# Template short name: CHEMSTSWL, Name: Chemical\_Status\_SW\_Light, Geometry type: None

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | [WBCategory](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_L_CHEMSTSW:WBCategory) | WB\_CAT | Waterbody Category | string (2) | Mandatory | [WFD-Codelist: WaterbodyTypeCode](https://www.wasserblick.net/servlet/is/192027/) |
| 2 | [EuropeanCode\_WB](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_L_CHEMSTSW:EuropeanCode_WB) | EU\_CD\_WB | International code of reported waterbodies.  <MemberStateCode><FeatureClassCode>\_ <CountryStateCode>\_<ID> | string (42) | Mandatory, primary key | [WFD-Codelist: MemberStateCode](https://www.wasserblick.net/servlet/is/192027/) |
| 3 | [ChemicalStatus\_NotUbiquitous](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_L_CHEMSTSW:ChemicalStatus_NotUbiquitous)  | CSTNU | Bewertung der nichtubiquitären Stoffe ohne Nitrat | string (1) | Mandatory | [WFD-Codelist: ChemicalQuality​StatusCode](https://www.wasserblick.net/servlet/is/192027/) |
| 4 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](https://www.wasserblick.net/servlet/is/192027/) |
| 5 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 6 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: SWSTNL, Name: SurfaceWaterMonitoringStationLight, Geometry type: Point

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | [EuropeanCode\_WB](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_SWSTN:EuropeanCode_WB) | EU\_CD\_WB | International code of reported waterbodies. <MemberStateCode>\_ <FeatureClassCode>\_ <CountryStateCode>\_<ID>  | string (42) | Mandatory | [WFD-Codelist: MemberStateCode](https://www.wasserblick.net/servlet/is/192027/) |
| 2 | [StationName](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_SWSTN:StationName) | NAME\_STN | Name of measuring / monitoring site | string (100) | Mandatory |  |
| 3 | [EuropeanCode\_SM](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_SWSTN:EuropeanCode_SM) | EU\_CD\_SM | International key for the SurfaceMonitoringStation. The key consists of the MemberStateCode, the FeatureClassCode and the national key (see explanation for MS\_CD\_SM). Scheme: <MemberStateCode>\_ <FeatureClassCode>\_ <MS\_CD\_SM> | string (44) | Mandatory, primary key | [WFD-Codelist: MemberStateCode](https://www.wasserblick.net/servlet/is/192027/) |
| 4 | [SWCategory](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_SWSTN:SWCategory) | SW\_CAT | Monitoring station serves which water body category? | string (2) | Mandatory, primary key | [WFD-Codelist: WaterbodyTypeCode](https://www.wasserblick.net/servlet/is/192027/) |
| 5 | [MonitoringPurpose](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_SWSTN:MonitoringPurpose) | PURPOSE | For each monitoring site, report whether it is used for investigative, operational or surveillance monitoring. More than one monitoring purpose may be reported. Multiple values are possible, comma-separated without blank spaces.  | string (254) | Mandatory | [WFD-Codelist: MonitoringPurpose​Code](https://www.wasserblick.net/servlet/is/192027/) |
| 6 | [MonitoringType](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_SWSTN:MonitoringType) | MONTYPE | Indicate whether the monitoring site is used for ecological, chemical or quantitative monitoring. Please note that, for the purpose of reporting, monitoring of RBSPs should be reported as part of chemical monitoring (if a site is used for monitoring RBSPs only or RBSPs and Priority Substances, you should report only ‘Chemical’, if it is used to monitor RBSPs and other QEs, you should report both ‘Ecological’ and ‘Chemical’). Multiple values are possible, comma-separated without blank spaces. | string (254) | Mandatory | [WFD-Codelist: MonitoringTypeCode](https://www.wasserblick.net/servlet/is/192027/) |
| 7 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](https://www.wasserblick.net/servlet/is/192027/) |
| 8 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 9 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: GWSTNL, Name: GroundwaterMonitoringStationLight, Geometry type: Point

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | [EuropeanCode\_GB](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_GWSTN:EuropeanCode_GB) | EU\_CD\_GB | European-wide key for the groundwater body. The key consists of the MemberStateCode and the national key (see explanation for MS\_CD\_GB). Scheme: < MemberStateCode >\_ <FeatureClassCode>\_ <MS\_CD\_GB> | string (44) | Mandatory, primary key | [WFD-Codelist: MemberStateCode](https://www.wasserblick.net/servlet/is/192027/) |
| 2 | [EuropeanCode\_GM](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_GWSTN:EuropeanCode_GM) | EU\_CD\_GM | International key for the groundwater monitoring station. The key consists of the MemberStateCode, the FeatureClassCode and the national key (see explanation for MS\_CD\_GM). Scheme: <MemberStateCode>\_ <FeatureClassCode>\_ <MS\_CD\_GM> | string (44) | Mandatory, primary key | [[WFD-Codelist: MemberStateCode](https://www.wasserblick.net/servlet/is/192027/) + FeatureClassCode](http://www.wasserblick.net/servlet/is/153494/) |
| 3 | [Name](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_GWSTN:Name) | NAME | Local name | string (100) | Mandatory |  |
| 4 | [MonitoringPurpose](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_SWSTN:MonitoringPurpose) | PURPOSE | For each monitoring site, report whether it is used for investigative, operational or surveillance monitoring. More than one monitoring purpose may be reported. Multiple values are possible, comma-separated without blank spaces.  | string (254) | Mandatory | [WFD-Codelist: MonitoringPurpose​Code](https://www.wasserblick.net/servlet/is/192027/) |
| 5 | [MonitoringType](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_SWSTN:MonitoringType) | MONTYPE | Indicate whether the monitoring site is used for ecological, chemical or quantitative monitoring. Please note that, for the purpose of reporting, monitoring of RBSPs should be reported as part of chemical monitoring (if a site is used for monitoring RBSPs only or RBSPs and Priority Substances, you should report only ‘Chemical’, if it is used to monitor RBSPs and other QEs, you should report both ‘Ecological’ and ‘Chemical’). Multiple values are possible, comma-separated without blank spaces. | string (254) | Mandatory | [WFD-Codelist: MonitoringTypeCode](https://www.wasserblick.net/servlet/is/192027/) |
| 6 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](https://www.wasserblick.net/servlet/is/192027/) |
| 7 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 8 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: WFD\_CHEMSTGW\_L, Name: WFD\_Chemical\_Status\_GW\_Light, Geometry type: None

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | [EuropeanCode\_WB](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_SWSTN:EuropeanCode_WB) | EU\_CD\_WB | International code of reported waterbodies. <MemberStateCode>\_ <FeatureClassCode>\_ <CountryStateCode>\_<ID>  | string (42) | Mandatory | [WFD-Codelist: MemberStateCode](https://www.wasserblick.net/servlet/is/192027/) |
| 2 | [GwPollutantCode](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_CHEMSTGW:GwPollutantCode) | POLLCODE | Select each pollutant and indicator for which the following circumstance occur in the relevant water body: The pollutant or indicator is showing an upward trend (element gwPollutantUpwardTrend) | string (5) | Mandatory | [WFD-Codelist: ChemicalSubstances\_​Code](https://www.wasserblick.net/servlet/is/192027/) |
| 3 | [GwPollutantUpwardTrend](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_CHEMSTGW:GwPollutantUpwardTrend) | POLLUPWARD | Indicate whether there is a significant and sustained upward trend in the concentration of pollutant(s) or indicator(s) of pollution. | string (1) | Mandatory | [WFD-Codelist: YesNoUnknownUnclear​\_Code](https://www.wasserblick.net/servlet/is/192027/) |
| 4 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](https://www.wasserblick.net/servlet/is/192027/) |
| 5 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 6 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: TEWBODYGEOML, Name: TerritorialWatersGeomLight, Geometry type: Polygon

