

Description of the Work Accomplished

The 2022 mini-grant award from the Lower Delaware Wild & Scenic River Management Council presented the perfect opportunity for Tincicum Township's newly re-established Environmental Advisory Committee to showcase how important our natural resources are to residents in Tincicum Township.

With the mini-grant award and the generosity of community partners and volunteers, the EAC planned, prepared for and presented two make-your-own rain barrel workshops and thirteen free at-home rain barrel assembly kits in order to put sixty (60) 55-gallon rain barrels to work in Tincicum to help maintain existing water quality in the Delaware River, and preserve and protect natural resources along the river corridor and tributaries.

Photos of the Project



Tincicum Township's EAC Chairperson, Sasha Hall (right), collecting donated materials from Wehrung's Lumber & Home Center.



Dan Breslin (left) and Tincicum Township Supervisor, Eleanor Breslin (right), collecting donated barrels from Coca-Cola in Allentown, Pennsylvania.



EAC member, Cindi Gasparre (right), preparing barrels for their transformation.



EAC member, Riley Murphy (left), drilling holes in one of many barrels.

FINAL REPORT
LDW&S 2022 Mini-Grant
Rain Barrel Workshop
Tinicum Township



Rain barrel workshop under the pavilion at the Tinicum Township Community Park.



Tinicum residents learning about the many environmental benefits of using rain barrels.



Tinicum Township Manager, Teri Lewis (left), built a rain barrel to be used to water the flower garden at the township building.

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Penn State Extension Master Watershed Stewards, Joan Stelchman and Cindy Rafferty, offering 1:1 guidance and expertise to Tinicum residents during rain barrel workshop.



EAC volunteers and residents working together to protect Tinicum Township's natural resources.



“It fills with only a quick Summer evening rain...It is installed to collect the rain from one side of our small barn. I needed to build a base for it so that I could raise the level of the rain barrel in order to more easily water the garden.”

- L.E., Tinicum Resident





Tinicum Township's Public Works Department installed a rain barrel for the Tinicum Township Municipal Building.

In-Kind Services/ Goods and Volunteer Contributions

Wehrung's Lumber and Home Center donated parts and materials used to transform the barrels into rain-barrels. Coca-Cola donated sixty (60) 55-gallon food-grade drums.

Volunteers donated approximately **102 service hours** to complete this project.

Work Contributed	Date(s)	Approximate Service Hours
EAC planning	Various during Spring 2022	12 hours
Barrel collection & transport	June 9, 2022	16 hours
Barrel preparation	June 10, 2022	33 hours
In-person workshops	June 11, 2022	29 hours
Home-assembly kit preparation	July 1, 2022	6 hours
Total Volunteer Hours		102 hours

Financials

\$14.15	Staples	Essay Document / print posters for advertising
\$331.78	Home Depot	Everbil 3/4 poly union with washer fittings
\$34.92	Home Depot	Everbil 3/4 poly union with washer fittings
\$212.21	Home Depot	Everbil 3/4 poly union with washer fittings
\$58.25	Amazon	rain barrel fillings
\$134.53	Home Depot	4 in. pvc toilet flange
\$85.61	Home Depot	4 in. pvc toilet flange
\$111.16	Home Depot	4 in. pvc toilet flange
\$6.15	Home Depot	Adapters
\$57.33	Home Depot	Adapters
\$104.71	Home Depot	cleaning material & adapters
\$168.35	Wehrung's	hose bibb/clamps saw connectors
\$47.72	fuel (Flemington)	
<hr/>		
\$1,046.61	(sub-total for above expenses less \$320.26 in returns)	

\$231.44	U-Haul rental	truck rental
\$56.52		drill bits
\$121.37		plumber's tape
\$108.41	Home Depot	(14) 4" flanges & one pex pipe
\$1,564.35		

Unexpected Challenges

It quickly became apparent that a rental truck would be needed to collect, transport and keep secure all of the 55-gallon barrels. To minimize the duration and cost of the truck rental, volunteers picked up the barrels from Coca-Cola in the afternoon of June 9th, and a small force of volunteers rinsed, cleaned and pre-drilled the barrels on June 10th for the July 11th workshops.

