

19 October 2012

Department of Civil Engineering
2012 Autumn Semester
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Water Quality Dynamics

Outline #3: Advection

1. Report of the last exercise
 - Presentation (Mohamed)
 - Difference scheme
 - Question and Discussion
 2. Basics of transport phenomena
 - Advection
 - Dispersion
 3. Simple transport equation
 - Completely Mixed System
 - Impulse Input
 - Continuous Input
 - Plug-Flow System
 4. Exercise
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