



---

## **STUDIES OF THE QUALITY INDICATORS FOR MUNICIPAL WASTEWATER IN A TOWN FROM GORJ COUNTY**

**Camelia Capatina<sup>1\*</sup>, Gheorghe Lazar<sup>2</sup>**

<sup>1</sup>*"Constantin Brancusi" University of Tg-Jiu, 1 Republicii Blvd., Tg-Jiu, 210152, Gorj, Romania,*

<sup>2</sup>*Environmental Protection Agency, 76 Unirii st., 210152, Tg-Jiu, Gorj, Romania*

---

### **Abstract**

This paper discusses some quality indicators determined for municipal wastewater discharged from the town of Matasari, Gorj County, Romania, related to the efficiency of the wastewater treatment plant. The quality indicators were analyzed according to national regulation NTPA 001/2002, which refers to the limits of pollutant loads in the wastewater discharged in natural receptors. The efficiency of wastewater treatment plant was appreciated dependent on the seasonal temperature variation considering physical, chemical and biological indicators. It was found that the treatment efficiency is greatly dependent on the wastewater temperature and this aspect will affect the quality of the natural receiver.

*Keywords:* wastewater, quality indicators, treatment plant

---

---

\* Author to whom all correspondence should be addressed: e-mail: [cam@utgjiu.ro](mailto:cam@utgjiu.ro)