The Tinicum Township Community Park was chosen as the venue for the workshops, because it has a large, open-air covered pavilion and is conveniently located. However, since there is no electricity at this park, the EAC decided to pre-drill the in-flow, overflow, and spigot holes for each barrel rather than risk depleting batteries of cordless drills mid-workshop. While this was the right decision, it increased the time and number of volunteers needed to prepare the barrels.

Unexpected Benefits

One noteworthy benefit of this project was that those who participated genuinely appreciated having the opportunity to come together as a community and lend a hand to a neighbor. It was truly remarkable. Holding the workshops at the Tinicum Township Community Park had the unexpected benefit of revealing the wildflower meadow (a collaboration between the EAC and the Public Works Department) and boosting interest in the Township’s parks.

Another noteworthy benefit was that the Upper Bucks Field Coordinator for the non-partisan non-profit organization PennFuture volunteered on the day of the workshop. He circulated a petition in support of Growing Greener III legislation and credits Representative Labs’ subsequent co-sponsorship of this legislation in part to the many signatures collected at the rain barrel workshops.

Lastly, the rain barrel workshop received great media coverage, thanks to a Bucks County Herald intern who covered the first workshop of the morning. This article inspired members of the EAC of Durham Township to reach out to members of Tinicum’s EAC to learn about what worked and what could have been better so they can plan a workshop for Durham residents.

Description of Changes to Timeline, Funding Needs or Other Pertinent Changes

The workshops were proposed to be held in or around later April/ early May 2022, and since the grant was not awarded until the end of February the workshops were not held until June.

A portion of the award was used for the rental truck to transport and store the barrels over a 48-hour period.

Copies of All Publicity and Acknowledgements

- PDF of Poster attached hereto as Exhibit A;
- Facebook posting screenshot attached hereto as Exhibit B;
- Bucks County Herald attached hereto as Exhibit C; and,
- Minutes from the BOS meeting attached hereto as Exhibit D.

FINAL REPORT
LDW&S 2022 Mini-Grant
Rain Barrel Workshop
Tinicum Township

EXHIBIT
“A”

RAIN BARREL WORKSHOP

TINICUM TOWNSHIP RESIDENTS

Please join the Tincum Township Environmental Advisory Committee for a
FREE RAIN BARREL BUILDING WORKSHOP

Make a rain barrel to bring home! Discuss how this feature can be used in your landscape and learn about the importance of saving rain water. Penn State Extension Master Watershed Stewards will be on hand to answer questions.

MATERIALS SUPPLIED FREE TO TINICUM RESIDENTS

Supplies donated by Wehrung's Lumber & Home Center and Coca-Cola Corporation.

The Lower Delaware Wild & Scenic Management Council (www.lowerdelawarewildandscenic.org) supported Rain Barrel Workshop with funding from the National Park Service (CFDA: 15.962 – National Wild and Scenic River System).

P R O G R A M L O C A T I O N
Tincum Township Community Park
611 & Tohickon Valley Rds, Ottsville

