



HARPETH RIVER WATERSHED ASSOCIATION

ANNUAL REPORT: 2011

April 1, 2011 to March 31, 2012

I. Water Quality Protection and Sustainability: \$188,875

- Harpeth River Restoration and Lowhead dam project:

This nationally funded project moved through final approved design plans during the fiscal year that included securing all relevant permits and reviews at the federal, state and local level. All documents and permits and details of this project are on the web site: http://www.harpethriver.org/program/lowhead_dam. During the spring of 2011 the preliminary design plan was completed. The Preliminary Design differs from the earlier Concept Design in that it is simplified by the reduction of pool elevation; thus, requiring only one low-profile, structure in the main channel versus the original six step pools. This one structure in the main channel is a double invert boulder cross vane structure to control pool elevation and several features to help with streambank stability and habitat. There are other structures in two tributaries and boulders in the main channel for fish habitat. This plan will eliminate the impoundment and restore over 8000 feet of the river to a free flowing natural riffle, run, pool structure, reduce siltation and sedimentation, improve habitat and water quality and allow fish passage while providing the city with a beautiful improved access for fishing and paddling; all while not hindering the city's ability to make drinking water under the terms of the state ARAP water withdrawal permit. The Harpeth River will become free flowing for its entire length, which makes its only one of 2 or 3 such rivers in all of the state.

Part of the design plan work included analysis of the city's drinking water intake structure. Analysis found that no modifications were needed for this project which saved the city nearly \$100,000. The project's Full Steering committee meeting was held in May and reviewed and approved the plans. Final signed and sealed plans on the project were approved by city planning commission in January 2011. At that time, the city's engineering department moved to the phase of preparing bid documents that were issued in the spring after the end of this fiscal period.

Based on city's budgeting process and bidding process, the date to complete the project was moved from the summer of 2011 to the summer and fall of 2012. TWRA recommended in their approval that construction avoid April and May during the breeding season for the smallscale darter (*Etheostoma microlepidum*) that has been found in each fish survey conducted in the area over the years and with the study for this project. The end of the USFWS grant is September 2012, but a "no cost" extension can be obtained if needed. The City of Franklin and HRWA worked in two Memoranda of Agreements

during the summer and fall for the project. The MOA between the city and HRWA was adopted in September 2012 and between the city and TDEC in December 2012. Bolze attended all city meetings related to this project as the lead staff and overall Steering Committee leader.

With the public nature of City meetings, press coverage on the project was extensive. A cover story on the top of fold of the Tennessean ran in early August tied to the MOA approval process and other press in January around the public hearing and so forth. A public hearing involving all agency partners with information booths was coordinated by HRWA and COF for late January that attracted over 50 attendees of the public. Bolze gave a presentation on the project to the Ohio Basin Rivers Alliance conference in March that is spearheaded by the U.S. Army Corp of Engineers.

Two bi-annual reports, one annual financial reports, three summary reports and reimbursement requests were handled and the switch to the new federal financial payment system (ASAP).

State Water Quality Protection and Stormwater:

- Sewer permits in the downstream area of the Harpeth River watershed were up for renewal in the spring of 2011. HRWA reviewed the NPDES permits for Kingston Springs and White Bluff. The later has had a series of problems with sewer overflows in the collection system near the plant which has reached Trace creek that flows into the Harpeth at the back side of the Narrows where hundreds of thousands of people recreate annually. HRWA comments noted the need for a compliance schedule and other issues with the permit renewal. TDEC did not include a compliance schedule into the town's permit which needs to be addressed.
- Dissolved Oxygen study of the entire Harpeth River Mainstem was accomplished with volunteers covering more than 10 monitoring sites in late August/early September 2011. Unfortunately TDEC did not get to participate because their probes were not operational at the time. A complete set of all of the Dissolved Oxygen data gathered during HRWA monitoring projects, TDEC, EPA and others were standardized into a reporting format and put into one place to enable others to better analyze the data. A report on the findings over the past decade is to be presented at the April 2012 AWRA TN conference. Presentation to integrate proposals of Franklin's IWRP to come up with long-term plan for sewer and drinking water expansion for the city.
- Franklin's Integrated Water Management Plan and Results: CDM is the engineering firm that has worked for 18 months on a huge array of analyses on options for longterm sewer and drinking water for Franklin. HRWA, USGS, TDEC, various utility companies, Williamson County and others are members of the Stakeholder committee for the project. Bolze has raised key points since the beginning on the problems with the TDML on the Harpeth that has not set the pollutant load low enough to enable the river to recover and meet water quality standards. CDM and the city decided to take the pollutant loads in the EPA TMDL as they are and not evaluate options with the load at half the amount. Bolze is HRWA's expert on this project and attended all meeting and presentations of various

