

(See Reverse Letter)



W.S. (Sam) Dickson  
Chairman

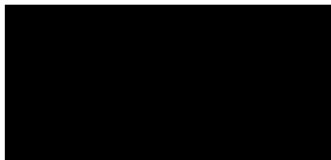
David V. Hutchins  
Vice-Chairman

Thomas W. Littrell  
Joshua A. Hendrick  
Ralph J. (Bob) Martin  
Phillip D. McCraw

## Office of the Administrator

605-1 Pine Street  
Hillsville, VA 24343

August 3, 2012



I wanted to take this opportunity to send a letter of appreciation for the efforts in planting the pine seedlings on the Beaver Dam Trail. Your efforts, for years to come, will make an impact on the trail and conserve the forest and soil along the Beaver Dam Trail. It was been a pleasure watching you in your efforts to plan, lead and complete the project. You should be commended for your efforts, and it is with much appreciation and pride that members of the Carroll County community are leading the way for future forest conservation for years to come.

Sincerely,

Nikki C. Shank  
Assistant County Administrator of Carroll County

(276) 730.3001

(276) 730.3004 fax

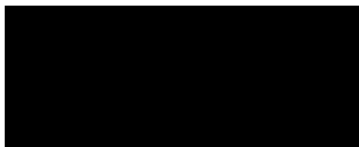
[CarrollAdmin@CarrollCountyVA.org](mailto:CarrollAdmin@CarrollCountyVA.org)  
[CarrollCountyVA.org](http://CarrollCountyVA.org)

EUGENE E. STOOTTS, JR.  
REGIONAL FORESTER



**DEPARTMENT OF FORESTRY**

P. O. Box 978  
1240 West Main Street  
Abingdon, VA 24212  
(276) 676-5488  
August 6, 2012

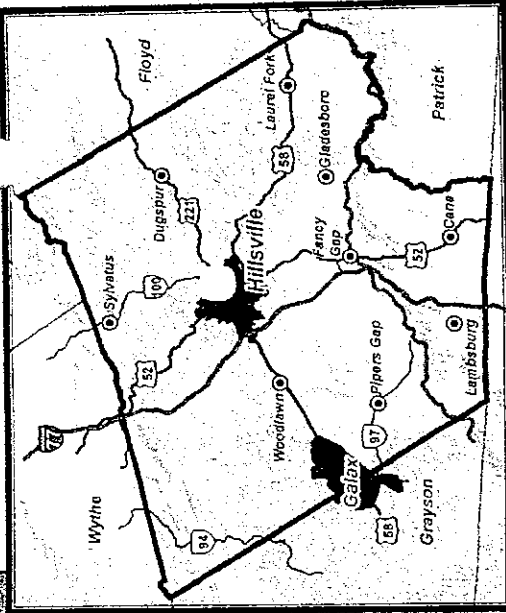
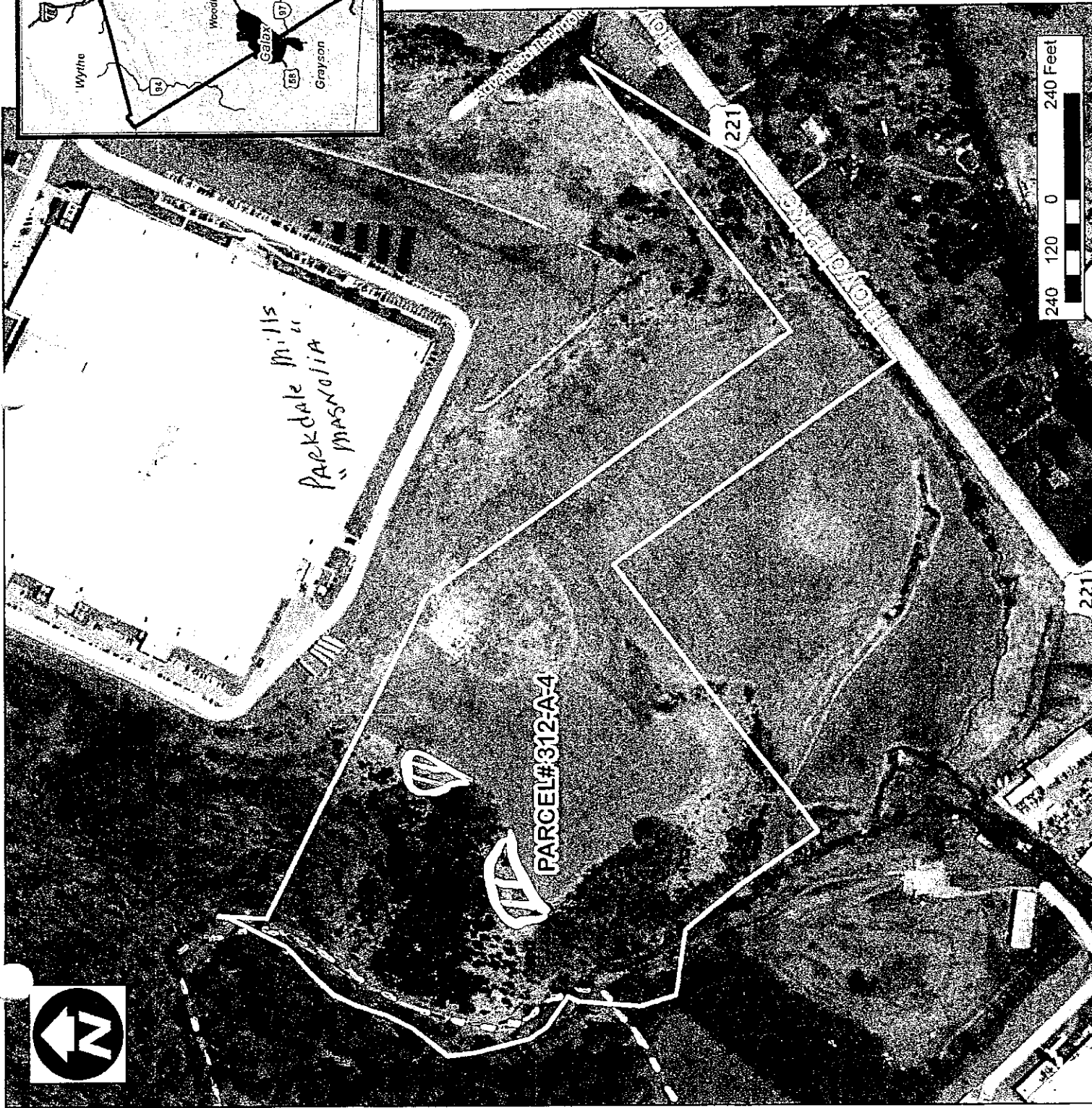


