



HARPETH RIVER WATERSHED ASSOCIATION

ANNUAL REPORT: FY13

April 1, 2013- March 31, 2014

I. Water Quality and Sustainability: \$217,912

State Water Quality Protection and Stormwater Management

- City of Franklin ARAP for water withdrawal for drinking water: Water withdrawal permits are for five years and do not automatically renew. The City proposed a continuation of their current permit. The Tennessee Department of Environment and Conservation (TDEC) issued a new permit in September 2013 decreasing the amount of water that the City of Franklin could withdraw, taking them from 20% to 15%. The City of Franklin appealed TDEC's decision. HRWA, represented by the Southern Environmental Law Center (SELC), also appealed TDEC's decision stating that TDEC is still permitting the City to degrade the Harpeth River by withdrawing too much water. TDEC decided to void the 2013 permit as a result of the appeals and start the public notice process again. Scientific research submitted to TDEC by HRWA supports a 10% reduction to the withdrawal rate. Coupled with an increase from 10 cubic feet per second (cfs) to 18 cfs in river flow, which would provide more of a margin of error for a river that is impaired, a 10% withdrawal rate will likely have minimal effects on ecological functions in the Harpeth River.
- TORA requests to City and TDEC on City Water Withdrawal: Starting in November and in subsequent TN Open records Act requests to TDEC and the City of Franklin, HRWA requested information on a broad range of topics related to the drinking water plant operations, and planning that are relevant to the permit application and review. These include: records of water withdrawal from the river, river flow, percent withdrawal, drinking water purchases, production from the city's own facility, economic analysis, how the river's flow is measured prior to the withdrawal and so forth.
- Sewage Treatment Plant Permit Renewals: TDEC put the 3 NPDES permits for the sewer plants that discharge into the Harpeth in Franklin and Williamson County out for public comment in the summer of 2013. HRWA requested a public hearing that was held in the fall of 2013 and provided comments on all 3 draft permits. The comments were in collaboration with the Southern Environmental Law Center. During the review of the draft permits, continuing issues with compliance with each were noted in the text of TDEC's draft permits. HRWA and SELC conducted a thorough review of the TDEC files on each of the 3 NPDES permits back five years.
- Watershed Management Plan and Technical Advisory Committee: HRWA work in the prior fiscal year with experts to prepare a comprehensive water quality monitoring and watershed

management effort. HRWA worked with agencies, the 3 NPDES sewer plant permittees, TDEC, EPA, USGS, and others to prepare a comprehensive monitoring plan that the sewer permittees would participate in as part of their permit and would be expanded to include stormwater jurisdictions, TDOT and others. In various meetings and conference calls, there is consensus that appropriate water quality data needs to be gathered. HRWA also looked around the country to learn about processes in place that have multiple point sources coordinating in one comprehensive monitoring program and in decision making on pollutant load allocations. HRWA compiled these documents and in February 2012 provided all the federal and state agencies and sewer permittees with a draft watershed water quality monitoring program, the structure for a Technical Advisory Committee and how it would function under TDEC to oversee monitoring and new river models and a TMDL, a compilation of all continuous monitoring data on dissolved oxygen, and examples of approaches around the country. The draft new NPDES permits incorporated aspects of HRWA's recommendations that were issued for comment in April 2013 as summarized earlier.