segments as CDM presented to Franklin's board of mayor and aldermen (BOMA) starting with the summer of 2011. The analysis looked at sewer and how to double capacity, the future of the drinking water plant, options with the city's stormwater program, restoration options, and effluent reuse for irrigation. Results from the computer water quality model were important. CDM held two meetings with HRWA, USGS and AquAeTer staff (HRWA's experts on the TMDL) to discuss the limitations and flaws in the modeling work. The final presentation to the stakeholder committee in late January said that based on the priorities set by the stakeholders, the best option was to build a second sewer plant UPRIVER a few miles from the current drinking water plant intake so that more water could be in the river in the summer to allow the drinking water plant to have more water when the river was low. USGS, HRWA and a few others had been pushing back on this "Toilet to Tap" option since the beginning by asking about health issues, public acceptance and basic assumptions in the modeling. Franklin would be the first community in the nation to do such a direct connection of treated sewer effluent to drinking water, and it isn't a necessary option at all. It is being driven by city reluctance to let go of a perceived sense of autonomy by maintaining some drinking water production capacity on the Harpeth when all drinking water can be provided by Harpeth Valley Utility District from its drinking water plant on the Cumberland River.

HRWA helped several aldermen get a grasp of the various moving parts to the IWRP work so that they could formulate questions to ask. Many were concerned about how costs were derived, the percentage of the river's flow in the summer that would be treated effluent going into the drinking water plant, and whether the stakeholder experts had actually endorsed this option. HRWA attended meetings and spoke, and circulated comments on key limitations to the analysis, that other options that had been reviewed were viable, and that the stakeholders had explicitly not endorsed the "Toilet to Tap" option. Williamson AM stories generated from the public meetings carried HRWA quotes, data, and the "Toilet to Tap" label.

After the last informal presentation to the aldermen, a resolution to adopt a \$200 million suite of projects was quickly on the table. HRWA work hard to come up with reasonable components from that list that the city could move forward with that would not box them into the "Toilet to Tap" option. One of the main sticking points besides having a sewer plant discharging just upstream of the drinking water plant, is whether it is financially sound to continue to make drinking water at all from the Harpeth. Votes on revised components of the sewer and water projects happen in April and early May. HRWA created a web page on the overall IWRP and Toilet to Tap proposal and on the sewer plants: <http://www.harpethriver.org/program/FranklinIWRP>.

Tied to the IWRP work is TDEC's efforts to revise and renew the Sewer plant permits for Franklin, Cartwright Creek and Berry's Chapel (formerly Lynwood). The permits became officially up for renewal in November 2011. The TDEC permit writer has been very interested in all of the IWRP and HRWA data and analyses.

- **Chickering Road sewer line:** An issue with sewer lines arose along Chickering Road when the line blew out and created a mess in John Ingram's front yard. While Metro was very

responsive and repaired the leak, HRWA was asked to meet with Metro and look into complaints in the area along the sewer line. The line was built to connect Brentwood to Metro so that Brentwood would shut down its antiquated small package plant on the Little Harpeth. The city had been fined by TDEC for raw sewage violations from the plant and collection lines. A forced main line now runs from the pump station on the Little Harpeth just next to Christ Presbyterian Academy and runs up Chickering Road to connect to the end of the gravity sewer line which ultimately sends sewage from Brentwood for treatment across the Cumberland River.

