

# WV Project CommuniTree

## Spring 2015 Report



***“Building Communities from the Roots Up”***



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# WV Project CommuniTree Spring 2015 Report

## Executive Summary

Spring 2015 was the 7<sup>th</sup> planting season for WV Project CommuniTree since the 2011 USDA Forest Service WV UTC Assessment & Enhancement grant award. Since 2011, CTree Project Leaders have organized 94 tree planting events, planted 3,134 trees, and engaged over 6,500 volunteers in more than 12,000 hours of volunteerism and tree stewardship activities.

The number of tree planting events, trees planted, volunteers engaged, hours volunteered, and volunteer contribution this planting season is similar to previous spring seasons.

CTree groups this spring contributed almost twice their required contribution through

volunteerism and material donations. The majority of this “over-match” was provided by four schools (Eagle Intermediate School, Franklin Elementary School, Frankfort Intermediate School, and Hampshire High School) and two home-owners association (Hammonds Mill HOA and Villages of Washington Trail HOA). The metrics that make a good volunteer group include the ability to organize and implement quality tree planting events, maintain healthy trees, and contribute above and beyond their volunteer contribution requirement. Continuing to engage groups with these attributes will be beneficial to successfully marketing the CTree program and providing outreach to new and potential applicants.

As noted in previous seasonal planting reports, there is more activity in the spring seasons than the fall. While spring planting seasons have higher numbers of trees planted, more investigation is needed into survival of the trees to see if, in fact, spring plantings are producing better long-term results. It is generally accepted that fall is the preferred planting season and that fall plantings have lower mortality rates. Furthermore, a larger number of planting events may negatively impact the quality of stewardship-education because the CTree Liaison’s time is split between more groups. Education is a central theme of CTree so scientific investigation into the impacts of CTree education and the likelihood of positive environmental behavioral change is needed. CTree’s plantings will present many other benefits including economic and environmental that could be quantified. Additional research to quantify those benefits should be pursued. Scientifically measuring success and benefits of CTree and promoting those successes may lead to additional investment to strengthen CTree. The CTree model should be promoted across WV. In this report volunteerism and material donations are reported as “Volunteer Contribution” (formerly “in-kind match”) and are given a monetary value based off of USDA Farm Bill in-kind rates.

<b>Planting Season</b>	<b>Planting Events</b>	<b>Trees Planted</b>	<b>Volunteers Engaged</b>	<b>Volunteer Hours</b>	<b>Volunteer Contribution</b>
<b>2008-2011</b>	9	1722	*	*	*
<b>Spring 2012</b>	10	444	570	1,286	\$ 22,948.55
<b>Fall 2012</b>	11	282	759	1,116	\$ 21,618.35
<b>Spring 2013</b>	16	<b>710</b>	1,319	1,877	\$ 46,706.81
<b>Fall 2013</b>	10	204	429	848	\$ 19,724.48
<b>Spring 2014</b>	<b>19</b>	528	<b>1,554</b>	<b>3,141</b>	<b>\$ 57,557.87</b>
<b>Fall 2014</b>	10	370	504	1,233	\$ 22,440.50
<b>Spring 2015</b>	18	596	1,408	2,687	\$ 53,119.51
<b>Total 2012-2015</b>	<b>94</b>	<b>3,134</b>	<b>6,543</b>	<b>12,188</b>	<b>\$ 244,116.07</b>

*Records for each category are bolded and italicized*

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## Background

WV Project CommuniTree (CTree) promotes tree planting and education on public land through volunteerism in the Potomac Headwaters of West Virginia (Berkeley, Grant, Hampshire, Hardy, Jefferson, Mineral, Morgan, & Pendleton counties). The program also focuses on enhancing and promoting awareness of watershed and riparian area needs such as storm water management, water quality issues, buffer zone planting, and soil erosion. The program is volunteer based and engages stakeholders in the process of making priority decisions within their respective communities and offers a strong educational message along with a physical planting component. CTree is a program of the WV-DEP Chesapeake Bay Program that includes WV Division of Forestry, WV Conservation Agency, Cacapon Institute, and Eastern Panhandle Regional Development & Planning Council (Region 9).

CTree's first planting was in 2008 under the direction of Carla Hardy (Potomac Valley Conservation District) and Jennifer Hammer (WV Division of Forestry). For several years CTree held one or two plantings each season. In 2011, with support from the USDA Forest Service, CTree expanded the number of annual plantings. Under the Forest Service grant, WVDOF has provided ~\$20,000 annually for the purchase of trees and Cacapon Institute has been able to dedicate considerable staff time on a year-round basis. Spring 2015 was the final season of USDA Forest Service funding for CTree. However, in 2014 Governor Tomblin signed the U.S. EPA Chesapeake Bay Program Partners' Agreement and West Virginia was awarded additional "Bay funding." The WVDEP has committed funds to continue CTree into the future. There is sufficient funding in place through the five year work plan (2016-2020) to continue CTree at its current capacity.



*Students planting trees at TA Lowery Elementary School*

New in 2016, since the WVDOF state match for the tree purchase will no longer be available, CTree will be required to secure more volunteer labor and in-kind support than previous years. A non-federal match equal to 100% of the WV Chesapeake Bay funds is required (1:1 match). This match must equal the entire cost of WV Project CommuniTree including transportation & travel, Cacapon Institute staff time, and the cost of trees and materials. It is important to note that many of the professional CTree liaisons (including but not limited to WVDOF, WVCA, and Region 9 staff) are also working under WV Bay grants and have their own non-federal match requirements. In addition to securing greater amounts of non-federal cash contributions, innovative and unique approaches to finding new non-federal match in labor and materials is required.

