

Pathway to Water Quality for 2014

General Volunteer Information

[Pathway to Water Quality](#) is a model watershed located in the Northeast section of the Indiana State Fairgrounds, modeling the path water travels through different land uses. What started as a parking lot in 1993 has grown up to be a lush, shaded serene retreat on the Fairgrounds, where young and old alike can learn how our actions impact soil and water quality on a daily basis. It is the premier showcase exhibit for the [Indiana Conservation Partnership](#) (ICP).



Questions about Pathway to Water Quality?

- Contact either DeeDee Sigler, 317-431-6098, pathwaytowaterquality@gmail.com.

Pathway to Water Quality: Where Does Your Water Shed?

- **Pathway is a watershed**, showing that land ‘sheds’ water, or drains, to a common place. Visitors can “**Walk the Path the Water Walks.**”
- **Water is affected differently by different uses, for example rural and urban land use.** Visitors can tour different land-uses at Pathway that are present in a watershed, including urban, agriculture and forests.
- **There are ways to keep the water clean and safe.** Pathway shows how we use the land and care for our natural resources.



As a volunteer at Pathway during the Indiana State Fair, you are an important face for the Indiana Conservation Partnership to people who visit **Pathway to Water Quality**. Please be friendly, relate the messages of the exhibit and engage visitors in conversations.

You will find additional information on the **Pathway to Water Quality** at the project Website: <http://www.pathwaytowaterquality.org>. This includes the **new brochure on PWQ** that will be available at the exhibit.

Video introduction to Pathway

There is a [short video](#) (3:23 minutes) to acquaint you with the PWQ exhibit. It will be helpful for those of you who have not volunteered before, or who have not been to the exhibit for a few years. **Pathway** changes every year so walk through and see get acquainted with PWQ at the Indiana State Fair! The video is located on PWQ’s home page at www.pathwaytowaterquality.org.

Volunteer Positions

The following positions are available for volunteers. Please sign up by **Wednesday, July 16**, in order to insure you receive your State Fair admission ticket and letter by fair time.

New this year – Waiver of Liability

The Indiana State Fair is now requiring anyone who works or volunteers at the exhibit to sign a waiver of liability. When you arrive at your shift you will be asked to sign your form. Just one form is needed regardless of how many shifts you work.

Greeter Area Volunteer

This position is critical to drawing visitors to **Pathway** during the fair. The *Greeter* is positioned at the entrance to Pathway. People who sign up for this position should be friendly, outgoing individuals who really enjoy talking with others and inviting them into the exhibit.

Greeters have four primary responsibilities:

1. Promote any demonstrations that are taking place at PWQ throughout the day (we'll provide you with a schedule: see pages 12-13) and encourage children to visit the interactive education area when it is open and staffed.
2. Encourage visitors to participate in the [*Indiana Family of Farmers \(IFoF\) Recipe Trail*](#) – recipes and maps will be located in a stand in front of the water history cabin. See page 9.
3. Ask visitors as they are leaving Pathway to play the “*Wheel of Conservation.*” They spin the wheel and answer a question about soil and water conservation. Right or wrong, they will get a small prize (PWQ bookmark). Other larger prizes that you can distribute at your discretion include ***Dig Deeper: Mysteries in the Soil*** bags donated by county Soil and Water Conservation Districts, a rain gauge donated by American Indiana Water, and PWQ water bottles donated by the Indiana State Fairgrounds.
4. Be helpful with any other State Fair information.



[Review the PWQ website](#) so you can promote the other areas of the exhibit to people as they come into Pathway.

The *Greeter* position also includes:

- Pass out the PWQ brochure (includes a map of the exhibit) and any other literature available. Direct visitors to different areas of PWQ.
- Greet fairgoers on the Indiana State Fair shuttle buses as they stop (and drive by).
- Refers fairgoers to the Indiana State Fair Information Booth (down towards the restroom) when you can't answer a question.
- Provides directions to the nearest restrooms (green barn to the right of PWQ as you look out the front entrance)!

