



## ~ Methodology ~

# ANNUAL REPORT ON UTILISATION AND PROTECTION OF WATER AGAINST POLLUTION IN INDUSTRY

## 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 2013-2017.

## METHODOLOGICAL BASIS

### *AIM AND CONTENT*

The aim of this survey is to collect annual data on the volume of captured, used and discharged wastewater in industry.

### *OBSERVATION UNITS / REPORTING UNITS*

Observation units are business entities whose activity, according to the KD BiH 2010<sup>1)</sup>, is classified into the sections Mining and quarrying (B), Manufacturing (C) and Electricity, gas, steam and air-conditioning supply (D), that use and discharge water, regardless of their water supply source and recipient of wastewater, as well as industrial units of non-industrial enterprises. Observation units are also reporting units.

### *COVERAGE*

Annual report on utilisation and protection of water against pollution covers all active business entities from the Statistical Business Register (SBR), whose principal or secondary activity is industry, with 10 or more employees. When determining the coverage, the basic condition must be met: coverage of 90% of total production at the level of classes of economic activities.

Annual report on utilisation and protection of water against pollution covers all active business entities from the Statistical Business Register, whose principal activity, according to the Classification of Economic Activities KD BiH 2010<sup>1)</sup> is classified into the sections B, C or D, with the value of product sale exceeding 100,000 KM or with more than 5 employees.

### *METHOD AND PERIOD OF DATA COLLECTION*

Data within this survey are collected through the Annual report on utilisation and protection of water against pollution in industry (VOD-1). Reporting units fill out the VOD-1 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 5<sup>th</sup> May of the current year for the previous year.

<sup>1)</sup> KD BiH 2010 is based on NACE Rev.2

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## ***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***

**Used waters** are waters (fresh and previously used by other business entities) used by enterprises during the reporting year for technological processes, to drive turbines in hydro power plants, for sanitary purposes, and for other purposes.

**Wastewater refers** to the volumes of water treated as wastewater after utilisation. These volumes of water are transported to the device for purification or discharged into the ground, into groundwater or into surface water. Wastewater does not include atmospheric water and flowing water from hydropower plants.

**Purified waters** are wastewaters that have undergone a primary, secondary and/or tertiary treatment process, in order to meet environmental standards before discharging, or to meet certain quality standards for water intended for reuse.

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

Annual report on utilisation and protection of water against pollution in industry 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 utilisation and protection of water against pollution 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 5<sup>th</sup> May for the previous year. Data are published annually, on 1<sup>st</sup> September.

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## **INSTRUMENTS**

### ***QUESTIONNAIRE***

The questionnaire “Annual report on utilisation and protection of water against pollution – VOD-1”, used to implement this survey, is available at the official website of the Institute, at:

[http://www2.rzs.rs.ba/static/uploads/obraci/zastita\\_zivotne\\_sredine/2016/Obrazac\\_VOD\\_1\\_2016.pdf](http://www2.rzs.rs.ba/static/uploads/obraci/zastita_zivotne_sredine/2016/Obrazac_VOD_1_2016.pdf)

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

Instructions for completing the questionnaire are available at:

[http://www2.rzs.rs.ba/static/uploads/obraci/zastita\\_zivotne\\_sredine/2016/Uputstvo\\_VOD\\_1\\_2016.pdf](http://www2.rzs.rs.ba/static/uploads/obraci/zastita_zivotne_sredine/2016/Uputstvo_VOD_1_2016.pdf)

## **PUBLISHING**

Data are published in the annual release “Utilisation and protection of water against pollution in industry”, as well as in the Statistical Yearbook, in the publication “This is Republika Srpska” and in the statistical bulletin “Environment”.

## **ONLINE DATABASE**

An online database is available at the official website of the Republika Srpska Institute of Statistics. The database provides a series of data on industrial water supply by source and industrial wastewater.

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### **Last updated:**

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