

21 May. 2012

Department of Civil Engineering
2012 Summer Semester
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Aquatic Environmental Science
Outline #06: Dissolution and Deposition

1. Oxidation and reduction
 - Redox potential (ORP, E_h)
 - pE-pH diagram
 - Major biological processes in water
 - Aerobic and anaerobic digestion
 2. Dissolution and deposition
 - Solubility curve
 - Solubility product
 - Solubility and pH
 - Solubility of metals
 - The rate of dissolution
 3. Exercise
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