Home Area Volunteer

Volunteers in this area will talk to visitors about practices that can be done around the home to protect water quality. Some of these practices include utilizing native vegetation, water conservation, phosphorus-free fertilizer, a pervious concrete driveway at the model home, rain gardens and rain barrels. Several practices will have handouts that are available in the clear boxes located on the gazebo posts. Extra copies are in the cabin. If supplies of any handouts are running low, please let the day coordinator know.



- **Raised Bed Garden:** 4 x4-foot raised-bed vegetable garden with cover crops that shows how a small garden can be incorporated into a living space. See information on raised bed/container gardening: <http://www.extension.purdue.edu/new/ho-200.pdf>. Information on gardens & cover crops can be found at: http://www.busseron.org/Resources/Newsletters/MiniNewsLetter_812x11_HomeGarden.pdf.
- **Rock waterfall:** Visitors should be aware that soil is covered by these rocks, protecting it from water erosion. Water running over rocks tends to cleanse itself as impurities bubble out. Also, the sound of running water attracts wildlife.
- **Pervious concrete:** <http://www.irmca.com/content/pervious-concrete-concrete-drinks>. Pervious concrete contains openings that allow rain water to soak through into the soil below. This helps replenish groundwater supplies, making more water available for humans, animals and plants. Standard concrete, asphalt and other nonporous paving materials divert rainwater into ditches and waterways keeping it from soaking into the ground. Increased water runoff also produces more soil erosion.

The pervious concrete up front was replaced in 2012 including the PWQ logo at the entrance to Pathway. The pervious concrete under the fountain demonstration pad also was redone in 2012. We will add additional pervious concrete to the path after the State Fair, thanks to a grant from the *Upper White River Watershed Association*. Our contractor is C2 Products, Arcadia.

- **Model home:** This model home demonstrates some conservation activities available to Hoosier homeowners. The home makes good use of trees. Summer shade lowers energy needed to cool the home. Trees growing on the west side form a wind break, helping to keep the home warmer in winter. The yard is well covered in grass. This holds soil in place and allows rainwater to slow down as it runs off, allowing more to soak into the ground. Fertilizers used on the yard are phosphorus-free and contain only the needed amounts of nitrogen and potassium. This lowers the amount of fertilizer running off into waterways during heavy rains, thereby decreasing algae blooms in lakes and streams.
- Wildlife benefit from the bird feeders scattered throughout the yard. Small birds will enjoy a meal and may become a meal themselves for predators and birds of prey. Bird feeders are a good place to watch, and explain the need for “the circle of life.”

- **Native plants areas:** <http://www.indianawildlife.org/>. Native plants and flowers growing around and behind the home provide natural food and shelter for wildlife. Their growth patterns and nutritional content fill the needs of native wildlife. Non-native plants produce attractive blooms and green leaves, but do not provide the nutrients needed by Indiana's wild creatures.
 - Native plants also keep soil in place. Their long roots hold securely throughout the seasons and in periods of flood and drought. Many non-natives aren't as deeply rooted. Native plants also grow in a symbiotic relationship, meaning they keep each other in check, ensuring that each species will be available when needed. Non-natives can become invasive, overcrowding native plants. Some crowd out all natives and leave the soil below them bare and exposed to erosion.
 - Natives are attractive additions to the yard. The flowering plants add color at varying times of the season, and grasses form edging, dividers and barriers.
- Rain barrels, rain gardens and compost bin: <http://icp.iaswcd.org/?p=499>
Rain barrels and rain gardens are used to conserve water. The barrels, located at the corners of the home, gather water running off the home's roof. This water can be used to water plants, wash cars or fill any other outside need. This lessens the municipal water used by the homeowner, lowering the demand on the utility. It also lowers the homeowner's water bill.
- **Rain gardens** are small, plant-filled depressions in the yard. They collect rainwater and hold it for a few days, allowing it to soak into the ground. This replenishes groundwater supplies and lessens erosion from runoff. The plants are water-loving; they store water in their leaves and stalks, releasing it as needed by the plant and the surrounding soil. This lowers the homeowner's need to water.
- **Compost bin:** The compost bin provides the homeowner with a way to send less trash to the landfill. Vegetation from the home and yard, food scraps, leaves, coffee grounds and many other organic materials can be composted. By mixing and decomposing, these materials will be turned into fertilizer and humus for use in the garden, flower beds and around trees. No need to buy fertilizer when you can compost.