The WV Urban & Community Forestry Council recognizes CTree as the largest citizen tree steward program in the state. In 2013, CTree was awarded the ISA Gold Leaf Award for making significant impacts on

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increasing tree canopy. In 2014, CTree was awarded a [Chesapeake Forest Champion](#) award for “Greatest on the Ground Impact” from the Alliance for the Chesapeake Bay.

CTree is unique in that it does not require participant-organizations to purchase trees as most reimbursable grant programs do. In place of traditional reimbursable monetary grants, a process was created for groups to apply for “CTree Kits” (Table 1). Providing tree kits up front, in place of monetary reimbursement upon project completion, allowed many groups to apply that would have been unable to spend the money up front. Successful applicants also received support from partnering agencies. The kits include everything the groups need for organizing and implementing community tree plantings:

- Trees in a variety of species and stock sizes
- Tubes and cages for deer protection
- Stakes and arbor strap for stability of newly planted trees
- Mulch to foster good root growth
- CTree sign and metal stake

### **WV Project CommuniTree in Spring 2015**

Eighteen (18) groups successfully applied in spring 2015 and were awarded CTree Kits and technical support. A wide range of organizations participated, from elementary school students to seasoned adult volunteers, and a total of 596 trees were planted (Table 1, Page 7).

Each group was asked to provide \$1,500 worth of volunteer contribution in the form of volunteerism and material donations to match the federal contribution of trees and materials for the CTree Kits. Overall the groups produced \$53,120 worth of volunteer contribution, \$26,120 beyond the requirement. The contribution was primarily in volunteer labor but some groups provided their own donations of materials. Seventeen (17) of the eighteen (18) groups exceeded their \$1,500 volunteer contribution requirement.

The one group, Paw Paw Schools, that did not meet their match was only short \$10 (<1 volunteer hour) and has plans to make up the shortfall through tree care and maintenance. No group may apply for future CTree grants until they have met their match goal from prior plantings. All the projects were on public land or privately held land that is open to the public. Sites included schools, parks, subdivisions, road right-of-ways, and a recycling center. Projects took place in all eight (8) counties of the Potomac Basin.



*Youth volunteers carrying tubes at Breckenridge Subdivision in Charles Town*

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*Father-and-son team at Deerfield Village Subdivision*



*Students from Harpers Ferry Middle School smiling for a picture on the Route 9 Bike Path*



*Girl Scouts planting trees with Sleepy Creek Watershed Assn. at Greenwood Elementary School*

Photos of past projects, a map of suggested planting sites, and the current CTree application are available by clicking the Forestry tab at [www.cacaponinstitute.org](http://www.cacaponinstitute.org). For additional questions and comments, please contact Tanner Haid, Cacapon Institute's Urban Watershed Forester, at [thaid@cacaponinstitute.org](mailto:thaid@cacaponinstitute.org).

### Conclusions

The CTree spring 2015 planting season was a major success. New community groups were engaged (eleven of eighteen groups were new to the CTree program), existing groups continued to receive technical support (seven of the eighteen groups have successfully completed CTree projects in the past), and the Potomac Headwaters has 596 new urban trees that will provide benefits for local communities. Lessons learned this spring 2015 planting season include:

- **Successful outreach to new groups requires a farsighted and persistent approach.** Cold calls, while useful to “get a foot in the door,” seldom lead to new applications. Cold mailings and saturation emails, likewise, do not have a strong impact. It has been our experience that checking back in with groups during the open application period, season after season, will ultimately have positive results with those groups applying. Tanner Haid, for example, had been calling and emailing Heather Field, a subdivision property manager, since 2013. Finally, this season, she applied and hosted tree plantings at Breckenridge subdivision in Charles Town and engaged her co-worker Rachel Dines in a CTree planting at Villages of Washington Trail subdivision in Martinsburg. These two groups planted a total of 150 trees and engaged a total of 82 volunteers. Heather, as well as Rachel and a third employee, are currently planning projects with three communities (two are new to the CTree Program) in fall 2015.
- **Expanding definition of “public land” has increased participation from new groups.** CTree will always work to engage groups in community volunteerism at priority planting sites like schools, parks, and

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road right-of-ways. However, it benefits the CTree program to expand our definition “public” areas to include land that is not, strictly speaking, publicly owned. Including churches, subdivisions, animal adoption shelters, and other community areas that are not often thought of as public lands, but serve the public good, increases participation from new groups. This spring 2015, six of the eighteen groups planted 40% of the trees (238 of 596) at community sites that are not schools, parks, and road right-of-ways. This included 40 trees at public sites that aren’t typically engaged, but should be, in tree planting initiatives (24 at the South Berkeley Recycling Center in Martinsburg and 16 at the Eastern Panhandle Transit Authority in Martinsburg), and 198 trees at subdivisions (100 at Breckenridge in Charles Town, 24 at Deerfield Village in Shepherdstown, 24 at Hammond’s Mill in Spring Mills, and 50 at The Villages of Washington Trail in Martinsburg).

