

Semester Report

Prepare a report on an organic contaminant or group of organic contaminants or substances of your choice (the “contaminant”). The selected “contaminant” could be the one you presented in your class lecture, but it doesn’t have to be. Your report should include relevant information from the perspective of environmental and water resources engineering and environmental science. The features that you might wish to incorporate include:

- Identification of the contaminant(s) with a description of the chemical structure, and important properties
- Information on occurrence, sources and environmental regulations
- Factors that affect occurrence and aquatic loadings
- Mechanisms of loss and rates of reaction in natural systems
- Removal by treatment processes; considering both wastewater and water treatment
- Transformation products (from engineered and natural processes) and associated toxicity
- Relevant mathematical models, including water quality models, structure activity models

Please be succinct. You should be able to adequately cover the essential information on your contaminant without exceeding 5 pages of text (not including figures and tables).

Due: 5 December 2014