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | EuropeanCode\_TeW | EU\_CD\_TEW | International code for TerritorialWaterBody. Scheme: <MemberStateCode><FeatureClassCode>\_ <ID> | string (42) | Mandatory, primary key | [WFD-Codelist: MemberStateCode + FeatureClassCode](https://www.wasserblick.net/servlet/is/192027/) |
| 2 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](https://www.wasserblick.net/servlet/is/192027/) |
| 3 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 4 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: TEWSTATUSL, Name: TerritorialWaterBodyStatusLight, Geometry type: None

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | EuropeanCode\_TeW | EU\_CD\_TEW | International code for TerritorialWaterBody. Scheme: <MemberStateCode><FeatureClassCode>\_ <ID> | string (42) | Mandatory, primary key | [WFD-Codelist: MemberStateCode + FeatureClassCode](https://www.wasserblick.net/servlet/is/192027/) |
| 2 | [ChemicalStatus](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:ChemicalStatus) | CHEM\_STAT | Classification of the chemical status according to WFD annex V 1.4.3 | string (1) | Mandatory | [WFD-Codelist: QualityStatusCode](https://www.wasserblick.net/servlet/is/192027/) |
| 3 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](https://www.wasserblick.net/servlet/is/192027/) |
| 4 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 5 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: TEWBODYCHARACTERL, Name: TerritorialWatersCharacteristicsLight, Geometry type: None

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | EuropeanCode\_TeW | EU\_CD\_TEW | International code for TerritorialWaterBody. Scheme: <MemberStateCode><FeatureClassCode>\_ <ID> | string (42) | Mandatory, primary key | [WFD-Codelist: MemberStateCode + FeatureClassCode](https://www.wasserblick.net/servlet/is/192027/) |
| 2 | [RiskAssessmentChemicalStatus](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwcharacter:RiskAssessmentChemicalStatus) | RISK\_CHEM | Risk assessment for the chemical status (Target 2027) | string (1) | Mandatory | [WFD-Codelist: RiskStatusCode](https://www.wasserblick.net/servlet/is/192027/) |
| 3 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](https://www.wasserblick.net/servlet/is/192027/) |
| 4 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 5 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: RwseggeomL, Name: RiverSegmentGeomLight, Geometry type: Line

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | [Segment\_Name](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:Segment_Name) | S\_NAME | Local Name of the RiverSegment | string (100) | Optional |  |
| 2 | [EuropeanSegmentCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:EuropeanSegmentCode) | EU\_SEG\_CD | International Code for the RiverSegment. It consists of the MemberStateCode, the alpha-2 key for the feature class RiverSegment ('RS') and the MemberStateSegmentCode. The latter consists of any unique code. <MemberStateCode>\_ <FeatureClassCode>\_ <SEG\_CD> | string (42) | Mandatory, primary key | [WFD-Codelist: MemberStateCode](http://www.wasserblick.net/servlet/is/83501/) |
| 3 | [EuropeanCode\_RW](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:EuropeanCode_RW) | EU\_CD\_RW | International code of the RiverWaterBody. Consists of the MemberStateCode, the key for the feature class RiverWaterBody ('RW') and a countryspecific unique identifier (true for Germany: MS\_CD\_RW). Scheme: <MemberStateCode>\_ <FeatureClassCode>\_<ID> | string (42) | Mandatory | [WFD-Codelist: MemberStateCode + FeatureClassCode](http://www.wasserblick.net/servlet/is/83501/) |
| 4 | RiverCode | RIVER\_CD | Code of the complete river, from source to mouth, to which the segment belongs. Example: 2 for the Rhein in Germany (True for Germany: if there are existing recommendations in the 'LAWA-Arbeitshilfe' resp. in the LAWA-guideline for the coding of areas and waters they should be applied.) | string (20) | Mandatory |  |
| 5 | [RiverCategory](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:RiverCategory) | RIVER\_CAT | Can be used to mark the watercourse due to some special features like the importance (Stream or main river). | string (6) | Mandatory | [WFD-Codelist: RiverCategory](http://www.wasserblick.net/servlet/is/83501/) |
| 6 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](http://www.wasserblick.net/servlet/is/83501/) |
| 7 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 8 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: RwcharacterL, Name: RiverWaterBodyCharacteristicsLight, Geometry type: None

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | [EuropeanCode\_RW](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwcharacter:EuropeanCode_RW) | EU\_CD\_RW | International code of the RiverWaterBody. Consists of the MemberStateCode, the key for the feature class RiverWaterBody ('RW') and a countryspecific unique identifier (true for Germany: MS\_CD\_RW). Scheme: <MemberStateCode>\_ <FeatureClassCode>\_<ID> This code serves as a join to the geometry related table RiverSegmentGeom. | string (42) | Mandatory, primary key | [WFD-Codelist: MemberStateCode + FeatureClassCode](http://www.wasserblick.net/servlet/is/83501/) |
| 2 | WaterBody\_Name  | W\_NAME | Local name of the river water body | string (100) | Mandatory |  |
| 2 | [EuropeanRiverBodyTypeCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwcharacter:EuropeanRiverBodyTypeCode) | EU\_RW\_TYPE | International code of the water body types according to WFD annex II | string (30) | Mandatory | [WFD-Codelist: EURiverBodyTypeCode](http://www.wasserblick.net/servlet/is/83501/) |
| 3 | [HeavilyModified](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwcharacter:HeavilyModified) | MODIFIED | Statement whether the water body is heavily modified | string (1) | Mandatory | [WFD-Codelist: YNCode](http://www.wasserblick.net/servlet/is/83501/) |
| 4 | [Artificial](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwcharacter:Artificial) | ARTIFICIAL | Statement whether the water body is artificial | string (1) | Mandatory | [WFD-Codelist: YNCode](http://www.wasserblick.net/servlet/is/83501/) |
| 5 | [RiskAssessmentEcological​Potential](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwcharacter:RiskAssessmentEcological%E2%80%8BPotential) | RISK\_ECPO | Risk assessment for the ecological potential (Target 2027) | string (1) | Conditional, mandatory for RwseggeomL. RIVER\_CAT IN (1,91,91li,91re,100​,9100,9100li​,9100re) and ​(ARTIFICIAL = "Y" or MODIFIED = "Y")  | [WFD-Codelist: RiskStatusCode](http://www.wasserblick.net/servlet/is/83501/) |
| 6 | [RiskAssessmentChemicalStatus](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwcharacter:RiskAssessmentChemicalStatus) | RISK\_CHEM | Risk assessment for the chemical status (Target 2027) | string (1) | Conditional, mandatory for RwseggeomL. RIVER\_CAT IN (1,91,91li,91re,100​,9100,9100li​,9100re) | [WFD-Codelist: RiskStatusCode](http://www.wasserblick.net/servlet/is/83501/) |
| 7 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2, the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](http://www.wasserblick.net/servlet/is/83501/) |
| 8 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 9 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: RWSTATUSL, Name: RiverWaterBodyStatusLight, Geometry type: None