- **Distribution of projects across Potomac Headwaters is critical.** All eight (8) counties in the Potomac Headwaters participated this spring 2015. To ensure we are engaging a diverse audience, and in an effort to encourage participation from all of our CTree Liaisons at partnering agencies, it is important that CTree continues to seek out applications from across the Potomac Headwaters. Similar to previous CTree planting seasons, the majority of trees planted this season (368 of 596, 62%) were planted in Jefferson and Berkeley Counties.
- **CTree groups continue to exceed expectations.** Volunteers continue to provide more volunteer hours and material donations than is required. Seventeen of the CTree spring 2015 groups exceeded their \$1,500 volunteer contribution requirement and provided \$26,120 overmatch for the grant (\$53,120 total).

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<b><u>CTree Kits Spring 2015</u></b>				
<b><u>Projects</u></b>	<b><u>Kit</u></b>	<b><u># of Trees</u></b>	<b><u>Stock Size</u></b>	<b><u>Species</u></b>
<a href="#">Berkeley County Council</a>	Mixed-16**	16	(16) 1" caliper, 6-10' height	<b>(2) northern red oak, (2) tulip poplar, (3) sweet gum, (2) sugar maple, (3) white oak, (2) serviceberry, (1) flowering dogwood, (1) eastern redbud</b>
<a href="#">Berkeley County Solid Waste Authority</a>	Mixed-24**	24	(12) 1" caliper, 6-10' height (12) 4-6' height	<b>(2) northern red oak, (1) tulip poplar, (2) sweet gum, (3) white oak, (2) serviceberry, (1) flowering dogwood, (1) eastern redbud, (2) white pine, (4) arrowwood viburnum, (4) silky dogwood, (2) red chokeberry</b>
<a href="#">Breckenridge HOA</a>	Riparian-100**	100	(100) 4-6' height	(5) red maple, (5) northern red oak, (10) sweet gum, (16) sycamore, (10) sugar maple, (10) pin oak, (6) serviceberry, (10) eastern redbud, (8) swamp white oak, (10) hackberry, (10) river birch
<a href="#">Camp Frame 4-H Association</a>	Mixed-16**	16	(16) 1" caliper, 6-10' height	<b>(4) northern red oak, (1) tulip poplar, (2) sweet gum, (5) white oak, (2) serviceberry, (1) flowering dogwood, (1) eastern redbud</b>
<a href="#">City of Ranson</a>	Flowering-24**	24	(12) 1" caliper, 6-10' height (12) 4-6' height	<b>(12) eastern redbud, (12) eastern redbud</b>
<a href="#">Deerfield Village HOA</a>	Flowering-24	24	(12) 1" caliper, 6-10' height (12) 4-6' height	<b>(4) serviceberry, (6) serviceberry, (4) flowering dogwood, (2) flowering dogwood, (4) eastern redbud, (4) eastern redbud</b>
<a href="#">Eagle Intermediate School</a>	Mixed-24	24	(12) 1" caliper, 6-10' height (12) 4-6' height	<b>(2) northern red oak, (2) northern red oak, (2) tulip poplar, (2) sugar maple, (1) sugar maple, (2) white oak, (1) white oak, (4) serviceberry, (4) eastern redbud, (4) white pine</b>
<a href="#">Frankfort Intermediate School</a>	Mixed-24	24	(12) 1" caliper, 6-10' height (12) 4-6' height	<b>(2) northern red oak, (2) northern red oak, (2) tulip poplar, (2) sweet gum, (2) sugar maple, (1) sugar maple, (2) white oak, (1) white oak, (4) serviceberry, (2) flowering dogwood, (4) white pine</b>
<a href="#">Franklin Elementary School</a>	Flowering-24	24	(12) 1" caliper, 6-10' height (12) 4-6' height	<b>(12) serviceberry, (6) flowering dogwood, (6) eastern redbud</b>

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<a href="#">Grant County Extension Service</a>	Shade-16	16	(16) 1" caliper, 6-10' height	(2) red maple, (2) northern red oak, (2) tulip poplar, (4) sweet gum, (4) white oak, (2) swamp white oak
<a href="#">Hammond's Mill HOA</a>	Mixed-24**	24	(12) 1" caliper, 6-10' height (12) 4-6' height	(3) tulip poplar, (3) sycamore, (3) sweet gum, (3) sugar maple, (3) white oak, (5) serviceberry, (4) eastern redbud
<a href="#">Hampshire High School</a>	Mixed-100**	100	(100) 4-6' height	(10) red maple, (5) northern red oak, (5) sweet gum, (10) tulip poplar, (5) sugar maple, (5) pin oak, (5) scarlet oak, (17) serviceberry, (18) eastern redbud, (5) white pine, (5) pitch pine, (10) eastern red cedar
<a href="#">Moorefield High School Envirothon Team</a>	Mixed-24**	24	(12) 1" caliper, 6-10' height (12) 4-6' height	(10) pin oak, (2) chestnut oak, (4) serviceberry, (8) eastern redbud
<a href="#">Paw Paw School</a>	Flowering-24	24	(12) 1" caliper, 6-10' height (12) 4-6' height	(3) serviceberry, (10) serviceberry, (2) flowering dogwood, (1) flowering dogwood, (7) eastern redbud
<a href="#">Shepherd Environmental Organization</a>	Mixed-50**	50	(6) 1" caliper, 6-10' height (44) 4-6' height	(1) northern red oak, (3) northern red oak, (2) tulip poplar, (1) sugar maple, (3) sugar maple, (2) pin oak, (1) white oak, (6) serviceberry, (6) eastern redbud, (15) white pine, (10) pitch pine
<a href="#">Sleepy Creek Watershed Association</a>	Mixed-16**	16	(16) 1" caliper, 6-10' height	(2) northern red oak, (1) tulip poplar, (3) sweet gum, (4) white oak, (3) serviceberry, (3) eastern redbud
<a href="#">TA Lowery Elementary School</a>	Mixed-16**	16	(16) 1" caliper, 6-10' height	(8) white oak, (4) serviceberry, (4) eastern redbud
<a href="#">Villages at Washington Trail HOA</a>	Mixed-50**	50	(6) 1" caliper, 6-10' height (44) 4-6' height	(1) northern red oak, (5) eastern redbud, (20) white pine, (22) pitch pine, (2) eastern hemlock
<b>Totals</b>			596 trees = (396) 1" caliper, 6-10' height and (200) 4-6' height	