- 60 day notice of intent to sue filed on three sewage treatment plants: The sewage treatment plants include: the City of Franklin, Harpeth Wastewater Cooperative (formerly Berry's Chapel Utility, Inc., formerly Lynwood), and Cartwright Creek LLC. HRWA and SELC conducted an extensive file review of publicly available documents at the TDEC headquarters and the TDEC Nashville field office. HRWA and SELC found significant numbers of numeric, reporting, monitoring and other required permit requirement violations had occurred over the past five years and were at risk of continuing to occur. The 60 day notices of intent to sue were filed January 13, 2014. Press coverage included TV and print. Legal representatives of the two smaller sewage treatment plants began discussions to settle. The City of Franklin arranged a meeting with HRWA in March to present the city's public response near the end of the 60 day period. The City refiled a significant number of monthly reports to fix reporting errors which were found and reported in the 60 day notice.
- Stormwater Appeals Board: HRWA Executive Director Dorene Bolze, serves as the Vice Chair of both the City of Franklin and Williamson County Stormwater Appeals board. The county's SWAB met most months during the fiscal year. The Mayor of Franklin decided to ask Bolze to step down as Vice Chair of the City's SWAB citing the 60 day notice of intent to sue as the reason. Bolze provided a written statement recognizing the significant effort over the past decade by HRWA in working with the city on stormwater issues, committees, and ordinances.. The statement noted HRWA would continue to work with the City stormwater program and appreciated the chance to serve. The statement was requested by Alderman Skinner who also is a Stormwater Appeals board member to be made a part of the city's permanent minutes for the January BOMA meeting.
- City of Franklin stormwater ordinance revisions and application to small streams: The city of Franklin's Stormwater ordinance has a stream buffer requirement that applies to drainage basins that may not be determined to be streams under the state's new wet weather conveyance determination process. The complexity and need to clarify how the city's stream buffer requirements work with the state's rules became an issue during a variance request in the fall of 2013. The city hired CDM and help a series of workshops to gather input from the development community and others on how to clarify the city's approach and create a stream buffer policy

handbook. HRWA participated in these discussions and provided expertise and suggested revisions to the city's stormwater ordinance as part of the SWAB review process. The ordinance was being updated to incorporate the new MS4 phase II permit requirements related to requiring infiltration on site for the first inch of rain. This staff led review also was an opportunity to address other issues and clarifications that had arisen during the past several years, including the stream buffer requirements.

Harpeth River Valley: Conservation of Watershed Landscapes

- The Harpeth River Valley is the floodplain and hills north of the City of Franklin that is still undeveloped. The Harpeth River is the northern border and the area encompasses the rural landscape between the West Harpeth and temple Hills and extends south to Liepers Fork. Old Hillsboro Road and the Natchez Trace are the roads running through the Valley. This area was designated a last change landscape by Scenic America in 2001 as part of an effort my landowners and the Heritage Foundation to consider long term protection strategies over 15 years ago. The resurgence of the economy has brought interest to this area because it is the last rural landscape adjacent to downtown Franklin which recently have included a large senior living center proposal by Del Webb on the Rogers Farm on the east side of the West Harpeth within the Franklin UGB. HRWA worked with numerous people who coordinated community efforts to review the proposed 450 home proposal. HRWA provided comments to Franklin's BOMA that noted concern for lack of sewer capacity should all the currently approved development in the city and Del Webb were coming on close together before the City's had an approved sewer plant expansion in place. The Del Webb proposal was an annexation and rezoning proposal. BOMA votes on annexations and voted down the Del Webb proposal.
- Rezoning in Williamson County and Hillsboro Cove subdivision: In early summer, Hillsboro Cove, a 1unit/acre subdivision of 19 lots was proposed on a 47 acre farm on Old Hillsboro Road at Forest Home location at the intersection of Natchez Trace. The landowners in the area were surprised because most understood the zoning in the area to be 1 unit/5 acres. HRWA worked with county commissioners and property owners to review the recently updated Comprehensive Land Use Plan and Zoning Ordinance. HRWA staff was a member of the county's Land Use Plan Update 5 years ago. The review found discrepancies that had enabled the developer, Bob Parks, to consider the proposal. The land use plan designated this region RP-5—Rural Preservation 5 (I unit to 5 acre) in order to help achieve the goal of the plan to preserve the rural character of the area. Subsequently, however, the adopted Zoning ordinance created a different zoning that was not in the Land Use Plan of RP-1 for some of this area which maintained the former 1 unit/1 acre. So some of the area, east of Old Hillsboro Road was 1 unit/acre, and area on the other side of the road was maintained at the RP-5. Expert review also found that the zoning ordinance clearly stated that if there is a discrepancy between both, the zoning ordinance is to follow the plan. HRWA provided comments to the planning commission on their review of Hillsboro Cove both related to zoning issues and floodplain issues.
- Floodplain revisions post May 2010 Flood: HRWA worked with FEMA and the Army Corp of Engineers to provide updated information and status on the large revision to the floodplain that was launched after the May 2010 flood. The Harpeth's entire floodplain was under revision downstream of the I-65 crossing of the river south and upstream of Franklin. This was one of the

first full watershed floodplain reassessments by FEMA in the state. HRWA requested a map from the Army Corp of the 100-yr, 500-yr, and May 2010 flood elevations on the preliminary plat for Hillsboro Cover and provided that to the county for its review. FEMA final new elevations were predicted to be available in the fall of 2013 but were delayed several months. FEMA and the Corp were confident the 100-year floodplain elevation would rise several feet and essentially replace the old 500-year flood elevation. The preliminary plant would not conform with county regulations on several important aspects if it were to use the new FEMA flood elevations that were predicted at the time and subsequently released after the final plat approval.