I have enjoyed meeting and talking with you about forestry and general stewardship of our land. We can easily take our open space and forest land for granted. The practices that you have started will help ensure that others are educated about the outdoors and the future of the site is improved for both soil and water quality and the benefit to society. I am sure that you will continue to monitor and enjoy the project adjacent to the Beaver Dam trail. Be sure to take a few pictures along the way so that you and others can continue to see the change and improvement to the site. Best of luck and continue to consider the impact of good stewardship.


Sincerely,

A handwritten signature in cursive script that reads "Donald W. Garman".

Donald W Garman  
POB 812  
Galax Va 24333  
276-236-2322  
[Donald.garman@dof.virginia.gov](mailto:Donald.garman@dof.virginia.gov)



Vicinity Map

Site #	IDA-6
Owner:	IDA
Description:	
Open Tract	
	Two Sites to Planting 300 Pine Seedlings Beaver Dam Nature Trail (12/1/2011)

Carroll County, Virginia does not make any warranty, nor assume any legal liability or responsibility for the accuracy, completeness, or usefulness of the map provided herein.

Areas depicted on this map are approximate, are for illustration purposes only and do not take the place of a professional survey. The data are not necessarily accurate to survey, or engineering standards. Areas depicted on this map are not suitable for site-specific decision-making and have no legal bearing on the true shape, size, location, or existence of a geographic feature, property line, or political boundary line.



