

**Short GIS guidance for reporting under the Urban Waste
Water Treatment Directive, Appendix 1
Data Dictionary**

Data Dictionary

According to the WFD CIS Guidance Document the aim of a Data Dictionary is to provide a common understanding of the file / table structure that should be used for the report of both tabular data and geographic datasets to the Commission.

Note: Further developments of WISE-GIS guidance have to be considered here.

The recommended file names and geometry of the UWWTD tabular data and geographic data are listed in the Table 1 below.

Table 1

UWWTD datasets	Recommended File Name	Geometry Type
Agglomeration	MS*_Agglo	point/table
UWWTP	MS*_UWWTP	Point/table
Discharge Point	MS*_DisPoint	Point/table
Sensitive Area - river	MS*_SA_river	Line/shape
Sensitive Area - lake	MS*_SA_lake	Polygon/shape
Sensitive Area – coastline	MS*_SA_coastl	Line/shape
Sensitive Area – coast area	MS*_SA_coasta	Polygon/shape
Sensitive Area – transitional water	MS*_SA_TW	Polygon/shape
Sensitive Area - catchment	MS*_SA_catchm	Polygon/shape
Less sensitive Area – transitional water	MS*_LSA_TW	Polygon/shape
Less sensitive area - coastline	MS*_LSA_coastl	Line/shape

*MS = 2 character Member State identifier (for example UK_SA_river = Sensitive area river of United Kingdom)

The recommended attributes for each UWWTD geographic shape file are described in Tables 2 to 7. For each attribute a field name (shortened due to physical restriction on field name length e.g. dbase – 10 character), a text description, a generic field type and length, together with any restrictions (whether mandatory or optional) are provided.

Remark: The tables for point information (agglomeration, UWWTPs and Discharge Points) are covered by the electronic UWWTD-Questionnaire 2007 and therefore, not further explained in this document.

Table 2: MS*_SA_river

MS*_SA_river						
Attribute	FieldName	Definition	Values	Type	Length	Restrictions
shape	SHAPE			Geometry (line)		
Name	NAME	Locally used name		String	100	Mandatory**
MemberStateSARiverCode	MSCD_SA_RV	Unique code for Receiving area at Member State level		String	22	Mandatory**, as per coding guidelines
EuropeanSARiverCode	EUCDSA_RV	Unique code for Receiving area at EU level	ISO3166 & MSCD SA_RV	String	24	Mandatory**, as per coding guidelines
Length	LENGTHKM	Total length of the River		Double	9,2	Optional**

**mandatory' and 'optional' in technical terms in sense of GIS data

Table 3: MS*_SA_lake

MS*_SA_lake						
Attribute	FieldName	Definition	Values	Type	Length	Restrictions
shape	SHAPE			Geometry (polygon)		
Name	NAME	Locally used name		String	100	Mandatory**
EuropeanSALakeCode	EUCD_SA_LK	Unique code for Receiving area at EU level	ISO3166 & MSCD_SA_LK	String	24	Mandatory**, as per coding guidelines
MemberStateSALakeCode	MSCDSA_LK	Unique code for Receiving area at Member State level		String	22	Mandatory**, as per coding guidelines
AreaKM2	AREAKM2	Area in square kilometers		Double	9,2	Optional**

**mandatory' and 'optional' in technical terms in sense of GIS data

Table 4: MS*_SA_coastl

MS*_SA_coastl						
Attribute	FieldName	Definition	Values	Type	Length	Restrictions
shape	SHAPE			Geometry (line)		
Name	NAME	Locally used name		String	100	Mandatory**
EuropeanSACoastlineCode	EUCDSA_CL	Unique code for Receiving area at EU level	ISO3166 & MSCDSA_CL	String	24	Mandatory**, as per coding guidelines
MemberStateSACoastlineCode	MSCDSA_CL	Unique code for Receiving area at Member State level		String	22	Mandatory**, as per coding guidelines
Length	LENGTHKM	Total length of the coastline		Double	9,2	Optional**