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | [EuropeanCode\_RW](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:EuropeanCode_RW) | EU\_CD\_RW | International code of the RiverWaterBody. Consists of the MemberStateCode, the key for the feature class RiverWaterBody ('RW') and a countryspecific unique identifier (true for Germany: MS\_CD\_RW). Scheme: <MemberStateCode>\_ <FeatureClassCode>\_<ID> | string (42) | Mandatory, primary key | [WFD-Codelist: MemberStateCode + FeatureClassCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2.1 | [QE11Phytoplankton](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:QE11Phytoplankton) | QE11VAL | Required. Indicate the results of the assessment of this QE for all relevant surface water categories. '1' = High status or maximum potential. '2' = Good status or potential. '3' = Moderate status or potential (for QE1) or less than good status or potential (for QE2 and QE3). '4' = Poor status or potential (this option is only valid for quality elements starting with QE1). '5' = Bad status or potential (this option is only valid for quality elements starting with QE1). 'MonitoredButNotUsed' = Monitored but no standard has been developed and/or the QE is not used for status assessment (this option is only valid for quality elements starting with QE2 or QE3). 'Unknown' = Unknown status or potential. 'Not applicable' = Not applicable If there is no monitoring information for this QE and/or status is unknown then select ' Unknown' from the enumeration list. If the QE is not applicable in the surface water category or type then select option 'Not applicable' from the enumeration list. Quality checks: Within-schema check: if surfaceWaterCategory is 'TeW' then 'Not applicable' must be selected. If qeCode is any quality element starting with QE1, the option 'MonitoredButNotUsed' is not valid. If qeCode is any quality element starting with QE2 or QE3, the options '4' and '5' are not valid.  | string (1) | Mandatory | [WFD-Codelist: QEStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2.2 | [QE123Macrophytes](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:QE123Macrophytes) | QE123VAL | Required. Indicate the results of the assessment of this QE for all relevant surface water categories. '1' = High status or maximum potential. '2' = Good status or potential. '3' = Moderate status or potential (for QE1) or less than good status or potential (for QE2 and QE3). '4' = Poor status or potential (this option is only valid for quality elements starting with QE1). '5' = Bad status or potential (this option is only valid for quality elements starting with QE1). 'MonitoredButNotUsed' = Monitored but no standard has been developed and/or the QE is not used for status assessment (this option is only valid for quality elements starting with QE2 or QE3). 'Unknown' = Unknown status or potential. 'Not applicable' = Not applicable If there is no monitoring information for this QE and/or status is unknown then select ' Unknown' from the enumeration list. If the QE is not applicable in the surface water category or type then select option 'Not applicable' from the enumeration list. Quality checks: Within-schema check: if surfaceWaterCategory is 'TeW' then 'Not applicable' must be selected. If qeCode is any quality element starting with QE1, the option 'MonitoredButNotUsed' is not valid. If qeCode is any quality element starting with QE2 or QE3, the options '4' and '5' are not valid.  | string (1) | Mandatory | [WFD-Codelist: QEStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2.3 | [QE124Phytobenthos](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:QE124Phytobenthos) | QE124VAL | Required. Indicate the results of the assessment of this QE for all relevant surface water categories. '1' = High status or maximum potential. '2' = Good status or potential. '3' = Moderate status or potential (for QE1) or less than good status or potential (for QE2 and QE3). '4' = Poor status or potential (this option is only valid for quality elements starting with QE1). '5' = Bad status or potential (this option is only valid for quality elements starting with QE1). 'MonitoredButNotUsed' = Monitored but no standard has been developed and/or the QE is not used for status assessment (this option is only valid for quality elements starting with QE2 or QE3). 'Unknown' = Unknown status or potential. 'Not applicable' = Not applicable If there is no monitoring information for this QE and/or status is unknown then select ' Unknown' from the enumeration list. If the QE is not applicable in the surface water category or type then select option 'Not applicable' from the enumeration list. Quality checks: Within-schema check: if surfaceWaterCategory is 'TeW' then 'Not applicable' must be selected. If qeCode is any quality element starting with QE1, the option 'MonitoredButNotUsed' is not valid. If qeCode is any quality element starting with QE2 or QE3, the options '4' and '5' are not valid.  | string (1) | Mandatory | [WFD-Codelist: QEStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2.4 | [QE13BenthicInvertebrates](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:QE13BenthicInvertebrates) | QE13VAL | Required. Indicate the results of the assessment of this QE for all relevant surface water categories. '1' = High status or maximum potential. '2' = Good status or potential. '3' = Moderate status or potential (for QE1) or less than good status or potential (for QE2 and QE3). '4' = Poor status or potential (this option is only valid for quality elements starting with QE1). '5' = Bad status or potential (this option is only valid for quality elements starting with QE1). 'MonitoredButNotUsed' = Monitored but no standard has been developed and/or the QE is not used for status assessment (this option is only valid for quality elements starting with QE2 or QE3). 'Unknown' = Unknown status or potential. 'Not applicable' = Not applicable If there is no monitoring information for this QE and/or status is unknown then select ' Unknown' from the enumeration list. If the QE is not applicable in the surface water category or type then select option 'Not applicable' from the enumeration list. Quality checks: Within-schema check: if surfaceWaterCategory is 'TeW' then 'Not applicable' must be selected. If qeCode is any quality element starting with QE1, the option 'MonitoredButNotUsed' is not valid. If qeCode is any quality element starting with QE2 or QE3, the options '4' and '5' are not valid.  | string (1) | Mandatory | [WFD-Codelist: QEStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2.5 | [QE14Fish](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:QE14Fish) | QE14VAL | Required. Indicate the results of the assessment of this QE for all relevant surface water categories. '1' = High status or maximum potential. '2' = Good status or potential. '3' = Moderate status or potential (for QE1) or less than good status or potential (for QE2 and QE3). '4' = Poor status or potential (this option is only valid for quality elements starting with QE1). '5' = Bad status or potential (this option is only valid for quality elements starting with QE1). 'MonitoredButNotUsed' = Monitored but no standard has been developed and/or the QE is not used for status assessment (this option is only valid for quality elements starting with QE2 or QE3). 'Unknown' = Unknown status or potential. 'Not applicable' = Not applicable If there is no monitoring information for this QE and/or status is unknown then select ' Unknown' from the enumeration list. If the QE is not applicable in the surface water category or type then select option 'Not applicable' from the enumeration list. Quality checks: Within-schema check: if surfaceWaterCategory is 'TeW' then 'Not applicable' must be selected. If qeCode is any quality element starting with QE1, the option 'MonitoredButNotUsed' is not valid. If qeCode is any quality element starting with QE2 or QE3, the options '4' and '5' are not valid.  | string (1) | Mandatory | [WFD-Codelist: QEStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 3.1 | [EcologicalStatus](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:EcologicalStatus) | ECO\_STAT | Classification of the ecological status of natural water bodies according to WFD annex V (1.4.2.(i)) | string (1) | Conditional, mandatory for RwcharacterL Artificial = "N" and RwcharacterL HeavilyModified = "N"  | [WFD-Codelist: QualityStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 3.2 | [EcologicalPotential](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:EcologicalPotential) | ECO\_POT | Classification of the ecological potential of artificialor heavily modified water bodies according to WFDannex V (1.4.2.(ii)) | string (1) | Conditional, mandatory for RwcharacterL Artificial = "Y" or RwcharacterL HeavilyModified = "Y"  | [WFD-Codelist: QualityStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 4 | [ChemicalStatus](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:ChemicalStatus) | CHEM\_STAT | Classification of the chemical status according to WFD annex V 1.4.3 | string (1) | Mandatory | [WFD-Codelist: ChemicalQuality​StatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 5 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](http://www.wasserblick.net/servlet/is/83501/) |
| 6 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 7 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: LWSEGGEOML, Name: LakeSegmentGeomLight, Geometry type: Polygon