# Water and Soil Conservation

What is conservation? Conservation is the preservation or protection of natural resources, so soil and water conservation is the protection and preservation of both of these resources. Soil is made over time by the breaking up of rocky materials through weathering, and by decaying plant and animal matter. Small organisms and insects that live in the top layers of soil help to speed up this process by breaking them down quicker and keep the soil healthy. Plants are also beneficial to the process by using their roots to hold the soil in place and keep it from washing away during severe weather and flooding. Soil conservation is very important because without it we would not have the land we need to grow crops for food. Most of the food grown in our country comes from large areas of agriculture, and without healthy soil we could not feed our growing planet. Planting trees is a crucial step in soil conservation because not only do their roots hold the soil in place, but the decay of fallen leaves enriches the soil with nutrients. Trees provide shelter and habitats to animals that are losing homes due to development. They provide food, shade, and are an important source of timber and medicine. Trees also act like the lungs of our planet by breathing in carbon dioxide and breathing out oxygen. Trees clean our air of pollutants and harmful chemicals. Water conservation is also very important. Water is a necessary element needed by every living organism on the planet. We can conserve and save our water by making smarter choices in our daily

lives. We can use special shower heads that reduce the amount of water used during bathing. Washing machines and dishwashers that use lower amounts of water are also a smart choice. Catching rain water in barrels for later use in flower beds or gardens can also be done. Plants again are very beneficial for water conservation because plant roots, trees, and grass help to hold the moisture in the soil so it doesn't evaporate into the atmosphere. Learning to care for our environment is an important step to soil and water conservation.

# Eagle Scout Service Project Proposal

## Project Description and Benefit

Eagle Scout candidate:

Briefly describe the project. Attach sketches or "before" photographs if these will help others visualize it.

I will be leading a group of scouts, and a group from the Leo club to plant 300 pine seedlings. These trees will be planted 10 feet apart in a grid pattern if possible. I will demonstrate the correct method of planting the trees and give directions. I will be showing the group how to properly use the forestry tools, and techniques to proper planting and seedling care.

Tell how your project will be helpful to the beneficiary. Why is it needed?

This project will be beneficial to Carroll County, since the trees will be planted on public property. Planting trees are an important key to forestry and soil and water conservation. They keep the soil from washing away during heavy rainstorms. Trees clean our air and supply us with oxygen. Trees provide animals and insects with natural habitats.

When do you plan to begin work on the project? Saturday, April 28, 2012

How long do you think it will take to complete? 200 to 300 hours.

## Giving Leadership

Approximately how many people will be needed to help on your project? Five scouts and Five Leo club members.

Where will you recruit them (unit members, friends, neighbors, family, others)? Explain:

I will ask fellow scout members, friends from school, Leo club members, and family to help and support me during this project.

What do you think will be most difficult about leading them?

I think that telling them how to plant the trees will be the most difficult part of leading them.

## Materials

*(Materials are things that become part of the finished project, such as lumber, nails, and paint.)*

What types of materials, if any, will you need? You do not yet need a detailed list of exact quantities, but you must show you have a reasonable idea of what is required.

300 pine seedlings

## Supplies

*(Supplies are things you use up, such as masking tape, tarps, and garbage bags.)*

What kinds of supplies, if any, will you need? You do not yet need a detailed list or exact quantities, but you must show you have a reasonable idea of what is required.

Flag markers, string, and planting flyers.

# Eagle Scout Service Project Proposal

## Tools

What kinds of tools, if any, will you need?

Shovels, picks, and work gloves.

## Permits and Permissions

*(Note that property owners normally secure permits.)*

Will you need to secure permissions or permits (for example, building permits)? Who will obtain them?  
How much will they cost? How long will it take to secure them?

I will need an e-mail letter of approval from the Carroll County Administrator, and there will be no cost.

## Preliminary Cost Estimate

*(You do not need exact costs. Reviewers will just want to see if you can reasonably expect to raise enough money to cover an initial estimate of expenses.)*

*(Enter your estimated expenses)*

**Fundraising** Explain where you will get the money for total costs indicated below, left.

Items	Cost	None needed.
Materials	0	
Supplies	0	
Tools	0	
Other*	0	
<b>Total costs:</b>	0	

\*Such costs as food, water, gasoline, parking, permits, equipment rental, sales tax, etc.

## Project Phases

Think of your project in terms of phases and list what they might be. The first might be to complete your final plan. Others might include fundraising, preparation, execution, and reporting. You may have as many phases as you want, but it is not necessary to become overly complicated.

1. Plan- forestry and soil conservation

2. Location and time

3. Virginia forestry department pine seedlings

4. Tools

5. Permits from Carroll County Administrator

6. How many people are going?

7. Procedure

8.

## Logistics

*(A Tour Plan has also been called a "Tour Permit." Check with your council service center to determine if one is required.)*

How will you handle transportation of materials, supplies, tools, and helpers? Will you need a Tour Plan?