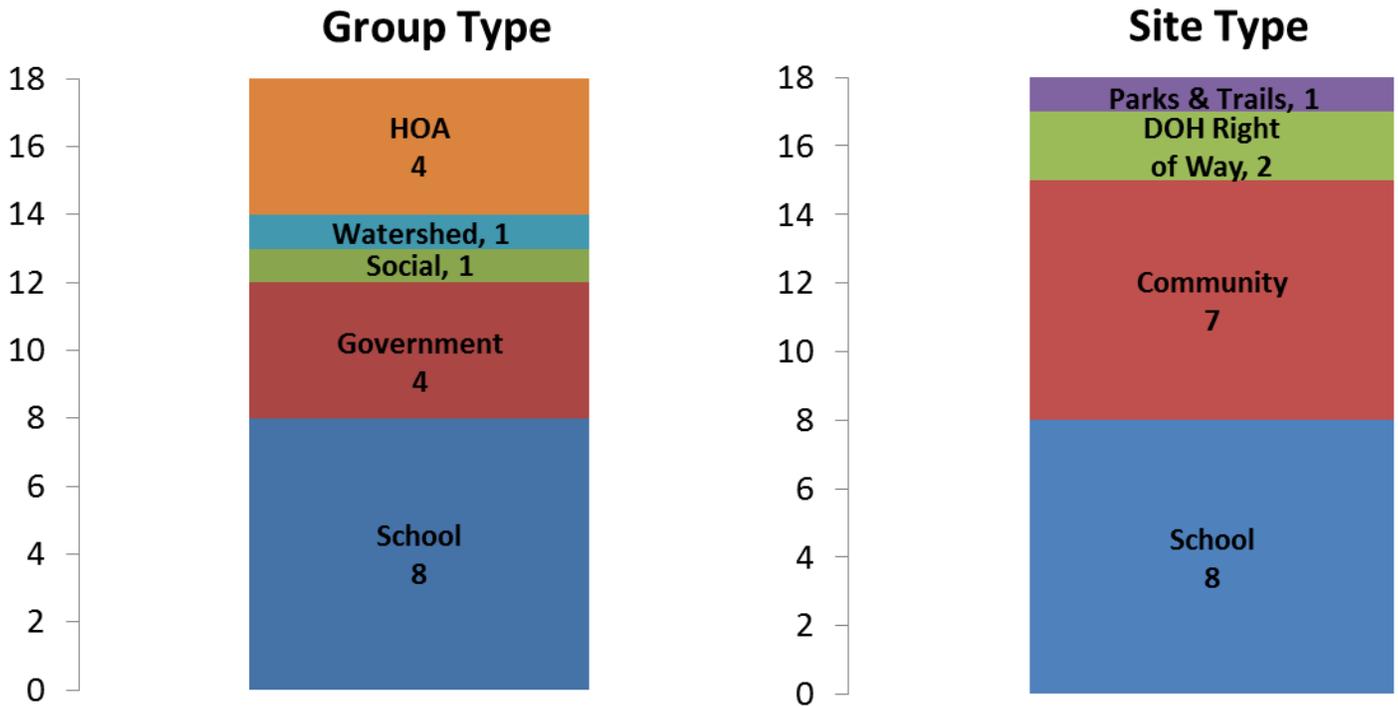
**Table 1:** Description of WV Project CommuniTree Kits that were awarded in spring 2015. Tree substitutions were allowed when they were justified based on site specific needs. \*\* = kits with substitutions. **Bold** trees were larger stock size. For a full list of CTree kits, visit the Forestry tab at [www.cacaponinstitute.org](http://www.cacaponinstitute.org).

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## Trees Planted by Group and Location

Group	Planting Location	Community	County	# Trees
Berkeley County Council	Eastern Panhandle Transit Authority	Martinsburg	Berkeley	16
Berkeley County SWA	South Berkeley Recycling Center	Inwood	Berkeley	24
Breckenridge HOA	Breckenridge Subdivision	Charles Town	Jefferson	100
Camp Frame 4H Association	Camp Frame	Hedgesville	Berkeley	16
City of Ranson	Rout 9 Priority Site 7	Ranson	Jefferson	24
Deerfield Village HOA	Deerfield Village subdivision	Shepherdstown	Jefferson	24
Eagle Intermediate School	Eagle Intermediate School	Martinsburg	Berkeley	24
Frankfort Intermediate School	Frankfort Intermediate School	Fort Ashby	Mineral	24
Franklin Elementary School	Franklin Elementary School	Franklin	Pendleton	24
Grant County Extension Service	Petersburg Town Park	Petersburg	Grant	16
Hammond's Mill HOA	Hammond's Mill Subdivision	Spring Mills	Berkeley	24
Hampshire High School	Hampshire High School	Romney	Hampshire	100
Moorefield High School Env. Team	Winchester Avenue right-of-way	Moorefield	Hardy	24
Paw Paw Schools	Paw Paw Schools	Paw Paw	Morgan	24
Shepherd Environmental Org.	Shepherd University	Shepherdstown	Jefferson	50
Sleepy Creek Watershed Assn.	Greenwood Elementary School	Berkeley Springs	Morgan	16
TA Lowery Elementary School	TA Lowery Elementary School	Shenandoah Junction	Jefferson	16
Villages at Washington Trail HOA	Villages at Washington Trail subdv.	Martinsburg	Berkeley	50