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | [Segment\_Name](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:Segment_Name) | S\_NAME | Local name of the waterbody-segment | string (100) | Optional |  |
| 2 | [EuropeanSegmentCode\_LS](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:LWSEGGEOM:EuropeanSegmentCode_LS) | EU\_CD\_LS | International Code for the LakeSegment. Consists of the MemberStateCode, the alpha-2-key for the feature class LakeSegment and the MemberStateSegmentCode\_LS (The latter consists of any unique code). Scheme: <MemberStateCode>\_<FeatureClassCode>\_ <CD\_LS> | string (42) | Mandatory, primary key | [WFD-Codelist: MemberStateCode](http://www.wasserblick.net/servlet/is/153494/) |
| 3 | [EuropeanCode\_LW](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:LWSEGGEOM:EuropeanCode_LW) | EU\_CD\_LW | International code of the LakeWaterBody. Consistsof the MemberStateCode, the key for the featureclass LakeWaterBody and a countryspecific uniqueidentifier (true for Germany: MS\_CD\_LW). Scheme:<MemberStateCode>\_ <FeatureClassCode>\_<ID> | string (42) | Mandatory | [WFD-Codelist: MemberStateCode + FeatureClassCode](http://www.wasserblick.net/servlet/is/153494/) |
| 4 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](http://www.wasserblick.net/servlet/is/83501/) |
| 5 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 6 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: LWCHARACTERL, Name: LakeWaterBodyCharacteristicsLight, Geometry type: None

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | [EuropeanCode\_LW](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_LWCHARACTER:EuropeanCode_LW) | EU\_CD\_LW | International code of the LakeWaterBody. Consists of the MemberStateCode, the key for the feature class LakeWaterBody and a countryspecific unique identifier (true for Germany: MS\_CD\_LW). Scheme: <MemberStateCode>\_ <FeatureClassCode>\_<ID> | string (42) | Mandatory, primary key | [WFD-Codelist: MemberStateCode + FeatureClassCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2 | WaterBody\_Name | W\_NAME | Waterbody name | string (100) | Mandatory |  |
| 3 | [EuropeanLakeWaterTypeCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Lwcharacter:EuropeanLakeWaterTypeCode) | EU\_LW\_TYPE | International code of the water types according to WFD annex II. | string (30) | Mandatory | [WFD-Codelist: EULakeWaterBodyType​Code](http://www.wasserblick.net/servlet/is/83501/) |
| 4 | [HeavilyModified](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_LWCHARACTER:HeavilyModified) | MODIFIED | Statement whether the water body is heavily modified | string (1) | Mandatory | [WFD-Codelist: YNStrictCode](http://www.wasserblick.net/servlet/is/153494/) |
| 5 | [Artificial](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_LWCHARACTER:Artificial) | ARTIFICIAL | Statement whether the water body is artificial | string (1) | Mandatory | [WFD-Codelist: YNStrictCode](http://www.wasserblick.net/servlet/is/153494/) |
| 6 | [RiskAssessmentEcological​Potential](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwcharacter:RiskAssessmentEcological%E2%80%8BPotential) | RISK\_ECPO | Risk assessment for the ecological potential (Target 2027) | string (1) | Conditional, mandatory for (Artificial = "Y" or HeavilyModified = "Y") | [WFD-Codelist: RiskStatusCode](http://www.wasserblick.net/servlet/is/83501/) |
| 7 | [RiskAssessmentChemicalStatus](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwcharacter:RiskAssessmentChemicalStatus) | RISK\_CHEM | Risk assessment for the chemical status (Target 2027) | string (1) | Mandatory | [WFD-Codelist: RiskStatusCode](http://www.wasserblick.net/servlet/is/83501/) |
| 8 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](http://www.wasserblick.net/servlet/is/83501/) |
| 9 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 10 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: LWSTATUSL, Name: LakeWaterBodyStatusLight, Geometry type: None

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | [EuropeanCode\_LW](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_LWSTATUS:EuropeanCode_LW) | EU\_CD\_LW | International code of the LakeWaterBody. Consists of the MemberStateCode, the key for the feature class LakeWaterBody and a countryspecific unique identifier (true for Germany: MS\_CD\_LW). Scheme: <MemberStateCode>\_ <FeatureClassCode>\_<ID> | string (42) | Mandatory, primary key | [WFD-Codelist: MemberStateCode + FeatureClassCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2.1 | [QE11Phytoplankton](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:QE11Phytoplankton) | QE11VAL | Required. Indicate the results of the assessment of this QE for all relevant surface water categories. '1' = High status or maximum potential. '2' = Good status or potential. '3' = Moderate status or potential (for QE1) or less than good status or potential (for QE2 and QE3). '4' = Poor status or potential (this option is only valid for quality elements starting with QE1). '5' = Bad status or potential (this option is only valid for quality elements starting with QE1). 'MonitoredButNotUsed' = Monitored but no standard has been developed and/or the QE is not used for status assessment (this option is only valid for quality elements starting with QE2 or QE3). 'Unknown' = Unknown status or potential. 'Not applicable' = Not applicable If there is no monitoring information for this QE and/or status is unknown then select ' Unknown' from the enumeration list. If the QE is not applicable in the surface water category or type then select option 'Not applicable' from the enumeration list. Quality checks: Within-schema check: if surfaceWaterCategory is 'TeW' then 'Not applicable' must be selected. If qeCode is any quality element starting with QE1, the option 'MonitoredButNotUsed' is not valid. If qeCode is any quality element starting with QE2 or QE3, the options '4' and '5' are not valid. | string (1) | Mandatory | [WFD-Codelist: QEStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2.2 | [QE123Macrophytes](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:QE123Macrophytes) | QE123VAL | Required. Indicate the results of the assessment of this QE for all relevant surface water categories. '1' = High status or maximum potential. '2' = Good status or potential. '3' = Moderate status or potential (for QE1) or less than good status or potential (for QE2 and QE3). '4' = Poor status or potential (this option is only valid for quality elements starting with QE1). '5' = Bad status or potential (this option is only valid for quality elements starting with QE1). 'MonitoredButNotUsed' = Monitored but no standard has been developed and/or the QE is not used for status assessment (this option is only valid for quality elements starting with QE2 or QE3). 'Unknown' = Unknown status or potential. 'Not applicable' = Not applicable If there is no monitoring information for this QE and/or status is unknown then select ' Unknown' from the enumeration list. If the QE is not applicable in the surface water category or type then select option 'Not applicable' from the enumeration list. Quality checks: Within-schema check: if surfaceWaterCategory is 'TeW' then 'Not applicable' must be selected. If qeCode is any quality element starting with QE1, the option 'MonitoredButNotUsed' is not valid. If qeCode is any quality element starting with QE2 or QE3, the options '4' and '5' are not valid.  | string (1) | Mandatory | [WFD-Codelist: QEStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2.3 | [QE124Phytobenthos](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:QE124Phytobenthos) | QE124VAL | Required. Indicate the results of the assessment of this QE for all relevant surface water categories. '1' = High status or maximum potential. '2' = Good status or potential. '3' = Moderate status or potential (for QE1) or less than good status or potential (for QE2 and QE3). '4' = Poor status or potential (this option is only valid for quality elements starting with QE1). '5' = Bad status or potential (this option is only valid for quality elements starting with QE1). 'MonitoredButNotUsed' = Monitored but no standard has been developed and/or the QE is not used for status assessment (this option is only valid for quality elements starting with QE2 or QE3). 'Unknown' = Unknown status or potential. 'Not applicable' = Not applicable If there is no monitoring information for this QE and/or status is unknown then select ' Unknown' from the enumeration list. If the QE is not applicable in the surface water category or type then select option 'Not applicable' from the enumeration list. Quality checks: Within-schema check: if surfaceWaterCategory is 'TeW' then 'Not applicable' must be selected. If qeCode is any quality element starting with QE1, the option 'MonitoredButNotUsed' is not valid. If qeCode is any quality element starting with QE2 or QE3, the options '4' and '5' are not valid.  | string (1) | Mandatory | [WFD-Codelist: QEStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2.4 | [QE13BenthicInvertebrates](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:QE13BenthicInvertebrates) | QE13VAL | Required. Indicate the results of the assessment of this QE for all relevant surface water categories. '1' = High status or maximum potential. '2' = Good status or potential. '3' = Moderate status or potential (for QE1) or less than good status or potential (for QE2 and QE3). '4' = Poor status or potential (this option is only valid for quality elements starting with QE1). '5' = Bad status or potential (this option is only valid for quality elements starting with QE1). 'MonitoredButNotUsed' = Monitored but no standard has been developed and/or the QE is not used for status assessment (this option is only valid for quality elements starting with QE2 or QE3). 'Unknown' = Unknown status or potential. 'Not applicable' = Not applicable If there is no monitoring information for this QE and/or status is unknown then select ' Unknown' from the enumeration list. If the QE is not applicable in the surface water category or type then select option 'Not applicable' from the enumeration list. Quality checks: Within-schema check: if surfaceWaterCategory is 'TeW' then 'Not applicable' must be selected. If qeCode is any quality element starting with QE1, the option 'MonitoredButNotUsed' is not valid. If qeCode is any quality element starting with QE2 or QE3, the options '4' and '5' are not valid.  | string (1) | Mandatory | [WFD-Codelist: QEStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2.5 | [QE14Fish](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:QE14Fish) | QE14VAL | Required. Indicate the results of the assessment of this QE for all relevant surface water categories. '1' = High status or maximum potential. '2' = Good status or potential. '3' = Moderate status or potential (for QE1) or less than good status or potential (for QE2 and QE3). '4' = Poor status or potential (this option is only valid for quality elements starting with QE1). '5' = Bad status or potential (this option is only valid for quality elements starting with QE1). 'MonitoredButNotUsed' = Monitored but no standard has been developed and/or the QE is not used for status assessment (this option is only valid for quality elements starting with QE2 or QE3). 'Unknown' = Unknown status or potential. 'Not applicable' = Not applicable If there is no monitoring information for this QE and/or status is unknown then select ' Unknown' from the enumeration list. If the QE is not applicable in the surface water category or type then select option 'Not applicable' from the enumeration list. Quality checks: Within-schema check: if surfaceWaterCategory is 'TeW' then 'Not applicable' must be selected. If qeCode is any quality element starting with QE1, the option 'MonitoredButNotUsed' is not valid. If qeCode is any quality element starting with QE2 or QE3, the options '4' and '5' are not valid.  | string (1) | Mandatory | [WFD-Codelist: QEStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 3.1 | [EcologicalStatus](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:EcologicalStatus) | ECO\_STAT | Classification of the ecological status of natural water bodies according to WFD annex V (1.4.2.(i)) | string (1) | Conditional, mandatory for LwcharacterL Artificial = "N" and LwcharacterL HeavilyModified = "N"  | [WFD-Codelist: QualityStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 3.2 | [EcologicalPotential](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:EcologicalPotential) | ECO\_POT | Classification of the ecological potential of artificial or heavily modified water bodies according to WFD annex V (1.4.2.(ii)) | string (1) | Conditional, mandatory for LwcharacterL Artificial = "Y" or LwcharacterL HeavilyModified = "Y"  | [WFD-Codelist: QualityStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 4 | [ChemicalStatus](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:ChemicalStatus) | CHEM\_STAT | Classification of the chemical status according to WFD annex V 1.4.3 | string (1) | Mandatory | [WFD-Codelist: ChemicalQuality​StatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 5 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](http://www.wasserblick.net/servlet/is/83501/) |
| 6 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 7 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: TWBODYGEOML, Name: TransitionalWatersGeomLight, Geometry type: Polygon