Please do not allow children to play in the stream or the home area!

Ag / Forestry Area Volunteer

Volunteers in this area will be talking to visitors about conservation practices in agriculture and forestry, as well as technical assistance that the Indiana Conservation Partnership provides to private land owners.

Volunteers are encouraged to engage people in conversation in an effort to

educate them about conservation and the work of the Indiana Conservation Partnership. Emphasis is on:



- **Soil health** with cover crop displays in the ag / forestry area and around the flag pole (courtesy of the Conservation Cropping Systems Initiative).
 - Soil health: http://www.in.nrcs.usda.gov/technical/Soil%20Health/soil_health.html
 - Conservation Cropping Systems Initiative (CCSI): <http://ccsin.iaswcd.org/>
 - We will have live soil health and invasive demonstrations on the bridge on busy days of the fair (see pages 12-13).
- **Agriculture and/or forestry** (some BMPs at Pathway include: cover crops, waterways, terrace, buffer strips, no-till, grass filter strips, forests stand improvement).
- **Rain Simulator:** A rain simulator will be stationed at the front corner of PWQ (before the entrance to the Pony Rides). The purpose of this display is to illustrate how rain can erode our precious top soil under different circumstances and ground cover conditions or lack thereof. The link to sign up to do demonstrations with the rain simulator is: <https://www.formstack.com/forms/?1751874-qxYHi0rVHi>. The simulator illustrates the difference between soil in conventionally tilled fields and fields where conservation practices are used and what happens during a rain event. It also shows how water infiltrates the soil to re-charge the ground water and storm water run-off that carries pollutants into our streams and ponds.
- Knowledge of **Conservation Implementation Teams (CITs)**: Eight CITs (2 in each area) serve multiple counties providing engineering design, on-site layout and practice implementation. Teams are made up of engineers, soil conservationists, civil engineer technicians, SWCD staff and ICP personnel working together to put more practices on the land and deliver effective and efficient conservation. Tech teams are located in Rensselaer, Lebanon, Huntington, Albion, Greensburg, Salem, Greencastle, and Princeton.
- A **two-stage ditch design** that includes a floodplain bench to reduce flooding and filter nutrients (sponsored by The Nature Conservancy of Indiana). The concept is simple. The design incorporates a floodplain zone, called benches, into the ditch by removing the ditch banks roughly 2-3 feet above the bottom for a width of about 10 feet on each side. This allows the water to have more area to spread out on and decreases the velocity - or energy - of the water.
<http://www.nature.org/ourinitiatives/regions/northamerica/unitedstates/indiana/howwework/two-stage-ditches.xml>



- **Woodlands area** shows how good timber management makes woodlands productive, provides wildlife habitat and protects water and soil quality. <http://www.inwoodlands.org/>
- **Water History Cabin's Well Pump:** enjoy a cup of cool, clear water over by the Water History Cabin. Live interpreters will be headquartered at the cabin on weekends and other special days to help bring the soil and water conservation message alive to the public.
- **Please direct people on back to the soils area.**

Soils Area Volunteer

Volunteers in this area will talk with visitors about soil characteristics and how soil quality affects the quality of water. Volunteers should have knowledge of:



- Basic soil properties, such as color, texture, structure, soil organic matter and bulk density, and how these properties influence surface runoff and water movement in soils.
- The valuable role soil organisms play in the quality of our soil and keeping it healthy.
- The soil survey information and how to access it.
 - **The Web Soil Survey** <http://websoilsurvey.nrcs.usda.gov/app/> (WSS) provides soil data and information produced by the National Cooperative Soil Survey (NCSS). It is operated by the USDA NRCS and provides access to the largest natural resource information system in the world. NRCS has soil maps and data available online for more than 95 percent of the nation's counties.
 - **Indiana Soils Program (NRCS)** <http://www.in.nrcs.usda.gov/mlra11/soils.html> **Helping People Understand Soils!**
 - **Published Soil Surveys for Indiana:**
<http://www.nrcs.usda.gov/wps/portal/nrcs/surveylist/soils/survey/state/?stateId=IN>
 - This site provides an archive of past and present Soil Survey Publications.
- Soil Health: <http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/soils/health/>. Improving soil health is key to long-term, sustainable agricultural production.
- Soil Web App <http://casoilresource.lawr.ucdavis.edu/soilweb/>: an online soil survey browser used to access USDA-NRCS detailed soil survey data for most of the United States on all types of devices (desktops, smartphones, and tablets). Soils area volunteers are encouraged to download the Soil Web App to demo to fair goers.

