

Department of Civil Engineering
2010 Summer Semester
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Aquatic Environmental Science

11. Microbiology

Outline (5 July 2010)

1. Microbes in aquatic environments
 - Overview
 - Role of microbes in nature
 - microbial loop
 - Name of organisms (Taxonomy)
 - Major microbes in aquatic environments
 - Metabolism
 - Growth rate and growth curve
 - Methods to detect microbes
2. Exercise
3. Review of the submitted report
 - Short discussion
 - Methods to revise the text
 - Typical structure of academic papers