



## Soil & Water Conservation Merit Badge at Riverbend Park

Welcome to the Soil & Water Conservation Merit Badge program at Riverbend Park. The program may be held at either the Riverbend Visitor Center located at 8700 Potomac Hills Street in Great Falls, or the Riverbend Nature Center located at 8814 Jeffery Road. Please review your confirmation email or call the park at 703-759-9018 for location.

### **Important general Merit Badge information for parents:**

Be sure that you are familiar with the requirements for the merit badge your scout has selected. Some badges may take considerable time and planning to complete and may not be appropriate for younger scouts. Blue cards must be signed by your Troop Leader prior to attending the merit badge class. Park staff will not sign off on any blue cards missing this signature.

Most merit badges are not designed to be completed in a single session with an instructor, so it is not always possible to walk away with a completed and signed blue card at the end of a program. Every badge requires some independent work by your scout.

Please be prepared for the possibility that you may have to stay for the program and not just drop off your scout. We encourage that one or more adults remain. There is no fee for adults and you are sure to learn something. This will allow the instructor to concentrate more fully on the difficult task of imparting all the required information and assisting the boys individually if necessary. Additionally, adults may help keep the atmosphere calm and productive. It is also in keeping with the scouting guidelines for youth protection.

### **Below is the recommended homework to be completed before the program:**

Please download the merit badge worksheets from [meritbadge.org](http://meritbadge.org) and bring these worksheets to class. These worksheets help scouts organize their homework and classwork. We will go over all of the merit badge requirements during class but it is helpful if the scout has reviewed the worksheet ahead of time.

7. Do TWO of the following:

- a. Make a trip to two of the following places. Write a report of more than 500 words about the soil and water and energy conservation practices you saw.
  1. An agricultural experiment.
  2. A managed forest or woodlot, range, or pasture.
  3. A wildlife refuge or a fish or game management area.
  4. A conservation-managed farm or ranch.
  5. A managed watershed.
  6. A waste-treatment plant.

7. A public drinking water treatment plant.
  8. Industry water use installation.
  9. Desalinization plant.
- b. Plant 100 trees, bushes and/or vines for a good purpose.
  - c. Seed an area of at least one-fifth acre for some worthwhile conservation purpose, using suitable grasses or legumes alone or in a mixture.
  - d. Study a soil survey report. Describe the things in it. Using tracing paper and pen, trace over any of the soil maps; and outline an area with three or more different kinds of soil. List each kind of soil by full name and map symbol.
  - e. Make a list of places in your neighborhood, camps, school ground, or park having erosion, sedimentation, or pollution problems. Describe how these could be corrected through individual or group action.
  - f. Carry out any other soil and water conservation project approved by your merit badge counselor.

### **What to bring to the program:**

- Bring your completed homework. It is OK if you cannot complete the homework before class. You can bring completed homework in at a later date for sign-off.
- Come prepared to discuss and present your homework. As we move from one topic to the next during class, scouts will be asked to present homework elements completed. It will be more important to prove that you have understood a requirement orally rather than just presenting written information.
- Bring a tent, if you have one.
- Bring your blue card. (Riverbend does not have blue cards.)
- Bring/wear weather appropriate clothing/outerwear. We will not go outdoors in heavy rain or thunderstorms. Boy Scout uniform not required.
- Bring a pencil and pen.
- We recommend that you download the merit badge worksheets from [meritbadge.com](http://meritbadge.com) and bring these worksheets to class. These worksheets help scouts organize their homework and classwork.
- Bring a snack and drink or money to purchase some at the visitor center. Bring more substantial food if your program is longer than four hours.

### **Work completed after the program:**

During the program, the merit badge counselor will do a demonstration or explain the process for completing the final merit badge requirements. Your scout must provide evidence of completion in order to obtain blue card sign-off. Digital photographs of your scout doing the element and a picture of the completed requirement will be sufficient evidence, unless otherwise stated.

If your scout needs blue card sign-off after the class date, please call 703-759-9018 to arrange a time to meet with a merit badge counselor. We're looking forward to working with your scout.

Riverbend Park  
703-759-9018  
8700 Potomac Hills Street

Great Falls, VA 22066

<http://www.fairfaxcounty.gov/parks/riverbend-park/>