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | [EuropeanCode\_TW](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:TWBODYGEOM:EuropeanCode_TW) | EU\_CD\_TW | International key for the TransitionalWaterBody. The key consists of the MemberStateCode, the FeatureClassCode and a countryspecific unique identifier (true for Germany: MS\_CD\_TW). Scheme: <MemberStateCode>\_ <FeatureClassCode>\_<ID> | string (42) | Mandatory, primary key | [WFD-Codelist: MemberStateCode + FeatureClassCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](http://www.wasserblick.net/servlet/is/83501/) |
| 3 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 4 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: TWBODYCHARACTERL, Name: TransitionalWatersCharacteristicsLight, Geometry type: None

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | [EuropeanCode\_TW](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_TWBODYCHARACTER:EuropeanCode_TW) | EU\_CD\_TW | International key for the TransitionalWaterBody. The key consists of the MemberStateCode, the FeatureClassCode and a countryspecific unique identifier (true for Germany: MS\_CD\_TW). Scheme: <MemberStateCode>\_ <FeatureClassCode>\_<ID> | string (42) | Mandatory, primary key | [WFD-Codelist: MemberStateCode + FeatureClassCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2 | WaterBody\_Name | W\_NAME | Local name | string (100) | Mandatory |  |
| 3 | [EuropeanTransitionalWaterType​Code](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Twbodycharacter:EuropeanTransitionalWaterType%E2%80%8BCode) | EU\_TW\_TYPE | International code of types according to WFD annex II | string (30) | Mandatory | [WFD-Codelist: EUTransitionalWater​TypeCode](http://www.wasserblick.net/servlet/is/83501/) |
| 4 | [HeavilyModified](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_LWCHARACTER:HeavilyModified) | MODIFIED | Statement whether the water body is heavily modified | string (1) | Mandatory | [WFD-Codelist: YNStrictCode](http://www.wasserblick.net/servlet/is/153494/) |
| 5 | [Artificial](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_LWCHARACTER:Artificial) | ARTIFICIAL | Statement whether the water body is artificial | string (1) | Mandatory | [WFD-Codelist: YNStrictCode](http://www.wasserblick.net/servlet/is/153494/) |
| 6 | [RiskAssessmentEcological​Potential](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwcharacter:RiskAssessmentEcological%E2%80%8BPotential) | RISK\_ECPO | Risk assessment for the ecological potential (Target 2027) | string (1) | Conditional, mandatory for (Artificial = "Y" or HeavilyModified = "Y") | [WFD-Codelist: RiskStatusCode](http://www.wasserblick.net/servlet/is/83501/) |
| 7 | [RiskAssessmentChemicalStatus](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwcharacter:RiskAssessmentChemicalStatus) | RISK\_CHEM | Risk assessment for the chemical status (Target 2027) | string (1) | Mandatory | [WFD-Codelist: RiskStatusCode](http://www.wasserblick.net/servlet/is/83501/) |
| 8 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](http://www.wasserblick.net/servlet/is/83501/) |
| 9 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 10 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: TWSTATUSL, Name: TransitionalWaterBodyStatusLight, Geometry type: None

