yes
YesNo	N	No
YNUndknown	Y	Yes
YNUndknown	N	No
YNUndknown	U	Unknown
YNUndknown	8	Not Applicable
YNUndknown	0	Yet to be determined