- Voluntary Property Owner Rezoning: As a result of property owners learning of the inconsistent zoning in the Harpeth River Valley, HRWA worked with county commission leadership in the district and property owners to provide maps and information and collect property owner voluntary rezoning requests. HRWA and the county commissioner were the contact points with the county planning staff for the property owners. This effort became the first voluntary property owner down-zoning in the county and was unanimously supported by the planning commission and county commission. The process was convoluted and took months and resulted in over 50 large properties and all of Two Rivers subdivision to create a contiguous RP-5 for the northern part of the Harpeth River Valley that had been RP-1. There was significant press on all of these aspects of the work on the Harpeth River Valley.
- Repaving the Old Natchez Trace—oldest road in the state: HRWA lent support for the community led effort to encourage the county highway commission to address important road issues with a context sensitive design approach. This became the first such project for the Highway Commission after years of effort. The landowners did not want the road widened and risk losing the historic and scenic character of the important corridor that runs along the Harpeth River and is a popular recreational access area as well that has caused its own problems over the years with lack of access and parking. HRWA lent support to the community effort with the County Highway Commission.

Harpeth River Restoration and Lowhead Dam project:

The last of the grant funds for the signage were paid to the City of Franklin this fiscal year and the signs were finalized by HRWA and City Parks staff and installed this fiscal year. There are two project signs. One focuses on the project and includes logos of all the project partners, a graphic of the project and description of key components. The second sign focuses on wildlife benefits of the project and information on the species (darters, mussels) that directly benefit from the project. The second sign also has a map of the City's planned numerous river access points. See Blueway section below under the Outreach, Education and Recreation Program for details. The Department of Interior Rivers Initiative Bronze Plaque was installed as well by City of Parks staff.

II. River Restoration and Wildlife Protection: \$83,812

A chart of the projects conducted during the fiscal year under the River Restoration program is attached at the end of the report.

- Nashville Waterway Recovery Project: Last year, HRWA and other partners received a grant through the Metropolitan Development and Housing Agency (MDHA) for \$125,000 to clean the remaining 2010 flood debris that was identified in an HRWA-led assessment in 2012. This year, HRWA finished its component of the collaboration and led 13 stream clean-ups in Davidson County. In all, there were over 250 volunteers that removed over 8 tons of trash.
- Fish Habitat and Restoration Initiative: HRWA partnered with the Tennessee Environmental Council (TEC) to create the Fish Habitat and Restoration Initiative (FHRI) with support from the Dan and Margaret Maddox Charitable Fund. This fiscal year, HRWA closed the second year of funding from the Maddox Charitable Fund in November 2013 and began the third year in December 2013. The goal in the third year of the FHRI is to restore fish habitat via 15 stream restoration and education projects, plant at least 6,000 trees, and enhance 1,000 linear feet of streambank to reduce silt. Project types include reforestation along stream banks, bank stabilization techniques, and clean-ups in streams. HRWA has been able to match funds in order to broaden our efforts. During this fiscal year, 13 projects were completed by HRWA which included a 5,000 square foot rain garden and 3,055 trees and live stakes planted with the help of 449 volunteers.
- Brentwood YMCA Rain Garden: HRWA installed a 4,000 square foot rain garden at the Brentwood YMCA on Concord Road, one of the largest rain gardens in the area. The rain garden project was a collaboration between HRWA and many partners, most notably The City of Brentwood's Engineering Department and with support as part of the Fish Habitat Restoration Initiative. A group of nearly 25 employees from Gobbell Hays Partners volunteered to help build the river channels and plant over 320 native shrubs and wildflowers from local provider Nashville Natives. The Compost Company's Ed Wansing provided topsoil and mulch. The rain garden is designed to slow the velocity of flow from the storm pipes coming from the parking and absorb the rain water before it enters the Little Harpeth River.
- Stream restoration in Brentwood: Each year HRWA has a \$4995 contract with Brentwood city parks to conduct streambank restoration around the parks system. For Brentwood's 2013-14 fiscal year, HRWA coordinated with students from Battleground Academy to plant trees and livestakes in various locations along the greenway and installed "no-mow" signs to ensure mowing crews did not harm the trees. In addition, we installed the interpretive sign for the rain garden and planned a maintenance day to address the issues that the spring rains caused in the rain garden. The interpretative signage was funded by the Dan and Margaret Maddox Charitable Fund through their support of the Fish Habitat Restoration Initiative.
- TDA 319 Nonpoint Source Grant in Headwaters of the Harpeth, Eagleville: During this fiscal year, HRWA continued to work on the TN Dept. of Agriculture grant to address water quality issues in the headwaters of the Harpeth River. HRWA worked closely with NRCS to design and implement agricultural BMPs that included livestock exclusion fencing, alternative watering sources and streambank stabilization on two adjacent farms that have a small, unnamed tributary to the Harpeth River flowing through them. On the farm of Tyrone Ridley, HRWA staff worked with Ridley's workers to plant live stakes in the banks of the creek for the purpose of bank stabilization. The BMP practices on Ridley's farm were planned before the end of the fiscal year.

