



## ~ Methodology ~

# ANNUAL REPORT ON PUBLIC SEWAGE SYSTEM

### **LEGAL BASIS**

The survey is carried out in accordance with the Law on Statistics of Republika Srpska ("Official Gazette of Republika Srpska", No. 85/03) and the Statistical Programme of Republika Srpska for the period 2018-2021.

### **METHODOLOGICAL BASIS**

#### ***AIM AND CONTENT***

The aim of this survey is to provide annual data on municipal wastewater, as well as data on type and length of the sewage network and devices for wastewater purification..

#### ***OBSERVATION UNITS / REPORTING UNITS***

Observation units are business entities whose activity, according to the KD BiH 2010, is classified into division 37 (Sewerage – in section E), that is, business entities that run the public sewage system in the territory of Republika Srpska. KD BiH 2010 fully complies with the EU NACE Rev.2 classification. Observation units are also reporting units.

#### ***COVERAGE***

This survey covers all business entities registered on the territory of Republika Srpska, which run the public sewage system.

#### ***METHOD AND PERIOD OF DATA COLLECTION***

Data within this survey are collected through the Annual report on public sewage system (VOD-2K). Reporting units fill out the VOD-2K questionnaire on the basis of their book-keeping records and technical documentation and based on professional estimate in cases when the necessary documentation and records are not available. Such completed questionnaires are submitted by reporting units to the regional office of the Republika Srpska Institute of Statistics until 1<sup>st</sup> March of the current year for the previous year.

## ***PROTECTION OF CONFIDENTIAL DATA***

Aggregate data for the level of Republika Srpska are published. Confidential data are protected pursuant to Articles 25 and 27 of the Law on Statistics of Republika Srpska ("Official Gazette of Republika Srpska", No. 85/03) and in accordance with the Rules of protection of confidential data.

## ***DEFINITIONS***

**Public sewage system** is a network of drains and pipes for drainage of wastewater and atmospheric waters from settlements.

**Primary treatment** represents the first degree of purification of wastewater, through physical and/or chemical processes.

**Secondary treatment** represents the second degree of purification of wastewater, through biological processes.

**Tertiary treatment** represents the third degree of purification of wastewater, through which phosphorus and/or nitrogen are eliminated after secondary treatment.

**Length of sewage collection network** is the length of closed street drains or pipes for drainage of wastewater and atmospheric waters from settlements, excluding the length of connections and networks in homes.

**Main sewer** is a collection drain which drains wastewater from an entire settlement or its part to the device for water purification or to the water recipient.

**Sewer connection** is the connection between the object and street sewage system or the connection between objects through which household wastewater gets into the sewage network.

**Street gullies** are objects connected to the sewage network, mainly at street crossroads, which receive atmospheric waters from street surfaces, squares, etc.

## ***COMPLIANCE WITH INTERNATIONAL RECOMMENDATIONS AND STANDARDS***

Annual report on public sewage system is carried out in accordance with the requirements of the joint OECD/Eurostat questionnaire on inland waters and the UNSD/UNEP environment statistics questionnaire –Waters.

## ***IMPLEMENTATION ORGANISATION***

### ***AUTHORITIES IMPLEMENTING THE STATISTICAL SURVEY***

Authorised producer of data on public sewage system is the Republika Srpska Institute of Statistics. Collection of data is carried out in the regional offices of the Republika Srpska Institute of Statistics, while entry and processing of data are the responsibility of the Division for Production Statistics of the Institute.

### ***OBLIGATION TO PROVIDE DATA***

Reporting units must submit data to the Republika Srpska Institute of Statistics pursuant to the Law on Statistics of Republika Srpska.

## ***IMPLEMENTATION FREQUENCY***

Reporting units must submit data to the relevant regional office of the Republika Srpska Institute of Statistics until 1<sup>st</sup> March for the previous year. Data are published on 1<sup>st</sup> September.

## **INSTRUMENTS**

### ***QUESTIONNAIRE***

The questionnaire “Annual report on public sewage system – VOD-2K”, used to implement this survey, is available at the official website of the Institute, at:

[http://www2.rzs.rs.ba/static/uploads/obrasci/zastita\\_zivotne\\_sredine/2016/Obrazac\\_VOD\\_2K\\_2016.pdf](http://www2.rzs.rs.ba/static/uploads/obrasci/zastita_zivotne_sredine/2016/Obrazac_VOD_2K_2016.pdf)

### ***INSTRUCTIONS FOR COMPLETING THE QUESTIONNAIRE***

Instructions for completing the questionnaire are available at:

[http://www2.rzs.rs.ba/static/uploads/obrasci/zastita\\_zivotne\\_sredine/2016/Uputstvo\\_VOD\\_2K\\_2016.pdf](http://www2.rzs.rs.ba/static/uploads/obrasci/zastita_zivotne_sredine/2016/Uputstvo_VOD_2K_2016.pdf)

## **PUBLISHING**

Data are published in the annual release “Public sewage system”, in the Statistical Yearbook, in the publication “This is Republika Srpska”, in the statistical bulletin “Environment”, and in the publication “Cities and Municipalities of Republika Srpska”.

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### **Last updated:**

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