

# Wastewater Study Guide

## Class III

(Made available by: Kansas Rural Water Association)

301. Turbidity in wastewater is caused by
- color.
  - dissolved calcium.
  - hardness.
  - finely divided suspended material.
302. The gas most commonly associated with septic wastewater is
- carbon dioxide.
  - carbon monoxide.
  - hydrogen sulfide.
  - methane.
303. How many cubic meters per second in 10 MGD?
- 0.44
  - 1.44
  - 4.73
  - 24.62
304. An upright circular cylinder tank (flat bottom) has a diameter of 12 feet. When filled to a depth of 8 feet, the volume is
- 226.2 cubic feet.
  - 904.8 cubic feet.
  - 3619 cubic feet.
  - 5000 cubic feet.
305. Mechanical ventilation of a lift station is required to
- lower temperatures to reduce proportion of hydrogen sulfide.
  - reduce chlorine demand.
  - reduce corrosion.
  - increase DO in raw wastewater.
306. A wet well probe is usually used for \_\_\_\_\_ determination(s) of level.
- approximate
  - dual point
  - continuous
  - single point
307. A pump is delivering at less than the expected rate of discharge. Which of the causes listed below is incorrect?
- speed of motor too low.
  - pump not primed.
  - impeller clogged.
  - discharge head too low.

# Wastewater Laboratory Test Study Guide

**Lingsheng Yao**



## **Wastewater Laboratory Test Study Guide:**

Wastewater Laboratory Analysts' Guide to Preparing for Certification Examination Water Environment Federation, 2000

This guide tests at various levels the skills and knowledge required by laboratory analysts working at wastewater treatment plants

*REHS/RS Study Guide: A Guide for Environmental Health Responsibilities and Competencies (5th edition)* National Environmental Health Association (NEHA), 2024-01-01

The REHS RS Study Guide reflects the most recent changes and advancements in environmental health technologies and theories Incorporating the insights of 29 subject matter experts from across academia industry and the regulatory community paired with references from over 30 scholarly resources this essential reference is intended to help those seeking to obtain the NEHA Registered Environmental Health Specialist Registered Sanitarian Credential

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Swimming Pools and Recreational Facilities

Emergency Preparedness

*Methodological guide to reduce carbon and water footprints in banana plantations* Food and Agriculture Organization of the United Nations, Deutsche Gesellschaft für Internationale Zusammenarbeit, 2018-10-30

The World Banana Forum WBF publication developed a methodological guide to reduce water and carbon footprints in banana plantations worldwide

Members of the Working Group WG on Sustainable Production Systems and Environmental Impact acknowledged the contribution of banana production in the total global GHG emissions and the consumption of freshwater in the economic activity both stressed in the 2015 Paris Climate Conference COP21 having the agricultural sector a high mitigation potential

Therefore the WG wishes to contribute to the global fight against climate change and promote the sustainable use of natural resources developing practical tools to strengthen the efforts of the global banana industry to reduce its carbon and water footprint CWF

Since banana farmers are struggling to adapt to climate change the project aims to mainstream and support the adoption of best climate smart practices and efficient water management in the banana value chain as part of the environmental strategy of organizations

Efforts to promote CWF reduction programs in the banana industry are still incipient and carried out mostly by multinationals due in part to the implementation costs the complexity of the topic for farmers the lack of user friendly tools to measure them efficiently and that is still a B2B driven strategy not yet recognized by consumers

Even though the need for supporting carbon and water footprint analysis CWF in the banana industry remains strong there is still an apparent lack of sufficient financial incentives by both the governments and the global market

**Monthly Catalog of United States Government Publications, Cumulative Index** United States. Superintendent of Documents, 1976

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**EPA Publications Bibliography** United States. Environmental Protection Agency,1985 **Selected Water Resources**

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