

Water Treatment Study Guide

Class I

(Made available by: Kansas Rural Water Association)

1. When collecting a distribution system sample for bacteriological testing, the person collecting the sample should allow the water to run _____ before filling the sample bottle.
 - a. as long as necessary to permit clearing of the service line
 - b. 1 hr
 - c. 30 min
 - d. only a few seconds
2. The volume of a cylinder with a radius of 5 ft and a height of 8 ft is _____ ft³.
 - a. 157
 - b. 328
 - c. 451
 - d. 628
3. The volume of a 100 ft diameter tank that is 12 ft deep is _____ ft³.
 - a. 94,200
 - b. 98,600
 - c. 103,300
 - d. 285,200
4. A chemical commonly used to raise pH is
 - a. alum.
 - b. calgon.
 - c. chlorine.
 - d. lime.
5. Black stains on plumbing fixtures might be attributed to
 - a. calcium.
 - b. copper.
 - c. magnesium.
 - d. manganese.
6. One kilogram equals _____ grams.
 - a. 10
 - b. 100
 - c. 1000
 - d. 10,000
7. The indicator organisms used to determine contamination of drinking water are
 - a. coliform group.
 - b. *Giardia lamblia*.
 - c. iron bacteria.
 - d. salmonella.

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J Rink



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Onsight Wastewater Treatment and Disposal Systems ,1980 *Resources in Education* ,1997 *List of Open File Reports* ,2003 Descriptors reports research papers theses **Wastewater Engineering** Ashok Kumar Gupta,Venkatesh Uddameri,Abhradeep Majumder,Shripad K. Nimbhorkar,2023-07-24 Wastewater Engineering Issues Trends and Solutions explains current treatment scenarios of wastewater in different countries across the globe the characteristics of wastewater and rules and regulations associated with the treatment and disposal reuse of wastewater It covers the design and theory involving laying of sewerage network and different conventional and advanced treatment technologies employed to treat domestic wastewater It overviews different types of emerging contaminants and their properties ecological impacts detection quantification treatment technologies and circular economy Features Gives an overview of current wastewater treatment scenarios across the world Provides insights into emerging contaminants sources procedure to sample available methods for analyses and possible treatments Reviews existing rules and regulations on wastewater engineering and standards for wastewater disposal or reuse Includes how to use wastewater as a resource in the context of circular economy Describes fundamentals of wastewater conveyance and treatment The book is aimed at graduate students and researchers in wastewater treatment water and environmental engineering **Great Lakes Basin Framework Study: Health aspects** United States. Great Lakes Basin Commission,1975 **Great Lakes Basin Commission Framework Study** United States. Great Lakes Basin Commission,1976 **Great Lakes Basin Framework Study: Report** United States. Great Lakes Basin Commission,1974 **Earthworm Assisted Remediation of Effluents and Wastes** Sartaj Ahmad Bhat,Adarsh Pal Vig,Fusheng Li,Balasubramani Ravindran,2020-07-01 This book provides updated and comprehensive information on the effective functioning of earthworms used alone or in combination with other biological systems microbes as well as factors affecting the process and performance of vermiremediation under a range of conditions It also compares earthworm assisted vermifiltration with other conventional biochemical methods Presenting cutting edge research on the earthworm assisted remediation of industrial and municipal effluents and sludges along with its role in solid waste management SWM the book will benefit readers from the research community and industrial sector alike familiarizing them with the latest remediation techniques for wastewater and different types of solid waste Great Lakes Basin Framework Study United States. Great Lakes Basin Commission,1976 Guide to American Educational Directories ,2004 Selected Water Resources Abstracts ,1991 Appropriate Technology Information for Developing Countries United States. National Technical Information Service,1980 **Journal of the House of Representatives of the United States** United States. Congress. House,1974 Some vols include supplemental journals of such proceedings of the sessions as during the time they were depending were ordered to be kept secret and respecting which the injunction of secrecy was afterwards taken off by the order of the House

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