- Soils 101: *Soils 101* is a compilation of 15 videos featuring South Carolina NRCS Soil Scientists. The videos include topics such as, Soil Physical Properties, Soil Biology, Soils for Conservationists, Soil Survey, and Soils for Homeowners. The videos were designed to help educate and to benefit anyone with an interest in soils. <http://vimeo.com/channels/soils101/videos>.
- Soils area volunteers should be able to explain the significance of having an official state soil (see <http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/edu/?cid=stelprdb1236841>). Miami is Indiana's official state soil.

Grazing / Pasture Management Area Volunteer

<http://www.nrcs.usda.gov/wps/portal/nrcs/main/in/technical/landuse/pasture/>

Volunteers in this area will engage participants in discussions on why well managed pastures can improve animal health and performance, increase profitability and enhance wildlife habitat while protecting water quality.



- **Back this year:** There will be live animals grazing in this area on the weekends. Look for small sheep on Saturdays and Sundays!
- Stress the importance of maintaining minimum grazing heights and be able to show how this relates to plant growth, animal performance and water quality.
- Be prepared to talk about the impact of grazing livestock around water bodies and creeks. Discussion topics include why it is important to restrict livestock access time and why it is important to provide adequate crossings and access points to reduce sedimentation disturbances that impact water quality.
- The pasture is not mown to simulate a grazed pasture and regrowth.
- The creek is fenced separately, but with access. This is so it can be “flash” grazed to help maintain it but greatly reduce negative impact on it.

Education Area Volunteer

Volunteers in this area will engage participants in water quality and conservation activities.

Throughout the 17 days of the fair the Education Area will have a main hands-on theme activity of *Dig Deeper: Mysteries in the Soil*. Check out the National Association of Conservation District's website that is located online

at <http://www.nacdnet.org/education/resources/digdeeper> for more information. There are more informative links to educator guides and other materials as you scroll down the page.



Education Area Activities

Examples of Education Area activities are listed below...as you sign up to work the area; a detailed guide for your shift will be emailed to you from Cindy Newkirk, Hancock County SWCD.

- We have the *Pathway Seek and Find Activity* that will be going on the entire 17 days. This will be items related to water and the watershed that are somewhat hidden in the Education Area; some more hidden than others. Participants will be given a laminated *Seek and Find Card* and a dry erase marker. You can discuss or ask questions to the participants on the role that soil, plants, animals, farms and ranches play in our watersheds. (A cheat sheet will be provided on the location of the items, it is up to you if you want to find them first or peek at the cheat sheet.)
- There will be *Soil Conservation Educational Posters* in the eight display cases in the Education Area. You can point these out to the participants and discuss, etc. You can quiz the people to go find an answer.
- We will have two large pieces of plywood painted with chalkboard paint – utilize one or two at a time; monitor what is being drawn. Have the participants use the chalk to draw a “*Soil Mural*” interacting with them on what water quality and soil health means to them/how to protect it, etc. If all are full with design – just wash one of them off and start over..
- Large Watershed Board Games – using the larger dice, ducks to play the game. Roll the dice, land on the spot, answer the watershed question as you make your way around the watershed.
- Story Time at the Fair – a selection of *Dig Deeper*, *Watershed*, *Soil to Spoon*, and *Water Quality* literature will be available for you as a volunteer to read to the participants in the Education Area during your shift, if you are interested.
- We have Aldo Leopold Benches for parents to sit a spell while their children explore our Pathway to Water Quality Education Area.
- Interactive Soil Display.
- *Dig Deeper: Mysteries in the Soil* handouts activity booklets.