Adults will drive scouts and Leo club volunteers to planting site.



## Eagle Scout Service Project Proposal, continued

### Safety Issues

*(The Guide to Safe Scouting is an important resource in considering safety issues.)*

Describe the hazards and safety concerns you and your helpers should be aware of as this project is conducted.

Falling or tripping, blisters on hands or feet, and possible bee stings or bug bites. Sunburn or inclement weather.

### Further Planning

*(You do not have to list every step, but it must be enough to show you have a reasonable idea of how to complete a final plan.)*

List some action steps you will take to complete a final plan. For example, "Complete a more detailed set of drawings."

The planting area will be 300 ft. long by 300 ft. wide and the trees will be planted 10 ft. apart. We will have to space the trees carefully because the area is not perfectly square.

**From:** Nikki Shank [mailto:nshank@carrollcountyva.org]  
**Sent:** Monday, February 27, 2012 4:55 PM  
**To:** 'jrpark1@embarqmail.com'  
**Subject:** Map of property

Mr. Parker,

As we discussed on the phone, attached is a map of the property identified as a property that would be conducive to plant the pine seedlings. The trail is on the left close to the parcel line. It was suggested that on the tree line where the property is being maintain would be best. Should you have any other questions, feel free to let me know.

Have a great day!

Thanks,

Nikki

*Nikki C. Shank*  
*Assistant County Administrator for Carroll County, VA*  
*605-1 Pine Street*  
*Hillsville, VA 24343*  
Phone: 276-730-3019 • Fax: 276-730-3004  
[www.CarrollCountyVA.org](http://www.CarrollCountyVA.org)  
[nshank@CarrollCountyVA.org](mailto:nshank@CarrollCountyVA.org)

## Eagle Scout Service Project Final Plan, continued

### Comments From Your Proposal Review

What suggestions were offered by the council or district representative who approved your proposal?

None

### Project Description and Benefit—Changes From the Proposal

*As projects are planned, changes usually are necessary. If they are major, it is important to confirm they are acceptable to the beneficiary. You should also share major changes with those who approved your proposal, and also with your coach to be sure you still have a chance of passing the board of review. If more space is needed to describe changes, please add an attachment.*

How will your project be different from your approved proposal?

None, conducted as planned.

Will the changes make the project more or less helpful to the beneficiary? Explain:

Not applicable.

### Present Condition or Situation

*(It is extremely helpful to have "before" photographs to show the board of review.)*

Describe the present condition of the worksite (for an event or activity, describe your biggest obstacles).

The work site is on a hillside covered in tall grasses, and has briars and thorny bushes in several areas. There is also rocky ground and the area is not perfectly square. There are wild honey suckle bushes and some pine trees in the area.

### Project Phases

*(You may have more than eight phases, or fewer, as needed; if more, place in an attachment.)*

Look at the phases from your proposal. Make any changes, then provide a little more detail, including timing.

Phase 1: Plan- To plant pine seedlings to prevent soil erosion and to increase forrestation.

Phase 2: Location and Time- Meeting at 10:00am in the parking lot of Magnolia Manufacturing.

Phase 3: Seedlings provided by Virginia Department of Forestry.

Phase 4: Tools- Tree planting spades loaned by the forestry dept. and shovels.

Phase 5: Permits signed and approved by Carroll County Administrator

Phase 6: Amount of people involved with planting over two days. 17 the first day, 7 the second day.

Phase 7: Procedure- Rope that was marked at 10 foot intervals was streched out in rows. Flags were put in the ground at each of the markings. A second team would come behind and dig the hole and plant the tree

Phase 8: \_\_\_\_\_

## Eagle Scout Service Project Final Plan, continued

### Work Processes

Prepare a step-by-step list of what must be done and how everything will come together: site preparations, sizing, assembly, and fastening of materials; uses of supplies and tools; finishes to be used (paint, varnish, etc.); and so forth. Consider asking your project coach for assistance with this.