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | [EuropeanCode\_TW](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_TWBODYSTATUS:EuropeanCode_TW) | EU\_CD\_TW | International key for the TransitionalWaterBody. The key consists of the MemberStateCode, the FeatureClassCode and a countryspecific unique identifier (true for Germany: MS\_CD\_TW). Scheme: <MemberStateCode>\_ <FeatureClassCode>\_<ID> | string (42) | Mandatory, primary key | [WFD-Codelist: MemberStateCode + FeatureClassCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2.1 | [QE11Phytoplankton](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:QE11Phytoplankton) | QE11VAL | Required. Indicate the results of the assessment of this QE for all relevant surface water categories. '1' = High status or maximum potential. '2' = Good status or potential. '3' = Moderate status or potential (for QE1) or less than good status or potential (for QE2 and QE3). '4' = Poor status or potential (this option is only valid for quality elements starting with QE1). '5' = Bad status or potential (this option is only valid for quality elements starting with QE1). 'MonitoredButNotUsed' = Monitored but no standard has been developed and/or the QE is not used for status assessment (this option is only valid for quality elements starting with QE2 or QE3). 'Unknown' = Unknown status or potential. 'Not applicable' = Not applicable If there is no monitoring information for this QE and/or status is unknown then select ' Unknown' from the enumeration list. If the QE is not applicable in the surface water category or type then select option 'Not applicable' from the enumeration list. Quality checks: Within-schema check: if surfaceWaterCategory is 'TeW' then 'Not applicable' must be selected. If qeCode is any quality element starting with QE1, the option 'MonitoredButNotUsed' is not valid. If qeCode is any quality element starting with QE2 or QE3, the options '4' and '5' are not valid.  | string (1) | Mandatory | [WFD-Codelist: QEStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2.4 | [QE13BenthicInvertebrates](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:QE13BenthicInvertebrates) | QE13VAL | Required. Indicate the results of the assessment of this QE for all relevant surface water categories. '1' = High status or maximum potential. '2' = Good status or potential. '3' = Moderate status or potential (for QE1) or less than good status or potential (for QE2 and QE3). '4' = Poor status or potential (this option is only valid for quality elements starting with QE1). '5' = Bad status or potential (this option is only valid for quality elements starting with QE1). 'MonitoredButNotUsed' = Monitored but no standard has been developed and/or the QE is not used for status assessment (this option is only valid for quality elements starting with QE2 or QE3). 'Unknown' = Unknown status or potential. 'Not applicable' = Not applicable If there is no monitoring information for this QE and/or status is unknown then select ' Unknown' from the enumeration list. If the QE is not applicable in the surface water category or type then select option 'Not applicable' from the enumeration list. Quality checks: Within-schema check: if surfaceWaterCategory is 'TeW' then 'Not applicable' must be selected. If qeCode is any quality element starting with QE1, the option 'MonitoredButNotUsed' is not valid. If qeCode is any quality element starting with QE2 or QE3, the options '4' and '5' are not valid.  | string (1) | Mandatory | [WFD-Codelist: QEStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2.5 | [QE14Fish](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:QE14Fish) | QE14VAL | Required. Indicate the results of the assessment of this QE for all relevant surface water categories. '1' = High status or maximum potential. '2' = Good status or potential. '3' = Moderate status or potential (for QE1) or less than good status or potential (for QE2 and QE3). '4' = Poor status or potential (this option is only valid for quality elements starting with QE1). '5' = Bad status or potential (this option is only valid for quality elements starting with QE1). 'MonitoredButNotUsed' = Monitored but no standard has been developed and/or the QE is not used for status assessment (this option is only valid for quality elements starting with QE2 or QE3). 'Unknown' = Unknown status or potential. 'Not applicable' = Not applicable If there is no monitoring information for this QE and/or status is unknown then select ' Unknown' from the enumeration list. If the QE is not applicable in the surface water category or type then select option 'Not applicable' from the enumeration list. Quality checks: Within-schema check: if surfaceWaterCategory is 'TeW' then 'Not applicable' must be selected. If qeCode is any quality element starting with QE1, the option 'MonitoredButNotUsed' is not valid. If qeCode is any quality element starting with QE2 or QE3, the options '4' and '5' are not valid.  | string (1) | Mandatory | [WFD-Codelist: QEStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 3.1 | [EcologicalStatus](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_TWBODYSTATUS:EcologicalStatus) | ECO\_STAT | Classification of the ecological status of natural water bodies according to WFD annex V (1.4.2.(i)) | string (1) | Conditional, mandatory for TwcharacterL Artificial = "N" or TwcharacterL HeavilyModified = "N"  | [WFD-Codelist: QualityStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 3.2 | [EcologicalPotential](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_TWBODYSTATUS:EcologicalPotential) | ECO\_POT | Classification of the ecological potential of artificialor heavily modified water bodies according to WFDannex V (1.4.2.(ii)) | string (1) | Conditional, mandatory for TwcharacterL Artificial= "Y" or TwcharacterL HeavilyModified = "Y"  | [WFD-Codelist: QualityStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 4 | [ChemicalStatus](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:ChemicalStatus) | CHEM\_STAT | Classification of the chemical status according to WFD annex V 1.4.3 | string (1) | Mandatory | [WFD-Codelist: ChemicalQuality​StatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 5 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](http://www.wasserblick.net/servlet/is/83501/) |
| 6 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 7 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: CWBODYGEOML, Name: CoastalWatersGeomLight, Geometry type: Polygon

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | [EuropeanCode\_CW](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:CWBODYGEOM:EuropeanCode_CW) | EU\_CD\_CW | International code for CostalWaterBody. Consists of the MemberStateCode, the FeatureClassCodeand a countryspecific unique identifier (true for Germany: MS\_CD\_CW). Scheme: <MemberStateCode>\_ <FeatureClassCode>\_<ID> | string (42) | Mandatory, primary key | [WFD-Codelist: MemberStateCode + FeatureClassCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](http://www.wasserblick.net/servlet/is/83501/) |
| 3 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 4 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: CWBODYCHARACTERL, Name: CoastalWatersCharacteristicsLight, Geometry type: None

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | [EuropeanCode\_CW](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_CWBODYCHARACTER:EuropeanCode_CW) | EU\_CD\_CW | International code for CostalWaterBody. Consists of the MemberStateCode, the FeatureClassCode and a countryspecific unique identifier (true for Germany: MS\_CD\_CW). Scheme: <MemberStateCode>\_ <FeatureClassCode>\_<ID> | string (42) | Mandatory, primary key | [WFD-Codelist: MemberStateCode + FeatureClassCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2 | WaterBody\_Name | W\_NAME | Local name | string (100) | Mandatory |  |
| 3 | [EuropeanCoastalWaterTypeCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Cwbodycharacter:EuropeanCoastalWaterTypeCode) | EU\_CW\_TYPE | International code for Costal Water Types. | string (30) | Mandatory | [WFD-Codelist: EUCoastalWaterType​Code](http://www.wasserblick.net/servlet/is/83501/) |
| 4 | [HeavilyModified](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_LWCHARACTER:HeavilyModified) | MODIFIED | Statement whether the water body is heavily modified. | string (1) | Mandatory | [WFD-Codelist: YNStrictCode](http://www.wasserblick.net/servlet/is/153494/) |
| 5 | [Artificial](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_LWCHARACTER:Artificial) | ARTIFICIAL | Statement whether the water body is artificial | string (1) | Mandatory | [WFD-Codelist: YNStrictCode](http://www.wasserblick.net/servlet/is/153494/) |
| 6 | [RiskAssessmentEcological​Potential](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwcharacter:RiskAssessmentEcological%E2%80%8BPotential) | RISK\_ECPO | Risk assessment for the ecological potential (Target 2027) | string (1) | Conditional, mandatory for (Artificial = "Y" or HeavilyModified = "Y") | [WFD-Codelist: RiskStatusCode](http://www.wasserblick.net/servlet/is/83501/) |
| 7 | [RiskAssessmentChemicalStatus](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwcharacter:RiskAssessmentChemicalStatus) | RISK\_CHEM | Risk assessment for the chemical status (Target 2027) | string (1) | Mandatory | [WFD-Codelist: RiskStatusCode](http://www.wasserblick.net/servlet/is/83501/) |
| 8 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](http://www.wasserblick.net/servlet/is/83501/) |
| 9 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 10 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: CWSTATUSL, Name: CoastalWaterBodyStatusLight, Geometry type: None

