

WFD Template Definition

Template short name: WFD_GWBODYSTATUS, Name: WFD_GroundwaterBodyStatus, Geometry type: None

No.	Attribute	Attribute short name	Definition	Type	Obligation	Attribute values	Origin
0.0	TemplateName	TEMPLATE	Name der Schablone. Darf nicht verändert werden	string (24)	Mandatory		
1.0	EuropeanCode_GB	EU_CD_GB	Internationaler Schlüssel für den GroundwaterBody. Der Schlüssel setzt sich zusammen aus dem MemberStateCode, dem FeatureClassCode und dem nationalen Schlüssel . Generell: <MemberStateCode>_<FeatureClassCode>_<LAND_CD>_<ID>	string (42)	Mandatory, primary key	WFD-Codelist: MemberStateCode	
2.0	RiverBasinDistrictCode	RBD_CD	4-digit code fuer die Flussgebietseinheit.	string (4)	Mandatory	WFD-Codelist: RiverBasinDistrictCode	
2.1	WorkAreaCode	WA_CD	4-digit code für die Working Area.	string (10)	Mandatory	WFD-Codelist: WorkAreaCode	
2.2	CountryStateCode	LAND_CD	Der CountryStateCode wird in Anlehnung an die Regelungen der DIN EN ISO 3166-1 und DIN ISO 3166-2 aus zwei Alpha-2 Schlüsseln zusammen gesetzt. Der erste Teil des Schlüssels entspricht dem CountryCode, der zweite Schlüsselbestandteil steht für die Verwaltungseinheiten (Bundesland). Für Deutschland sind diese Verwaltungseinheiten vorgegeben. Für andere Länder ist der Alpha-2 Schlüssel (XX) frei wählbar.	string (4)	Mandatory	WFD-Codelist: CountryStateCode	
2.4	InsertedWhen	INS_WHEN	Erstellungsdatum des Datensatzes	date (8)	Mandatory	YYYYMMDD	
2.5	InsertedBy	INS_BY	Anspechpartner	string (15)	Mandatory		
2.6	Metadata	METADATA	Der Name der Metadatendatei ist abhängig vom hier erfassten Gebiet. Er kann auf vier verschiedene Arten gebildet werden. Er setzt sich zusammen aus der Kurzbezeichnung für die Schablone, dem CountryStateCode, dem WorkAreaCode oder dem RiverBasinDistrictCode und wird um die Dateinamenserweiterung XML ergänzt. Alle Angaben sind in Grossbuchstaben auszuführen. Schema: <TemplateShortName>_<CountryStateCode>_<WorkAreaCode>.XML or <TemplateShortName>_<CountryStateCode>_<RiverBasinDistrictCode>.XML or <TemplateShortName>_<CountryStateCode>.XML or <TemplateShortName>_<WorkAreaCode>.XML Beispiel: für Nordrhein-Westfalen für den Niederrhein: COMPATH_DENW_2800.XML für Nordrhein-Westfalen für den Rhein COMPATH_DENW_2000.XML für Nordrhein-Westfalen: COMPATH_DENW.XML für das Gesamtgebiet Niederrhein: COMPATH_2800.XML	string (255)	Mandatory		
3.5	QuantitativeStatus	QUANT_STAT	Mengenmäßiger Zustand, GE1 Elemente	string (1)	Mandatory	WFD-Codelist: QuantityStatusCode	
3.7	ChemicalStatus	CHEM_STAT	Chemischer Zustand, Substanzen aus Annex 8d/ Codeliste PS_Code	string (1)	Mandatory	WFD-Codelist: ChemicalQuality StatusCode	

