AWM106 Agricultural Sediment Fundamentals

Name	Date	Grade

Lab Exercise #10 – Building a Conservation Management Plan

Lab Objective (3-5 bullets):

- **Learn what is involved in developing a conservation management plan to reduce sediment pollution for a farm.**

- **Determine the assistance (technical and financial) available for implementing the plan.**

- **Learn to estimate the impact of implementing the plan on water quality downstream, and on the economics of the farm.**

Lab Introduction Narrative (3-5 sentences):

Text References:

Tools and Materials:

Safety Precautions:

Procedures:

- Develop a Conservation Management plan for a farm in your watershed outlining:
  - Estimate the sources of sediments, their relative contribution to soil loss, BMPs to reduce those losses,
  - List the potential impact of implementing each BMP,
  - Summarize the *overall total reduction in soil loss* from implementing your plan.

Maintenance of Workstation and Tools:

Summary Statement:

Element	Excellent	Proficient	Partially Proficient	Below Proficient	Unsatisfactory	Points
Student Lab Participation	5 points The student is engaging thoroughly, with well thought out questions and answers.	4 points For the student to answer (or ask a question) to engage in the discussion, he/she is engaging, but sometimes is not fully explained or developed.	3 points The student's question/answer was somewhat proficient but could have been expanded upon	2 points- 1 pt. The student's answers was minimal and did not address much of the issues or topics in order to be engaging.	0 points Engagement was neither attempted nor completed	__/5
Student Lab Performance	5 points The student's actions, feedback and comments were thought-provoking and had substance	4 points The student's actions, feedback, and comments were good but could be expanded upon	3 points The student's actions, feedback, and comments made were minimal and did not provide much depth	2 points- 1 pt. The student's actions, feedback, and comments were one sentence that did not expand upon the lab topic	0 points No responses or feedback were given by student	__/5
Total points						__/ 10

Lab-covered Questions (15-points):

Lab Participation (10-points):