Our group of boy scouts, and Leo club members met in the parking lot of Magnolia Manufacturing at 10:00 am on Saturday, April 28th. There were several adults there also to lend there help and support. Nikki Shank helped to find a good area to plant, and Donnie Garmin with the Forestry Dept. provided guidance about planting. Jim Parker had previously checked out the area for planting to make sure it was an appropriate spot. We rode down to the area in 4-wheel drive vehicles. When we got there I explained to the group how we would rope off the areas to be planted. I made guide ropes that were 100 feet long. Every 10 ft there was a red tape marker to designate the spots where each tree would be planted. Then we used red flags to mark each spot , so the rope could be moved down to mark out the next row. We worked in teams of 2, with 1 person digging the hole and the other person placing the seedling into the ground. We stopped at 11:00 am. to take a break. Jim Parker provided the drinks, we had soda and water, and he also brought cookies. My mom brought Little Debbie oatmeal cakes and 2 kinds of nabs. After our break we continued to work until we had 200 of the pine seedlings planted. It was now 1:00pm. and we decided to stop for the day and finish the planting in a few weeks.

Attach further plans as necessary, with drawings, diagrams, maps, or pictures that will help you succeed and that might be helpful to your workers, your coach, the project beneficiary, and your board of review. Drawings should be to scale. If you are planning an event or activity, a program outline or script might be appropriate.

### Permits and Permissions

*(The Tour Plan has also been called the "Tour Permit.")*

Will a Tour Plan be needed (this must be confirmed with local council policies)? No

If you will need permissions or permits\*, what is being done to obtain them, and when will they be issued?

*\*Permissions and permits could include building or electrical permits, dig permits, event permits, permission to access property, etc.*

### Materials

List each item, and its description, quantity, unit cost, total cost, and source. For example:

Plywood	3/4", 4' X 8', B-C interior grade	3 sheets	\$20.00	\$60.00	ABC Hardware donation*
Item	Description	Quantity	Unit Cost	Total Cost	Source
Rope	100 ft. long with markers every 10 feet	3	\$0	0	Blevins Building Supply
Flags	Red marking flags	100	\$0	0	Blevins Building Supply
Gloves	Work gloves	5 pair	\$0	0	Blevins Building Supply
Tape	Red marking tape for the rope	1 roll	\$0	0	Blevins Building Supply
Pine seedlings	White Pine Seedlings	300	\$0	0	Va. Dept. Of Forestry
				0	
				0	
				0	
				0	
				0	
Total cost of materials				0	

*\*If you plan for donations such as the one shown in the sample, you will most likely need to complete the Eagle Scout Service Project Fundraising Application on page 17.*

## Eagle Scout Service Project Final Plan, continued

### Supplies

List each item and its description, quantity, unit cost, total cost, and source. For example:

Plastic tarp	9' X 12', 2ml thick	2 tarps	\$4.00	\$8.00	ABC Hardware purchase
Item	Description	Quantity	Unit Cost	Total Cost	Source
				0	
				0	
				0	
				0	
				0	
				0	
				0	
				0	
				0	
				0	
Total cost of supplies				0	

### Tools

List each tool, with its quantity, unit cost, total cost, source, and who will operate or use it. For example:

Circular power saw*	1	\$0	\$0	Mr. Smith	Mr. Smith
Tool	Quantity	Unit Cost	Total Cost	Source	Who will operate/use?
Forestry Spades	4	\$0	0	Forestry Dept.	Tree Planters
Shovels	6	\$0	0	Scouts	Tree Planters
			0		
			0		
			0		
			0		
			0		
Total cost of tools			0		

\*Power tools considered hazardous, like circular saws, must be operated by adults who are experienced in their use. See the Guide to Safe Scouting.

### Expenses

### Revenue

Item	Projected Cost	Total to be raised: \$ 0.00 Contribution from beneficiary: \$ 0.00
Total materials (from above)	0	Describe in detail how you will get the money for your project. Include what any helpers will do to assist with the effort.
Total supplies (from above)	0	
Total tools (from above)	0	
Other expenses		
Total cost	0	

## Eagle Scout Service Project Final Plan, continued

### Giving Leadership

Complete the chart below, telling about specific jobs that need to be done, the skills needed to do them, whether they must be adults or may be youth, how many helpers are needed, and how many you have so far (if any). For example:

<i>Work at car wash</i>	<i>Able to drive or wash cars</i>	<i>Adult drivers/supervisors, youth to wash</i>	<i>2 adults, 10 youth</i>	<i>1 adult, 5 youth</i>
<b>Job to Be Done</b>	<b>Skills Needed (If any)</b>	<b>Adult or Youth</b>	<b>Helpers Needed</b>	<b>Helpers So Far</b>
Trees to be planted	Knowing how to use a forestry spade	Adults and youth	As many as possible	22
<b>(Note: See additional activities, No. Helpers, and Hours on Page 20a)</b>				

What are your plans for briefing helpers, or making sure they know how to do what you want them to do?

