

# Water Quality Report

Water\_Quality\_Drains\_STPs\_WTPs\_2023.pdf

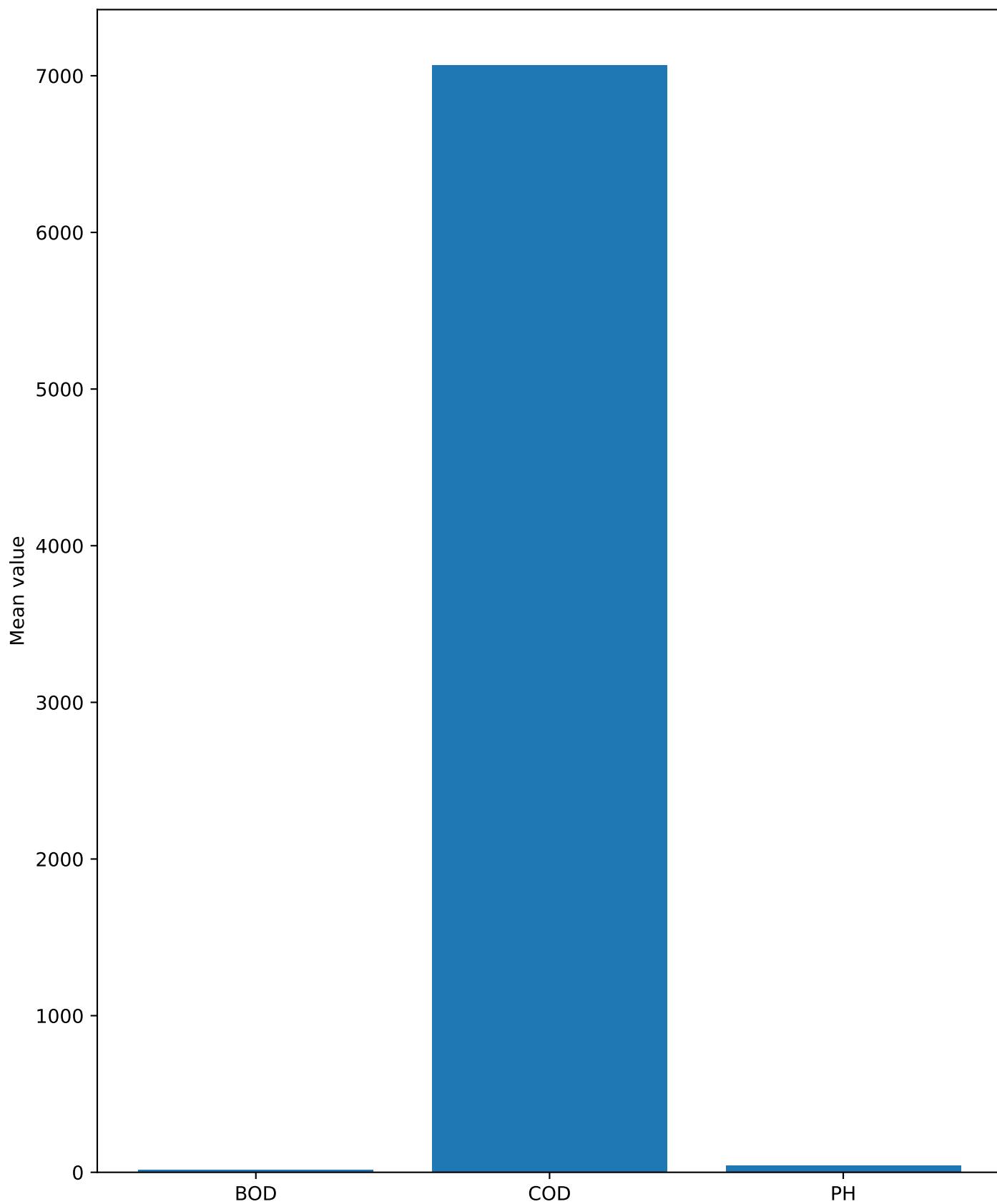
Generated: 2025-11-19T17:53:09.110922 UTC

