Completed (40 possible)	_____
Accuracy of answers (30 possible)	_____
Appropriate grammar (15 possible)	_____
Neatness of record (15 possible)	_____
Total	_____

A = 86-100 points
B = 71-85 points
C = 70 points or less

Steuben County 4-H
SOIL-Adv-21

4-H Soil & Water Science
Advanced (Grades 9-12) Record Sheet

Record for Year _____

A completed record sheet is due by the last business day of June to exhibit each project at the fair.
Use any 4-H publications, the internet, the library, or a professional to help you prepare your responses.

The Basics

Name _____ 4-H Club _____

Years in 4-H _____ Grade _____ Years in Project _____

At the Surface

Most people think soil erosion is caused by heavy rainfall or flowing water. Drought can also cause soil erosion. Why do you think that may be the case? _____

_____

_____

Visit http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm to see the Natural Resources Conservation Service's Web Soil Survey. Find your home and list the soil types in the 10 aces that surround your home.

_____

_____

Digging Deeper

Where does drinking water come from for those who reside in town? Describe the process. _____

_____

_____

Where does drinking water come from for those who reside in rural, non-serviced areas? Describe the process.

_____

_____

What is a watershed? What watershed do you live in? Visit www.cfpub.epa.gov/surf/locate to find out.

_____

_____

Describe the soil water holding capacity of each term below:

Saturated	
Field Capacity	
Wilting Point	

List five conservation practices that could be found in either rural or urban areas.

1. _____
2. _____
3. _____
4. _____
5. _____

What is IDEM and what does IDEM do? _____

_____

Soaking It In

Provide a brief description of your 4-H exhibit or plan for your exhibit.

_____

_____

We do not necessarily care what you spent constructing your exhibit, but it is good for you to understand that things have a cost. Even poster boards are not free. Approximately how much did you spend constructing your exhibit or think you'll spend once it is complete?

$0.00-$5.00 $5.00-$15.00 $15.00-$30.00 $30.00-$50.00 Greater than $50.00

Preserving What We Have

Name three professions or careers in which an individual would need knowledge of soil and water science.

1. _____
2. _____
3. _____

Some environmental issues can be controversial. If you worked in production agriculture, would practice no-till farming or conventional tillage? Why? _____

_____

_____

What is one thing you learned or sparked your interest as a result of completing this project? _____

_____

_____

In what way does this project apply to your life, or why is this subject matter important to you? _____

_____

_____