I plan to explain how to use the marked ropes and flag markers. I also plan to explain how to dig the holes and plant the trees.

What is your plan for communicating with your workers to make sure they know how to get where they need to be, that they will be on time, and they will have with them what they need?

I talked with the scouts and told them to wear appropriate clothing and shoes for the area we were going to be planting in. Jeans and good shoes would be necessary. Also a good pair of work gloves and a hat to provide sun protection would be a good idea.

### Logistics

How will the workers get to and from the place where the work will be done?

Adults will bring the scouts and Leo Club volunteers to Magnolia Manufacturing to meet in the parking lot at the designated time.

How will you transport materials, supplies, and tools to and from the site?

Jim Parker took the coolers and tools down to the planting site before everyone got there.

How will the workers be fed? Jim provided a cooler of drinks and some snacks and my mom brought snacks also.

Will restrooms be conveniently located? No.

## Logistics, continued

There were no left over materials or supplies.

Forestry spades were returned to the Forestry Dept. and scouts took their own shovels back home.

Will a first-aid kit be needed for this project? If so, where will it be kept?

Yes, In the unit leaders vehicle.

No

Potential Hazard	What will you do to prevent problems?
Bug Bites	Avoid insects
Bee stings	Avoid Bees
Snake Bite	Avoid Snakes
Sunburn	Wear sunblock and hats
Severe Weather	Reschedule

We will discuss the potential hazards before we met to plant trees.

Who will conduct it? Blake Hughes

Who will be your first-aid specialist? Project Coach- Jim Parker

What could cause postponement or cancellation of the project? What will you do should this happen?

Severe Weather, we will reschedule for a later date.

(A project coach is not required but can be extremely helpful.)

# Eagle Scout Service Project Report

*To be completed after the service project has been concluded. It is not necessary to provide lengthy answers.  
Please be prepared to discuss your responses at your board of review.*

**Eagle Scout candidate:** [REDACTED]

Once planning was completed, when did the work begin? April, 28, 2012 When was it finished? May 2012

## Summary

What went well?

The actual planting of the trees went very well.

What was challenging?

Explaining the use of the marking rope and flags.

## Changes

What changes were made as the project was conducted?

None

## Leadership

In what ways did you demonstrate leadership?

I explained how the ropes were to be strung out and how we would use the marking flags to mark the planting spots, so the ropes could be moved and strung out again for the next row.

What was most difficult about being the leader?

Talking to people I didn't know.

What was most rewarding about being the leader?

Seeing everyone work together as a team to get the job done. Everyone seemed happy to help.

What did you learn about leadership, or how were your leadership skills further developed?

I learned how to talk to a group of people, and explain the use of the forestry tools. I also got to show them the proper technique to planting seedlings. I also learned how to do a power point presentation on Forestry and Soil and Water Conservation. I wrote a paper on the subject of Soil and Water Conservation also.

## Materials, Supplies, Tools

Were there significant shortages or overages of materials, supplies, and tools? If so, what effect did this have?

No, we had everything that we needed.



## Eagle Scout Service Project Report, continued

### Entering Service Project Data

The Boy Scouts of America collects information on the hours worked\* on Eagle Scout service projects because it points to achievement on our citizenship aim. So that you can assist with the data collection, please keep a list of the people who help on your project, and a log of the number of hours they work. Then, please provide the information requested below. Be sure to include yourself, and the time spent on planning.

	No.	Hours
The Eagle Scout candidate	1	26
Registered BSA youth members	12	84
Other youth (brothers, sisters, friends, etc., who are not BSA members)	15	90
Registered BSA adult Scout leaders	9	72
Other adults (parents, grandparents, etc., who are not BSA members)	7	42
<b>Totals</b>	<b>44</b>	<b>314</b>

\*There is no requirement for a minimum number of hours that must be worked on an Eagle Scout service project.