## **Summary:**

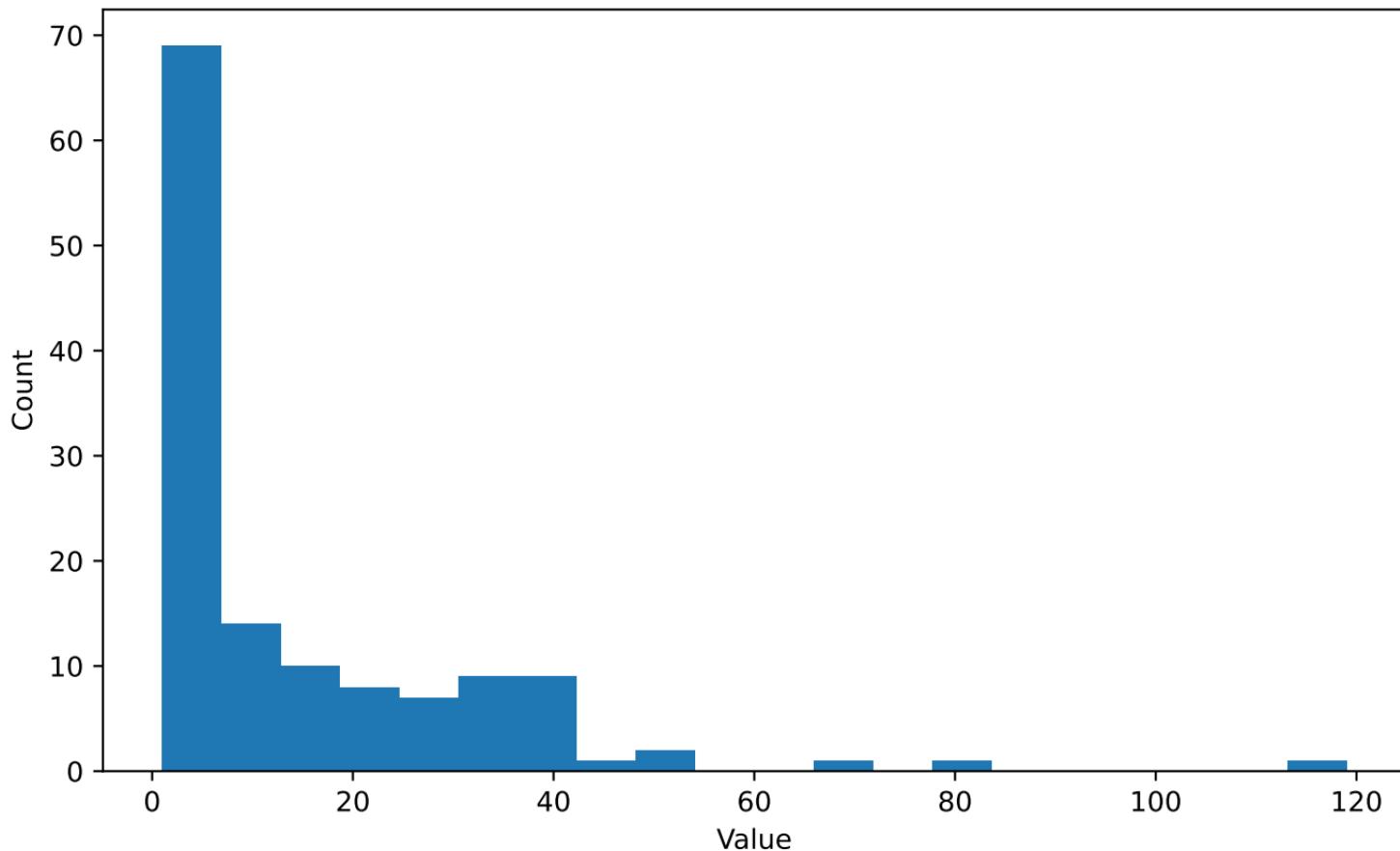
Parsed numeric counts: BOD=132, DO=0, COD=137, pH=138, TDS=0  
Score (heuristic): 0.5 -> GOOD