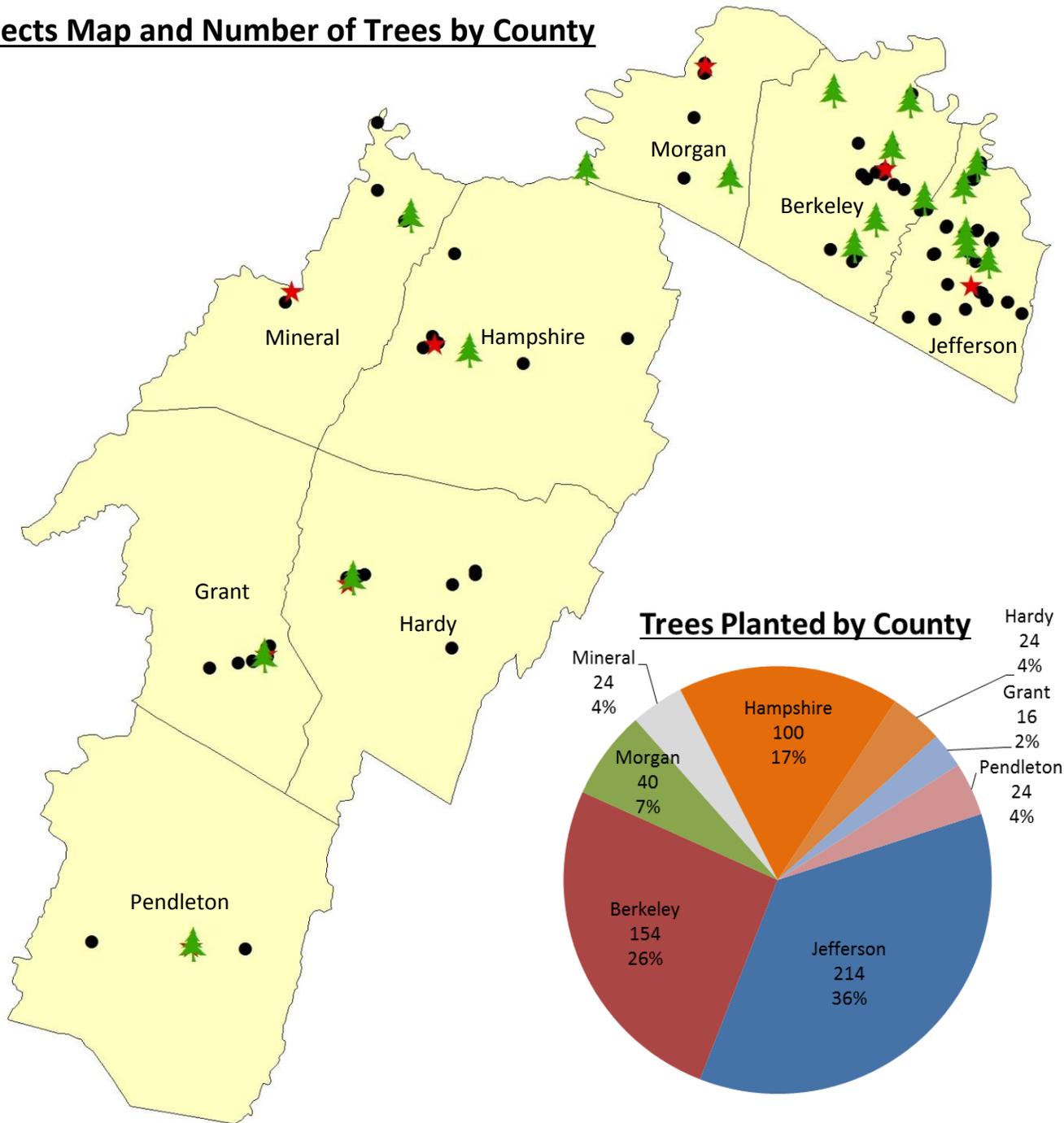
**Table 2:** spring 2015 groups, planting location, community, county, and number of trees planted.



**Figure 1:** CTree Group Types (left) and Planting Site Types (right) this spring 2015.

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## Projects Map and Number of Trees by County



### Legend

-  Spring 2015 (18)
-  Past Projects (76)
-  County Seats
-  Potomac Headwaters



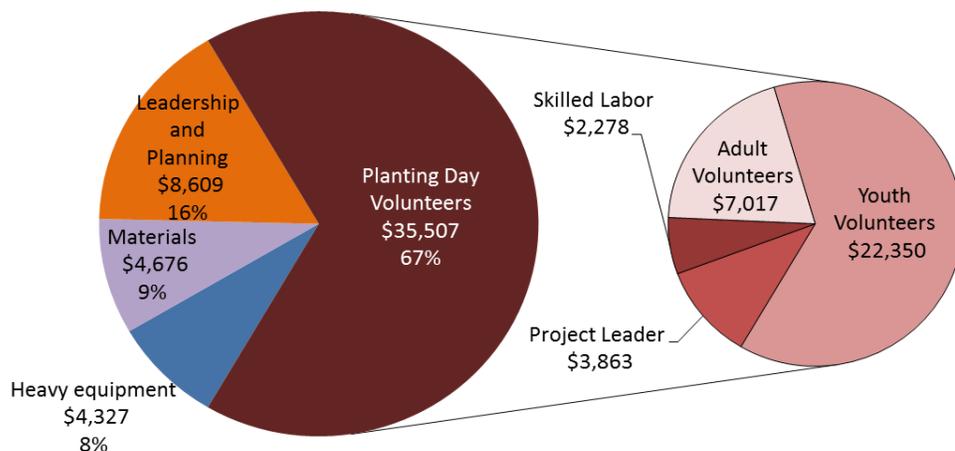
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## Volunteer Contribution by Group