and installed shortly after. The other landowner's project was still in negotiation at the time of the end of the fiscal year.

- Ensworth High School and Stormwater management Plan Implementation: HRWA staff completed four Service Learning Work Day events with Ensworth students as part of the implementation of their stormwater management plan (SWMP). Nearly 50 students participated in one invasive plant removal, one clean-up, and two tree plantings. The last planned event, an invasive plant removal, will conclude HRWA's contract with Ensworth for the SWMP.
- TN Wildlife Resources Agency (TWRA), \$500 stream restoration grant: TWRA provided a small grant to HRWA for \$500 for restoration supplies, including additional shovels, waders, rubber mallets, trees, etc. These funds will be spent in the following year to help HRWA stretch additional grant monies further to produce greater environmental improvements in the region.
- City of Franklin, TDOT Litter Grant: HRWA is a partner in the City of Franklin's TDOT Litter Grant awarded early in 2013. HRWA was invited by City staff to prepare a component of the awarded grant that focuses on removing the large metal legacy debris in the river in downtown Franklin and conduct two clean-ups. \$23,500 of the \$55,000 grant is to cover this component of the grant. In January, the City decided to put on hold the work on this component of the grant which is to be completed by 2016. HRWA staff in the fall had completed a field reconnaissance assessment of the location of large debris in the stretch of the Harpeth that flows through downtown Franklin. The City has not yet reimbursed HRWA for that work which is part of the \$4700 of potential bad debt reported in the audit. The other portion is from HRWA's work with the City on the Harlinsdale Park Canoe Access described below in section III.

III. Outreach, Education & Recreation: \$33,525

- Harpeth River State Specialty License Plate: HRWA has until July 2015 to complete our license plate program. 278 have been sold by the end of the fiscal year. A more active outreach and marketing plan was developed going in to the new year that included tabling events at retail stores and community events. In addition, HRWA staff are pursuing other strategies to fund the license plates. NOTE: Funds are restricted and reported on the 990 in Part X (Balance Sheet) on line 19 for deferred income.

Community Outreach and Education:

- HRWA had a booth set up for Earth Day in Centennial Park in Nashville and gave away trees.
- HRWA organized a Casting Clinic at Pinkerton Park. Jane Polansky from TN State Parks and Pandy English from TWRA were present.
- HRWA staff ran water quality and river ecology modules for several summer camps as staff and funding support allowed.
- Support for the Barbara J. Mapp Foundation has enabled HRWA to expand our outreach, education, and awareness of the unique biodiversity of the Harpeth River watershed. Many different activities have been planned for the following year that will expand on what HRWA currently offers in the way of wildlife and biodiversity education.

- HRWA brought on a VISTA volunteer for one year in July 2012 and her employment ended this year. She was responsible for educating residents about drug takeback days, putting together a campaign to stop people from flushing drugs down toilets, setting up education and fun days for residents throughout the watershed, work with schools on as-needed basis to do quick and informative education units with students, and start a wildlife education and information campaign to educate residents about the natural wonders that can be found in the Harpeth River.
- One four-color newsletter was produced in Summer of 2013.
- HRWA's website, HarpethRiver.org, continues to be updated and enhanced to provide current and historical information about all aspects of the watershed: policy, volunteer activities, fundraising. Integration with the email system and credit card processing have improved the efficiency for the organization and made a more seamless user experience for site visitors.
- HRWA created four Factsheets on the sewer issues on the Harpeth which includes a map. The web site was updated to incorporate this material.