*If you have been told you must meet a minimum number of hours then you may lodge a complaint with your district or council. If you have given leadership to an otherwise worthy project and are turned down by your board of review solely because of a lack of hours, you should appeal the decision.*

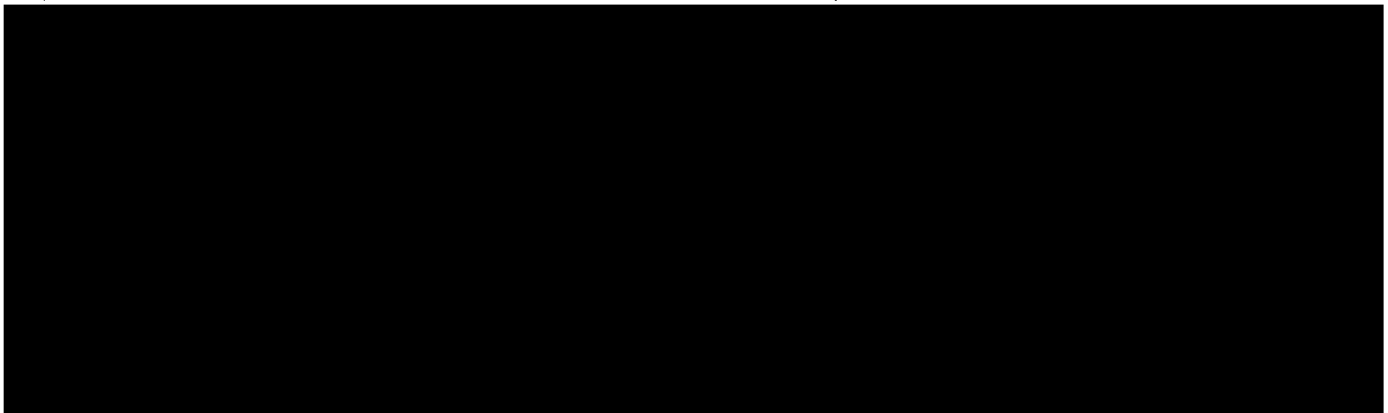
**Note:** See Attached Eagle Scout/Hornaday Badge Project Hours.

### Funding *NA*

Describe your fundraising efforts:	
How much was collected?	How much was spent?
If your expenses exceeded funds available, explain why this happened, and how excess expenses were paid.	
If you had money left over after the project completion, did you turn it over to the project beneficiary? If "No," when and how long will that take place?	
How were the donors thanked?	

### Photos and Other Documentation

If you have them, attach any "before," "during," and "after" photographs. Attach letters, maps, handouts, printed materials, or similar items that might be helpful to your board of review.



## Eagle Scout/Hornaday Badge

### Project Hours

<b>Activity</b>	<b>No. of People</b>	<b>Hours</b>	<b>Total Hours</b>
1. Orientation with Dept. of Forestry Advisor	4	4	16
2. Preparation for Tree Planting-- Organization of Scouts (70%) & Lions LEO Club, Materials, Leadership review of project with members	25	2	50
3. Tree planting on Carroll County Land (2x)	22	4	88
4. Soil and Water Conservation on-sight observations with Dept. of Forestry Advisor	3	3	9
5. Power Point program on soil and water conservation and forestry preparation	4	6	24
6. Power Point presentation to scouts & parents	41	1	41
7. Dept. of Forestry and Blake's discussion on Forestry and Conservation at Nature Hike	35	2	70
8. Eagle/Hornaday Badge Review & Processing	4	4	16
Total Hours			314

