

## WFD Template Definition

Template short name: INPUTPOLLUTANT, Name: InputPollutant, Geometry type: None

No.	Attribute	Attribute short name	Definition	Type	Obligation	Attribute values	Origin
1.0	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 MemberStateCode, 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, primary key	WFD-Codelist: CountryStateCode	
1.1	chemicalSubstance	SUBSTANCE	Required. Reporting is required for each substance in Annex II of Directive 2013/39/EU. Additionally, reporting can be provided for RBSP and other substances for which inventory information is being reported (i.e. if step2Inventory = 'Yes'). Quality check: Within-schema check: - All substances listed in Annex II of Directive 2013/39/EU (i.e. Priority Substances) have to be reported. - Total cyclodiene pesticides must be reported through EEA_32-02-0 - Total cyclodiene pesticides. - Total PAHs must be reported through EEA_33-56-7 - Total PAHs.	string (15)	Mandatory, primary key	WFD-Codelist: PS_Inventory_Enum	
1.3	reportedUnderSoEEmissions	UNDERSOEEM	Required. Indicate if emissions for this substance were reported as part of the State of Environment reporting.	string (3)	Mandatory	WFD-Codelist: YesNoCode	
1.4	step1RelevantAtRBDScale	STEP1RELEV	Required. Indicate whether the substance has been identified as being relevant at RBD level (i.e. passed the relevance test in Step 1, according to the relevance criteria described on pages 9-10 of the CIS-Guidance No 28). Report 'Yes' if you proceeded to Step 2 of the two-step approach. If you report 'No', it is possible to report on an optional point source assessment. In this case, any knowledge of quantifiable inputs of priority hazardous substances should be reported. Quality checks: Conditional checks: - The option 'Unknown' is valid if and only if the chemicalSubstance is a Priority Substance (i.e. if reporting is mandatory) - CROSS-CHECK - If at least one waterbody is failing to achieve good chemical status due to a Priority Substance then step1RelevantAtRBDScale must be 'Yes'. (The inverse is not true.)	string (1)	Mandatory	WFD-Codelist: YesNoUnknownCode	
1.5	step2EmissionsInventory	STEP2EMISS	Required. If an inventory of emissions, discharges and losses has been completed for this substance, indicate which approach in CIS Guidance No 28 has been followed. Step 1 requires an assessment of the current relevance of the substance at RBD level. Step 2 requires a more detailed analysis for the substances that pass the relevance test in Step 1 (i.e. the ones that are relevant at RBD level). For	string (1)	Mandatory	WFD-Codelist: YesNoNotApplicableCode	

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			the substances that are of minor relevance at the RBD scale (i.e. do not meet Step 1 criteria), Member States should try to provide a basic estimation of emissions, discharges and losses from point and diffuse sources. This is particularly important for Priority Hazardous Substances. Report 'Yes' if an inventory has been completed (note: this option can also be used for substances where step1RelevantAtRBDScale = 'No'. Report 'No', if an inventory has not yet been completed, although the substance was determined to be relevant according to the step 1 criteria. Report 'Not applicable', if a step 2 inventory was not completed because the substance was determined NOT to be relevant according to the step 1 criteria. Quality checks: - The option 'No' is valid if and only if step1RelevantAtRBDScale = 'Yes'. - The option 'Not applicable' is valid if and only if step1RelevantAtRBDScale = 'No'				
1.6	inventoryMethodology	METHOD	Required. If an inventory of emissions, discharges and losses has been completed for this substance, indicates which approach was used to determine the values reported. Further descriptions of the approaches 1, 2, 3 and 4 are available in CIS Guidance Document no. 28. Report 'Other' only if the approach that was used does not fit within one of the approaches listed in the enumeration list. In this cases, describe the methodology used (refer to inputMethodReference). The approach followed may be different for different substances Quality check: The option 'Not applicable' is NOT valid if step2EmissionsInventory is 'Yes'.	string (2)	Mandatory	WFD-Codelist: Inventory MethodologyCode	
1.7	inputDataQuality	DATAQUAL	Required. Indicate the quality of the inventory data being reported. The option selected from the enumeration list should reflect the reliability and variance of the data provided, taking into account issues such as the availability of monitoring data, the reliability of emission factors used in calculations, the difficulty of taking account of seasonal influences in areas with high seasonal variation etc (e.g. 'Very good' would imply a substantial monitoring basis, while 'Very uncertain' would imply a very weak or absent monitoring basis, with heavy reliance on estimation). Quality checks: The option 'Unknown' is NOT valid if the substance is a priority substance.	string (1)	Conditional, mandatory for METHOD <> "10"	WFD-Codelist: InputDataQualityCode	
1.8	inputMethodReference	METHODREF	Conditional. Required if "Other" methodology is specified under inventoryMethodology. Desirable if CIS Guidance approaches have been elaborated or	string (1000)	Conditional, mandatory for		

