



Watch Water Turkey

CASE STUDY

Municipal Drinking Water Treatment



Technology: **Katalox-Light®**

Capacity: **500 m³/h**

Status: **Commissioned & In Operation**

ABOUT THE PROJECT

A large municipal drinking water treatment plant in Turkey was commissioned using **Katalox-Light®** filtration media for the removal of **iron, manganese, turbidity, and colour**. The system treats raw water with elevated **iron and manganese levels**, achieving a significant reduction to meet **drinking water quality requirements**. The catalytic properties of **Katalox-Light®** enable effective oxidation and filtration in a single media bed, ensuring stable long-term operation with low chemical demand.

This project demonstrates the suitability of **Katalox-Light®** for **high-capacity municipal applications with demanding raw water conditions**.

Parameter	Unit	Raw Water Entrance	Purified Water Output
Turbidity	NTU	7.8	0.21
Colour	Pt-Co	12	0
Iron	µg /lt	113.8	40.96
Manganese	µg /lt	11.4	1.75
pH	-	8.13	8.07

KATALOX
LIGHT



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ER
WATCH WATER

a Water Company

Watch-Water® GmbH
Fahrlachstraße 14
68165 Mannheim, Germany

☎ Tel. +49 621 87951-0
☎ Fax +49 621 87951-99
✉ info@watchwater.de