2014 Indiana Family of Farmers Recipe Trail & Pathway to Water Quality – Helps Feed the Hungry

This is the fifth year that Indiana State Fair attendees will be invited to follow the [*Indiana's Family of Farmers \(IFoF\) Recipe Trail*](#). Fairgoers are encouraged to collect recipe cards from all Recipe Trail locations around the fairgrounds, bring them to the final destination — the **Indiana Family of Farmers Booth at the DuPont Food Pavilion** and win a complimentary Indiana's Family of Farmers give-away for completing the trail. More importantly, those who complete the trail and fill out a card at the DuPont Food Pavilion will have a pound of

food donated to Feeding Indiana's Hungry (FIH) on their behalf. A total of 3,000 pounds of food was donated last year during the trail. The goal is at least 3,500 pounds of food for 2014. They may also put their name in to win the grand prize: a freezer. In 2013, over 3,000 participants took part in the trail at the Indiana State Fair. Please check the map for recipe locations.

Partner with Habitat for Humanity

Another feature of the Recipe Trail is the *Habitat Build on the State Fairgrounds*, a stop for the recipe trail this year. Indiana Family of Farmers will donate a freezer and meat to fill the freezer for the new homeowners! Many thanks to the farmers around the state who grow our food and who generously give back!

Pathway's Featured Farmer on the Recipe Trail - A Farming Tradition

Pathway's featured farm family for our Recipe Trail stop is the Shuter Family. Tradition runs deep in the Shuter family. *Mike and Susan Shuter* own and operate **Shuter Sunset Farms, Inc.**, a fourth generation family farm located in Madison County. In addition to corn and soybean production on their farm, the Shuters, are well known as successful cattle breeders, with many national and international awards to their credit. They raise Red Poll and Red Angus cattle for freezer beef and they also have a hog operation.

As a child Mike was busy on the farm. He was involved in FFA and 4-H where he showed cattle, sheep and hogs at the Indiana State Fair. He has many fond memories of shows in the Old Coliseum. After receiving a BS in Ag Economics at Purdue in 1973, Mike returned to the farm where he focused his time on managing and developing the conservation cropping practices while his Dad focused on the cattle.

Utilizing some of the most innovative practices as they come available, the Shuters have been improving their efficiency in crop production for over 40 years. Mike has no-tilled for 30 years, strip-tilled for 10 years and has been using variable rate technology as long as it has been available. For the last six years Shuter Sunset Farms has been researching cover crops to improve soil health. In 2010 they developed a high clearance seeding machine to plant cover crops in standing corn and soybeans to get these crops off to a faster, earlier start.

In 2013, Mike was selected as one of the Conservation Cropping System Initiative's 12 farmers who assist with on-farm research and education of farmers about conservation cropping systems. Shuter also is a past president of the Indiana Corn Marketing Council.

Mike and Susan have two boys, Brian and Patrick who have followed in the family tradition. The boys were very involved in FFA and 4-H while growing up and after attending Purdue University, both are back home helping with the operation.

Recipe: BLACK BEAN SALSA (a Shuter family favorite!)

3- 8 oz. cream cheese, softened
15 oz. can black beans, drained and rinsed
¾ c. salsa
11 oz. can whole kernel corn, drained
¾ c. mayonnaise
1 bunch green onions, chopped
1 pkg. dry taco seasoning mix

Mix cream cheese, salsa, mayonnaise, and taco seasoning with electric mixer until well blended. With spoon, stir in beans, corn, and green onions. Refrigerate overnight. Serve with taco chips (Scoops work well).

Our Sponsors: The Indiana Conservation Partnership

These are your **Pathway to Water Quality** *sponsoring partners* (<http://icp.iaswcd.org/>) who are committed to water quality and soil and water conservation in Indiana:



- Indiana Association of Soil and Water Conservation Districts and the 92 county SWCDs
- Indiana Department of Environmental Management
- Indiana Department of Natural Resources
- Indiana State Department of Agriculture Division of Soil Conservation
- Purdue University Cooperative Extension Service
- State Soil Conservation Board
- USDA Farm Service Agency
- USDA Natural Resources Conservation Service

How Do You Sign Up for Shifts?