### **Top plain-text extract (first 4000 chars):**

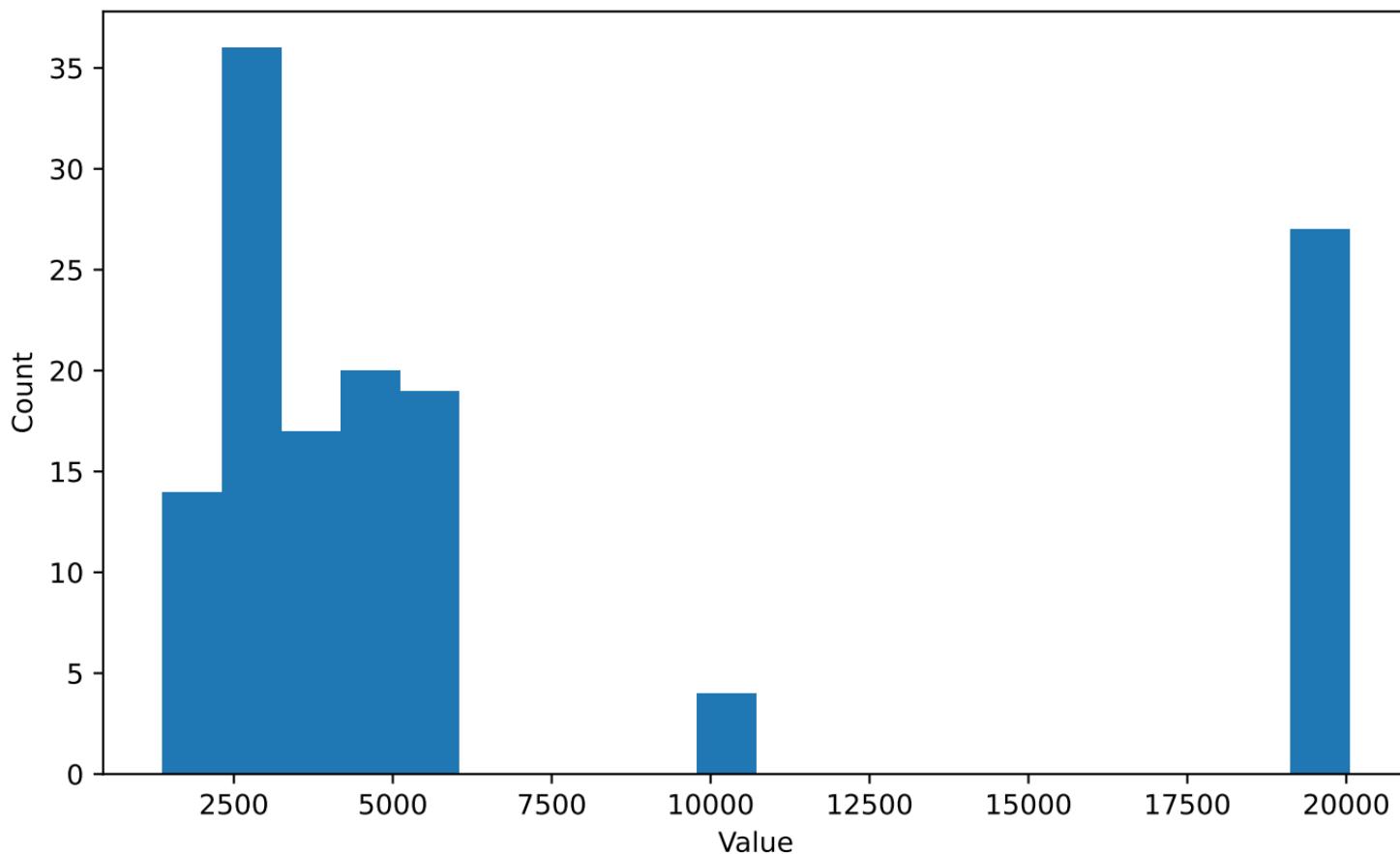
Mean Parameter Values



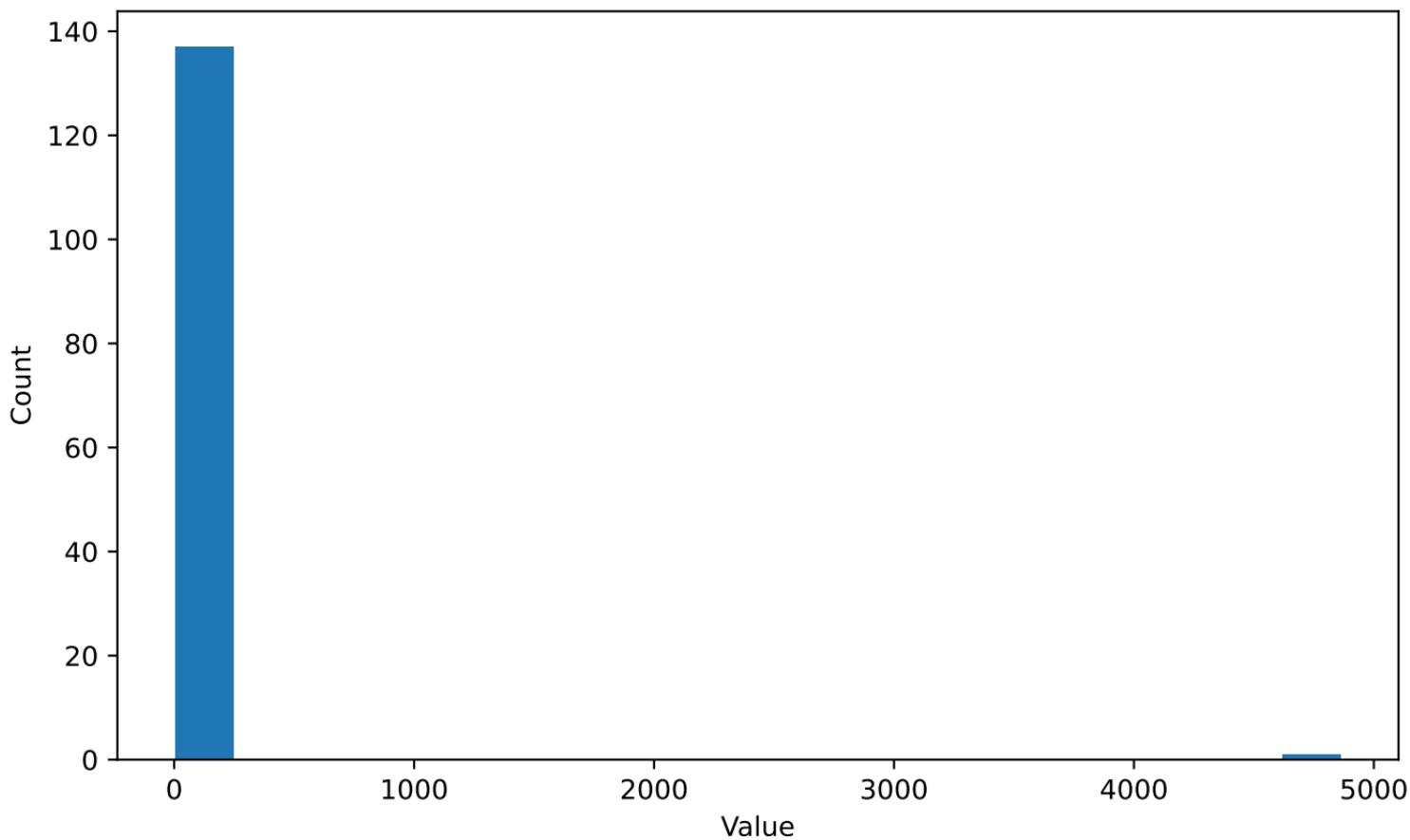
BOD distribution (n=132)



COD distribution (n=137)



PH distribution (n=138)





Type
Water
Body

Temperature
(°C)

## **Recommended Treatment Actions**

- Elevated BOD: activated sludge / aerated biological treatment, improve primary settling and reactivated sludge control.
- High COD: consider advanced oxidation processes (AOP), Fenton/ozonation, or chemical pre-treatment for industrial loads.
- pH out of range: pH correction (acid/alkali dosing) before biological stages.