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | [EuropeanCode\_CW](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_TWBODYSTATUS:EuropeanCode_CW) | EU\_CD\_CW | International code for CostalWaterBody. Consists of the MemberStateCode, the FeatureClassCode and a countryspecific unique identifier (true for Germany: MS\_CD\_CW). Scheme: <MemberStateCode>\_ <FeatureClassCode>\_<ID> | string (42) | Mandatory, primary key | [WFD-Codelist: MemberStateCode + FeatureClassCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2.1 | [QE11Phytoplankton](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:QE11Phytoplankton) | QE11VAL | Required. Indicate the results of the assessment of this QE for all relevant surface water categories. '1' = High status or maximum potential. '2' = Good status or potential. '3' = Moderate status or potential (for QE1) or less than good status or potential (for QE2 and QE3). '4' = Poor status or potential (this option is only valid for quality elements starting with QE1). '5' = Bad status or potential (this option is only valid for quality elements starting with QE1). 'MonitoredButNotUsed' = Monitored but no standard has been developed and/or the QE is not used for status assessment (this option is only valid for quality elements starting with QE2 or QE3). 'Unknown' = Unknown status or potential. 'Not applicable' = Not applicable If there is no monitoring information for this QE and/or status is unknown then select ' Unknown' from the enumeration list. If the QE is not applicable in the surface water category or type then select option 'Not applicable' from the enumeration list. Quality checks: Within-schema check: if surfaceWaterCategory is 'TeW' then 'Not applicable' must be selected. If qeCode is any quality element starting with QE1, the option 'MonitoredButNotUsed' is not valid. If qeCode is any quality element starting with QE2 or QE3, the options '4' and '5' are not valid.  | string (1) | Mandatory | [WFD-Codelist: QEStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2.4 | [QE13BenthicInvertebrates](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:QE13BenthicInvertebrates) | QE13VAL | Required. Indicate the results of the assessment of this QE for all relevant surface water categories. '1' = High status or maximum potential. '2' = Good status or potential. '3' = Moderate status or potential (for QE1) or less than good status or potential (for QE2 and QE3). '4' = Poor status or potential (this option is only valid for quality elements starting with QE1). '5' = Bad status or potential (this option is only valid for quality elements starting with QE1). 'MonitoredButNotUsed' = Monitored but no standard has been developed and/or the QE is not used for status assessment (this option is only valid for quality elements starting with QE2 or QE3). 'Unknown' = Unknown status or potential. 'Not applicable' = Not applicable If there is no monitoring information for this QE and/or status is unknown then select ' Unknown' from the enumeration list. If the QE is not applicable in the surface water category or type then select option 'Not applicable' from the enumeration list. Quality checks: Within-schema check: if surfaceWaterCategory is 'TeW' then 'Not applicable' must be selected. If qeCode is any quality element starting with QE1, the option 'MonitoredButNotUsed' is not valid. If qeCode is any quality element starting with QE2 or QE3, the options '4' and '5' are not valid.  | string (1) | Mandatory | [WFD-Codelist: QEStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 3.1 | [EcologicalStatus](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_CWBODYSTATUS:EcologicalStatus) | ECO\_STAT | Classification of the ecological status of natural water bodies according to WFD annex V (1.4.2.(i))  | string (1) | Conditional, mandatory for CwcharacterL Artificial = "N" and CwcharacterL HeavilyModified = "N"  | [WFD-Codelist: QualityStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 3.2 | [EcologicalPotential](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_CWBODYSTATUS:EcologicalPotential) | ECO\_POT | Classification of the ecological potential of artificial or heavily modified water bodies according to WFD annex V (1.4.2.(ii)) | string (1) | Conditional, mandatory for CwcharacterL Artificial = "Y" or CwcharacterL HeavilyModified = "Y"  | [WFD-Codelist: QualityStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 4 | [ChemicalStatus](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_RWSTATUS:ChemicalStatus) | CHEM\_STAT | Classification of the chemical status according to WFD annex V 1.4.3 | string (1) | Mandatory | [WFD-Codelist: ChemicalQuality​StatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 5 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](http://www.wasserblick.net/servlet/is/83501/) |
| 6 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 7 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: PAREA\_DL, Name: ProtectedAreaDrinkingLight, Geometry type: Polygon/Point

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | [EuropeanCode\_PD](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:PAREA_D:EuropeanCode_PD) | EU\_CD\_PD | International key of the protected area. The code consists of the MemberStateCode, the FeatureClassCode and the national key (see explanation of MS\_CD\_PD). | string (44) | Mandatory, primary key | [WFD-Codelist: MemberStateCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2 | [Name](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:PAREA_D:Name) | NAME | Name of the protected area | string (100) | Optional |  |
| 3 | [ProtectAreaType](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:PAREA_D:ProtectAreaType) | PROT\_TYPE | Type of protected area | string (1) | Conditional, mandatory for LAND\_CD like 'DE%' | [WFD-Codelist: ProtectedAreaType​Code\_Drinking](http://www.wasserblick.net/servlet/is/153494/) |
| 4 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](http://www.wasserblick.net/servlet/is/83501/) |
| 5 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 6 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: Parea\_HL, Name: ProtectedAreaHabitatLight, Geometry type: Line/Polygon

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | [EuropeanCode\_PH](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Parea_H:EuropeanCode_PH) | EU\_CD\_PH | International key of the protected area. The code consists of the MemberStateCode, the FeatureClassCode and the national key (see explanation of MS\_CD\_PH). | string (26) | Mandatory, primary key | [WFD-Codelist: MemberStateCode](http://www.wasserblick.net/servlet/is/83501/) |
| 2 | [Name](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:PAREA_D:Name) | NAME | Name of the protected area | string (100) | Optional |  |
| 3 | [ProtectAreaType](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Parea_H:ProtectAreaType) | PROT\_TYPE | Type of protected area | string (1) | Mandatory | [WFD-Codelist: ProtectedAreaType​Code](http://www.wasserblick.net/servlet/is/83501/) |
| 4 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](http://www.wasserblick.net/servlet/is/83501/) |
| 5 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 6 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: Parea\_BL, Name: ProtectedAreaBirdLight, Geometry type: Polygon

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | [EuropeanCode\_PB](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Parea_B:EuropeanCode_PB) | EU\_CD\_PB | International key of the protected area. The code consists of the MemberStateCode, the FeatureClassCode and the national key (see explanation of MS\_CD\_PB). Scheme: <MemberStateCode>\_ <FeatureClassCode>\_ <MS\_CD\_PB> | string (26) | Mandatory, primary key | [WFD-Codelist: MemberStateCode](http://www.wasserblick.net/servlet/is/83501/) |
| 2 | [Name](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:PAREA_D:Name) | NAME | Name of the protected area | string (100) | Optional |  |
| 3 | [ProtectAreaType](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Parea_H:ProtectAreaType) | PROT\_TYPE | Type of protected area | string (1) | Mandatory | [WFD-Codelist: ProtectedAreaType​Code](http://www.wasserblick.net/servlet/is/83501/) |
| 4 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](http://www.wasserblick.net/servlet/is/83501/) |
| 5 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 6 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: GWBODYGEOML, Name: GroundwaterBodyGeomLight, Geometry type: Polygon

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | [EuropeanCode\_GB](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:GWBODYGEOM:EuropeanCode_GB) | EU\_CD\_GB | International code for the groundwater body. The code consists of the MemberStateCode, the FeatureClassCode, the CountryStateCode and a countryspecific unique identifier (true for Germany: MS\_CD\_GB). Scheme: < MemberStateCode >\_ <FeatureClassCode>\_<ID> | string (44) | Mandatory, primary key | [WFD-Codelist: MemberStateCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](http://www.wasserblick.net/servlet/is/83501/) |
| 3 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 4 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: GWBODYCHARACTERL, Name: GroundwaterBodyCharacteristicsLight, Geometry type: None