Go to <http://pwq.iaswcd.org> to sign up for a shift/s at the Pathway to Water Quality.

- **Remember:** Those who volunteer to work a weekend shift (Saturday or Sunday) will receive two (2) admission tickets to the fair.
- You are responsible for the shift/shifts you sign up for. If there is an emergency on your day, it is **your responsibility** to find a substitute to work your shift, so have someone in mind beforehand who is willing and able to fill in for you at the last minute (someone from your agency or organization).
- If you need to change a shift, simply go back to the online sign up and make the change. All volunteers who sign up by Wednesday, July 16, will receive a complimentary admission ticket to the fair. After that date, we cannot guarantee that the ticket will arrive in time. We will do our best to see that you receive your State Fair ticket (most will go out through inter-department/agency mail).

- When you arrive for your shift, check in with the Day Coordinator at the water history cabin located back by the pasture/grazing area near the water pump. He/she will give you a PWQ badge and lanyard to wear that says “Ask me about Pathway to Water Quality.” This person is your point of contact during your shift. If you need to leave Pathway during your shift, please let the Day Coordinator know. You will be given his or her cell phone number so you can send a quick text if that is more convenient.
- The water history cabin is air conditioned and is for PWQ volunteers only (it is not open to the public). This is a good place to store any personal belongings you might bring with you (it is not locked, however we usually have several volunteers nearby). There is a refrigerator you can use. Stay hydrated! We have the best water available at the state fair – so bring your water bottle. We will not provide shirts (as in year’s past). Also remember; wear comfortable shoes, sunscreen, and a hat (if you like). Mosquitos can be a problem at times and there is bug spray in the cabin – use it!

Remember

- Arrive early for your shift and check in with the day coordinator (don’t just go to your area). If you are signing up for the first or last shift of the day, the day coordinator can use help in setting up or tearing down.
- Plan lunch or dinner breaks before or after your shifts.
- **Note parking information:** Your State Fair admission ticket **DOES NOT** include parking in the **infield**. Parking expense **is not** reimbursed by the Pathway Committee, so please check with your employer about their policy for reimbursement.

Volunteers (and employees) can park at the 46th Street lot and with an admission ticket and ride the State Fair shuttle to the fairgrounds. It can take as long as 45 minutes to arrive at the exhibit, so, please plan plenty of time to get to this lot, park and get to Pathway before your shift. Shuttle service runs to and from the fairgrounds daily, so you will be able to get back to your car by bus.

Parking also is available in the State Fair infield for \$5 per car. [For a list of additional parking opportunities >> click here](#) and scroll to the bottom of the page.

- Restrooms are located nearby PWQ (in the green barn) and in the Normandy Barn (large white barn located in Pioneer Village). Please let someone know if you are leaving your area. Day Coordinators will give you a break during your shift.
- The PWQ Web site is located at: www.pathwaytowaterquality.org.

PWQ Demonstrations

- *On the Bridge: Invasive Plants: Why are they important to your landscape?*
Invasive plants threaten our natural ecosystems; degrading water quality, clogging waterways, and destroying wetlands and wildlife habitat, especially for native pollinators. Learn how to identify and control invasives and where to go for help. Demonstrations will be done on the three Saturdays of the fair and on Farmers' Day, Aug. 13. Times are 11 a.m. and 1 p.m. Aug. 2, and 1 p.m. and 3 p.m. Aug. 9, 13 and 16. **Presenters:** Bob Eddleman, Project Director, Hoosier Heartland RC & D Council, Inc.; or Harold Thompson, NRCS Earth Team Volunteer
- *On the Bridge: Discover the Secret of Healthy Soil*
Is your soil healthy? Demonstrations will uncover what you need to know for healthy soil on your farm or home garden. Demonstrations will be held on Sat., Aug. 2; Friday, Aug. 8; Wed., Aug. 13 and Sat., Aug. 16 – all at 12 noon and 2 p.m. **Presenters:** ICP Employees from NRCS, SWCD and ISDA
- *At the Back Shelter Area (east/back PWQ) Earthworms and Soil Health/Water Quality: Make the Connection!*
Learn more about worms and home composting! Join Global Peace Initiatives, Inc. and make the connection between soil health and water quality. All demonstrations will be at the back shelter (east exit area) of Pathway. Demonstrations will be done at 12 noon, 2 p.m. and 4 p.m. on Saturdays and Sundays (the three weekends of the fair). **Presenter:** Linda Proffitt, Global Peace Initiative
- *Around the Water History Cabin: Live Interpreters Share the Conservation Story*
Live interpreters will bring the importance of soil and water conservation to life on specific days during the Indiana State Fair. See page 12 for proposed dates and times.