The timing of the Chickering Road project was important because Metro was finalizing a one billion dollar CAP/ER (correction action plan) for its sewer system to meet an EPA settlement agreement. HRWA met with Metro sewer staff and met them on site and did field reconnaissance based on Metro's recent reports to neighbors on the situation. A leaky manhole not far from the connection between Brentwood and Metro's systems was a problem. Metro did a camera scan and replaced the cracked sewer lid. HRWA hired AquaAeTer to do an *E. coli* study to see if the creek was being affected by the sewer line. The creek appears to be dry much of the time, though with a bedrock bottom, and fissures. The study found sites with *E. coli* counts over the state standards. The report was submitted to Metro which picked up on monitoring and doing PCR samples to identify the source of the *E. coli*. HRWA completed a review of Metro's CAP/ER and proposed a few additions that were included. HRWA's efforts with Metro focused some more effort at solving a recurring problem in the sewer line, but PCR data follow-up is still needed. HRWA provided the bacterial study to Metro and helped to arrange a meeting with the city of Belle Meade mayor, vice mayor, and manager, with Metro Councilman Emily Evans, and staff from Metro's sewer department.

- State Triennial Review of the water quality standards. TDEC had drafted a revision that sat for over a year until the case brought against the state over anti-degradation was won that HRWA board member Bridgers tried. TDEC rewrote the revision and issued it as final to the Water Board for approval at the end of 2011. HRWA along with numerous members of the TN Water groups argued in comments before the Water board that the revisions made substantive changes to the meaning of the regulations and needed to be reissued for public notice and comment. In addition Bridger's client funded a law suit filed in court that morning of the Water Board hearing arguing the same. The Water Board agreed and the revisions went out for public comment in late February 2012. Some of the key errors in the latest revision were addressed in the final version.
- HRWA reviewed a proposal before Metro Stormwater Appeals board in February by a property owners to replace bridge crossing over South Harpeth. HRWA provided comments and suggested natural channel design river restoration features, such as J-vanes, based on input from Ober who is one of HRWA's board members with expertise in bioengineering design for river restoration. The area of the river in question is highly eroding and the project offered important opportunities for buffer re-vegetation that was in a separate plan, and some orientation of the river's flow with vanes to prevent further river bank scour around the bridge pilings. HRWA's proposed changes were accepted.
- Bolze is vice-Chair of both Franklin and Williamson County's Stormwater Appeals Board which convened in both January and February, and the Franklin SWAB also met in March.

- In the 2012 state legislature, Bolze reviewed bills related to the Stormwater Qualified Local Program. Bolze sat on the TDEC project committee on behalf of the conservation committee. Bolze work with TDEC legislative staff to clean up the bills so that they complied with the federal laws on QLPs and were the legislative bills needed for TDEC's QLP program. A Quality Local Program is a municipal stormwater regulatory system that has been approved to also issue the state general construction permit.
- Stream mitigation bills were proposed that generated attention on various aspects of this regulatory program in permits. HRWA represented sister conservation organizations at a negotiation meeting with representatives of the mining industry, road builders and others with TDEC to clarify that the bills as redrafted do not conform to federal and state regulations to avoid and then minimize damage to natural resources. Mitigation is a last resort and the bills would have enabled it to be the first option. Ultimately the bills did not move through the legislature, partly from scrutiny of the concept that is the foundation of the TN Stream Mitigation Program.
- Bolze attended national In-Stream Flow Conference meeting held in Nashville in 2011.
- Sponsor for amendments to Safe Dam Act decided not to push at the end of the 2011 legislative year because of fiscal notes.

II. River Restoration and Wildlife Protection: \$94,438

A chart of the projects conducted during the fiscal year under the River Restoration program is attached at the end of the report. The Waterway Flood Recovery Project was a significant component of the overall River Restoration program for this fiscal year.