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | [EuropeanCode\_GB](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_GWBODYCHARACTER:EuropeanCode_GB) | EU\_CD\_GB | International code for the groundwater body. The code consists of the MemberStateCode, the FeatureClassCode, the key for the feature class GroundWaterBody and a countryspecific unique identifier (true for Germany: MS\_CD\_GB). Scheme: <MemberStateCode>\_ <FeatureClassCode>\_<ID> | string (44) | Mandatory, primary key | [WFD-Codelist: MemberStateCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2 | [GwAtRiskQuantitative](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_GWBODYCHARACTER:GwAtRiskQuantitative) | RISKQUAN | Report whether the groundwater body is at risk of failing to be of good quantitative status. Please follow the approach given in the 'CIS Guidance Document No. 26: Risk assessment and the use of conceptual models' .  | string (1) | Mandatory | [WFD-Codelist: YNStrictCode](http://www.wasserblick.net/servlet/is/153494/) |
| 3 | RiskAssessmentQuantitativeStatus | RISK\_QUANT | Risk assessment for the quantitative status | string (1) | Mandatory | [WFD-Codelist:](https://www.wasserblick.net/servlet/is/83501/wfd_codelist.pdf?command=downloadContent&filename=wfd_codelist.pdf)[RiskStatusCode](https://www.wasserblick.net/servlet/is/83501/wfd_codelist.pdf?command=downloadContent&filename=wfd_codelist.pdf) |
| 4 | [GwAtRiskChemical](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_GWBODYCHARACTER:GwAtRiskChemical) | RISKCHEM | Report whether the groundwater body is at risk of failing to be of good chemical status. Please follow the approach given in the 'CIS Guidance Document No. 26: Risk assessment and the use of conceptual models'.  | string (1) | Mandatory | [WFD-Codelist: YNStrictCode](http://www.wasserblick.net/servlet/is/153494/) |
| 5 | RiskAssessmentChemicalStatus | RISK\_CHEM | Risk assessment for the chemical status | string (1) | Mandatory | [WFD-Codelist:](https://www.wasserblick.net/servlet/is/83501/wfd_codelist.pdf?command=downloadContent&filename=wfd_codelist.pdf)[RiskStatusCode](https://www.wasserblick.net/servlet/is/83501/wfd_codelist.pdf?command=downloadContent&filename=wfd_codelist.pdf) |
| 6 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](http://www.wasserblick.net/servlet/is/83501/) |
| 7 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 8 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: GWBODYSTATUSL, Name: GroundwaterBodyStatusLight, Geometry type: None

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | [EuropeanCode\_GB](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_GWBODYSTATUS:EuropeanCode_GB) | EU\_CD\_GB | International code for the groundwater body. The code consists of the MemberStateCode, the FeatureClassCode and a country specific unique identifier (true for Germany: MS\_CD\_GB). Scheme: <MemberStateCode>\_ <FeatureClassCode>\_<ID> For Germany:<CountryStateCode><FeatureClassCode> <MS\_CD\_GB> | string (44) | Mandatory, primary key | [WFD-Codelist: MemberStateCode](http://www.wasserblick.net/servlet/is/153494/) |
| 2 | [QuantitativeStatus](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_GWBODYSTATUS:QuantitativeStatus) | QUANT\_STAT | Quantitative Status | string (1) | Mandatory | [WFD-Codelist: QuantityStatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 3 | [ChemicalStatus](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_GWBODYSTATUS:ChemicalStatus) | CHEM\_STAT | Chemical Status | string (1) | Mandatory | [WFD-Codelist: ChemicalQuality​StatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 4 | [ChemicalStatusNitrat](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:TEMP_GWBODY_WK:ChemicalStatusNitrat) | NITRAT | Compliance of ecological quality standards for chemical state of nitrat; GE2-4 elements | string (1) | Mandatory | [WFD-Codelist: ChemicalQuality​StatusCode](http://www.wasserblick.net/servlet/is/153494/) |
| 5 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2 , the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](http://www.wasserblick.net/servlet/is/83501/) |
| 6 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 7 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |

# Template short name: WBEXEMPTL, Name: WaterBodyExemptionsLight, Geometry type: None

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Attribute** | **Attribute short name** | **Definition** | **Type** | **Obligation** | **Attribute values** |
| 1 | [EuropeanCode\_WB](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_WBEXEMPT:EuropeanCode_WB) | EU\_CD\_WB | International code of reported waterbodies. <MemberStateCode>\_ <FeatureClassCode>\_ <CountryStateCode>\_<ID>. | string (42) | Mandatory, primary key |  |
| 2 | [WBCategory](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_WBEXEMPT:WBCategory) | WB\_CAT | Waterbody Category | string (2) | Mandatory, primary key | [WFD-Codelist: WaterbodyTypeCode](http://www.wasserblick.net/servlet/is/153494/) |
| 3 | [EnvironmentalObjective\_Date](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_WBEXEMPT:EnvironmentalObjective_Date) | ENOBJDT | If the ecological or quantitative status will not be reached by 2021, the planned date of achieving the target must be stated here | string (2) | Conditional, mandatory for ECO/POT/QUANT​\_STAT > 2 | [WFD-Codelist: ExtendedDeadLine​Code](http://www.wasserblick.net/servlet/is/153494/) |
| 4 | [EnvironmentalObjective\_Date\_Chem](https://schablonenwiki2016.geronimus.info/doku.php?id=schablonen:WFD_WBEXEMPT:EnvironmentalObjective_Date_Chem) | ENOBJDT\_CH | If the chemical status will not be reached by 2021, the planned date of target achievement must be stated here | string (2) | Conditional, mandatory for CHEM\_STAT > 2 | [WFD-Codelist: ExtendedDeadLine​Code](http://www.wasserblick.net/servlet/is/153494/) |
| 5 | AchievementObjectiveEco | RISK\_ECPO | Achievement of objectives ecological status / ecological potential in 2021 | string (1) | Mandatory | [WFD-Codelist:](https://www.wasserblick.net/servlet/is/83501/wfd_codelist.pdf?command=downloadContent&filename=wfd_codelist.pdf)[RiskStatusCode](https://www.wasserblick.net/servlet/is/83501/wfd_codelist.pdf?command=downloadContent&filename=wfd_codelist.pdf) |
| 6 | AchievementObjectiveChem | RISK\_CHEM | Achievement of objectives chemical status in 2021 | string (1) | Mandatory | [WFD-Codelist:](https://www.wasserblick.net/servlet/is/83501/wfd_codelist.pdf?command=downloadContent&filename=wfd_codelist.pdf)[RiskStatusCode](https://www.wasserblick.net/servlet/is/83501/wfd_codelist.pdf?command=downloadContent&filename=wfd_codelist.pdf) |
| 7 | [CountryStateCode](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:CountryStateCode) | LAND\_CD | The Country State Code consists of two alpha-2-parts, follwing DIN EN ISO 3166-1, the MemberStateCode and DIN ISO 3166-2, the smaller administrative area (Bundesland). | string (4) | Mandatory | [WFD-Codelist: CountryStateCode](http://www.wasserblick.net/servlet/is/83501/) |
| 8 | [InsertedWhen](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedWhen) | INS\_WHEN | Data's validity date | date (8) | Mandatory | YYYYMMDD |
| 9 | [InsertedBy](http://schablonenwiki.geronimus.info/doku.php?id=schablonen:Rwseggeom:InsertedBy) | INS\_BY | Contact partner | string (15) | Mandatory |  |