D A T E
S A T U R D A Y
JUNE 11, 2022

2 SESSIONS

9 AM - 11 AM

OR

NOON - 2 PM

REGISTRATION

scan the QR code below



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eac@TincumBucks.org

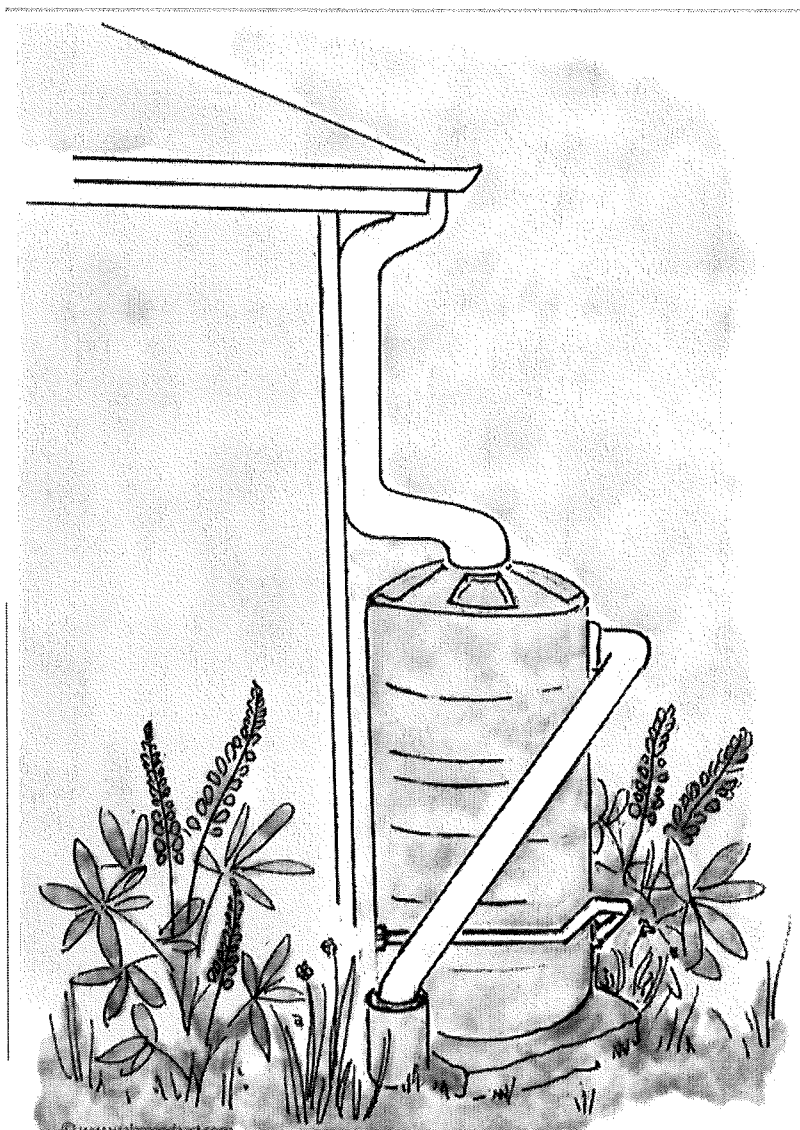


EXHIBIT
“B”



RAIN BARREL WORKSHOP TINICUM TOWNSHIP RESIDENTS

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The Lower Delaware Wild & Scenic Management Council (www.lowerdelawarewildandscenic.org) supported Rain Barrel Workshop with funding from the National Park Service (CFDA: 15.902 - National Wild and Scenic River System).

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Tinicum Township Community Park
611 & Tohickon Valley Rds, Ottsville

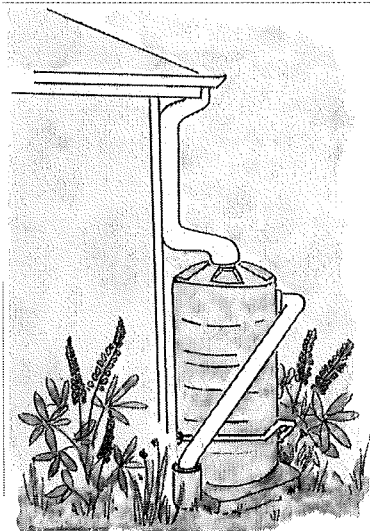
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TinicumBucks.org
eac@TinicumBucks.org



May 17 · 🌐

Rain Barrel building workshop. Saturday, June 11th. Sponsored by Tinicum Twp. Environmental Advisory Committee.

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Tinicum supports conservation with rain barrel workshop



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/20220706-133540-Tinicum%20Rain%20Barrel.jpg)

Posted Thursday, July 7, 2022 12:00 am

By William Rampe

On Saturday, June 11, Tinicum Township hosted a free rain barrel workshop at Tinicum Community Park.

Eleanor Breslin, Tinicum Township's new supervisor, coordinated the event with assistance from the recently reestablished Environmental Advisory Council (EAC). As supervisor, Breslin brought back the EAC and expressed a desire to increase community participation in conservation efforts. She viewed the workshop as a chance for residents to participate in conservation by saving stormwater and preventing it from picking up pollutants that contaminate local aquifers.