Waterway Flood Recovery Project

- HRWA's work around the Harpeth river and other counties outside of Davidson County was supported by the remaining \$10,000 grant secured in the last fiscal quarter and with a new \$35,000 grant from the CFMT Middle Tennessee Emergency Response Fund. The emphasis of this grant was to move beyond flood debris removal and launch Phase II to address needed reforestation and bank stabilization in the lower Harpeth river. A site assessment of the conditions in the Harpeth River in flood damaged areas was conducted. The results of this assessment enabled HRWA to find remaining hotspots of flood debris and prioritize bank reforestation areas. Through this grant, HRWA conducted 12 tree planting projects, planting a total of 9163 trees, and removed one large debris dam from the Harpeth River Watershed within this annual reporting period. See project details in the chart below.
- HRWA continued to work in the Harpeth River as well as throughout Davidson County to identify and remove any remaining flood debris from May 2010. During this annual

period, HRWA organized and conducted eight flood debris cleanup projects, drawing 232 volunteers that donated 1002 hours of their time to remove 26 tons of leftover flood debris and household items that were either a direct threat to people recreating or had a potential to create blockages that could cause localized flooding. HRWA has completed a total of 60 volunteer events with 1350 volunteers removing 140 tons of debris, specific to the May 2010 Flood.

- In Nashville, upon completion of the \$25,000 grant for the Nashville clean-up efforts, Hands on Nashville and HRWA prepared a Case Statement on the need for waterway flood recovery. A budget for \$150,000 was prepared and \$100,000 was submitted to the CFMT Metro Flood Disaster Relief Funds but deferred because of such need to get flood victims into their homes. In the winter, HON as the lead on that proposal was informed that it would be better to fund this via River Funds managed by CFMT instead. HON also secured \$30,000 from Cummins Filtration as a corporate sponsor match. Beginning in 2012 projects for clean-up and restoration related to the flood were launched with River Fund and Cummins Filtration support.
- HRWA was instrumental in the organization of the Nashville Waterway Recovery Project, a partnership with Hands On Nashville, Cumberland River Compact, Richland Creek Watershed Alliance, Whites Creek Watershed Alliance, Metro Public Works, The Mayor's Office of Sustainability, and others that was organized to provide flood debris cleanups throughout Metro Nashville. HRWA had already conducted vast efforts on the Harpeth River in Williamson, Davidson and Cheatham Counties and provided an imperative role in the collaborative efforts of the Nashville Waterway Recovery Project. The collaborative group has identified a need for waterway recovery and has found funding in the Community Block Grant funds for flood recovery to Nashville.
- Metro launched a United Flood Preparedness Planning process with Barge Wagonner as the contractor. HRWA is a stakeholder members and attended about 3 meetings on this efforts and the public meetings. HRWA has continued to be the lead voice for not ignoring the need for small waterway restoration from the flood and to consider efforts other than highly expensive engineering projects such as levees.

Fish Habitat and River Restoration

- Fish Habitat and Restoration Initiative: HRWA partnered with the Tennessee Environmental Council (TEC) to create an initiative around middle TN with support from the Dan and Margaret Maddox Charitable Fund. The project's goal is to restore fish habitat via stream restoration with a variety of approaches that enable volunteer involvement and target a percentage of public and low income areas. Project types include reforestation along stream banks, bank stabilization techniques, and rain garden installations with the target being to reduce sediment pollution in streams. The grant support is from December to November 2012. Of 12 -15 projects to be completed by both partners, 7 were completed in this fiscal year by HRWA. Projects include tree plantings in rural and low income areas, and bank stabilization projects in flood affected areas.

