



Oregon

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WASTE WATER SPECIALIST EXAMINATION BLUEPRINT MAY 5, 2010

Waste Water Examination - 150 Questions; 3 Hours

Domains	Number of Questions	% of Total Examination Questions
Environmental Applications	53	35
Hydrology	15	10
Microbiology Toxicology	15	10
Regulatory Issues	15	10
Soils	53	35
TOTAL = 150		

REFERENCES USED TO SOURCE QUESTIONS FOR THE WASTE WATER EXAMINATION ARE ATTACHED.

REFERENCES USED TO SOURCE QUESTIONS WASTE WATER EXAMINATION

PRIMARY SOURCES - Listed in descending order by number of questions referenced.

Oregon Administrative Rules Chapter 340 – Divisions 50, 55, 71, 73; emphasis on on-site rules – 71 and construction standards – 73.

The Nature and Property of Soils; Brady, Nyle C.; 1990

Soil Survey Manual; emphasis on Chapter 4 and examination & description of soils Chapter 3 (website: www.ftw.nrcs.vsd.gov/tech_ref.html)

Environmental Engineering and Sanitation; Salvato, J.

CSS 465/565 Spring 1995

CSS 508 Summer 1995

40CFR503 (website: www.access.gpo.gov/nara/cfr/lrf-table-search.html)

SECONDARY SOURCES - Referencing fewer than 10 questions each, most fewer than 5; listed in order received

Design of Land Treatment Systems; Overcash, J. and Dhiraj, P.; 1979

1985 Septic Tank System Effects on Ground Water Quality; Canter, L.W. and Knox, R.C.

Soil and Water, Physical Principles and Process; Hillel, Daniel; 1971

Biogeochemical Evolution of Domestic Waste Water in Septic Systems; Wilhelm, Schiff and Cherry; 1994

Journal of Environmental Health; Vol 43, No. 3, page 133; Nov/Dec 1980

Introduction to Soil Microbiology; second edition

Water Supply and Pollution Control; fourth edition; Viessman, Hammer

National Pollutant Discharge Elimination System; Standard handbook for Engineers; Merritt, F.; 1983

Oregon Administrative Rule 333-61-030

Environmental Protection Agency 6251-81-013A: Process Design Manual for Land Treatment of Municipal Waste

Groundwater Hydrology; Fetter; 1998

Chemical Hazard Communication; U.S. Department of Labor – OSHA 3084; 1995 (Revised)

Oregon Indoor Air Resource Guide; American Lung Association

Hazardous Waste Issues and Answers; American Institute of Professional Geologists