

Wilkes University
EES 105 – Global Environment
Fall 2017

Lab # 8
Wyoming Valley Sanitary Sewer Authority Field Trip
Rubric

DUE DATE: Nov. 12-13 at beginning of lab (**late submissions** will result in a **loss of 25 points**).

Student Name: _____

Date: _____

Lab Section (Circle 1)

Monday
10am – 12 pm

Monday
1-3 pm

Monday
3 – 5 pm

Tuesday
9-11 am

PERFORMANCE ANALYSIS:

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

LAB REPORT ITEM	POINTS AVAILABLE	POINTS EARNED
1. When was the WVSA constructed and how was it modified?	10	
2. What is the source of the sewage and from what communities does it originate?	10	
3 How does the sewage arrive at the WVSA?	10	
4. Describe the treatment process in detail.	15	
5. Where does the waste water after treatment discharged to?	5	
6. What are the waste products from the treatment process and how is the waste disposed of?	10	
7. How did the facility meet the new Total Maximum Daily Limits of Nitrogen, Phosphorus and Total Dissolved Solids discharge levels? What was the estimated cost and how was it paid for?	10	
8. Has the recent numerous rainfall events in the summer/fall of 2018 impacted the facilities ability to treat the waste water? Has there been an impact to the Susquehanna River water quality? If so – how?	10	
9. Professional Quality of Writing & Class Participation (i.e. asked questions, participate in discussion)	20	
TOTAL	100	