"We can all play a role in helping to address stormwater management. This workshop is a way for individuals and families to see the big impact of a small step," said Breslin. "One of the biggest takeaways [from the event] for me as the supervisor of the township is the reinforcement of the fact that residents of Tinicum Township care deeply about the environment." Tinicum resident Carolann Kell backed up this sentiment, "I'm a big environmentalist and I want to work in Tinicum now that I live here."

Through the Lower Delaware Wild and Scenic River Mini-Grant program, which provides funding to community projects that protect local watersheds, Tinicum received \$2,000 to hold the event. The township also received donations from Coca-Cola and Wehrungs Lumber and Home Center, with

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provided the barrels and other materials used in the workshop. Both sessions of the event were full with 16 people on the waitlist, despite initial doubts from Breslin about the popularity of the event.

Rain barrels are plastic barrels that sit below downspouts and collect rainwater that flows from roofs. This prevents the water from picking up pesticides and other residues as it flows into aquifers and conserves it for future use on lawns and gardens.



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Shahzad Ahmed, MD.
Interventional Cardiologist

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“Water is everywhere and we want to make sure that the water flowing over the land is good water, flowing nicely and protecting the wildlife living in the land,” said Joan Stelchman, who, along with Cindy Rafferty, was a Penn State Extension Master Watershed Steward at the event. Rafferty explained the value of conserving water, “We’re stopping the flow of stormwater and you can use it during drought periods to water the lawn or flowerbeds. I joke with my husband about how much water we’re saving because the sewer bill is connected to the water bill.”

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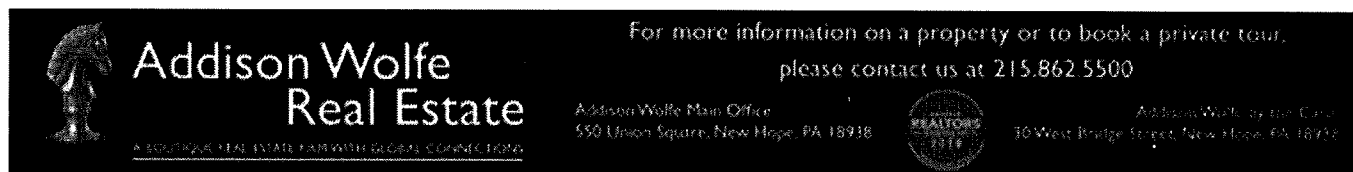
The workshop began as participants gathered under the pavilion at Tinicum Community Park, which

overlooks an unmowed species habitat, and listened to speeches from Breslin and other members of the EAC explaining the importance of using rain barrels and conservation generally. They were followed by Tim Hayes, the Upper Bucks County field coordinator for Penn Future, who spoke about his organization's work advocating for environmental legislation at the state level and encouraged the participants to sign a petition supporting House Bills 1901 and 2020 in the Pennsylvania General Assembly, which would collectively allocate \$750 million of leftover American Rescue Plan funds to conservation efforts.

The participants were then guided through the process of making their rain barrels by the Master Watershed Stewards. The participants shared a sense of community, with many taking time to help each other with constructing the rain barrels while engaging in conversation.

For Tinicum resident Leslie Carson, the event provided an opportunity to protect the environment enjoyably. "It's really important to conserve our water resources, especially in this area. It's precious and we need to save it and not waste it," said Carson. "Community interaction and to see our friends here was the most fun [part of the event]."

The rain barrel workshop is not the only means through which Tinicum Township has promoted conservation. Breslin cited the township's efforts with the Tinicum Conservancy to conserve 5,000 acres of land and the ongoing work of the Bridgetown - Nockamixon - Tinicum Groundwater Committee to evaluate the condition of local groundwater. She added, "We have very highly educated people [in Tinicum] whose life work is to preserve the environment and monitor the effects of climate change.