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3.30	GwChemicalReasonsForFailure	REAS_CHEM	If the groundwater body is of poor chemical status, select reasons from the enumeration list: 'Surface water' = Failure to achieve Environmental Objectives (Article 4 WFD) in associated surface water bodies or significant diminution of the ecological or chemical status of such surface water bodies. 'Groundwater dependent terrestrial ecosystems' = Significant damage to terrestrial ecosystems which depend directly on the groundwater body. 'Saline or other intrusion' = Regional saline or other intrusions resulting from anthropogenically induced sustained changes in flow direction. 'Drinking Water Protected Area' = Deterioration in quality of waters for human consumption. 'General water quality assessment' = Significant impairment of human uses; significant environmental risk from pollutants across the groundwater body. Further guidance can be found in CIS Guidance Document 18 on the Groundwater Status and Trends Assessment. Quality checks: Conditional check: Report if gwChemicalStatusValue is '3'.	string (254)	Conditional, mandatory for ChemicalStatus = '3'.	WFD-Codelist: ReasonsForFailureCode	
3.31	GwChemicalAssessmentYear	CHEMASS_Y	Provide the year on which the assessment of status is based. This may be the year that the groundwater body was monitored. In case of grouping this may be the year in which monitoring took place in the surface water bodies within a group that are used to extrapolate results to non-monitored groundwater bodies within the same group. A period is possible (e.g. 2011--2013). Format: YYYY oder YYYY--YYYY.	string (10)	Mandatory		
3.32	GwChemicalAssessmentConfidence	CHEM_ASSC	Indicate the confidence on the chemical status assigned. '0' = No information. '1' = Low confidence (e.g. no monitoring data, or no conceptual model or understanding of the system). '2' = Medium confidence (e.g. limited or insufficiently robust monitoring data and expert judgment plays a significant role in assessment of status). '3' = High confidence (e.g. good monitoring data, and a good conceptual model or understanding of the system based on information on its natural characteristics and its pressures). The criteria used by Member States to assess confidence vary considerably, but the above examples provide some general guidance. For further information, please see 'CIS Guidance Document No. 7: Monitoring under the Water Framework Directive' and 'CIS Guidance Document No. 15: Groundwater monitoring'.	string (1)	Mandatory	WFD-Codelist: Assessment ConfidenceCode	
3.34	GwQuantitativeReasonsForFailure	REAS_QUANT	If the groundwater body is of poor quantitative status, select reasons from the enumeration	string (254)	Conditional, mandatory for	WFD-Codelist: QuantitativeFailureCode	

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No.	Attribute	Attribute short name	Definition	Type	Obligation	Attribute values	Origin
			list: 'Water balance' = Exceedance of available groundwater resource by long-term annual average rate of abstraction that may result in a decrease of groundwater levels. 'Surface water' = Failure to achieve Environmental Objectives (Article 4 WFD) for associated surface water bodies resulting from anthropogenic water level alteration or change in flow conditions; significant diminution of the status of surface waters resulting from anthropogenic water level alteration or change in flow conditions. 'Groundwater dependent terrestrial ecosystems' = Significant damage to groundwater dependent terrestrial ecosystems resulting from an anthropogenic water level alteration. 'Saline or other intrusion' = Regional saline or other intrusions resulting from anthropogenically induced sustained changes in flow direction. Further guidance can be found in CIS Guidance Document 18 on the Groundwater Status and Trends Assessment. Quality checks: Conditional check: Report if gwQuantitativeStatusValue is '3'.		QuantitativeStatus = '3'.		
5.19	GwQuantitativeAssessmentYear	QUANTASS_Y	Provide the year on which the assessment of status is based. This may be the year that the groundwater body was monitored. In case of grouping this may be the year in which monitoring took place in the groundwater bodies within a group that are used to extrapolate results to non-monitored groundwater bodies within the same group. A period is possible (e.g. 2011--2013). Format: YYYY oder YYYY--YYYY.	string (10)	Mandatory		
5.20	GwQuantitativeAssessment Confidence	QUANTASSES	Indicate the confidence on the quantitative status assigned. '0' = No information. '1' = Low confidence (e.g. no monitoring data, or no conceptual model or understanding of the system). '2' = Medium confidence (e.g. limited or insufficiently robust monitoring data and expert judgment plays a significant role in assessment of status). '3' = High confidence (e.g. good monitoring data, and a good conceptual model or understanding of the system based on information on its natural characteristics and its pressures). The criteria used by Member States to assess confidence vary considerably, but the above examples provide some general guidance. For further information, please see 'CIS Guidance Document No. 7: Monitoring under the Water Framework Directive' and 'CIS Guidance Document No. 15: Groundwater monitoring'. LAWA-interne Festlegung: es ist für DE grundsätzlich '3' für 'High confidence' einzugeben	string (1)	Mandatory	WFD-Codelist: Assessment ConfidenceCode	