- Stream restoration in Brentwood city parks, Little Harpeth
Each year HRWA has a \$4995 contract with Brentwood city parks each fiscal year to conduct streambank restoration around the parks system. For Brentwood's 2011-12 fiscal year, HRWA continued bank stabilization projects along the greenway trail in Brentwood's River Park, Crocket Park, and Tower Park. Projects were completed using volunteers from the Boy Scouts of America and the Girl Scouts of America and donating a total of 219 volunteer hours. HRWA provided environmental education of the Harpeth River habitat on behalf of Brentwood.
- Ensworth High School
HRWA staff completed three Service Learning Work Day events with Ensworth students as part of the implementation of their stormwater management plan under a contract agreement that establishes 3 project days in December 2011, February 2012, and April 2012. These included providing environment education, conducting a streambank stabilization project, transplanting river cane to the stream bank, removing exotic invasive plants, planting trees, and providing coverage on the events. This project was included in Ensworth school publications.
- Using Social Media for Restoration Projects
HRWA's facebook page has a photo album for each restoration project conducted in the annual reporting year. Eblasts and newsletters have been sent to the entire HRWA mailing lists which aid to recruit volunteers, provide recognition to volunteers and partnerships, and to thank corporate sponsors and donors. Please view the HRWA facebook page for a full list of event photos. <https://www.facebook.com/HarpethRiverWatershed>
- HRWA worked with the U.S. Corp of Engineers several times and helped them with data and setting up meetings and site visits for their reconnaissance study on flood related and flooding issues in the Harpeth River.
- New state grant for stream restoration in the headwaters: HRWA submitted two proposals for stream restoration in subwatershed of the Harpeth River to the state department of agriculture's 319 Nonpoint source program in December 2010. One was awarded for \$75,000 to pursue a second phase of work in the headwaters around the Eagleville and College Grove area of the watershed. HRWA was notified in the fall of 2011. The State provided a final signed contract in May 2012 so HRWA will start this work in the next fiscal year.

III. Outreach, Education & Recreation: \$31,479

- River Steward Awards: HRWA revitalized these awards to recognize the many people involved in addressing flood recovery around the region. 13 people, businesses, elected officials, and others were recognized at the River Swing. Details on the awards are on our web site: http://www.harpethriver.org/program/lowhead_dam
- Harpeth river State Specialty License Plate—first one for rivers in the State: State senator Jack Johnson and state representative Charles Sargent sponsored the state legislation

enabling HRWA to launch a specialty license plate under the state's program. License plate designed during the summer and launched at the fall River Swing. As of the end of the fiscal year, 123 sold (\$35 a piece). Funds are restricted and reported on the 990 in Part X (Balance Sheet) on line 19 for deferred income. Williamson AM article on Oct. 4 to launch plate along with River Swing on Oct. 6.

Recreation:

- HRWA had Memorial Weekend membership float for 20 people on the Harpeth river in the downstream section in Davidson County on the State Scenic River section. .

Community Outreach and Education:

- Public meeting organized in late January for the Harpeth River Restoration and Lowhead Dam Removal project. All agency partners had information booths along with HRWA. Over 50 public attendees. The meeting satisfied by the city's public hearing requirement for the project under the planning approval process, but was designed to provide detailed information on the project and wildlife found in the Harpeth River.
- HRWA had booth at Whole Foods Market of Franklin's grand opening weekend and other event in May 2011. Raised \$2800 for HRWA. HRWA had booth at July Living Green Expo that is run by Williamson County.
- HRWA worked on the possibility of a temporary (6 month) office at the Narrows to increase our presence. Foggy Bottom offered a spot on their land for a rental office space. HRWA staff spent time and had meetings in Ashland City with the planning staff and chamber and economic development to work on the arrangements. Ultimately the spot offered was not in a position to get much road exposure or foot traffic and was in the floodplain which required more hurdles.
- "I AM SAVING THE RIVER:ARE YOU?" t-shirts for River Restoration and Flood Recovery project volunteers produced in January in time for spring events.
- Two bi-annual four-color newsletters were produced. One in the spring 2011 tied to our spring membership and prospect mailing and the annual 2012 spring newsletter in March 2012. HRWA shifted from a bi-annual newsletter to an annual print newsletter in the spring.
- Updated areas of the HRWA web site related to project areas: Franklin's Sewer plans and the "Toilet to Tap" proposal, wildlife found in the Harpeth from data provided from USFWS and TWRA on the lowhead dam project, and so forth.