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			described in an electronic freely accessible version of the national emission inventory for EQSD Annex I substances, in specific documents as part of RBMP reporting, in international seas convention guidance documents or similar. URL-Reference to specific documents. Quality check: Conditional check; report if inventoryMethodology is 'Other'. Reference(s) pointing to entries in WasserBLiCK. Zu referenzierendes Formular verfügbar und auszufüllen ausschließlich über eine Funktionskennung unter: <a href="http://www.wasserblick.net/servlet/is/212122/">www.wasserblick.net/servlet/is/212122/</a> . Beispiel für einen einzutragenden Link eines erstellten Formulars: <a href="http://www.wasserblick.net/servlet/is/212122/?id=&lt;Platzhalter für eine 6-stellige Zahl als ID&gt;">http://www.wasserblick.net/servlet/is/212122/?id=&lt;Platzhalter für eine 6-stellige Zahl als ID&gt;</a> . Weitere Angaben zum Vorgehen sind in dem oben genannten Formular hinterlegt. Mehrfachnennungen sind möglich kommasepariert ohne Leerstellen.		inventoryMethodology = 'Other'		
1.9	inputTotalType	TOTALTYPE	Required. If an inventory of emissions, discharges and losses has been completed for this substance and the substance being reported is one of those listed in Annex II of Directive 2013/39/EU, indicate whether the value reported is for total point sources, total diffuse sources or total point and diffuse sources. Distinction between total point sources and total diffuse sources is expected for EQSD Annex I substances. Reporting is optional for other substances/parameters. Quality checks: For each substance, the combination of inputTotalType and inputYearPeriod must be unique. Fehlwert: -9999	string (5)	Mandatory, primary key	WFD-Codelist: InputTotalTypeCode	
1.10	inputTotalValue	TOTALVALUE	Required. If an inventory of emissions, discharges and losses has been completed for this substance and the substance being reported is one of those listed in Annex II of Directive 2013/39/EU, report the total value of inputs (= emissions, discharges and losses). The total value of inputs must be reported for all substances where inventoryMethodology != 'Not applicable'. Quality checks: Within-schema check: The reported inputTotalValue must be consistent with values reported for the components under InputCategory/InputCategoryValue, if any. Fehlwert: -9999	number (9.3)	Mandatory, primary key		
1.11	inputTotalUnit	UNITTOTAL	Required. Report the unit in which inputTotalValue is expressed (tonnes/year or kilogrammes/year). Quality checks: Element check: Only the options 't/a' or 'kg/a' are a valid selection.	string (2)	Conditional, mandatory for inputTotalValue = reported.	WFD-Codelist: UnitOfMeasureCode	
1.12	inputYearPeriod	YEARPERIOD	Conditional. If inputTotalValue is reported, provide the year to which the reported value corresponds.	string (9)	Conditional, mandatory for		

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			It is possible to report a single year or a period (e.g. 2018-2020). Quality checks: Conditional check: report if and only if inputTotalValue is reported. For each substance, the combinations of inputTotalType and inputYearPeriod must be unique. For each substance and inputTotalType, different inputYearPeriod must not overlap. Fehlwert: -9999		inputTotalValue = reported., primary key		
1.13	inputTrend	INPUTTREND	inputTrend can be reported for any substances where inventoryMethodology != 'Not applicable'. Report the trend of the substance's concentration since the previous RBMP (positive or negative). This information will override the trend that can be calculated from the reported values, allowing Member States to take into account possible changes in methodology. The trend should be expressed in % per year, on average, over the period reported in inputTrendPeriod.	number (9.3)	Optional		
1.14	inputTrendPeriod	TRENDPERIO	Required. If inputTrend is reported, report the first and last years used for trend assessment. Quality checks: Conditional check: report if and only if inputTrend is reported. For each substance, the combinations of inputTrend and inputTrendPeriod must be unique. For each substance and inputTotalType, different inputYearPeriod must not overlap.	string (9)	Conditional, mandatory for inputTrend = reported.		
2.0	RiverBasinDistrictCode	RBD_CD	Kennung für die Flussgebietseinheit. Der Code besteht aus einer vierstelligen Numerierung für die Flussgebietseinheit.	string (4)	Mandatory	WFD-Codelist: RiverBasinDistrictCode	
2.1	inputInventoryReference	INVENTORYR	Required. Provide references or hyperlinks to the documents and sections where any other relevant information relating to the estimation of the inputs of pollutants can be found. Guidance on what should be included in this document is provided in the guidance document. Reference(s) pointing to entries in WasserBLiCK. Zu referenzierendes Formular verfügbar und auszufüllen ausschließlich über eine Funktionskennung unter: <a href="http://www.wasserblick.net/servlet/is/212122/">www.wasserblick.net/servlet/is/212122/</a> . Beispiel für einen einzutragenden Link eines erstellten Formulars: <a href="http://www.wasserblick.net/servlet/is/212122/?id=&lt;Platzhalter für eine 6-stellige Zahl als ID&gt;">http://www.wasserblick.net/servlet/is/212122/?id=&lt;Platzhalter für eine 6-stellige Zahl als ID&gt;</a> . Weitere Angaben zum Vorgehen sind in dem oben genannten Formular hinterlegt. Mehrfachnennungen sind möglich kommasepariert ohne Leerstellen.	string (1000)	Mandatory		
2.2	SubUnitCode	SUBUNIT	Angabe der Codierung der Subunit. Der Code besteht aus einer vierstelligen Numerierung für die Flussgebietseinheit.	string (19)	Mandatory, primary key	WFD-Codelist: SubUnitCode	