Harpeth River Blueway—new accesses and master plan for the City of Franklin area

- The City of Franklin was awarded a grant from TDEC's RTP program for its Harlinsdale park which included HRWA as a partner to design and build a canoe access. HRWA prepared that section of the grant at the invitation of the City Parks department over a year ago when the grant was submitted. Under this grant, HRWA worked with City Park's Assistant Director to lead a multi-departmental group to create a city master plan for river canoe accesses. A series of 11 access points were identified that built on the work that was done and incorporated into the City's Parks master Plan from several years ago. The access points include those to be built by developers who are partners in the effort, the city and the county. The plan included the city's emergency response team determining names for each, incorporating each onto the city's GIS, and establishing river mile markers. HRWA helped coordinate with the state Blueways committee to build consistency with mile markers and emergency response. A final map prepared by the City was incorporated into one of the Lowhead Dam Restoration Project signs. HRWA met on site with the architectural engineer for two Goodall Home subdivisions on the Harpeth to give input on river access design. The Rizer Point access was completed in the summer of 2014 and the Water's Edge one (upstream near the new Carrothers Parkway river Crossing) is planned.
- Timber Stairs at Eastern Flank Canoe Access (Lowhead Dam Removal project site): HRWA was asked by the City parks department to be the project coordinator for the design and construction of the timber stairs at the site. Now that the Lowhead Dam Removal project is completed, the City Parks department is now managing the area as part of the Eastern Flank Battlefield Park. HRWA secured funding from LP for \$5000 to match City park funds of \$5000. This covered material costs and design and construction management. No cost by HRWA to manage the project was covered. HRWA worked with partner TN Scenic Rivers Association through the Access Committee to pay for two expert design and construction management people. HRWA and TSRA coordinated volunteers for a weekend construction project in the fall

and city staff provided critical equipment and staff help as well. Much of the volunteer labor was from the staff team at Turner Construction. The project was completed in October. HRWA staff coordinated and prepared all permitting at the federal, state and local level.

- Harlinsdale Park Canoe Access: HWRA and partner TSRA worked with City parks staff to scout and locate a new access point as part of the Harlinsdale Park master plan. HRWA worked with TSRA to design the timber stairs and HRWA secured all of the relevant permits in the winter for the City's final grant paperwork. In January, the City Administrator sent an email to HRWA saying it would no longer work with HRWA on this grant. HRWA provided an invoice of costs incurred (\$3700) which has not been reimbursed. This is part of the \$4700 potential bad debt from the City referenced in the audit. HRWA's total grant component was \$21,000 to cover all work and materials for the access component of the TDEC grant. The City Parks department was disappointed in the decision to remove HRWA, and had to take on the work of construction without the important added benefit of volunteer help that HRWA and TSRA would have provided.
- New Accesses in Northern Williamson County/Old Natchez trace Area: An outgrowth of HRWA's efforts with protecting the Harpeth River Valley, several landowners expressed interest in helping establish official canoe access points in this highly used area of the Harpeth. The Franklin based outfitters use this section in the summer because there is enough flow. Also there is much less metal and other debris in the river than in the downtown Franklin area. There continues to be problems during the summer with access to the river along the Natchez Trace where there is no official access, no parking, rope swings and lots of teenage summer use. HWRA has identified property owners that are interested in transferring property to the county in several locations to create canoe access points between the Old Hillsboro Road bridge crossing to Moran Road bridge.

Media Coverage

- This is not an exhaustive list. The River Swing and Tasting Party—extensive press coverage in social press: NFOCUS, Williamson AM, SOCIAL, Your Williamson, and so forth. Print and television coverage of Denna Davis's art project to create an 8'x 24' Harpeth River painting in a tent behind Gallery 202 in Franklin. South Cheatham and Dickson print coverage of the HRWA-sponsored drug take back program. Print and television coverage was extensive on HRWA's work on sewer issues. Local stories covered the award of the TDOT litter grant with the focus on removing the unsightly metal debris still in the river in downtown Franklin near to old dump. Brentwood press coverage of 4000 square foot rain garden installed by HRWA at Brentwood YMCA. Print coverage of the various efforts in the Harpeth River Valley included coverage of the voluntary down-zoning by property owners, work on the context sensitive design to repave the Old Natchez Trace, the Del Webb proposal, the Hillsboro Cove proposal, and the FEMA floodplain revisions.