- Bolze gave presentation to Franklin Garden Club. Two table hosts for River Swing cultivated.
- Two powerpoints on the variety of fish found in the Harpeth and mussels prepared by the USFWS and TWRA put on the HRWA web site.
- Bolze gave a presentation on the Harpeth River Restoration and Lowhead Dam Removal project in late March before the Ohio River Basin Alliance meeting held in Nashville. Leadership from Nashville District of the U.S. Army Corp of Engineers attending and part of the Alliance.
- Prepared a new display board related to our Tens Years of Success for use at educational and outreach events in time for Earth Day. Highly successful event at Nissan, but weather affected Earth Day events in Franklin and Nashville.
- HRWA, Mike Cain, participated on the American Water Resources Association TN Chapter 2012 Symposium planning committee.

Media Coverage

- This is not an exhaustive list. The Lowhead Dam removal project generated regular press coverage tied to city decision-making processes. Cover story, top of fold of the Tennessean on the project including terrific graphics of the project ran August 9, 2011. River Swing and Tasting Appreciation Party—extensive press coverage in social press: NFOCUS, Williamson AM, SOCIAL, Your Williamson, and so forth. Press on Channel 4 and 5 and in print in Tennessean, South Cheatham Advocate and elsewhere on the Harpeth River Clean-up Challenge in the Spring of 2011. Christmas Eve cover story on the “silver lining” from the flood covered HRWA’s efforts and the two Volunteer Extraordinaire awardees. Several TV stories on the end of year 2011 Harpeth Protection Campaign. Stories in Williamson AM on HRWA’s criticism of the “toilet to tap” proposal by the engineering firm for Franklin with regard to a preferred option for expanding sewer treatment options over the next 30 years.

IV. Fundraising, Membership and Events: \$21,035

- Harpeth Protection Society party: The Cashias hosted the annual event (April 28) that enables HRWA to show its appreciation to those donors of the Harpeth Protection Society that support HRWA at \$500 or above. Over \$132,000 in support from our HPS donors was received during the fiscal year.

- Harpeth River Swing 2011: Over 500 people attended the October 1, 2011 which raised nearly \$110,000. River Steward Awards were honored as described above and the over 700 volunteers involved in flood clean-up and river restoration projects in the last year were recognized. Extensive media coverage of the event in the social magazines and society pages of the Tennessean and others.
- Harpeth River Tasting and Appreciation Party August 25: Whole Foods Market in Franklin hosted a tasting party for all River Swing corporate sponsors and table hosts in lead up to the River Swing. Press covered the event.
- Membership program both with semi-annual mailings and complimentary electronic contact in place. The program involves the annual end of year Harpeth Protection Campaign that targets the funding from HRWA's membership and donors. The goal of \$65,000 was almost met (\$3200 shy.) The campaign involves design of a self-mailer and electronic/social media campaign through eblasts and Facebook.

V. Finance, Governance, Organizational Planning: \$15,369

This section is not meant to be comprehensive. It has some overall descriptions for completeness of the entire report.

- Board member recruitment was the focus of the board in this fiscal year with the board having an active membership size of 10 by the end of the fiscal year. The board set the preferred number to 12, but the board is intentional and thoughtful in its recruitment. At one point during the year there were 11, but one member (Nathan Ober) needed to step down when he was relocated out of the state. He is now an advisor to the board.
- Board adopted the change of the fiscal year from a calendar year April 1 to March 31. This will start with the year 2011 so there will be a truncated 900 filed for the first quarter of 2011.
- During the year, the organization dramatically increased its cash on hand to the value of nearly 6 months of operating costs. Cash reserves were rebuilt to \$72,000 that was in place prior to the economic recession in that hit in Oct. 2008. This was the priority financial goal of the board this fiscal year. The cash reserves served their intended purpose to provide up to 3-4 months of operating to bridge gaps during economic downturns. At the end of the fiscal year, the net income was \$37,700 more than budgeted for a net income over \$52,000. The organization's efforts in 2009-2010 to adjust staff and reduce program efforts to remain viable through the economic recession paid off along with the effort this fiscal year to expand the membership and donor cultivation with more effective social marketing. By the end of this fiscal year, HRWA was in a very strong fiscal condition and ready to implement staff additions.
- A organizational staffing plan was prepared in the fall of 2011 to bring on an Associate Director. This is part of an overall plan to create the position of President of the organization for the current Executive Director to transition to that will involve shifting most program operational management to the Associate Director position. Candidates

were interviewed in the winter and spring of 2011 and Dr. Alexander Ewing hired. She finished her Doctorate and Vanderbilt in the spring for a start date of April 2, 2012.

