

7 May. 2012

Department of Civil Engineering
2012 Summer Semester
Yoshimura Chihiro

Aquatic Environmental Science

Outline #4: Basic Analytical Chemistry

1. Important characteristics of freshwater systems
 - Water
 - Flow
 - Open
 - Dynamic
 - High biodiversity
 2. Basic Analytical Chemistry
 - Size distribution of solutes and particles in water
 - Units for concentration
 - Pure water
 - Precision and accuracy
 - Quantification of analytical errors
 - Calibration curve method
 - Calibration and validation
 3. Exercise
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