See page 12 for a complete schedule of all demonstrations planned at PWQ this year.



Julia Wickard, USDA FSA; Gary Struben, USDA NRCS; Nathan Stoelting, ISDA and Mark McCauley, Hamilton County SWCD painted the Education Barn last summer.

Pathway to Water Quality Demonstration Schedules

Date	Demonstration	Time	Who	Where
Friday, Aug.1	Live Interpreter	12 to 5 p.m.		Water History Cabin
Saturday, Aug.2	Invasives	11 a.m.		On the bridge
Saturday, Aug.2	Soil Health	12 noon		On the bridge
Saturday, Aug.2	Invasives	1 p.m.		On the bridge
Saturday, Aug.2	Soil Health	2 p.m.		On the bridge
Saturday, Aug.2	Live Interpreter	12 to 5 p.m.	Matt Jones	Water History Cabin
Sunday, Aug. 3	Live Interpreter	12 to 5 p.m.	Matt Jones	Water History Cabin
Saturday, Aug. 2	Worm Demos	12, 2 and 4 p.m.	Linda Proffitt	Back shelter (east end)
Sunday, Aug. 3	Worm Demos	12, 2 and 4 p.m.	Linda Proffitt	Back shelter (east end)
Friday, Aug. 8	Soil Health	12 noon		On the bridge
Friday, Aug. 8	Invasives	1 p.m.		On the bridge
Friday, Aug. 8	Soil Health	2 p.m.		On the bridge
Friday, Aug. 8	Invasives	3 p.m.		On the bridge
Friday, Aug.8	Live Interpreter	12 to 5 p.m.		Water History Cabin
Saturday, Aug. 9	Soil Health	12 noon		On the bridge
Saturday, Aug. 9	Invasives	1 p.m.		On the bridge
Saturday, Aug. 9	Soil Health	2 p.m.		On the bridge
Saturday, Aug. 9	Invasives	3 p.m.		On the bridge
Saturday, Aug. 9	Live Interpreter	12 to 5 p.m.		Water History Cabin
Saturday, Aug. 9	Worm Demos	12, 2 and 4 p.m.	Linda Proffitt	Back shelter (east end)
Sunday, Aug. 10	Worm Demos	12, 2 and 4 p.m.	Linda Proffitt	Back shelter (east end)
Wed., Aug. 13	Soil Health	12 noon		On the bridge
Wed., Aug. 13	Invasives	1 p.m.		On the bridge
Wed., Aug. 13	Soil Health	2 p.m.		On the bridge
Wed., Aug. 13	Invasives	3 p.m.		On the bridge
Wed., Aug. 13	Live Interpreter	12 to 5 p.m.	Sarah Wolfe	Water History Cabin
Thurs., Aug. 14	Live Interpreter	12 to 5 p.m.	Sarah Wolfe	Water History Cabin
Sat., Aug. 16	Soil Health	12 noon		On the bridge
Sat., Aug. 16	Invasives	1 p.m.		On the bridge
Sat., Aug. 16	Soil Health	2 p.m.		On the bridge
Sat., Aug. 16	Invasives	3 p.m.		On the bridge
Sat., Aug. 16	Live Interpreter	12 to 5 p.m.		Water History Cabin
Sunday, Aug. 18	Invasives	2 p.m.		On the bridge