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Parks and recreation projects discussed at Lower Makefield supervisors' meeting (/stories/parks-and-recreation-projects-discussed-at-lower-makefield-supervisors-meeting,19302)

Llamas are stealing the show at weddings (/stories/llamas-are-stealing-the-show-at-weddings-buck-hollow-llamas-inc-in-birdsboro-berks-county,19333)

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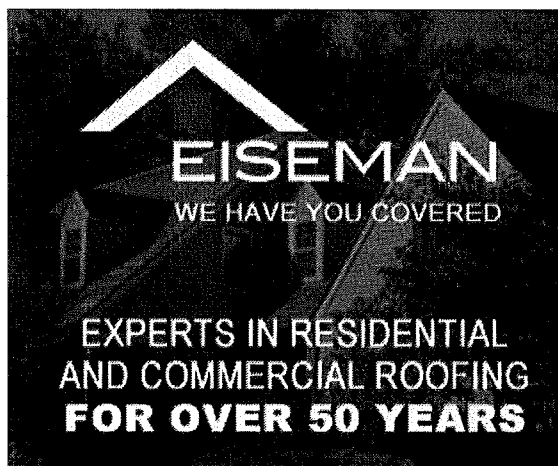
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Newtown supervisors approve two restaurant requests (/stories/newtown-supervisors-approve-two-restaurant-requests-blue-point-grill-former-corner-bakery-piccolo-trattoria,19383)

Crime spree hits Warrington Township (/stories/crime-spreed-hits-warrington-township-opportunity-crimes,19309)

Firefighters and rescue team receive county's Medal of Valor (/stories/haycock-fire-company-firefighters-and-rescue-team-receive-bucks-countys-medal-of-valor,19338)

Quakertown middle, high school start times adjusted (/stories/quakertown-middle-high-school-start-times-adjusted-2022,19369)

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EXHIBIT
“D”

Incorporated March 12, 1738

TINICUM TOWNSHIP

Bucks County

BOARD OF SUPERVISORS

163 Municipal Road
Pipersville, Pennsylvania 18947

RICHARD ROSAMILIA, CHAIRPERSON
JIM HELMS, VICE-CHAIRPERSON
ELEANOR BRESLIN, SUPERVISOR

Tinicum Township Board of Supervisors Meeting Minutes June 21, 2022

Supervisors Eleanor Breslin, Jim Helms and Richard Rosamilia were present with Township Manager Teri Lewis and Township Solicitor Steve Harris. The meeting was held in the Tinicum Township building meeting room. There were approximately 40 people in attendance.

Chairperson Rosamilia called the public meeting of the Tinicum Township Board of Supervisors to order at 7:30 PM followed by the Pledge of Allegiance.

Richard Balukas, River Road, announced he would be recording the meeting.

A. Announcements

- Livestream Board Meetings: The Board meetings will not be livestreamed until equipment supply chain issues can be resolved. G2 Computer LLC could not provide a delivery date at this time.
- Executive Sessions: The Board met earlier in the evening at 6:00 PM and on May 19th at 6:30 PM to discuss personnel and potential litigation. No decisions were made.
- Zoning Hearing Board Appointments:
Motion to appoint Tom Casola as a regular member on the Zoning Hearing Board to fill the former term of M.J. Frumin (expires 12/31/23).
Motion by: Breslin. Second by: Helms. Voted upon and approved.
Motion to appoint Joy von Glueck as alternate on the Zoning Hearing Board to fill the former term of Tom Casola (expires 12/31/24).
Motion by: Breslin. Second by: Helms. Voted upon and approved.
- PennDOT Meeting: The Board met with PennDOT representatives to discuss the pothole issue in the Township. Although short staffed by approximately 40 people, PennDOT assured the Township that major work is planned for late July and the fall, including overlay and tar and chipping. The Board asks the public to continue to call PennDOT 1-800-FIX ROAD to report potholes.
- Native Plant Exchange: The Board thanked Elizabeth Hallowell for hosting the Native Plant Exchange at the Tinicum Community Park on May 28th, which was a great success.
- Tinicum Arts Festival: July 9th and 10th at Tinicum Park on River Road in Erwinna. Proceeds benefit the community through the festival sponsor, the Tinicum Civic Association.
- Rain Barrel Workshop: The Board thanked the Environmental Advisory Committee members for the Rain Barrel Workshop Event held on June 11, 2022, which was a great success. Special thanks to John Cole for transporting materials, the Penn State Extension Master Watershed Stewards for their expertise, Wehrungs and Coca Cola for their generous support, the Delaware Wild and Scenic Management Council for the mini-grant and Supervisor Breslin for leading the project.