
Wastewater Practice exam: Questions & Answers

When organic wastes are discharged to receiving waters, O₂ is depleted by _____. (Ans- **bacteria**)

Hydrogen sulfide gives off an odor similar to _____.
(Ans- **rotten eggs**)

3 diseases potentially carried by wastewater are _____.
(Ans- **typhoid fever, dysentery, cholera**)

Immediate first aid for burns is to _____.
(Ans- **flood with cold water**)

What most likely causes an electric motor failure?
(Ans- **moisture**)

What mixed liquor characteristics indicate a healthy activated sludge process?
(Ans- **brown color, frothy appearance, and musty odor**)

T/F: Algae is a plant life necessary for the proper functioning of a stabilization or oxidation pond.
(Ans- **True**)

Chlorine gas is ?
(Ans- **heavier than air**)

T/F: The highest concentration of algae growth in a facultative lagoon is usually observed near the top.
(Ans- **True**)

Waste Water Test Questions

Kenneth D. Kerri



Waste Water Test Questions:

Wastewater Treatment Operator Certification Practice Exam Question and Answer Josh Sydney,2024-07-16

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Wastewater Treatment Fundamentals Water Environment Federation,2020-12-22 The more than 800 study questions and answers in this study companion represent all aspects of liquid treatment processes and help operators prepare for the first three levels of certification examinations Practicing these questions will allow operators to practically measure and improve their knowledge of the basics of liquid treatment as well as critical aspects of biological treatment nutrient removal and disinfection These questions are also included as Test Your Knowledge questions in the Wastewater Treatment Fundamentals I Liquid Treatment training manual and online course developed in collaboration with the Association of Boards of Certification ABC This separate study guide is intended for those operators who do not have the opportunity to use the training manual or online course for study The peer reviewed resources in the Wastewater Treatment Fundamentals series represent the expertise of hundreds of water quality professionals They align with updated Need to Know Criteria from the Association of Boards of Certification and are based on WEF s extensive existing resource collection including Operation of Water Resource Recovery Facilities MOP 11 *Wastewater Treatment Plant Operations Made Easy* Frank R. Spellman,Joanne Drinan,2003 This book gives plant operators and students of wastewater a simple and math based introduction to all major unit processes in the modern wastewater treatment plant The work is designed for operators and managers to run plants and to advance their careers by passing state licensure exams Operation of Wastewater

Treatment Plants Kenneth D. Kerri,2008 **Water Treatment Practice Exams** Joshua Armstrong,2019-11-18 This book was designed to help people pass their water treatment operator certification exams This book contains 200 practice exam questions which translates as two full length practice exams made to replicate the actual exams as close as possible Along with multiple choice questions there are many math questions that you will definitely see on the real test Answer sheets and step by step solutions for the math questions are included in the back of the book This is a highly recommended book if you are planning on taking a certification exam soon Using practice tests such as the ones within this book are proven as an very

effective study tool If you are serious and want to test your knowledge to see if you have what it takes to pass your test look no further

Spellman's Standard Handbook for Wastewater Operators Frank R. Spellman,1999-08-24 Spellman's Standard Handbook for Wastewater Operators Volume 2 Intermediate Level provides information and unit process trouble shooting guidance required on a daily basis not only by the plant manager plant superintendent chief operator lab technician maintenance operator but more importantly by and for the plant operator and those in preparation for taking the entry level Class IV Class III or Grade I II operator examinations This handbook was prepared to help operators obtain licensing and to operate wastewater treatment plants properly It can be used as a textbook in technical training courses in technical schools and at the junior college level This is the second volume of a new study guide and readily accessible source of information for review in preparing wastewater personnel for operator certification and licensure These handbooks are resource manuals and troubleshooting guides that contain a compilation of wastewater treatment information data operational material process control procedures and problem solving safety and health information new trends in wastewater treatment administration and technology and numerous sample problem solving practice sets many based on actual tests

Wastewater Treatment Fundamentals III- Advanced Treatment Operator Certification Study Questions Water Environment Federation,2022-12-21 WEF ABC Wastewater Treatment Fundamentals III Advanced Treatment Operator Certification Study Questions is the latest in Water Environment Federation's operator training series and is a companion of the manual Approximately 950 study questions and answers in this study resource represent all aspects of advanced treatment and help operators prepare for the levels three and four of the certification examinations These questions are also included as Test Your Knowledge questions in the Wastewater Treatment Fundamentals III Advanced Treatment training manual and online course developed in collaboration with the Association of Boards of Certification ABC This separate study guide is intended for those operators who do not have the opportunity to use the training manual or online course for study The peer reviewed resources in the Wastewater Treatment Fundamentals series represent the expertise of hundreds of water quality professionals They align with updated Need to Know Criteria from the Association of Boards of Certification and are based on WEF's extensive existing resource collection including Operation of Water Resource Recovery Facilities MOP 11

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Wastewater Microbiology Gabriel Bitton, 2011-06-09 Wastewater Microbiology focuses on microbial contaminants found in wastewater methods of detection for these contaminants and methods of cleansing water of microbial contamination This classic reference has now been updated to focus more exclusively on issues particular to wastewater with new information on fecal contamination and new molecular methods The book features new methods to determine cell viability activity in environmental samples a new section on bacterial spores as indicators new information covering disinfection byproducts UV disinfection and photoreactivation and much more A PowerPoint of figures from the book is available at ftp://ftp.wiley.com/public/sci_tech_med/wastewater_microbiology

Handbook of Water and Wastewater Treatment Plant Operations, Second Edition Frank R. Spellman, 2008-11-18 Hailed on its initial publication as a real world practical handbook the second edition of Handbook of Water and Wastewater Treatment Plant Operations continues to make the same basic point water and wastewater operators must have a basic skill set that is both wide and deep They must be generalists well rounded in the sciences cyber operations math operations mechanics technical concepts and common sense With coverage that spans the breadth and depth of the field the handbook explores the latest principles and technologies and provides information necessary to prepare for licensure exams Expanded from beginning to end this second edition provides a no holds barred look at current management issues and includes the latest security information for protecting public assets It presents in depth coverage of management aspects and security needs and a new chapter covering the basics of blueprint reading The chapter on water and wastewater mathematics has tripled in size and now contains an additional 200 problems and 350 math system operational problems with solutions The manual examines numerous real world operating scenarios such as the intake of raw sewage and the treatment of water via residual management and each scenario includes a comprehensive problem solving practice set The text follows a non traditional paradigm based on real

world experience and proven parameters Clearly written and user friendly this revision of a bestseller builds on the remarkable success of the first edition This book is a thorough compilation of water science treatment information process control procedures problem solving techniques safety and health information and administrative and technological trends

Water Chemistry, Analysis and Treatment Mohamed Elzagheid,2023-12-18 Water chemistry water sources water pollutants and microbiological contaminants are all covered in the book The basic concepts of water chemistry are well taught Along with stormwater management and green infrastructure the book also examines the theoretical underpinnings of a number of water treatment and analysis procedures Graduate and advanced undergraduate students environmental researchers chemists and lab technicians who work in water and environmental laboratories could all benefit from this book Chemical engineers and operators are the primary target audience for the majority of books on the market thus both technicians and chemists can gain a lot from this book

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