IV. Fundraising, Membership and Events: \$36,904

River Swing: On October 5, 2013, approximately 450 guests attended our annual fundraising event held at the beautiful Harpeth Westover Farm, on the banks of the Harpeth River. With a

night of festivities that included a silent auction, dinner and dance, River Swing 2013 raised a record \$125,000. The event received extensive media coverage in regional social magazines and in the society sections of the Tennessean and other local newspapers. Significant efficiencies were realized this year through the use of an integrated online ticket sales system which greatly reduced the staff and volunteer time needed to process both pre-event ticket sales and auction payments that night.

- Harpeth Protection Society & River Swing Tasting Event: On August 13, Galley 202 in Franklin hosted a Tasting Party for all River Swing Committee Volunteers, Corporate Sponsors, Table Hosts and members of our Harpeth Protection Society (donors that contribute \$1000 or more). This event was a lead up to the River Swing and this year it was also the unveiling of *Paint the Harpeth*, an 8' x 24' painting created by local artist Dennas Davis. Whole Foods Market in Franklin, The Bottle Shop at McEwen, and Little Harpeth Brewing LLC were presenting sponsors and the event was covered extensively by social media.
- Paint the Harpeth – In early August at Gallery 202 in historic downtown Franklin, artist Dennas Davis spent an entire week publicly painting a 24' x 8' Harpeth River scene. *Paint the Harpeth* was a community awareness project, by Davis, in support of the Harpeth River Watershed Association mission of protecting the state scenic Harpeth River and clean water in Tennessee. Upon completion, the life-size painting became the central décor at River Swing 2013. The enormous work was next exhibited in Franklin City Hall through the winter months and is likely headed to Whole Foods Market – Franklin. The local media provided excellent print and broadcast coverage of the project, thus accomplishing the goal of creating awareness.
- Wine & Conversations – Several neighborhood style gatherings were held in FY13 to create opportunity for direct conversation between HRWA staff and established and prospect major donors. These events were held in private homes and were attended by 30 – 50 guests each. The more intimate and relaxed setting has helped cultivate new and reaffirm existing support in areas along the river where there is much interest.
- The Membership program expanded its efforts through increased outreach activities and strategic electronic and physical mailing efforts. As a result, the funds raised from individuals grew by 29% and the number of donors increased by 37%, when compared with the same period a year ago. Better communicating the organization's priorities and making the giving process easier through online and installment options has been a big part of this success.
- During FY13, HRWA completed the integration of the donor management system with both the QuickBooks and the email communication system. As a result, donor/member communications are more personalized and more consistent. Increased social media efforts combined with an expanded online giving platform are in the works for 2014.

V. Administration, Finance, Governance, Organizational Planning:

\$16,981

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

- Board member recruitment remains a focus of the board in this fiscal year with the board having an active membership size of 7 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.
- During the year, the organization increased the level of cash on hand and ended with a large net increase. This was intentional to begin implementing a new staff plan which included a new development director, eliminating the Associate Director position, and adding a senior level scientific/engineering expert at the Director level in the next fiscal year if new funds are secured. Cash reserves were kept to \$72,000.
- There have been several staff shifts in 2013-14. In July 2013, Lisa Friedman replaced Jessica Graham as Finance and Development Coordinator. In September, the Associate Director position was eliminated as part of a larger senior staff/program director plan roll-out. In November Michelle Barbero Restoration and Watershed Science Program Manager, took a new position in a Nashville based environmental consulting firm; Cooper Breeden started as Watershed Coordinator in January. In September a Watershed Fellow position was created filled by Sara Simpson. The VISTA volunteer completed her one year commitment in the summer; a new VISTA volunteer could not be recruited in the program during the fall because of federal program. The part-time Restoration Coordinator Anneli TerryNelson took a position with Metro storm water program in the fall.
- Technology Upgrades: Upgrades to hardware and software for all machines allowed smoother and more productive work flow.



