

EES 105A Global Environment

Lab #5 - Susquehanna Brewing Company

Field Trip

Lab Assignment

Each student is to submit a 2-3 page typed, summary (1.5 spacing, Times New Roman font, 12 point, 1 inch margin, double sided) of the information provided during the tour of the Susquehanna Brewing Company facility. The Lab report is due at the beginning of the next week's lab class.

- The **Rubric** must be included as a **cover sheet** to your **lab write-up**.
- If the Rubric is not included, **10 points** will be **deducted** from your lab assignment final grade.
- The Lab report is **due** the week of **Oct. 1-2** at the beginning of lab. **Late assignments** will result in a **loss of 25 points**.

In your lab write up, please **restate each question/topic** (in bold) with your answer following each question.

The report should address the following questions:

- Explain the beer making process.
 - What technologies have been utilized to reduce energy consumption?
 - What technologies have been utilized to reduce water consumption?
 - What waste is generated from the beer making process?
 - How is the waste material disposed of? Is any of the waste material recycled?
 - How do the operations at SBC compare to a larger company such as Miller?
 - Is waste carbon dioxide captured at SBC – if not, why and what are the barriers to capturing the waste carbon dioxide?
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- **** Note: Class Participation during the lab activities will be graded (see rubric).**