- Staffing shifted in January with the new River Funds for Nashville Flood Clean-up and departure of Julia Halford. Graham's position was upgraded to outreach membership manager and financial assistant and she took on parts of Julia's work on membership. Two part time clean-up project coordinators were hired for the spring.
- Annual Executive Director Evaluation completed through the summer as were annual reviews of all staff.
- Technology Upgrades: Efforts to address the server were stymied in 2012 so other systems were put in place to enable file sharing and backup. DROP box was established. The server will still be re-created and relocated to the HRWA office versus continuing remote location. The phone line that had to be directed to a location within Franklin was finally addressed and is now forwarded. The goal was to pull all systems to the main office and not be reliant on other location businesses. New phone system installed in the fall.
- Completed 2010 annual audit, tax and state solicitation filings and updated organization's profile on Giving Matters. Annual planning meeting in January and plan prepared for board.



HARPETH RIVER WATERSHED ASSOCIATION

HRWA Restoration Projects: FY 2011-2012

Date	Project Name	Project Type	Volunteers or group	County	Partners	# of Volunteers	Volunteer Hrs	Tons of Debris Removed	# of Trees Planted
4/9/2011	Walkup Rd.	Cleanup	general call	Cheatham	Sideside Disposal Service	7	28	3	
4/16/2011	River Walk	Cleanup	general call	Davidson	Metro Public Works	20	60	2	
4/30/2011	Zapata Dr, Pegram	Cleanup	see partner	Cheatham	All American Disposal, Carl's Perfect Pig, Belmont Outdoor Pursuits	45	295	10.5	
6/17/2011	Muddy Branch	Cleanup	see partner	Cheatham	Wyman Center	48	144	2.5	

7/19/2011	River Plantation Sec VII	Cleanup	see partner	Davidson	Presbyterian Disaster Relief Wyman Center	6	36	0.5	
7/20/2011	Walkup Rd.	Cleanup	see partner	Cheatham		48	120	1.5	
2/4/2012	Novis Cole, Kingston Springs	Tree Planting	Boy Scout Troop 571 Dickson	Cheatham		29	116		1000
2/11/2012	Zapata Rd, Pegram	Tree Planting	Troop 594 and neighbors	Cheatham		9	27		500
2/18/2012	Hedgepath, White Bluff	Tree Planting	general call	Cheatham		20	80		700
2/25/2012	Myhr, Kingston Springs	Tree Planting	general call	Cheatham		40	120		900
3/3/2012	Burns Park, Kingston Springs	Tree Planting	Cross Point Church	Cheatham		50	150		1300
3/3/2012	Bethany Ct., Bellevue	Remove Debris Dam	Scout Troop 52	Davidson		8	16		0
3/3/2012	RCWA / Urbandale	Revegetation	Richland Creek Watershed Association	Davidson		9	27		13
3/9/2012	Novis Cole II	Tree Planting	University School	Davidson		88	264		700
3/11/2012	Jackson I	Tree Planting	WE Synag. & others			18	72		1000

3/15/2012	RCWA / West Park	Cleanup	Cummins	Davidson		12	36	3	
3/17/2012	Jackson II	Tree Planting	general call			47	188		1200
3/23/2012	WCWA / Hartman Park	Cleanup	Whites Creek Watershed Alliance	Davidson		46	283	3	
3/24/2012	Gentry	Tree Planting	general call			8	32		750
3/31/2012	Overstreet	Tree Planting	general call, GSA troop 1020, Vandy Sierra club			20	92		1100

# of Volunteers	Volunteer Hrs	Tons of Debris Removed	# of Trees Planted
578	2186	26	9163