Group	# Volunteers				Volunteers Hours				Volunteer Contribution	Overmatch
	YV	AV	SL	PL	YV	AV	SL	PL		
Berkeley County Council	3	7	11	2	8	19	36	11	\$ 1,609	\$ 109
Berkeley County SWA	9	3	2	2	34	10	7	10	\$ 1,684	\$ 184
Breckenridge HOA	25	20	0	2	56	46	0	19	\$ 2,795	\$ 1,295
Camp Frame 4H Assn.	10	0	2	2	22	0	9	20	\$ 1,556	\$ 56
City of Ranson	70	14	2	2	258	15	9	42	\$ 7,693	\$ 6,193
Deerfield Village HOA	6	13	2	2	15	33	9	9	\$ 1,643	\$ 143
Eagle Intermediate School	250	6	2	2	188	60	20	13	\$ 4,481	\$ 2,981
Frankfort Intermediate School	90	7	3	2	270	40	18	16	\$ 5,663	\$ 4,163
Franklin Elementary School	300	2	0	5	225	12	0	22	\$ 4,105	\$ 2,605
Grant County Extension Service	6	9	7	4	12	18	32	14	\$ 1,508	\$ 8
Hammond's Mill HOA	3	4	6	4	20	26	34	42	\$ 3,509	\$ 2,009
Hampshire High School	50	2	0	2	150	16	0	25	\$ 3,559	\$ 2,059
Moorefield High School Env. Team	20	6	6	7	60	17	38	18	\$ 2,885	\$ 1,385
Paw Paw Schools	91	0	0	2	68	0	0	16	\$ 1,490	\$ (10)
Shepherd Environmental Org.	5	38	4	2	8	78	13	11	\$ 1,972	\$ 472
Sleepy Creek Watershed Assn.	14	18	11	2	28	37	33	13	\$ 1,914	\$ 414
TA Lowery Elementary School	159	8	1	2	80	10	4	16	\$ 1,998	\$ 498
Villages at Washington Trail HOA	9	21	2	3	50	108	4	12	\$ 3,057	\$ 1,557
<b>Sub-total</b>	1298	178	61	49	1550	544	266	328		
<b>TOTAL</b>		1,408				2,687			\$ 53,120	\$ 26,120

**Table 3:** Volunteer labor hours, number of volunteers per type, and volunteer contribution and material contributions each group provided. YV = Youth Volunteer, AV = Adult Volunteer, SL = Skilled Labor, and PL = Project Leader. Each group was asked to provide \$1,500.00 in volunteer contribution to offset the cost of the CTree Kits and the value of the professional technical assistance. A complete breakdown of volunteer contribution can be found in Table 5 on Page 13.

### Volunteer Contribution and Material Donations



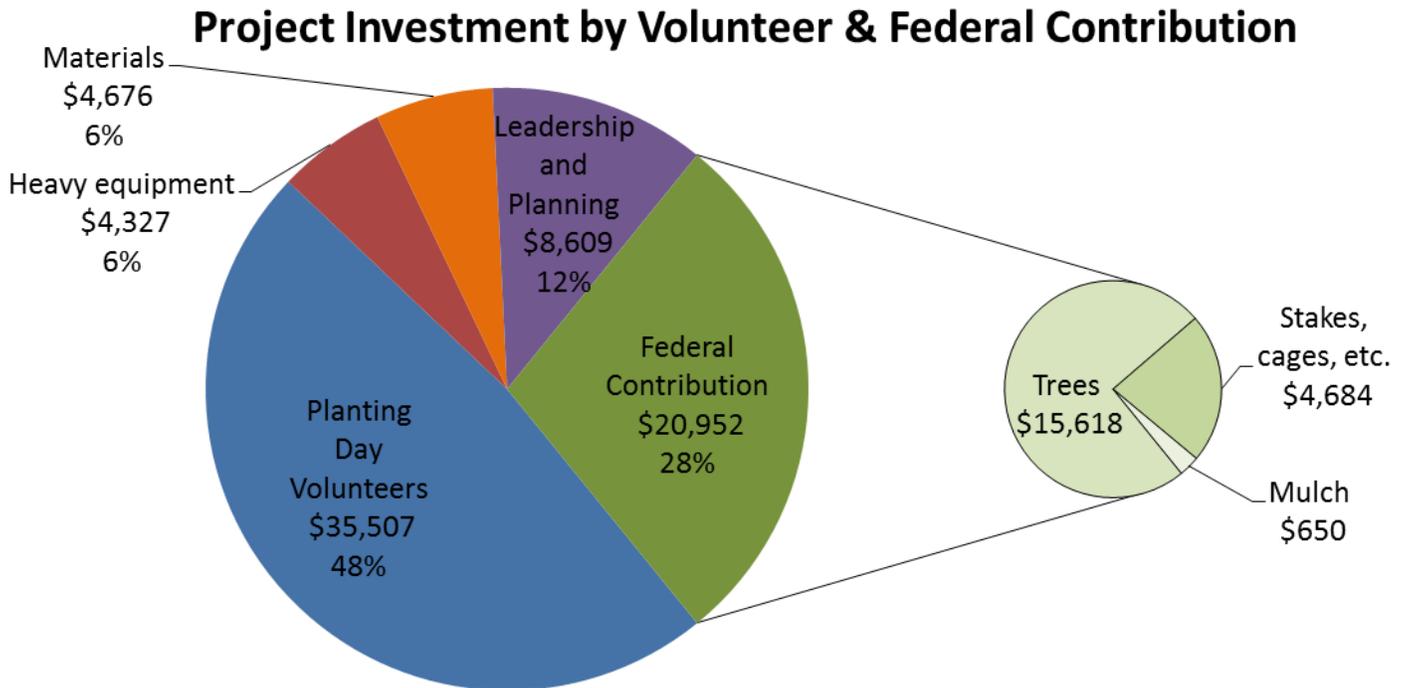
**Figure 3:** The pie on the left is the complete volunteer contribution and material donations for spring 2015. The break-out pie on the right is the contribution provided by volunteers on the planting day.