**mandatory' and 'optional' in technical terms in sense of GIS data

Table 5: MS*_SA_coasta

MS*_SA_coasta						
Attribute	FieldName	Definition	Values	Type	Length	Restrictions
shape	SHAPE			Geometry (polygon)		
Name	NAME	Locally used name		String	100	Mandatory**
EuropeanSACoastareaCode	EUCD_SA_CA	Unique code for Receiving area at EU level	ISO3166 & MSCDSA_CA	String	24	Mandatory**, as per coding guidelines
MemberStateSACoastareaCode	MSCD_SA_CA	Unique code for Receiving area at Member State level		String	22	Mandatory**, as per coding guidelines
AreaKM2	AREAKM2	Area in square kilometers		Double	9,2	Mandatory**

**mandatory' and 'optional' in technical terms in sense of GIS data

Table 6: MS*_SA_TW

MS*_SA_TW						
Attribute	FieldName	Definition	Values	Type	Length	Restrictions
shape	SHAPE			Geometry (polygon)		
Name	NAME	Locally used name		String	100	Mandatory**

EuropeanSATransitionalwaterCode	EUCD_SA_TW	Unique code for Receiving area at EU level	ISO3166 & MSCDSA_TW	String	24	Mandatory**, as per coding guidelines
MemberStateEuropeanSATransitionalwaterCode	MSCD_SA_TW	Unique code for Receiving area at Member State level		String	22	Mandatory**, as per coding guidelines
AreaKM2	AREAKM2	Area in square kilometers		Double	9,2	Mandatory**

***mandatory' and 'optional' in technical terms in sense of GIS data

Table 7: MS*_SA_catchm

Attribute	FieldName	Definition	Values	Type	Length	Restrictions
MS*_SA_catchm						
shape	SHAPE			Geometry (polygon)		
Name	NAME	Locally used name		String	100	Mandatory**
EuropeanSACatchmentCode	EUCD_SA_CM	Unique code for Receiving area at EU level	ISO3166 & MSCDSA_CM	String	24	Mandatory**, as per coding guidelines
MemberStateSACatchmentCode	MSCD_SA_CM	Unique code for Receiving area at Member State level		String	22	Mandatory**, as per coding guidelines
AreaKM2	AREAKM2	Area in square kilometers		Double	9,2	Mandatory**

***mandatory' and 'optional' in technical terms in sense of GIS data

Table 8: MS*_LSA_TW

Attribute	FieldName	Definition	Values	Type	Length	Restrictions
MS*_LSA_TW						
shape	SHAPE			Geometry (polygon)		
Name	NAME	Locally used name		String	100	Mandatory**
EuropeanLSATransitionalwaterCode	EUCD_LSATW	Unique code for Receiving area at EU level	ISO3166 & MSCDLSATW	String	24	Mandatory**, as per coding guidelines
MemberStateLSATransitionalwaterCode	MSCD_LSATW	Unique code for Receiving area at Member State level		String	22	Mandatory* as per coding guidelines
AreaKM2	AREAKM2	Area in square kilometers		Double	9,2	Mandatory**

***mandatory' and 'optional' in technical terms in sense of GIS data

Table 9: MS*_LSA_coastl

Attribute	FieldName	Definition	Values	Type	Length	Restrictions
MS*_LSA_coastl						
shape	SHAPE			Geometry (line)		
Name	NAME	Locally used name		String	100	Mandatory**
EuropeanLSACoastlineCode	EUCD_LSACL	Unique code for Receiving area at EU level	ISO3166 & MSCDLSACL	String	24	Mandatory**, as per coding guidelines
MemberStateLSACoastlineCode	MSCD_LSACL	Unique code for Receiving area at Member State level		String	22	Mandatory**, as per coding guidelines
AreaKM2	AREAKM2	Area in square kilometers		Double	9,2	Mandatory**

**mandatory' and 'optional' in technical terms in sense of GIS data