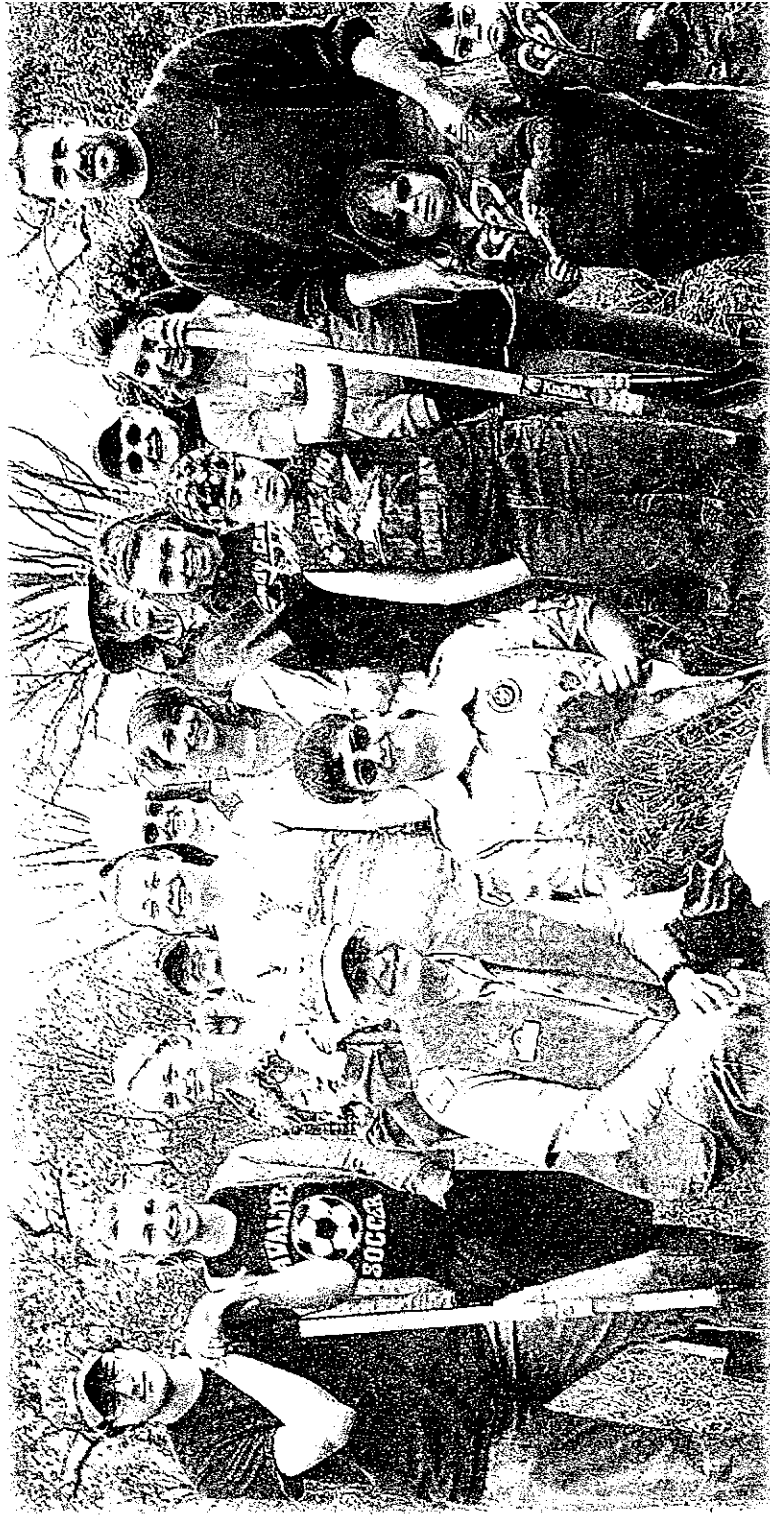
# Eagle Scout Project



# Scouting Wins, Going Green

Scout plans Eagle project, organizes volunteers for Carroll County tree planting campaign

By CHRISTOPHER BROOKE



Parker's connection with the Lions' "Million Tree Planting Campaign," influenced the decision for the reclamation project.

passed its goal of a million trees at last count, Parker noted. The total actually approaches 9.5 million.

with the work to plant the trees, as well as c scouts.

# Earning wings

Continued from Page 1B

The Virginia Department of Forestry's Donnie Garman served as an advisor to Hughes and provided the 300 pine seedlings.

"I thought planting trees would be a good thing for soil erosion," Hughes explained.

Future benefits as the seedlings grow into mature trees include producing oxygen and providing habitat for wildlife and beautify the area.

With good planning and 16 volunteers, the group planted 200 seedlings in the ground in four hours.

Volunteers stretched out ropes with markings at every 10 feet in order to space the seedlings, put a flag in the ground and then moved on to a new row. "It wasn't as hard as I thought because of the Leo Club," Hughes noted.

Still, it took a lot of work and research to carry out the project.

Another great thing about Hughes' project is that it qualifies for the William T. Hornaday conservation award in scouting. Named after the conservationist who worked to preserve the bison herds out West and wrote the bird study merit badge book for scouts and articles for Boy's Life magazine, the conservation scouting award had a lot of overlap with the requirements of the Eagle scout leadership project.

While the Eagle scout project takes between 100 and 200 hours of work to complete, the Hornaday project requires between 200 to 400 hours on a long-lasting conservation project.