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## Federal Contribution

Item	Description	Quantity	Price
Trees	Clear Ridge Nursery (Moorefield & Inwood delivery included)	596	\$ 15,617.52
Stakes	Burch Wood Products (multiple sizes)	571	\$ 753.00
Tubes	Tree Pro, Conservation Services, & Plantra	371	\$ 1,033.83
Cages	Southern States (6' sections of weled woven wire)	225	\$ 217.94
Rebar	Heiston (2 for each cage)	450	\$ 560.00
Mulch	Potomac Farms & Grant County Mulch (bags)	242	\$ 650.40
Arbor Strap	Forest Suppliers (6' section for each large tree, 1,200' total)	200	\$ 230.25
Signs	WV Correctional Facilities	100	\$ 1,812.00
Sign Posts	Lowes	18	\$ 77.40
<b>TOTAL</b>			<b>\$ 20,952.34</b>

**Table 4:** spring 2015 WV Project CommuniTree expenses to purchase trees and materials

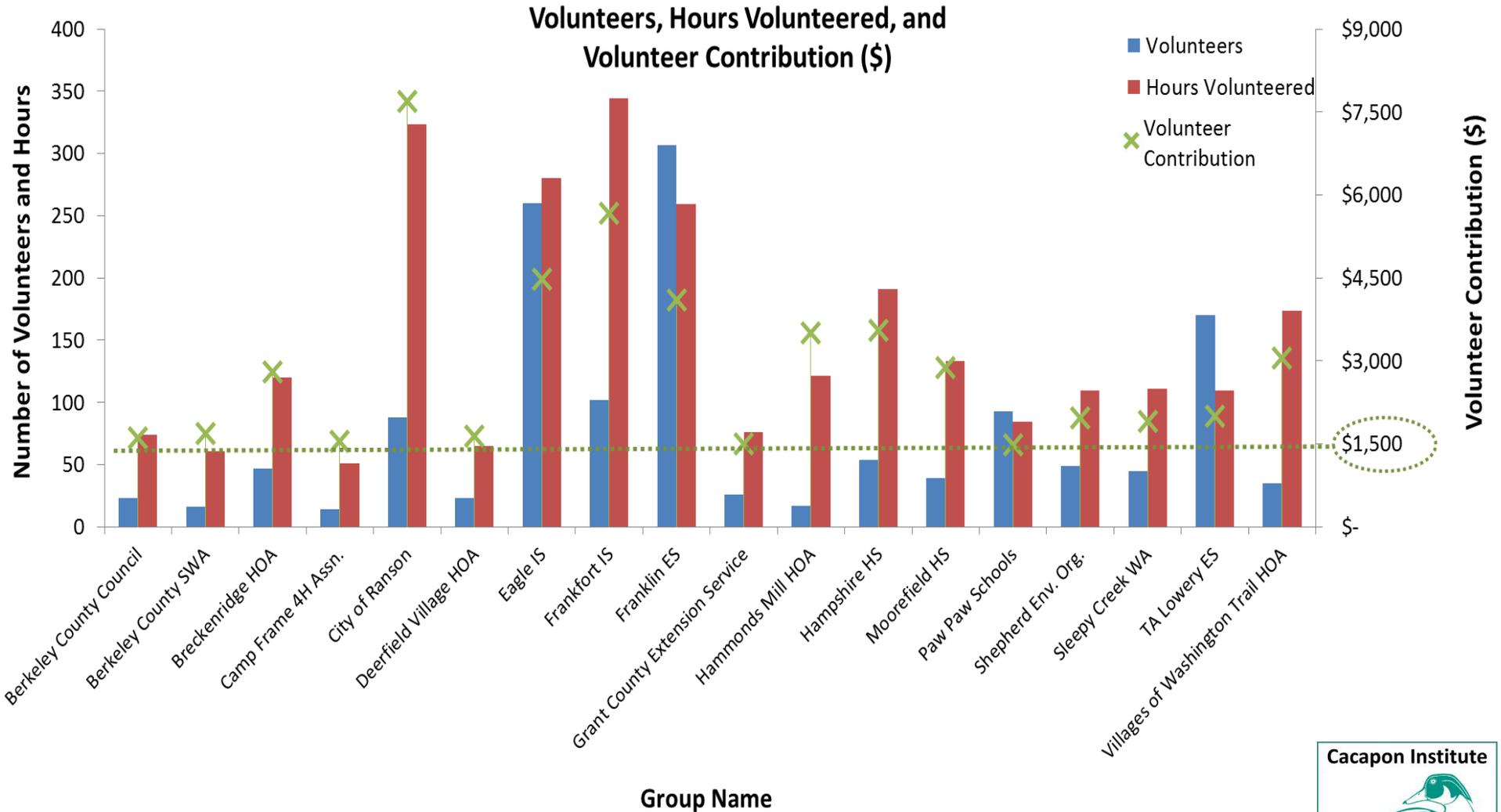


**Figure 5:** Project investment by volunteer and federal contribution. The pie on the left shows project investment, both in terms of volunteer contribution and materials donations as well as by federal contributions. The pie chart on the right shows a breakdown of the federal contribution by material. \*Federal contribution towards salary for WV-DOF, WVCA, Cacapon Institute, or others is not included. This reflects materials costs only in federal contributions.

Volunteer Contribution and Material Donations										
Group Name	Berkeley County Council	Berkeley County SWA	Breckenridge HOA	Camp Frame 4H Assn.	City of Ranson	Deerfield Village HOA	Eagle Intermediate School	Frankfort Intermediate School	Franklin Elementary School	Grant County Extension Service
Heavy equipment	\$ 516.50	\$ 328.00	\$ 390.00	\$ 284.00	\$ 903.50	\$ 163.50	\$ 125.00	\$1,252.00	\$ 100.00	\$ 760.00
Leadership & Planning	\$ 771.75	\$ 701.00	\$1,599.20	\$ 699.00	\$4,382.00	\$ 914.50	\$4,252.50	\$4,104.00	\$4,005.00	\$ 584.00
Planting Day Volunteers	\$ 299.58	\$ 427.60	\$ 530.00	\$ 373.00	\$ 267.25	\$ 84.50	\$ 73.00	\$ 212.10	\$ -	\$ 123.00
Materials	\$ 20.75	\$ 227.60	\$ 275.71	\$ 200.00	\$2,140.00	\$ 480.00	\$ 30.00	\$ 95.00	\$ -	\$ 40.82
