



SUPPLEMENTARY MATERIAL TO

**Determination of bisphenol A traces in water samples from the Vrbas River and its tributaries, Bosnia and Herzegovina**

DAJANA SAVIĆ<sup>1\*</sup>, MILICA BALABAN<sup>2</sup>, NEBOJŠA PANTELIĆ<sup>1</sup>, DEJANA N. SAVIĆ<sup>2</sup>, MALIŠA ANTIĆ<sup>1</sup>, RADOSLAV DEKIĆ<sup>2</sup> and VESNA ANTIĆ<sup>1</sup>

<sup>1</sup>University of Belgrade – Faculty of Agriculture, Nemanjina 6, Belgrade-Zemun, Serbia and

<sup>2</sup>University of Banja Luka, Faculty of Natural Sciences and Mathematics, Mladena Stojanovića 2, Banja Luka, Bosnia and Herzegovina

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DESCRIPTION OF THE SAMPLING SITES

The Vrbas is a river that springs below the mountain Zec, and after a 250 km long course, it flows into the river Sava near Srbac, at 96 m above elevation. The catchment area of this river is about 5,900 km<sup>2</sup>, and about 500 thousand inhabitants live on its banks.

In this paper, the water of five tributaries of the Vrbas, which flow into the Vrbas at different locations, was taken in the summer at low water levels in the area of the city of Banja Luka. Water samples were taken from the river Švrakava (it flows into the Vrbas upstream from the city), the rivers Suturlija, Crkvena and Vrbanja (they flow into the Vrbas in the city itself), and from the river Dragočajska, which flows into the Vrbas downstream from the city of Banja Luka. Water samples were also taken at the mouth of the tributaries to the Vrbas. In addition, river water samples taken from the Vrbas at locations which are 50–70 m downstream of the mouth of each of the Vrbas tributaries were analyzed. Fig. S-1 shows a map of Banja Luka's city and the Vrbas River's position and its tributaries with the sampling points. The tributaries are marked by a number denoting locations related to the Vrbas from south to north. The numbers from 1 to 5 denote Švrakava, Suturlija, Crkvena, Vrbanja, and Dragočajska River, respectively. Water samples taken from tributaries are designated as T1–T5, while water samples taken at the mouth of the tributary are designated as MT1–MT3. Water samples from the Vrbas River taken 50–70 m downstream from the mouth of the tributary are marked V1–V4.

\* Corresponding author. E-mail: dajana.savic@agrif.bg.ac.rs

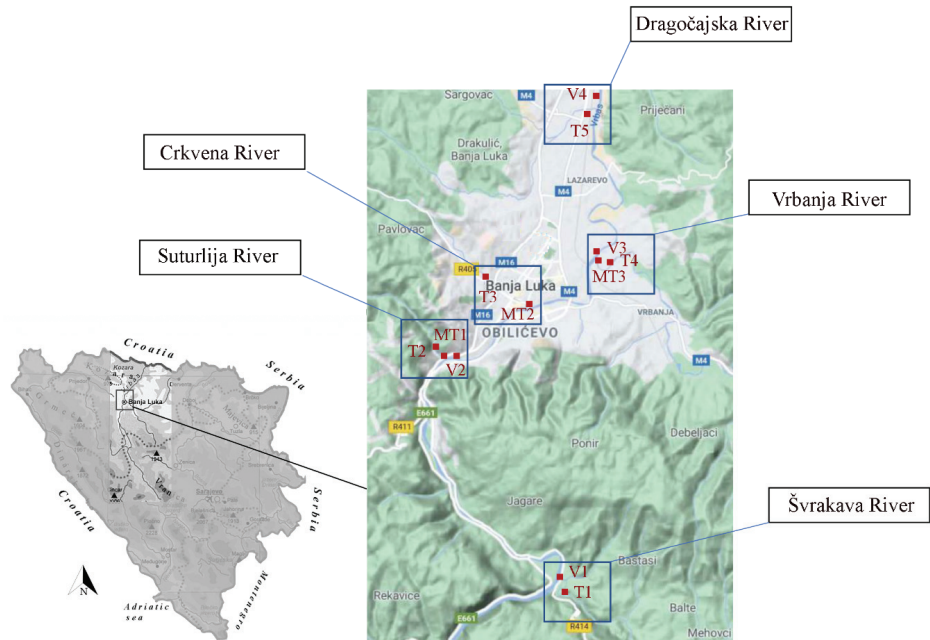


Fig. S-1. The river flow of Vrbas and five tributaries (Švrakava, Suturlija, Crkvena, Vrbanja, and Dragočajska) with indicated sampling locations of river water.