HARPETH RIVER WATERSHED ASSOCIATION

2013-2014 Annual Report project list

Date	Project Name	Project Type	Volunteers or group	Location Type	Funding	# of Volunteers	Hrs of Project	Volunteer Hrs	Tons of Debris Removed	# of Trees Planted
4/6/13	Vandy Service Day	Tree potting	Vanderbilt students		Maddox	9	2			400
4/10/13	W. Valley Dr 1	Cleanup	Lipscomb students	Davidson	MDHA	13	2	26	1.46	
4/18/13	Ensworth I	Invasive Plant Removal	Ensworth	Davidson	Ensworth, Maddox	13	3	39		
4/18/13	Ensworth II	Cleanup	Ensworth	Davidson	MDHA	6	1.5	9	0.25	
5/6/13	Old Hickory Blvd	Cleanup	Poplar Grove MS Green Team	Davidson	MDHA	6	3	18	0.085	
5/24/13	Trinity Lane 1	Cleanup	YAVs	Davidson	MDHA	4	3	12	0.045	
6/15/13	Trinity Lane 2	Cleanup	Young Adults of Metro LDS Churches AND Whole	Davidson	MDHA	32	4	128	1.5	

The Harpeth River Watershed Association is a 501(c)(3) tax exempt, non-profit organization. All donations are tax deductible.
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			Foods of Franklin							
6/17/13	W. Valley Dr. 2	Cleanup	Wyman I	Davidson	MDHA	33	4	132	1.25	
6/29/13	Trinity Lane 3	Cleanup	Wyman II	Davidson	MDHA	27	3	81		
7/15/13	Trinity Lane 4	Cleanup	Wyman III	Davidson	MDHA	38	3	114		
7/20/13	Trinity Lane 5	Cleanup	Open Call	Davidson	MDHA					
8/15/13	Donald St.	Cleanup	Lipscomb students	Davidson	MDHA	28	3	84	0.175	
8/17/13	Trinity Lane 6	Cleanup	Open Call	Davidson	MDHA	18	3	54	0.42	
8/23/13	Trinity Lane 7	Cleanup	AmeriCorps	Davidson	MDHA	9	5	54	0.265	
8/26/13	Chainsaw day	Logjam	AmeriCorps	Davidson	MDHA/ AmeriCorps					
9/20/13	YMCA Rain Garden	Rain Garden	Gobbell Hays Partners	Williamson	Brentwood, Maddox	25	4	100		330
10/16/13	YMCA Rain Garden	Rain Garden	Ravenwood High School Seniors	Williamson	Brentwood, Maddox	20	2.5	50		
12/13/13	Ensworth Tree Planting Type A	Tree Planting	Ensworth Students and Staff	Davidson	Ensworth	21	2	42		70
1/25/14	Bellevue Greenway Alex Jolly Project	Tree Planting	Eagle Scout group & associated with Alex	Davidson	Maddox	26	2.5	65		45

2/22/14	Ensworth Whip Planting	Tree Planting	Ensworth students & teachers	Davidson	Ensworth	7	2	14		180
3/1/14	Philip McDonald Project & 10K Tree Day	Tree Planting	Open Call & Turner Construction group	Williamson	Maddox	20	3	60		200
3/6/14	Fifty Forward	Tree Planting	BGA students & teachers	Davidson	Maddox	26	3	78		150
3/6/14	River Park Project	Tree Planting	BGA students & teachers	Davidson	Brentwood	26	3	78		150
3/9/14	Bellevue Greenway Project II	Tree Planting	Open Call & Congregation Micah group	Davidson	Maddox	13	3.5	45.5		130
3/14/14	Chestnut Bend subdivision greenway	Tree Planting	Volunteer solicited	Williamson	Maddox	3	1	3		20
3/15/14	Burns Park Whip Planting	Tree Planting	Open Call	Williamson	Maddox	20	2.5	50		400
3/25/14	Ridley Live Staking	Tree Planting	Open Call	Rutherford	TN Dept of Ag	3	2	6		300
3/28/14	5K Tree Day	Tree Planting	Open Call	Williamson	Maddox	3	2.5	7.5		250
Totals	28 projects					449 volunteers	76 hours	1,350 volunteer hours	5.45 tons	2625 trees