<b>Volunteer Contribution</b>	<b>\$ 1,608.58</b>	<b>\$1,684.20</b>	<b>\$2,794.91</b>	<b>\$1,556.00</b>	<b>\$7,692.75</b>	<b>\$1,642.50</b>	<b>\$4,480.50</b>	<b>\$5,663.10</b>	<b>\$4,105.00</b>	<b>\$ 1,507.82</b>
<b>Overmatch</b>	<b>\$ 108.58</b>	<b>\$ 184.20</b>	<b>\$1,294.91</b>	<b>\$ 56.00</b>	<b>\$6,192.75</b>	<b>\$ 142.50</b>	<b>\$2,980.50</b>	<b>\$4,163.10</b>	<b>\$2,605.00</b>	<b>\$ 7.82</b>
Group Name	Hammond's Mill HOA	Hampshire High School	Moorefield High School Env. Team	Paw Paw Schools	Shepherd Environmental Org.	Sleepy Creek Watershed Assn.	TA Lowery Elementary School	Villages at Washington Trail HOA	<b>Totals</b>	
Heavy equipment	\$ 736.00	\$ 545.00	\$ 751.00	\$ 312.50	\$ 337.00	\$ 525.00	\$ 295.00	\$ 285.00	<b>\$ 8,609.00</b>	
Leadership & Planning	\$1,574.50	\$2,570.00	\$1,500.00	\$1,111.25	\$1,441.50	\$1,336.00	\$1,515.50	\$2,445.50	<b>\$35,507.20</b>	
Planting Day Volunteers	\$ 321.28	\$ 369.00	\$ 604.38	\$ 66.13	\$ 68.52	\$ 36.23	\$ 170.13	\$ 301.75	<b>\$ 4,327.45</b>	
Materials	\$ 877.00	\$ 75.00	\$ 30.00	\$ -	\$ 125.00	\$ 16.98	\$ 17.00	\$ 25.00	<b>\$ 4,675.86</b>	
<b>Volunteer Contribution</b>	<b>\$3,508.78</b>	<b>\$3,559.00</b>	<b>\$2,885.38</b>	<b>\$1,489.88</b>	<b>\$1,972.02</b>	<b>\$1,914.21</b>	<b>\$1,997.63</b>	<b>\$3,057.25</b>	<b>\$53,119.51</b>	
<b>Overmatch</b>	<b>\$2,008.78</b>	<b>\$2,059.00</b>	<b>\$1,385.38</b>	<b>\$ (10.12)</b>	<b>\$ 472.02</b>	<b>\$ 414.21</b>	<b>\$ 497.63</b>	<b>\$1,557.25</b>	<b>\$ 26,119.51</b>	

Table 5: Complete breakdown of volunteer contribution and material donations per group

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**Figure 5:** Volunteer labor hours and total number of volunteers that worked on the project are displayed on the primary vertical axis (left). The cash value of the volunteer contribution and material donations provided per group is displayed on the secondary vertical axis (right). The green perforated line connected to the green perforated circle represents the \$1,500 volunteer contribution requirement. Seventeen groups exceeded the \$1,500 volunteer contribution requirement. The total contribution for CTree spring 2015 was \$53,119.51

